



HEI Response to DVV Findings

Criteria Number: 1

Criteria Name: Curricular Enrichment

Sub criteria Number: 1.3.2

Sub-criteria Name: Curricular Enrichment

1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year).

This document contains the supporting documents for DVV clarification.

Following table summarizes the data required in clarification:

Department	Particulars	Page Number for List of students along with the details of title, place of work, duration etc.,	Page number for Internship completion certificate / project work completion certificate from the organization where internship / project was completed.	Page Number for Link to report of the field work/ sample photographs of the field work / permission letter only for field work from the competent authority will be considered
Mechanical Engineering	Internship	4-8	9-86	-
	Industry Guided Project	87-88	89,98,112,125,135,150,161,174,185,198,211	90-97,99-111,113-124,126-134,136-149,151-160,162-173,175-184,186-197,199-210,212-221
	Mini Project 1A	222-224	-	-
	Mini Project 2A -2B Division A	225-226	-	-
	Mini Project 2A -2B Division B	227-228	-	-
	BE Project	229-232	-	-
Electronics and	Internship	234-236	237-298	-



Vidyavardhini's College of Engineering & Technology

Founder President Late Padmashri H. G. Vartak

Approved by AICTE, DTE Maharashtra and Affiliated to University of Mumbai

NAAC accredited, 4 Programmes Accredited by NBA

Telecommunication Engineering	Industry Guided Project	299	300,308,315,324,331,339,349	301-307,309-314,316-323,325-330,332-338,340-348,350-359
	Course Project	360-367	-	-
	Mini Project	368-373	-	-
	Major Project	374-375	-	-
Instrumentation Engineering	Internship	376	377-396	-
	Mini Project	397-398	-	-
	Major Project	399-400	-	-
Computer Engineering	Internship	401-406	407-487	-
	Industry Guided Project	488	489,498	490-497,499-506
	Mini Project	507-515	-	-
	Major Project	516-518	-	-
	Course Project	519-543	-	-
Information Technology	Internship	544-547	548-592	-
	Mini Project	593-604	-	-
	Major Project	605-610	-	-
	Course Project	611-637	-	-
Civil Engineering	Internship	638-640	641-698	-
	Mini Project	699-706	-	-
	Major Project	707-709	-	-




Vidyavardhini's College of Engineering & Technology

Founder President Late Padmashri H. G. Vartak

Approved by AICTE, DTE Maharashtra and Affiliated to University of Mumbai
NAAC accredited, 4 Programmes Accredited by NBA

Computer Science and Engineering (Data Science)	Internship	710-714	715-806	-
	Mini Project	807-814	-	-
	Course Project	815-822	-	-
Artificial Intelligence and Data Science	Internship	823-825	826-885	-
	Mini Project	886-892	-	-
	Course Project	893-904	-	-
First Year Engineering	Course Project	905-933	-	-




Dr. Harish Vankudre
Principal

The Institution has several collaborations/linkages for Internship during the year 2022-2023

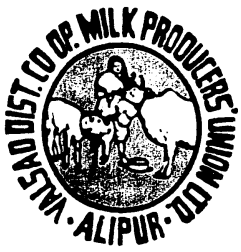
Sr. No.	Name of the participant	Name of the collaborating agency	Duration From	Duration To	Industry Linkage
Odd Semester-Inter Internship					
1	Patil Sahil	Valsad Dist Co-Op Milk Producers Union Ltd, Valsad	13/12/2022	28/12/2022	Maintenance of Dairy farm equipments
2	Dalvi Suyash	Valsad Dist Co-Op Milk Producers Union Ltd, Valsad	12/12/2022	28/12/2022	Maintenance of Dairy farm equipments
3	Jondhalekar Utkarsh	Adani Thermal Power Station, Dahanu	16/12/2022	30/12/2022	Maintenance of thermal power station equipments
4	Naik Suyog	Glaum Enclosures Pvt Ltd, Virar	13/12/2022	30/12/2022	Design and manufacturing of racks, chasis and cabinets
5	Patil Yash	Glaum Enclosures Pvt Ltd, Virar	13/12/2022	30/12/2022	Design and manufacturing of racks, chasis and cabinets
6	Paste Swapnil	Glaum Enclosures Pvt Ltd, Virar	13/12/2022	30/12/2022	Design and manufacturing of racks, chasis and cabinets
7	Mishra Chandrashekhar	Ubiquitous signs pvt ltd, vasai	15/12/2022	30/12/2022	Design and manufacturing of sign boards
		Sujan Industries, Vasai	01/06/2023	06/07/2023	Product manufacturing by metal casting, Injection and compression moulding
8	Dhembare Harsh	Ubiquitous signs pvt ltd, vasai	15/12/2022	30/12/2022	Design and manufacturing of sign boards
		Glaum Enclosures Pvt Ltd, Virar	29/05/2023	17/06/2023	Design and manufacturing of racks, chasis and cabinets
9	Guchhait Pritam	Sridevi Tools Engineers Pt Ltd, Vasai	15/12/2022	31/12/2022	Precise components and dies manufacturing in tool room
10	Mhatre Preet	Tata Steels Limited, Boisar	06/12/2022	31/12/2022	Cold wire drawing project in manufacturing department
11	Raul Harshit	Western Railway-Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components

12	Chavan Sahil	Western Railway-Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
13	Rai Anant	Western Railway-Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
14	Karvir Soham	Western Railway-Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
15	Thakur Viraj	Western Railway-Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
16	Chaudhari Dhanal	Western Railway-Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
17	Chavan Rakesh	Western Railway-Lower Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
18	Dhinde Vishal	Western Railway-Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
19	Bhingale Ashish	Western Railway-Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
20	Deshpande Krutarth	Western Railway-Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
21	Bansod Amit	Western Railway-Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
		Sujan Industries, Vasai	01/06/2023	06/07/2023	Product manufacturing by metal casting, Injection and compression moulding
22	Halde Sameer	Western Railway-Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
23	Mate kiran	Western Railway-Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
24	Tejam Viraj	Western Railway-Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
25	Bagade Rucha	Western Railway-Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
26	Patankar Tanmay	Western Railway-Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
27	Dhuri Anuj	Western Railway-Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
28	Vartak Sarvesh	Western Railway-Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components

29	Tambe Saloni	Western Railway- Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
30	Darade Amol	Western Railway- Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
31	Hazra Abhigya	Western Railway- Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
		Sujan Industries, Vasai	01/06/2023	30/06/2023	Product manufacturing by metal casting, Injection and compression moulding
32	Raut Prabhod	Western Railway- Lower, Parel	19/12/2022	03/01/2023	Preventive maintenance of railway brake system, bogies and other railway components
33	Patil Harshit	Western Railway- Virar EMU Cashed, Virar	19/12/2022	03/01/2023	Maintenance activities of AC Traction system and other mechanisms of MEMU trains
		Plant Engineering People Pvt Ltd, Biosar	19/06/2023	01/07/2023	Welding and fabrication of BARC machineries and equipments
34	Sankhe Atharva	Western Railway- Virar EMU Cashed, Virar	19/12/2022	03/01/2023	Maintenance activities of AC Traction system and other mechanisms of MEMU trains
		Glaum Enclosures Pvt Ltd, Virar	29/05/2023	17/06/2023	Design and manufacturing of racks, chasis and cabinets
35	Shikhare Yash	Western Railway- Virar EMU Cashed, Virar	19/12/2022	03/01/2023	Maintenance activities of AC Traction system and other mechanisms of MEMU trains
36	Dhuri Omkar	Western Railway- Virar EMU Cashed, Virar	19/12/2022	03/01/2023	Maintenance activities of AC Traction system and other mechanisms of MEMU trains
37	Chaudhari Dhruvit	Western Railway- Virar EMU Cashed, Virar	19/12/2022	03/01/2023	Maintenance activities of AC Traction system and other mechanisms of MEMU trains
		Plant Engineering People Pvt Ltd, Biosar	19/06/2023	01/07/2023	Welding and fabrication of BARC machineries and equipments
38	Patade Satyasheel	Western Railway- Virar EMU Cashed, Virar	19/12/2022	03/01/2023	Maintenance activities of AC Traction system and other mechanisms of MEMU trains

39	Kamat Om	Western Railway-Virar EMU Cashed, Virar	19/12/2022	03/01/2023	Maintenance activities of AC Traction system and other mechanisms of MEMU trains
		Perfect Printgraph Engineers LLP, Virar	29/05/2023	17/06/2023	Design and manufacturing of special purpose printing machines
40	Jaiswar Yash	Western Railway-Virar EMU Cashed, Virar	19/12/2023	03/01/2023	Maintenance activities of AC Traction system and other mechanisms of MEMU trains
		Sujan Industries, Vasai	01/06/2023	06/07/2023	Product manufacturing by metal casting, Injection and compression moulding
41	Patil Paresh	Western Railway-Virar EMU Cashed, Virar	19/12/2022	03/01/2023	Maintenance activities of AC Traction system and other mechanisms of MEMU trains
42	Vartak Atharva	Janyutech, vasai	23/12/2022	14/01/2023	Design and manufacturing of robotic systems
		Ubiquitous Signs Pvt Ltd, Vasai	05/06/2023	01/07/2023	Design and manufacturing of sign boards
43	Siddiquie Zulfekar	Aarti Drugs Ltd, Boisar	29/05/2023	17/06/2023	Maintenance activities in pharmaceutical industry
44	Shinde Heramb	Aarti Drugs Ltd, Boisar	05/06/2023	17/06/2023	Maintenance activities in pharmaceutical industry
45	Bohir Vruttik	Glaum Enclosures Pvt Ltd, Virar	29/05/2023	17/06/2023	Design and manufacturing of racks, chasis and cabinets
46	Salvi Rohan	MYCO Industries, Andheri	29/05/2023	17/06/2023	Non Ferous product manufactring by die casting & investment casting
47	Ghanekar Pranit	MYCO Industries, Andheri	29/05/2023	17/06/2023	Non Ferous product manufactring by die casting & investment casting
48	Makwana Pratham	MYCO Industries, Andheri	29/05/2023	17/06/2023	Non Ferous product manufactring by die casting & investment casting
49	Sakpal Aditya	MYCO Industries, Andheri	29/05/2023	17/06/2023	Non Ferous product manufactring by die casting & investment casting
50	Jakal Sairaj	MYCO Industries, Andheri	29/05/2023	17/06/2023	Non Ferous product manufactring by die casting & investment casting
51	Parab Vighnesh	Perfect Printgraph Engineers LLP, Virar	29/05/2023	17/06/2023	Design and manufacturing of special purpose printing machines

52	Kadrivel Vignesh	Perfect Printgraph Engineers LLP, Virar	29/05/2023	17/06/2023	Design and manufacturing of special purpose printing machines
53	Gupta Ambikalal	Western Railway EMU Carshed, Virar	29/05/2023	17/06/2023	Maintenance activities of AC Traction system and other mechanisms of MEMU trains
54	Dafedar Aftab	Western Railway EMU Carshed, Virar	29/05/2023	17/06/2023	Maintenance activities of AC Traction system and other mechanisms of MEMU trains
55	Mankar Yash	Western Railway EMU Carshed, Virar	29/05/2023	17/06/2023	Maintenance activities of AC Traction system and other mechanisms of MEMU trains
56	Patil Harsh	Western Railway EMU Carshed, Virar	29/05/2023	17/06/2023	Maintenance activities of AC Traction system and other mechanisms of MEMU trains
57	Gorivale Rohit	Chintamani engineering Industries India Pvt Ltd, Vasai (E)	06/06/2023	24/06/2023	Design and manufacturing of fitting valves
58	Kasrilikar Govind	Nevatia Steel & Alloys Pvt.Ltd, Boisar	29/05/2023	27/06/2023	Prototype developed for TIG rod automatic embossing machine
59	Jadhav Rushabh	Nevatia Steel & Alloys Pvt.Ltd, Boisar	29/05/2023	27/06/2023	Prototype developed for TIG rod automatic embossing machine
60	Sawant Aditya	Nevatia Steel & Alloys Pvt.Ltd, Boisar	29/05/2023	27/06/2023	Prototype developed for TIG rod automatic embossing machine
61	Salgaonkar Aayush	Nevatia Steel & Alloys Pvt.Ltd, Boisar	29/05/2023	27/06/2023	Prototype developed for TIG rod automatic embossing machine
62	Reuben Wilson	Western Railway EMU Carshed, Virar	12/06/2023	01/07/2023	Maintenance activities of AC Traction system and other mechanisms of MEMU trains
63	Vaity Krish	Ubiquitous Signs Pvt Ltd, Vasai	05/06/2023	01/07/2023	Design and manufacturing of sign boards
64	Vaidya Atharva	Ubiquitous Signs Pvt Ltd, Vasai	05/06/2023	01/07/2023	Design and manufacturing of sign boards
65	Annadate Naman	Ubiquitous Signs Pvt Ltd, Vasai	05/06/2023	01/07/2023	Design and manufacturing of sign boards
66	Hole Maitreya	Ubiquitous Signs Pvt Ltd, Vasai	05/06/2023	01/07/2023	Design and manufacturing of sign boards
67	Sachin Pal	Sujan Industries, Vasai	01/06/2023	06/07/2023	Product manufacturing by metal casting, Injection and compression moulding
68	Gaud Vivek	Sujan Industries, Vasai	01/06/2023	06/07/2023	Product manufacturing by metal casting, Injection and compression moulding



**VALSAD DISTRICT CO-OP. MILK PRODUCERS' UNION LTD.
(VASUDHARA DAIRY)**

VASUDHARA

E-28, Tarapur Industrial Area, Solapur Dist. & Tal. Palghar, Maharashtra - 401 506
Phone : (02525) 278790, 278791, 261586 Fax : (02525) 271246

30th Dec, 2022

TO WHOMSOEVER IT MAY CONCERN

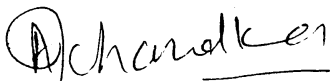
This is to certify that **Mr. Sahil Swapnil Patil** a student of **Vidyavardhini's College of Engineering & Technology, Vasai**, pursuing Mechanical Engineering (Third Year student) have successfully completed his Training in our organization starting **from 13/12/2022 to 28/12/2022**.

This Training is attended by him as an academic requirement..

During the above tenure of Training, we found him punctual, sincere in his duties.

We wish him all the best in his future career.

**For VALSAD DIST. CO-OP MILK PRODUCERS' UNION LTD.
(VASUDHARA DAIRY)**



**ANAND S. KHANOLKAR
(C.E.O.)**





**VALSAD DISTRICT CO-OP. MILK PRODUCERS' UNION LTD.
(VASUDHARA DAIRY)**

VASUDHARA

E-23, Tarapur Industrial Area, Boisar, Dist. & Tal. Palghar, Maharashtra - 401 508
Phone : (02525) 278790, 278791, 261586 Fax : (02525) 271246

30th Dec, 2022

TO WHOMSOEVER IT MAY CONCERN

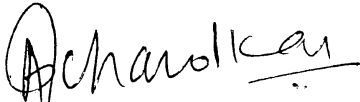
This is to certify that **Mr. Suyash Sanju Dalvi** a student of **Vidyavardhini's College of Engineering & Technology, Vasai**, pursuing Mechanical Engineering (Third Year student) have successfully completed his Training in our organization starting from **12/12/2022 to 28/12/2022**.

This Training is attended by him as an academic requirement..

During the above tenure of Training, we found him punctual, sincere in his duties.

We wish him all the best in his future career

For **VALSAD DIST. CO-OP MILK PRODUCERS' UNION LTD.
(VASUDHARA DAIRY)**



ANAND S. KHANOLKAR
(C.E.O.)

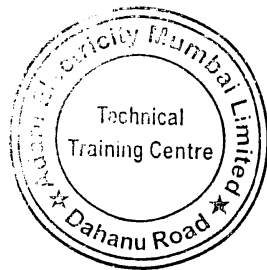




Training Certificate

This is to certify that **Mr. Utkarsh Shashikant Jondhalekar**, student of Vidyavardhini's College of Engineering & Technology, Vasai has successfully completed Internship Training in the field "**Mechanical**" at Adani Dahanu Thermal Power Station of Adani Electricity Mumbai Ltd. for the period 16th December 2022 to 30th December 2022.

During Internship period, we found him sincere, hardworking, and result oriented. He worked well as part of a team during his tenure. We take this opportunity to wish all the best for his future assignment.



A handwritten signature in black ink, appearing to read "Patil".

Roshan N. Patil
Manager (HR - L&OD)



Glaum Enclosures Pvt. Ltd.

Aiming for your success.

Head Office

101, 1st Floor, Sai Jharokha, Sant Gadge Maharaj Road, Ashokvan,
Opp. Universal High School, Borivali East, Mumbai – 400066. INDIA

2nd January 2023



INTERNSHIP CERTIFICATE

This is to certify that **Mr. Suyog Naik** Student of Vidyavardhini's college of Engineering and Technology, Vasai has successfully completed internship training in the field of "Mechanical" at Glaum Enclosures Pvt. Ltd. for the period of 13th December 2022 to 30th December 2022

During his tenure with us, we found him sincere, honest and hardworking with a self-motivated attitude to learn new things.

We wish him all the best in his future endeavours.

Regards



Shailesh Shinde

Director

Glaum Enclosure Pvt. Ltd.

Email: glaum@glaumracks.com



2nd January 2023

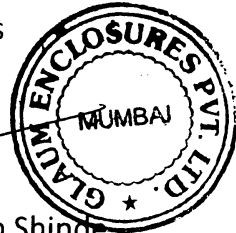

INTERNSHIP CERTIFICATE

This is to certify that **Mr. Yash Patil** Student of Vidyavardhini's college of Engineering and Technology, Vasai has successfully completed internship training in the field of "Mechanical" at Glaum Enclosures Pvt. Ltd. for the period of 13th December 2022 to 30th December 2022

During his tenure with us, we found him sincere, honest and hardworking with a self-motivated attitude to learn new things.

We wish him all the best in his future endeavours.

Regards



Shailesh Shinde


Director


Glaum Enclosure Pvt. Ltd.


Email: glaum@glaumracks.com


Factory

Building No. 64, HDIL Industrial Park, Chandansar,
Virar East, Palghar - 401303, Maharashtra, India.
Tel : +91 89830 46660 / 8983046661

 +91 90043 05555

 U29253MH2011PTC217908

 glaum@glaumracks.com

 www.glaumracks.com



Glaum

Aiming for your success.

Pvt. Ltd.

Head Office

101, 1st Floor, Sai Jharokha, Sant Gadge Maharaj Road, Ashokvan,
Opp. Universal High School, Borivali East, Mumbai - 400066, INDIA

2nd January 2023

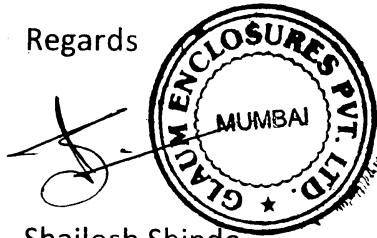
INTERNSHIP CERTIFICATE

This is to certify that **Mr. Swapnil Paste** Student of Vidyavardhini's college of Engineering and Technology, Vasai has successfully completed internship training in the field of "Mechanical" at Glaum Enclosures Pvt. Ltd. for the period of 13th December 2022 to 30th December 2022

During his tenure with us, we found him sincere, honest and hardworking with a self-motivated attitude to learn new things.

We wish him all the best in his future endeavours.

Regards



Shailesh Shinde

Director

Glaum Enclosure Pvt. Ltd.

Email: glaum@glaumracks.com

+91 90043 05555

U29253MH2011PTC217908

glaum@glaumracks.com

www.glaumracks.com

Factory
Building No. 64, HDIL Industrial Park, Chandansar,
Virar East, Palghar - 401303, Maharashtra, India.
Tel : +91 89830 46660 / 8983046661


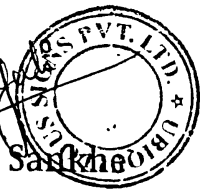
TO WHOM IT MAY CONCERN

This is to certify that Mr.Chandrashekhar Mishra, student of Vidyavardhini's College of Engineering & technology, Vasai (W), has successfully completed an internship in the field of Mechanical From 15th Dec 2022 to 30th Dec 2022 under guidance of Prasad Khule & Aakash Jamsutkar – Production Executive.

During the period of his internship program with us, he learnt our different department work processes like Electrical, CNC Router, Sheet metal, Fabrication & Design etc.

We wish him every success in his life and career.

For Ubiquitous Signs Pvt.Ltd.

Sr.Exec. - HRD & Admin

30/12/2022

06th July 2023TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Chandrashekhar Mishra** was working with our organization as an Implant Trainee Engineer for period of 1 month from 1st June 2023 to 6th July 2023.

During his tenure with us he has gained experience in the field of Foundry, Metal Casting, and Various processes of injection and Compression Moulding.

We have observed that the candidate is having hard working nature and sincere during the training period and wish him for better prospects and studies as well as career.

Thank you,

Harishankar Patil

HR Head.



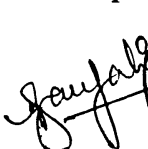

TO WHOM IT MAY CONCERN

This is to certify that Mr.Harsh Dhembare, student of Vidyavardhini's College of Engineering & technology, Vasai (W), has successfully completed an internship in the field of Mechanical From 15th Dec 2022 to 30th Dec 2022 under guidance of Prasad Khule & Aakash Jamsutkar-Production Executive.

During the period of his internship program with us, he learnt our different department work processes like Electrical, CNC Router, Sheet metal, Fabrication & Design etc.

We wish him every success in his life and career.

For Ubiquitous Signs Pvt.Ltd.



Sanjali Sankhe

Sr.Exec. - HRD & Admin

30/12/2022



Glaum Enclosures Pvt. Ltd.

Aiming for your success.

Head Office

101, 1st Floor, Sai Jharokha, Sant Gadge Maharaj Road, Ashokvan,
Opp. Universal High School, Borivali East, Mumbai – 400066. INDIA

10th July 2023

INTERNSHIP CERTIFICATE

This is to certify that Mr. Harsh Maruti Dhembare, Student of Vidyavardhini's college of Engineering and Technology, Vasai has successfully completed internship training in the field of "Mechanical" at Glaum Enclosures Pvt. Ltd for the period of 29th May 2023 to 17th June 2023.

During his tenure with us, we found him sincere, honest and hardworking with a self-motivated attitude to learn new things.

We wish him all the best in his future endeavours.

Regards



Shailesh Shinde

Director

Glaum Enclosure Pvt. Ltd.

Email: glaum@glaumracks.com

+91 90043 05555

U29253MH2011PTC217908

glaum@glaumracks.com

www.glaumracks.com

Sridevi Tool Engineers Private Limited



Registered Office : A-61, Nand Jyot Ind. Estate, Kurla-Andheri Road, Mumbai - 400 072 India

Tel: 9987924808 Email: info@sridevitoools.com|sridevitoools@gmail.com Website: www.sridevitoools.com CIN: U74999MH1973PTC016806

9th January 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Pritam Utpal Guchhait** has successfully completed his internship training in **Tool Room** department from **15th December 2022 to 31st December 2022**.

During his internship training period he was found to be sincere and hardworking. His interest and conduct in the work was good.

We wish him good luck for his future assignments.

FOR SRIDEVI TOOL ENGINEERS PVT. LTD.

A handwritten signature in black ink that reads "Jagruti Mehta". The signature is written in a cursive style and is positioned above the printed name and title.

JAGRUTI MEHTA.

HEAD - HUMAN RESOURCES



TSL:CRC:HRM:07:23
02nd February, 2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that, Mr. Preet Jitendra Mhatre pursuing Mechanical Engineering, student of Vidyavardhini's College of Engineering & Technology, Vasai, has successfully completed Internship Training in MMD Department from 06.12.2022 to 31.12.2022.

During this period we found him sincere, diligent, result oriented, analytical and considerate.

We wish him all the success in his future endeavours.

For **Tata Steel Limited**
Cold Rolling Complex (West)

T S K Chaitanya
Manager- HRM

TATA STEEL LIMITED

Cold Rolling Complex West

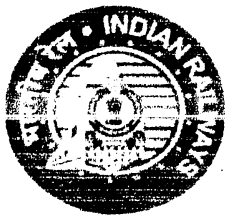
S 76 & F7/1 Tarapur Industrial Area P Box 22 Tarapur Industrial Estate Post Office District Palghar Maharashtra 401 506 India
Tel 91 2525 295000

Registered Office Bombay House 24 Homi Mody Street Fort Mumbai 400 001 India
Tel 91 22 6665 8282 Fax 91 22 6665 7724

10

10

WESTERN RAILWAYS



पश्चिम रेलवे
Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: **Completion of Internship Training.**

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022

With reference to above, **RAUL HARSHIT B.** of your institute has successfully completed the Internship Training in this workshop from 19/12/2022 to 03/01/2023 .

The topics covered in training are:

1. Air brake system of Railway Coaches.
1. Bogie components - its function and repair work.
2. Maintenance practice of LHB FIAT Bogie.
3. Wheel, Axle - Process of assembly and failure analysis.
4. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
5. Bearing Assembly & dismantling process, Bearing failure study.
6. Shock absorber and springs.
7. Coach body corrosion repair.
8. Painting procedure of railway coaches.
9. Furnishing of AC & Non AC coaches.
10. ISO concept and IMS

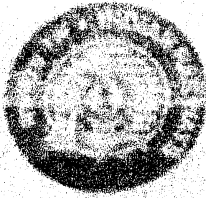
He has submitted Technical Internship Program Report at this workshop.

With Best Wishes,

VISHAL YADAV
WM (R) / PL

//

WESTERN RAILWAYS



Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV DL 17/12/2022

With reference to above, **CHAVAN SAHIL SHAILESH**, of your institute has successfully completed the Internship Training in this workshop from **19/12/2022 to 03/01/2023**.
The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.

Practice of LHB PIAT Bogie.

Process of assembly and failure analysis.

Instruments used in workshop for different mechanical and assembly work.

Welding process, Bearing failure study, and springs.

Corrosion repair.

Repair of railway coaches.

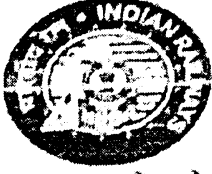
Repair of coaches.

Submission of Internship Program Report at this workshop.

no.

0 1 40

WESTERN RAILWAYS



वेस्टर्न रेल्वे
Western Railway
No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parcel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasal Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022

With reference to above, RAI ANANT, of your Institute has successfully completed the Internship Training in this workshop from 19/12/2022 to 03/01/2023.

The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - Its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

He has submitted Technical Internship Program Report at this workshop.
With Best Wishes,

VISHAL YADAV
WM (R) / PL

WESTERN RAILWAYS



पश्चिम रेलवे
Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022

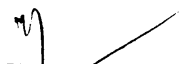
With reference to above, **KARVIR SOHAM J.** of your institute has successfully completed the Internship Training in this workshop from **19/12/2022 to 03/01/2023**.

The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

He has submitted Technical Internship Program Report at this workshop.

With Best Wishes,


VISHAL YADAV
WM (R) / PL

WESTERN RAILWAYS



वेस्टर्न रेल्वे
Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022


With reference to above, **THAKUR VIRAJ**, of your institute has successfully completed the Internship Training in this workshop from **19/12/2022 to 03/01/2023**.

The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

He has submitted Technical Internship Program Report at this workshop.

With Best Wishes,


VISHAL YADAV
WM (R) / PL

WESTERN RAILWAYS



पश्चिम रेलवे
Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022

With reference to above, **CHAUDHARI DHANAL**, of your institute has successfully completed the Internship Training in this workshop from 19/12/2022 to 03/01/2023 .
The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

He has submitted Technical Internship Program Report at this workshop.
With Best Wishes,

VISHAL VADAY
WM (R) / PL

WESTERN RAILWAYS



वेस्टर्न रेल्वे
Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022

With reference to above, **CHAVAN RAKESH**, of your institute has successfully completed the Internship Training in this workshop from 19/12/2022 to 03/01/2023 .

The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

He has submitted Technical Internship Program Report at this workshop.

With Best Wishes,

VISHAL YADAV
WM (R) / PL

WESTERN RAILWAYS



पश्चिम रेलवे
Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022


With reference to above, **DHINDE VISHAL**, of your institute has successfully completed the Internship Training in this workshop from 19/12/2022 to 03/01/2023 .

The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

He has submitted Technical Internship Program Report at this workshop.

With Best Wishes,


VISHAL YADAV
CWM(R) / PL
Western Railway
Lower Parel, Mumbai - 400 013

WESTERN RAILWAYS



पश्चिम रेलवे
Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022


With reference to above, **BHINGALE AASHISH**, of your institute has successfully completed the Internship Training in this workshop from **19/12/2022** to **03/01/2023**.

The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

He has submitted Technical Internship Program Report at this workshop.

With Best Wishes,


VISHAL YADAV
WM (R) / PL

WESTERN RAILWAYS



Western Railway
Mumbai

No. BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV DL 17/12/2022

With reference to above, DESHPANDE KRUTARTH, of your institute has successfully completed the Internship Training in this workshop from 19/12/2022 to 03/01/2023.

The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

He has submitted Technical Internship Program Report at this workshop.
With Best Wishes.

VISHAL YADAV
CWM (TR) / PL

WESTERN RAILWAYS



पश्चिम रेलवे
Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022

With reference to above, **BANSOD AMIT D.** of your institute has successfully completed the Internship Training in this workshop from 19/12/2022 to 03/01/2023 .

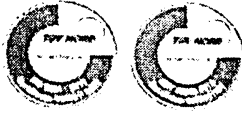
The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

He has submitted Technical Internship Program Report at this workshop.

With Best Wishes,

कारखाना प्रमुख (पारो)
Workshop Manager (P)
पश्चिम रेलवे (R) / PL
Western Railway
नि.म. जोशी मार्ग, मुम्बई - ४०० ०१३
Lower Parel, Mumbai-13



SUJAN INDUSTRIES

06th July 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Amit Bansod was working with our organization as an Implant Trainee Engineer for period of 1 month from 1st June 2023 to 6th July 2023.

During his tenure with us he has gained experience in the field of Foundry, Metal Casting, and Various processes of injection and Compression Moulding.

We have observed that the candidate is having hard working nature and sincere during the training period and wish him for better prospects and studies as well as career.

Thank you,

Harishankar Patil

HR Head.



WESTERN RAILWAYS



Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt 17/12/2022

With reference to above, HALDE SAMEER S., of your Institute has successfully completed the Internship Training in this workshop from 19/12/2022 to 03/01/2023.

The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS.

He has submitted Technical Internship Program Report at this workshop.

With Best Wishes,

VISHAL VADAY
कार्यालय प्रमुख (कार)
Workshop (CWM/PL/CR)
पारेल पारेल
Western Railway
नि.प.पारेल, मुंबई-४०००१३
Lower Parel, Mumbai - 400 013

WESTERN RAILWAYS



पश्चिम रेलवे
Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022

With reference to above, **MATE KIRAN S.** of your institute has successfully completed the Internship Training in this workshop from **19/12/2022 to 03/01/2023**.

The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

He has submitted Technical Internship Program Report at this workshop.

With Best Wishes,

VISHAL YADAV
WM (R) / PL

WESTERN RAILWAYS



पश्चिम रेलवे
Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022

With reference to above, **VIRAJ VIJAY TEJAM**, of your institute has successfully completed the Internship Training in this workshop from **19/12/2022** to **03/01/2023**.

The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

He has submitted Technical Internship Program Report at this workshop.

With Best Wishes,

VISHAL YADAV
WM (R) / PL
24

WESTERN RAILWAYS



वेस्टर्न रेल्वे
Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022


With reference to above, **BAGADE RUCHA S.** of your institute has successfully completed the Internship Training in this workshop from **19/12/2022 to 03/01/2023**.

The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

She has submitted Technical Internship Program Report at this workshop.

With Best Wishes,


VISHAL YADAV
WM (R) / PL

WESTERN RAILWAYS



Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL- Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022

With reference to above, **PATANKAR TANMAY**, of your institute has successfully completed the Internship Training in this workshop from **19/12/2022** to **03/01/2023**.
The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of I HB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

He has submitted Technical Internship Program Report at this workshop
With Best Wishes,

VISHAL YADAV
WM (R) / PL

WESTERN RAILWAYS



पुणे रेल्वे
Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022

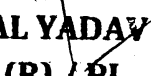
With reference to above, **DHURI ANUJ G.** of your institute has successfully completed the Internship Training in this workshop from **19/12/2022 to 03/01/2023**.

The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components – its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle – Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

He has submitted Technical Internship Program Report at this workshop.

With Best Wishes,


VISHAL YADAV
WM (R) / PL

WESTERN RAILWAYS



पश्चिम रेलवे
Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022

With reference to above, **VARTAK SARVESH B.** of your institute has successfully completed the Internship Training in this workshop from **19/12/2022 to 03/01/2023**.

The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

He has submitted Technical Internship Program Report at this workshop.

With Best Wishes,

VISHAL YADAV
कारखाना प्रबंधक (आर)
WM (R) / PL
पश्चिम रेलवे
Western Railway
लोअर पारेल, मुंबई - ४०० ०१३
Lower Parel, Mumbai - 400 013

WESTERN RAILWAYS



पश्चिम रेलवे
Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022

With reference to above, **TAMBE SALONI D.** of your institute has successfully completed the Internship Training in this workshop from **19/12/2022 to 03/01/2023**.

The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

She has submitted Technical Internship Program Report at this workshop.

With Best Wishes,

VISHAL YADAV
पश्चिम रेलवे (अ.र.)
CWM (R) / PL
Workshop Manager (R)

Western Railway
N M Joshi Marg, Lower
Parel, Mumbai-13

WESTERN RAILWAYS



पश्चिम रेलवे
Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022

With reference to above, **DARADE AMOL B.** of your institute has successfully completed the Internship Training in this workshop from **19/12/2022 to 03/01/2023** .

The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

He has submitted Technical Internship Program Report at this workshop.

With Best Wishes,

VISHAL YADAV
CWM (R) / PL (R)
Western Railway
Lower Parel, Mumbai - 400 013

WESTERN RAILWAYS



वेस्टर्न रेल्वे
Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: **Completion of Internship Training.**

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022

With reference to above, **HAZRA ABHIGYA**, of your institute has successfully completed the Internship Training in this workshop from **19/12/2022 to 03/01/2023**.

The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
1. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

he has submitted Technical Internship Program Report at this workshop.

With Best Wishes,

VISHAL YADAV
WM (R) / PL

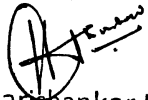
06th July 2023TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Abhigya Hazara** was working with our organization as an Implant Trainee Engineer for period of 1 month from 1st June 2023 to 30th June 2023.

During his tenure with us he has gained experience in the field of Foundry, Metal Casting, and Various processes of injection and Compression Moulding.

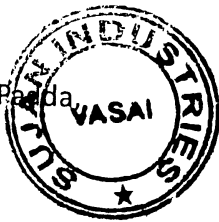
We have observed that the candidate is having hard working nature and sincere during the training period and wish him for better prospects and studies as well as career.

Thank you,



Harishankar Padga

HR Head.



WESTERN RAILWAYS



पश्चिम रेलवे
Western Railway

No: BTC/PL/2022/13

Office of CWM/PL
Western Railway,
Carriage Repair Workshop,
N M Joshi Marg, Lower
Parel, Mumbai - 400 013

Date: 03/01/2023

To,
The Principal,
Vidyavardhini's College of Engineering & Technology
Vasai Road - (W) Dist- Palghar
401202

SUB: Completion of Internship Training.

Ref: CWM/PL's Office L NO. E1131/CW/1 Vol-IV Dt. 17/12/2022

With reference to above, **RAUT PRABHOD P.**, of your institute has successfully completed the Internship Training in this workshop from **19/12/2022 to 03/01/2023**.

The topics covered in training are:

1. Air brake system of Railway Coaches.
2. Bogie components - its function and repair work.
3. Maintenance practice of LHB FIAT Bogie.
4. Wheel, Axle - Process of assembly and failure analysis.
5. Precision measuring instruments used in workshop for different mechanical operations and assembly work.
6. Bearing Assembly & dismantling process, Bearing failure study.
7. Shock absorber and springs.
8. Coach body corrosion repair.
9. Painting procedure of railway coaches.
10. Furnishing of AC & Non AC coaches.
11. ISO concept and IMS

He has submitted Technical Internship Program Report at this workshop.

With Best Wishes,

VISHAL YADAV
कारखाना प्रबन्धक (आर)
WM (R) / PL
Workshop Manager (R)
पश्चिम रेलवे
Western Railway
लोअर पारेल, मुंबई-४००
Lower Parel, Mumbai-400

ELECTRICAL TRAINING CENTRE

EMU CARSHED, VIRAR



पश्चिम रेलवे
WESTERN RAILWAY

CERTIFICATE



Certified that Mr/Miss HARSHIT PATIL

Studying B.E./B.TECH./DIPLOMA in MECHANICAL

Engineering in Sem. V of VIDYAVARDHINI'S COL. OF

ENGG. & TECH has successfully completed Industrial Training

From 19.12.22 to 03.01.23 at EMU Carshed, Virar, (W.R.)

Date: 03.01.2023



[Signature]
31/01/23
PRINCIPAL
ETC/VIRAR



Date: 4th July, 2023

TO WHOMSOEVER IT MAY CONCERN

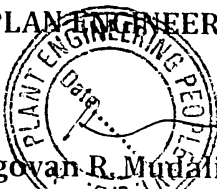
This is to certify that **Mr. HARSHIT GANESH PATIL**, a student of B.E (Mechanical Engineering - Third Year - 6th Semester) from Vidyavardhini's College of Engineering & Technology, Vasai has successfully completed his Industrial In-plant training & Internship with observation on "**Galvanizing Process**" at **M/S PLANT ENGINEERING PEOPLE PRIVATE LIMITED - Tarapur.**

The duration of the project was from **19th June 2023** to **1st July, 2023.**

We have found him hard working and sincere during the training period.

We wish him best of luck for his future endeavour and career.

For **PLANT ENGINEERING PEOPLE PVT. LTD.,**



Elangovan R. Mudaliyar
(Managing Director)

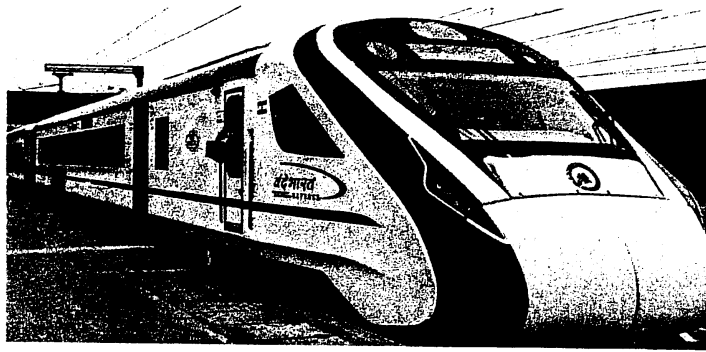
ELECTRICAL TRAINING CENTRE

EMU CARSHED, VIRAR



पश्चिम रेलवे
WESTERN RAILWAY

CERTIFICATE



Certified that Mr/Miss ATHARVA SANKHE

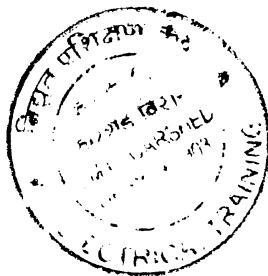
Studying B.E./B.TECH./DIPLOMA in MECHANICAL

Engineering in Sem. V of VIDYAVARDHINI'S COL. OF

ENGG. & TECH. has successfully completed Industrial Training

From 19.12.22 to 03.01.23 at EMU Carshed, Virar, (W.R.)

Date: 03.01.2023




3/01/23
PRINCIPAL
ETC/VIRAR



Glaum Enclosures Pvt. Ltd.

Aiming for your success.

Head Office

101, 1st Floor, Sai Jharokha, Sant Gadge Maharaj Road, Ashokvan,
Opp. Universal High School, Borivali East, Mumbai - 400066. INDIA

10th July 2023

INTERNSHIP CERTIFICATE

This is to certify that Mr. Atharva Sankhe, Student of Vidyavardhini's college of Engineering and Technology, Vasai has successfully completed internship training in the field of "Mechanical" at Glaum Enclosures Pvt. Ltd for the period of 29th May 2023 to 17th June 2023.

During his tenure with us, we found him sincere, honest and hardworking with a self-motivated attitude to learn new things.

We wish him all the best in his future endeavours.

Regards



Shailesh Shinde

Director

Glaum Enclosure Pvt. Ltd.

Email: glaum@glaumracks.com



+91 90043 05555



glaum@glaumracks.com



U29253MH2011PTC217908



www.glaumracks.com

Factory

Building No. 64, HDIL Industrial Park, Chandansar,
Virar East, Palghar - 401303, Maharashtra, India.

ELECTRICAL TRAINING CENTRE

EMU CARSHED, VIRAR



पश्चिम रेलवे
WESTERN RAILWAY

CERTIFICATE



Certified that Mr/Miss YASH DILIP SHIKHARE

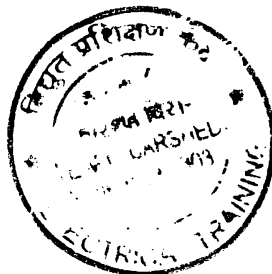
Studying B.E./B.TECH./DIPLOMA in MECHANICAL


Engineering in Sem. VII of VIDYAVARDHINI'S COL. OF

ENGG.&TECH. has successfully completed Industrial Training

From 19.12.22 to 03.01.23 at EMU Carshed, Virar, (W.R.)

Date: 03.01.2023




21/01/23
PRINCIPAL
ETC/VIRAR

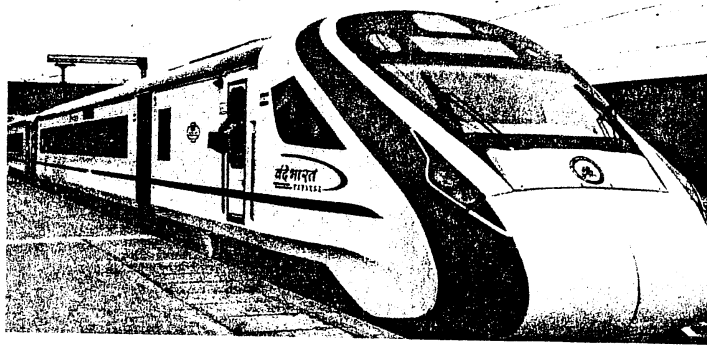
ELECTRICAL TRAINING CENTRE

EMU CARSHED, VIRAR



पश्चिम रेलवे
WESTERN RAILWAY

CERTIFICATE



Certified that Mr/Miss OMKAR DHURI

Studying B.E./B.TECH./DIPLOMA in MECHANICAL

Engineering in Sem. V of VIDYAVARDHINI'S COL. OF

ENGG & TECH. has successfully completed Industrial Training

From 19.12.22 to 03.01.23 at EMU Carshed, Virar, (W.R.)

Date: 03.01.2023




3/01/23
PRINCIPAL
ETC/VIRAR

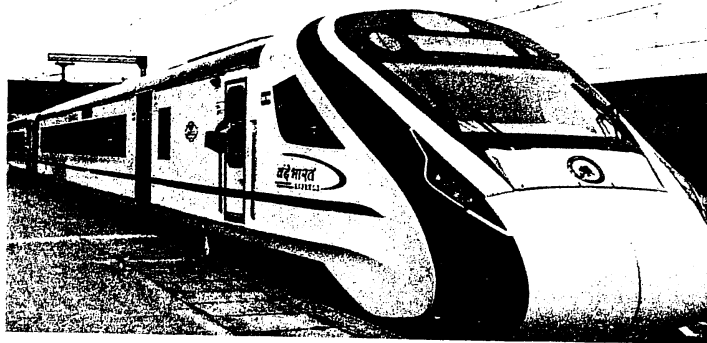
ELECTRICAL TRAINING CENTRE

EMU CARSHED, VIRAR



पश्चिम रेलवे
WESTERN RAILWAY

CERTIFICATE



Certified that Mr/Miss DHRUVIT CHAUDHARI

Studying B.E./B.TECH./DIPLOMA in MECHANICAL

Engineering in Sem. V of VIDYAVARDHINI'S COL. OF

ENGG. & TECH. has successfully completed Industrial Training

From 19.12.22 to 03.01.23 at EMU Carshed, Virar, (W.R.)

Date: 03.01.2023




PRINCIPAL
ETC/VIRAR



Date: 4th July, 2023

TO WHOMSOEVER IT MAY CONCERN

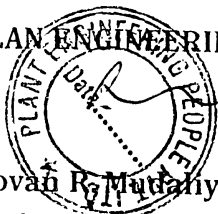
This is to certify that **Mr. DHRUVIT BHUPENDRA CHAUDHARI**, a student of B.E (Mechanical Engineering - Third Year - 6th Semester) from Vidyavardhini's College of Engineering & Technology, Vasai has successfully completed his Industrial In-plant training & Internship with observation on "Galvanizing Process" at **M/S PLANT ENGINEERING PEOPLE PRIVATE LIMITED - Tarapur.**

The duration of the project was from **19th June 2023** to **1st July, 2023.**

We have found him hard working and sincere during the training period.

We wish him best of luck for his future endeavour and career.

For **PLANT ENGINEERING PEOPLE PVT. LTD.,**



Elangovan R. Mudaliyar
(Managing Director)

ELECTRICAL TRAINING CENTRE

EMU CARSHED, VIRAR



पश्चिम रेलवे
WESTERN RAILWAY

CERTIFICATE



Certified that Mr/Miss SATYASHEEL PATADE

Studying B.E./B.TECH./DIPLOMA in MECHANICAL

Engineering in Sem. III of VIDYAVARDHINI'S COL. OF

ENGG. & TECH has successfully completed Industrial Training

From 19.12.22 to 03.01.23 at EMU Carshed, Virar, (W.R.)

Date: 03.01.2023



[Signature]
31/01/23
PRINCIPAL
ETC/VIRAR

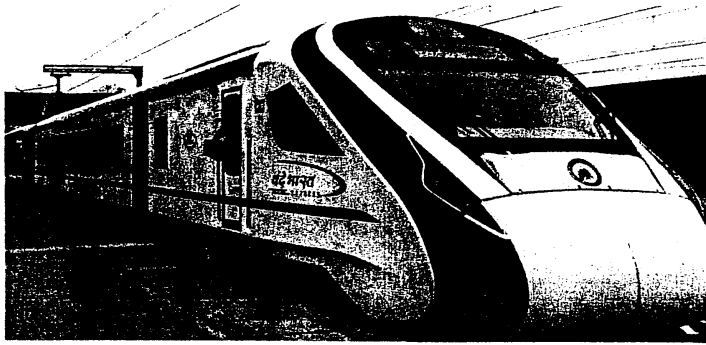
ELECTRICAL TRAINING CENTRE

EMU CARSHED, VIRAR



पश्चिम रेलवे
WESTERN RAILWAY

CERTIFICATE



Certified that Mr/Miss OM KAMAT

Studying B.E./B.TECH./DIPLOMA in MECHANICAL

Engineering in Sem. III of VIDYAVARDHINI'S COL. OF

ENGG. & TECH has successfully completed Industrial Training

From 19.12.22 to 03.01.23 at EMU Carshed, Virar, (W.R.)

Date: 03.01.2023



Alum
3/01/23
PRINCIPAL
ETC/VIRAR



Passion, Innovation and Service

Perfect Printgraph Engineers LLP.

Mfg. Flexographic Printing Press and Allied Packaging Machinery

Factory Add.: Gala No. Z-1, Survey No.36, J K Compound, Khairpada, Bh. Novelty Hotel, Virar East, Palghar - 401305.
Cell : +91 9820042647 / +91 9323948916 • Email: info@printgraph.in • Website : www.printgraph.in



Date: 16th June, 2023

To Whomsoever It May Concern

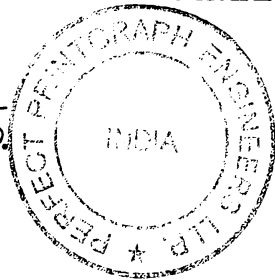
This is to certify that Mr. Kamat Om Vineet, a Mechanical Engineering Student of Vidyavardhini's College of Engineering and Technology; Vasai has completed overall internship from our Firm from 29th May 2023 to 17th June 2023 successfully and was found to be sincere, honest and hardworking.

We wish him all the best for his future endeavour.

Thanks and regards,

For PERFECT PRINTGRAPH ENGINEERS LLP.

Authorised Signatory



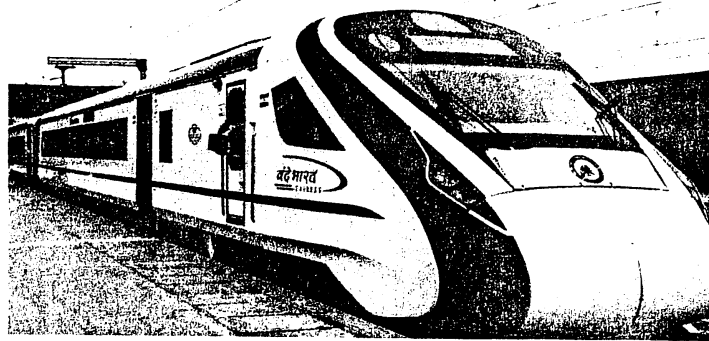
ELECTRICAL TRAINING CENTRE

EMU CARSHED, VIRAR



पश्चिम रेलवे
WESTERN RAILWAY

CERTIFICATE



Certified that Mr/Miss YASH JAISWAR

Studying B.E./B.TECH./DIPLOMA in MECHANICAL

Engineering in Sem. V of VIDYAVARDHINI'S COL. OF

ENGG. & TECH. has successfully completed Industrial Training

From 19.12.22 to 03.01.23 at EMU Carshed, Virar, (W.R.)

Date: 03.01.2023




3/01/23
PRINCIPAL
ETC/VIRAR

06th July 2023


TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Yash Jaiswar was working with our organization as an Implant Trainee Engineer for period of 1 month from 1st June 2023 to 6th July 2023.

During his tenure with us he has gained experience in the field of Foundry, Metal Casting, and Various processes of injection and Compression Moulding.

We have observed that the candidate is having hard working nature and sincere during the training period and wish him for better prospects and studies as well as career.

Thank you,


Hanshankar
HR Head.



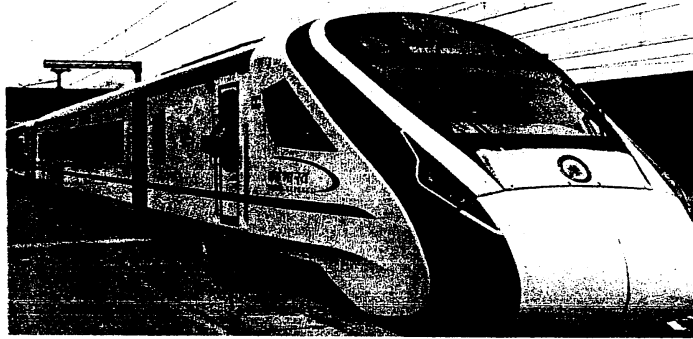
ELECTRICAL TRAINING CENTRE

EMU CARSHED, VIRAR



पश्चिम रेलवे
WESTERN RAILWAY

CERTIFICATE



Certified that Mr/Miss PARESH PATIL

Studying B.E./B.TECH./DIPLOMA in MECHANICAL

Engineering in Sem. III of VIDYAVARDHINI'S COL. OF

ENGG. & TECH. has successfully completed Industrial Training

From 19.12.22 to 03.01.23 at EMU Carshed, Virar, (W.R.)

Date: 03.01.2023




3/01/23
PRINCIPAL
ETC/VIRAR



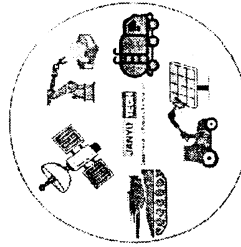
Spearheading Robotic Revolution

Certificate of Internship

This certificate is proudly presented to

Atharva Vartak

for successful completion of Automation Intern learning for the period 23rd December 2022 to 14th January 2023. He displayed remarkable performance in the internship.



The Future Of Automation

Certificate ID: JT237

Rajesh Modgekar

Head of Operation - Janyutech

Date:- 31-07-2023

TO WHOMSOEVER IT MAY CONCERN

This is to Certify that Mr. **Atharva Vartak** has successfully completed 4 weeks of an Internship program. His internship tenure was from 5th June 2023 to 1st July 2023 in our Organization.

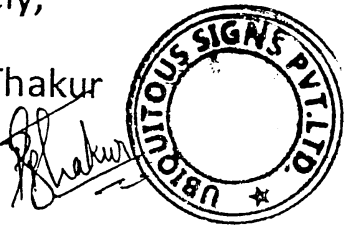
During the above period, we found that he was consistent, honest, and diligent in his assigned duties and responsibilities.

We wish him great success in his future endeavours.

Sincerely,

Pooja Thakur

(HRD)



Ubiquitous Signs Pvt.Ltd.



17.06.2023

TRAINING CERTIFICATE

This is to certify that **Mr. Zulfekar Chand Siddiquie** student of Vidyavardhini' s College of Engineering & Technology, K.T. Marg, Vasai Road (W), Dist. Palghar 401 202, has successfully completed Internship Training in the field "**Mechanical Engineering**" at our organization for the period 29th May 2023 to 17th June 2023.

During the internship period, we found his sincere, hardworking and result oriented. He worked well as part of a team during this tenure. We take this opportunity to wish all the best for his future assignment.

For **Aarti Drugs Limited.**

Authorized Signatory

M.E. AARTI DRUGS LTD.
(Rupal Chemicals Division)
Plot No. E-120, 105, 106, 119, 104
MIDC, Tarapur, Boisar - 401506

17.06.2023

TRAINING CERTIFICATE

This is to certify that **Mr. Heramb lav Shinde** student of Vidyavardhini's College of Engineering & Technology, K.T. Marg, Vasai Road (W), Dist. Palghar 401 202, has successfully completed Internship Training in the field "**Mechanical Engineering**" at our organization for the period 05th June 2023 to 17th June 2023.

During the internship period, we found his sincere, hardworking and result oriented. He worked well as part of a team during this tenure. We take this opportunity to wish all the best for his future assignment.

For **Aarti Drugs Limited.**



Authorized Signatory

M/s. AARTI DRUGS LTD.
(Rashesh Chemicals Division)
Plot No E-9/3, 4, MIDC,
TARAPUR.



Glaum Enclosures Pvt. Ltd.

Aiming for your success.

Head Office

101, 1st Floor, Sai Jharkha, Sant Gadge Maharaj Road, Ashokvan,
Opp. Universal High School, Borivali East, Mumbai – 400066. INDIA

10th July 2023



INTERNSHIP CERTIFICATE

This is to certify that Mr. Vruttik Anand Bhoir, Student of Vidyavardhini's college of Engineering and Technology, Vasai has successfully completed internship training in the field of "Mechanical" at Glaum Enclosures Pvt. Ltd for the period of 29th May 2023 to 17th June 2023.

During his tenure with us, we found him sincere, honest and hardworking with a self-motivated attitude to learn new things.

We wish him all the best in his future endeavours.

Regards

Shailesh Shinde

Director

Glaum Enclosure Pvt. Ltd.

Email: glaum@glaumracks.com



AN ISO:TS 16949 CERTIFIED COMPANY



Industries (MIDC)
Casting World

- MANUFACTURERS OF PRESSURE DIE CASTING IN ALUMINIUM & ZINC ALLOYS &
- EXPORTS OF EARTHING, LIGHTENING, PROTECTION ACCESSORIES.
- O.E. ACCESSORIES FOR TWO & FOUR WHEELERS.

- DIECASTERS
- FOUNDERS • ENGINEERS
- MACHINERY SPARES
- INJECTION MOLDING

(INTERNSHIP CERTIFICATE)

TO WHOMSOEVER IT MAY CONCERN

17th June 2023

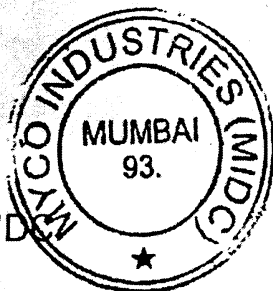
This is to certify that Mr. Rohan S. Salvi, son of Mr. Sanjay Salvi, studying in Mechanical Engineering Department of Vidyavardhini's College of Engineering and Technology has successfully completed Internship in our organization from 29.05.2023 to 17.06.2023.

During his tenure, we found him active and competent in executing all assigned task and services.

We wish him great success in all of his future endeavors.

Riyaz Khan

Myco Industries MIDC





AN ISO/TS 16949 CERTIFIED COMPANY



Industries (MIDC)
Casting World

- MANUFACTURERS OF PRESSURE DIE CASTING IN ALUMINIUM & ZINC ALLOYS &
- EXPORTS OF EARTHING, LIGHTENING, PROTECTION ACCESSORIES.
- O.E. ACCESSORIES FOR TWO & FOUR WHEELERS.

- DIECASTERS**
- FOUNDERS • ENGINEERS**
- MACHINERY SPARES
- INJECTION MOLDING

(INTERNSHIP CERTIFICATE)

TO WHOMSOEVER IT MAY CONCERN

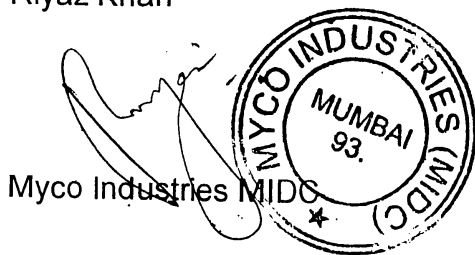
17th June 2023

This is to certify that Mr. Pranit U. Ghanekar, son of Mr. Uday Ghanekar, studying in Mechanical Engineering Department of Vidyavardhini's College of Engineering and Technology has successfully completed Internship in our organization from 29.05.2023 to 17.06.2023.

During his tenure, we found him active and competent in executing all assigned task and services.

We wish him great success in all of his future endeavors.

Riyaz Khan





AN ISO/TS 16949 CERTIFIED COMPANY



Industries (MIDC)
Casting World

- MANUFACTURERS OF PRESSURE DIE CASTING IN ALUMINIUM & ZINC ALLOYS &
- EXPORTS OF EARTHING, LIGHTENING, PROTECTION ACCESSORIES.
- O.E. ACCESSORIES FOR TWO & FOUR WHEELERS.

- DIECASTERS**
- FOUNDERS • ENGINEERS**
- MACHINERY SPARES.
- INJECTION MOLDING

(INTERNSHIP CERTIFICATE)

TO WHOMSOEVER IT MAY CONCERN

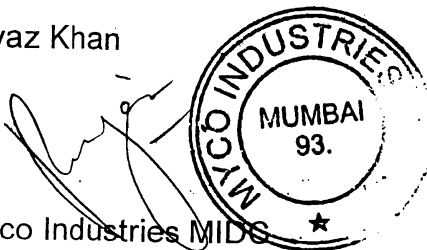
17th June 2023

This is to certify that Mr. Pratham N. Makwana, son of Mr. Nitin Makwana, studying in Mechanical Engineering Department of Vidyavardhini's College of Engineering and Technology has successfully completed Internship in our organization from 29.05.2023 to 17.06.2023.

During his tenure, we found him active and competent in executing all assigned task and services.

We wish him great success in all of his future endeavors.

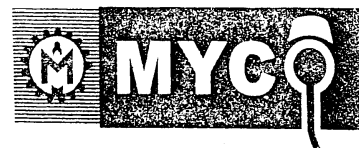
Riyaz Khan



Myco Industries MIDS



AN ISO/TS 16949 CERTIFIED COMPANY



Industries (MIDC)
Casting World

DIECASTERS
FOUNDERS • ENGINEERS
• MACHINERY SPARES
• INJECTION MOLDING

- MANUFACTURERS OF PRESSURE DIE CASTING IN ALUMINIUM & ZINC ALLOYS &
- EXPORTS OF EARTHING, LIGHTENING, PROTECTION ACCESSORIES.
- O.E. ACCESSORIES FOR TWO & FOUR WHEELERS.

(INTERNSHIP CERTIFICATE)

TO WHOMSOEVER IT MAY CONCERN

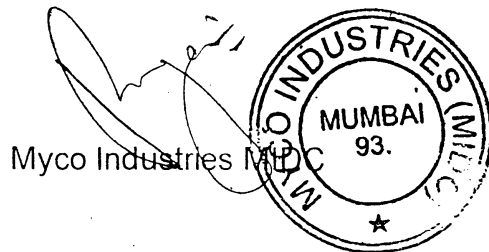
17th June 2023

This is to certify that Mr. Aditya S. Sakpal, son of Mr. Santosh Sakpal, studying in Mechanical Engineering Department of Vidyavardhini's College of Engineering and Technology has successfully completed Internship in our organization from 29.05.2023 to 17.06.2023.

During his tenure, we found him active and competent in executing all assigned task and services.

We wish him great success in all of his future endeavors.

Riyaz Khan



Myco Industries MIDC



AN ISO/TS 16949 CERTIFIED COMPANY



Industries (MIDC)
Casting World

- MANUFACTURERS OF PRESSURE DIE CASTING IN ALUMINIUM & ZINC ALLOYS &
- EXPORTS OF EARTHING, LIGHTENING, PROTECTION ACCESSORIES.
- O.E. ACCESSORIES FOR TWO & FOUR WHEELERS.

- DIECASTERS**
- FOUNDERS • ENGINEERS**
- MACHINERY SPARES
- INJECTION MOLDING

(INTERNSHIP CERTIFICATE)

TO WHOMSOEVER IT MAY CONCERN

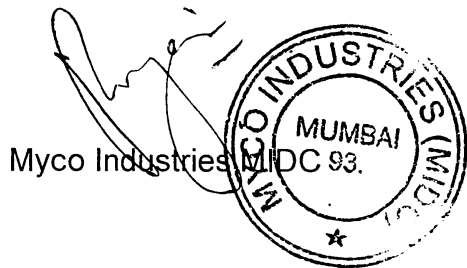
17th June 2023

This is to certify that Mr. Sairaj A. Jakal, son of Mr. Anant Jakal, studying in Mechanical Engineering Department of Vidyavardhini's College of Engineering and Technology has successfully completed Internship in our organization from 29.05.2023 to 17.06.2023.

During his tenure, we found him active and competent in executing all assigned task and services.

We wish him great success in all of his future endeavors.

Riyaz Khan





Passion, Innovation and Service

Perfect Printgraph Engineers LLP.

Mfg. Flexographic Printing Press and Allied Packaging Machinery

Factory Add.: Gala No. Z-1, Survey No.36, J K Compound, Khairpada, Bh. Novelty Hotel, Virar East, Palghar - 401305.
Cell : +91 9820042647 / +91 9323948916 • Email: info@printgraph.in • Website : www.printgraph.in



Date: 16th June, 2023

To Whomsoever It May Concern

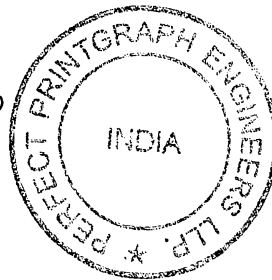
This is to certify that Mr. Parab Vighnesh Satish, a Mechanical Engineering Student of Vidyavardhini's College of Engineering and Technology; Vasai has completed overall internship from our Firm from 29th May 2023 to 17th June 2023 successfully and was found to be sincere, honest and hardworking.

We wish him all the best for his future endeavour.

Thanks and regards,

For **PERFECT PRINTGRAPH ENGINEERS LLP.**


Authorised Signatory.





Passion, Innovation and Service

Perfect Printgraph Engineers LLP.

Mfg. Flexographic Printing Press and Allied Packaging Machinery

Factory Add.: Gala No. Z-1, Survey No.36, J K Compound, Khairpada, Bh. Novelty Hotel, Virar East, Palghar - 401305.
Cell : +91 9820042647 / +91 9323948916 • Email: info@printgraph.in • Website : www.printgraph.in



Date: 16th June, 2023

To Whomsoever It May Concern

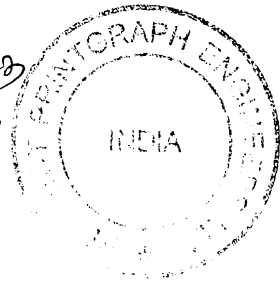
This is to certify that Mr. Vignesh Kadrivel, a Mechanical Engineering Student of Vidyavardhini's College of Engineering and Technology; Vasai has completed overall internship from our Firm from 29th May 2023 to 17th June 2023 successfully and was found to be sincere, honest and hardworking.

We wish him all the best for his future endeavour.

Thanks and regards,

For PERFECT PRINTGRAPH ENGINEERS LLP.

Rahul
16.6.23
Authorised Signatory.



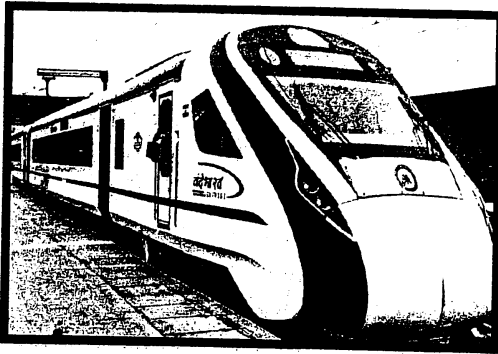
ELECTRICAL TRAINING CENTRE

EMU CARSHED, VIRAR



पश्चिम रेलवे
WESTERN RAILWAY

CERTIFICATE



Certified that Mr/Miss AMBIKALAI GUPTA

Studying B.E./B.TECH./DIPLOMA in MECHANICAL

Engineering in Sem. V of V.C.E.T VASAI (W)

_____ has successfully completed Industrial Training

From 29-05-23 to 17-06-23 at EMU Carshed, Virar, (W.R.)

Date: 17-06-2023

PRINCIPAL
ETC/VIRAR

ELECTRICAL TRAINING CENTRE

EMU CARSHED, VIRAR



पश्चिम रेलवे
WESTERN RAILWAY



Certified that Mr/Miss ACTAR DAFEDAR

Studying B.E./B.TECH./DIPLOMA in MECHANICAL

Engineering in Sem. V of V.C.E.T VASAI (W)

_____ has successfully completed Industrial Training

From 29-05-23 to 17-06-23 at EMU Carshed, Virar, (W.R.)

Date: 17-06-23


PRINCIPAL
ETC/VIRAR

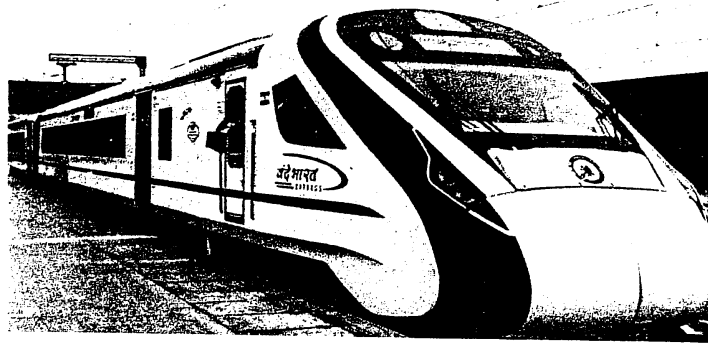
ELECTRICAL TRAINING CENTRE

EMU CARSHED, VIRAR



पश्चिम रेलवे
WESTERN RAILWAY

CERTIFICATE



Certified that Mr/Miss JASH MANKAR


Studying B.E./B.TECH./DIPLOMA in MECHANICAL

Engineering in Sem. VI of V.C.E.T VASAI (W)

_____ has successfully completed Industrial Training

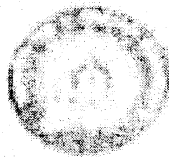
From 29-05-23 to 17-06-23 at EMU Carshed, Virar, (W.R.)

Date: 17-06-2023


PRINCIPAL
ETC/VIRAR

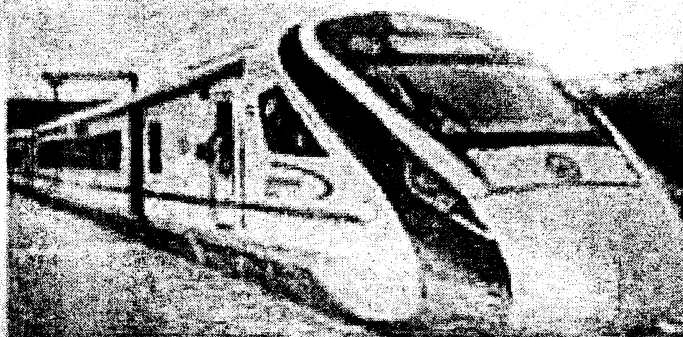
ELECTRICAL TRAINING CENTRE

EMU CARSHED, VIRAR



विद्यया ऽ मृतमश्नुते
विद्यया ऽ मृतमश्नुते

CERTIFICATE



Certified that Mr/Miss HARSH PATIL

Studying B.E./B.TECH./DIPLOMA In MECHANICAL

Engineering In Sem. V of V.C.E.T. VASDI [W]

_____ has successfully completed Industrial Training

From 29-05-23 to 17-06-23 at EMU Carshed, Virar, (W.R.)

Date: 17-06-2023

PRINCIPAL
ETC/VIRAR



DATE:- 26.06.2023

This is to certify that **Mr. Rohit Ramesh Gorivale**, a student of Mechanical Engineering(4th semester), from Vidyavardhini's College Of Engineering & Technology, Vasai West, Dist. Palghar has successfully completed his Internship from 6th June 2023 to 24th June 2023, long internship programme at this company.

In this internship period he learned about production process including CNC-VMC Programming, Lathe machine operations, Welding operations quality related processes & many more.

During the period of his internship programme with us he found punctual, hardworking & inquisitive.

We wish him every success in life.

Chintamani Engineering India Pvt. Ltd.

Vasai East - 401 208



Director,

[Signature]
26.06.23

Regd Off.:

201, New Rahul CHS Suyog. Nagar, Chule Bhabola Road, Vasai (W), Palghar - 401202

Factory & Communication:

Unit No. 1/2, Ground Floor, Munani Industrial Estate, Behind Hotel Madhura, Sativali Road Vasai (E), Palghar - 401208

Phone: 8108050531, Mob: 8552032548/2059

Email: info@chintamaniengineering.com, sales@chintamaniengineering.com

www.chintamaniengineering.com



NEVATIA STEEL & ALLOYS PVT. LTD.

004, Lodha Supreme, 5th Floor, Dr. E. Moses Road, Vasai, Mumbai - 401 010, INDIA

Tel: +91 22 6192 6192 • Fax: +91 22 6192 6100

E-mail: info@nevatiasteel.com • Website: www.nevatiasteel.com

CIN: U27100MH1972PL10048866

13th July 2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. Govind Suhas Kasralikar**, a student of Vidyavardhini's College of Engineering & Technology, Vasai has undergone & completed internship in Maintenance department at our Unit-I, Plot No. G24 M.I.D.C., Tarapur from 29-05-2023 to 27-06-2023 as per requirement of the Technical Institute.


He has worked in a team and developed a prototype for TIG rod automatic embossing machine.

During his internship we found him to be hard working and diligent in his work.

We wish him all the best for all future endeavours.

Thanking You,
Yours faithfully

For Nevatia Steel & Alloys Pvt. Ltd


(Sr. Manager H.R & Admn.)





NEVATIA STEEL & ALLOYS PVT. LTD.

904, Lohana Supermarket, 6th Floor, D. C. Kadas Road, Worli, Mumbai - 400 018, INDIA
Tel : +91 22 6192 6192 • Fax : +91 22 6192 6100
E-mail : info@nevatiasteel.com • Website : www.nevatiasteel.com
CIN : U27100MH1992PT0045600

13th July 2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. Rushabh Ravindra Jadhav**, a student of Vidyavardhini's College of Engineering & Technology, Vasai has undergone & completed internship in Maintenance department at our Unit-I, Plot No. G24 M.I.D.C., Tarapur from 29-05-2023 to 27-06-2023 as per requirement of the Technical Institute.

He has worked in a team and developed a prototype for TIG rod automatic embossing machine.

During his internship we found him to be hard working and diligent in his work.

We wish him all the best for all future endeavours.

Thanking You,
Yours faithfully

For Nevatia Steel & Alloys Pvt. Ltd


(Sr. Manager HR & Admn.)



59



IATF 16949
ISO 9001
ISO 14001
ISO 45001



NEVATIA STEEL & ALLOYS PVT. LTD.

914, Latha & Sumanus, 9th Floor, D. E. Moses Road, Worli, Mumbai - 400 015, INDIA
Tel: +91 22 6 92 6192 • Fax: +91 22 6192 6100
E-mail: info@nevatiasteel.com • Website: www.nevatiasteel.com
CIN: U27100MH1965PT0045666

13th July 2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. Aditya Sudesh Sawant**, a student of Vidyavardhini's College of Engineering & Technology, Vasai has undergone & completed internship in Maintenance department at our Unit-I, Plot No. G24 M.I.D.C., Tarapur from 29-05-2023 to 27-06-2023 as per requirement of the Technical Institute.

He has worked in a team and developed a prototype for TIG rod automatic embossing machine.

During his internship we found him to be hard working and diligent in his work.

We wish him all the best for all future endeavours.

Thanking You,
Yours faithfully

For Nevatia Steel & Alloys Pvt. Ltd


(Sr. Manager H.R & Admin)



60



IATF 16949
ISO 9001
ISO 14001
ISO 45001



NEVATIA STEEL & ALLOYS PVT. LTD.

904, Lodha Supremus, 9th Floor, Dr. B. Moses Road, Worli, Mumbai - 400 010, INDIA
Tel: +91 22 6192 6192 • Fax: +91 22 6192 6100
E-mail: info@nevalas.com • Website: www.nevalas.com
CIN: U27100MH1997NPT0046606

13th July 2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. Ayush Prakash Salgaonkar**, a student of Vidyavardhini's College of Engineering & Technology, Vasai has undergone & completed internship in Maintenance department at our Unit-1, Plot No. G24 M.I.D.C., Tarapur from 29-05-2023 to 27-06-2023 as per requirement of the Technical Institute.


He has worked in a team and developed a prototype for TIG rod automatic embossing machine.

During his internship we found him to be hard working and diligent in his work.

We wish him all the best for all future endeavours.

Thanking You,
Yours faithfully

For Nevatia Steel & Alloys Pvt. Ltd


(Sr. Manager H.R. & Admn.)



61



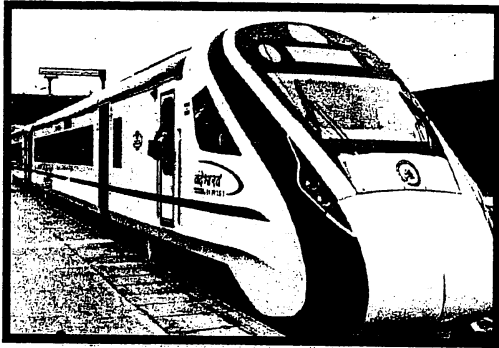
ELECTRICAL TRAINING CENTRE

EMU CARSHED, VIRAR



पश्चिम रेलवे
WESTERN RAILWAY

CERTIFICATE



Certified that Mr/Miss REUBEN WILSON NORONHA

Studying B.E./B.TECH./DIPLOMA in MECHANICAL

Engineering in Sem. IV of Vidyavardhini's College of Engineering & Technology has successfully completed Industrial Training

From 12.06.23 to 01.07.23 at EMU Carshed, Virar, (W.R.)

Date: 01.07.2023.

PRINCIPAL
ETC/VIRAR

Date:- 31-07-2023

TO WHOMSOEVER IT MAY CONCERN

This is to Certify that Mr. Krish Vaity has successfully completed 4 weeks of an Internship program. His internship tenure was from 5th June 2023 to 1st July 2023 in our Organization.

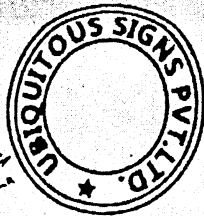
During the above period, we found that he was consistent, honest, and diligent in his assigned duties and responsibilities.

We wish him great success in his future endeavours.

Sincerely,

Pooja Thakur

(HRD)



Ubiquitous Signs Pvt.Ltd.

Date:- 31-07-2023

TO WHOMSOEVER IT MAY CONCERN

This is to Certify that Mr. **Atharva Vaidya** has successfully completed 4 weeks of an Internship program. His internship tenure was from 5th June 2023 to 1st July 2023 in our Organization.

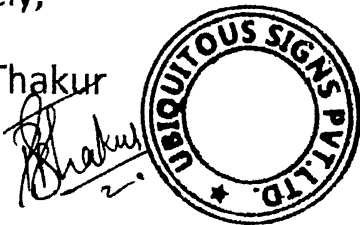
During the above period, we found that he was consistent, honest, and diligent in his assigned duties and responsibilities.

We wish him great success in his future endeavours.

Sincerely,

Pooja Thakur

(HRD)



Ubiquitous Signs Pvt.Ltd.

Date:- 31-07-2023

TO WHOMSOEVER IT MAY CONCERN

This is to Certify that Mr. **Naman Annadate** has successfully completed 4 weeks of an Internship program. His internship tenure was from 5th June 2023 to 1st July 2023 in our Organization.

During the above period, we found that he was consistent, honest, and diligent in his assigned duties and responsibilities.

We wish him great success in his future endeavours.

Sincerely,

Pooja Thakur

(HRD)



Ubiquitous Signs Pvt.Ltd.

Date:- 31-07-2023

TO WHOMSOEVER IT MAY CONCERN

This is to Certify that Mr. **Maitreya Hole** has successfully completed 4 weeks of an Internship program. His internship tenure was from 5th June 2023 to 1st July 2023 in our Organization.

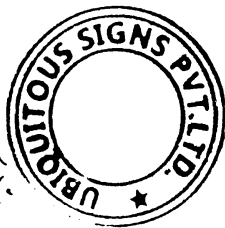
During the above period, we found that he was consistent, honest, and diligent in his assigned duties and responsibilities.

We wish him great success in his future endeavours.

Sincerely,

Pooja Thakur

(HRD)



Ubiquitous Signs Pvt.Ltd.

06th July 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Sachin Pal was working with our organization as an Implant Trainee Engineer for period of 1 month from 1st June 2023 to 6th July 2023.

During his tenure with us he has gained experience in the field of Foundry, Metal Casting, and Various processes of injection and Compression Moulding.

We have observed that the candidate is having hard working nature and sincere during the training period and wish him for better prospects and studies as well as career.

Thank you,


Harishankar P. P. da,

HR Head.




06th July 2023**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. Vivekkumar Gaud** was working with our organization as an Implant Trainee Engineer for period of 1 month from 1st June 2023 to 6th July 2023.

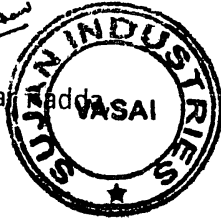
During his tenure with us he has gained experience in the field of Foundry, Metal Casting, and Various processes of injection and Compression Moulding.

We have observed that the candidate is having hard working nature and sincere during the training period and wish him for better prospects and studies as well as career.

Thank you,


Harishankar Nadda

HR Head.



Vidyavardhini's College of Engineering and Technology

Department of Mechanical Engineering

Industrial Projects 2022-23

Sr No	Name of the Student	Name of faculty	Product development title	Name of agency	Duration of project	
					From	To
1	Anagha Francis	Dr.Uday V. Aswalekar	Design and modification of cavity plate for injection mould of N/P	Jas Entreprise and Excel Engineering Works	Jul-22	Apr-23
2	Sakshi Tilwankar					
3	Chintan Patel	Dr. Ashish J Chaudhari	Design and Development of System for enhancing the life of EDM machine coolant filters.	M/s. Pacific Tools Pvt. Ltd., Vasai	Jul-22	Apr-23
4	Ashish Mudaliar					
5	Devang Raut					
6	Abhishek Tandel					
7	Hrutuja Jadhav	Dr. Ashish J Chaudhari	Design and Optimization of Quality Control by controlling mold scab rejection	M/s.SAECO Pvt.ltd., Pune	Jul-22	Apr-23
8	Pulkit Sunil Sing					
9	Shubham Irakar	Mr. Dipak J Chaudhari	Design and fabrication of hand exoskeleton for Rehabilitation of paralysis patient	Robo Bionic Pvt Ltd, Vasai	Jul-22	Apr-23
10	Udesh Kushte					
11	Suyash Hoskote					
12	Chetan K Parave	Mr. Swapnil R. Mane	Industrial Energy Audit and Carbon Footprinting	AVCON Controls Pvt. Ltd, Andheri	Jul-22	Apr-23
13	Krimesh P Patel					
14	Sagar Bhoite					
15	Shubham Gaikwad					
16	prashant sahu	Mr.Swapnil R. Mane	Energy Performance Analysis of Processes in Steel Industry	Uttam Galva	Jul-22	Apr-23
17	Rohit Adhikari					
18	Vedant Yamgar					
19	amit pandit					
20	Vaidik Bari	Mr. Mukund Kavekar	Design and Development of Automatic System for HEPA Filter Replacement in Industry	Plant Engineering People Pvt. Ltd,Boisar	Jul-22	Apr-23
21	Dhrupal Patil					
22	Mayur Deokar					
23	Ayush Singh	Ms. Priti Vairagi	Automatic Sorting And Packaging Of Moulded Parts Through Conveyor	Genesis Engineering ,Vasai	Jul-22	Apr-23
24	Samadhan Salve					
25	Deepesh Bhoir					
26	Jitesh Bhagudia					

27	Tejash Umesh Su	Mr. Tushar Raut	Design and Optimization of Spray Painting Machine for Injection Mould Plastic Products.	Om Galaxy Auto Moulds Pvt.Ltd	Jul-22	Apr-23
28	Jemit Pinal Shah					
29	Viraj Pravin Gup					
30	Gautam Darji					
31	Pushkar Mohan Ghaisas	Dr. Ashish J Chaudhari	Design and Modifiacion of Twin Layer Detergent Tablet Making Machine	Industrial PAtil Machinery Pvt.Ltd.Mumbai	Jul-22	Apr-23
32	Shrinivas kishor kini					
33	Aakash Sunil chaugule					
34	Apeksha maruti gawas					
35	amandeep jaiswar	Mr. Vinay D. Patel	Design and Fabrication of Dust Collection System	M/s. Synergy Water PArk Rides Pvt.Ltd.Vasai	Jul-22	Apr-23
36	Ankur Shah					
37	Rahul soni					

Asaf

HEAD

Dept. of Mechanical Engg.,
Vidyavardhini's College of
Engineering & Technology
Vasai Road 401 202,

VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY ,

VASAI ROAD, PIN-401202

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that project entitled has been carried out by

Anagha Francis

Sakshi Tilwankar

*Students of final year B. E. (Mechanical Engineering)
Under our supervision & guidance, submitted in partial
fulfilment Of the requirement for the award of*

BACHELOR OF ENGINEERING

*In Mechanical Engineering of the University of Mumbai
During Academic Year 2022-23*

Asokh
Dr. P. J. Aswalekar

PROJECT GUIDE

Asokh

INTERNAL EXAMINER

Lancy
Mrs. Lancy Francis
JAS Enterprises

PROJECT CO-GUIDE

Asokh
Dr. C. J. Aswalekar

HEAD OF
DEPARTMENT

H.V.
Dr. H. V. Vankudre

PRINCIPAL

Ret
20/05/23

EXTERNAL EXAMINER

Jas ENTERPRISES

OFFICE ADD-GALA NO-112 FRIST FLOR KSHITIJ ARCADE ,NEAR SAHAKAR ESTATE,
NAUGHAR,VASAI (EAST) DIST-PALGHAR,MAHARASHTRA,PIN401207

Date: 29th July, 2022

To,

The Principal

Vidyavardhini's College of Engineering and Technology,

Vasai (w), Maharashtra - 401202.

Subject: Sponsorship letter to students for industry project

Respected sir,

As a part of imitative towards industry -institute interaction, we hereby sponsor the following bonafide students of Department of Mechanical Engineering, Vidyavardhini's College of Engineering and Technology, Vasai for undergoing on live project problem named "Design and modification of cavity plate for injection mould of NP" as their final year project during academic year 2020-21. The objective of this project is to design and manufacture a new cavity plate and replacing the old cavity plate, hence saving the whole die being discarded. By doing so also aiming for cost reduction by 70%-80% approx. The sponsorship will be in terms of providing in industry support for input data required, manufacturing of system, experimenting for performance evaluation followed by training to industry staff for operating the automatic machine.

List of students:

Ms. Anagha Francis

Ms. Sakshi Tilwankar

The students will able to apply their fundamental knowledge of mechanical engineering and mechatronics under guidance of **Mrs. Jancy Francis** along with **Dr. U.V. Asolekar, VCET, Vasai.**

Thank you,

Yours faithfully,

For JAS Enterprises,

For JAS ENTERPRISES

Jancy
Proprietor

Acknowledgement



The project is successful because of our sponsor **JAS Enterprises** who guided and supported us in every step of this project . It is a firm which manufactures plastic items and is run by a woman entrepreneur .The company has its goodwill for never compromising in quality in the last 18yrs, hence making it one of the well known manufacturers & traders in its domain. Their client list includes renowned companies like Lakme, Sugar Pop, Revlon, Savlon, etc. Had also got a tender from the Central Government to manufacture metro train coins (tickets) for Delhi, Mumbai and Kolkata metro as a labor to Reliance.

We are highly indebted and express our gratitude towards our guide and Head of Department **Dr. Uday. V. Aswalekar** for giving us an opportunity to work under his guidance and for his support throughout the project work. Like a true mentor, he motivated and inspired us through the entire duration of our work.

Also grateful to the Mechanical Department for assisting us and guiding us throughout the project. We also extend our thanks to the supportive staff of the Mechanical department for providing us all the necessary facilities to accomplish this project. Last but not the least, we express our profound gratitude to the almighty and our parents for their blessings and support without which this task could have never been accomplished.

DECLARATION

We declare that this written submission represents our ideas in our own words and where others ideas or words have been included. We have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whose proper permission has not been taken when needed.

NAME OF THE STUDENTS	ROLL NO	SIGNATURE
ANAGHA FRANCIS	02	
SAKSHI TILWANKAR	48	

PLACE: VASAI

DATE: 19/04/23

APPROVAL SHEET

This project report entitled **“Design and Modification of Cavity Plate for Injection Mold of Nail Polish Bottle Caps”**

By

NAME OF THE STUDENTS

ROLL NO

ANAGHA FRANCIS

02


SAKSHI TILWANKAR

48

Is approved for degree of Bachelor of Engineering

Examiners

1.  _____

2.  _____

ABSTRACT

In manufacturing industries, it is observed that a die in perfect condition was typecast as dead mold because the product was outmoded and that would be abolished due to space constraints, resulting in discarding such dies. This research paper discusses a system which is an alternative to save the dead mold from being discarded completely. The proposed system consists of designing a new cavity plate which would fit in the existing dies and results in making a single cap. This single cap can be used for two types of bottlenecks by modifying die design. This results in saving the manufacturing and material cost of making a new die and hence avoiding an existing die to go waste and preserving for any future requirements. So the whole idea of this work is to design and modify the cavity plate and with necessary changes which make it sustainable and yield more production. By replacing the bush from the existing cavity plate with CNC laser, removed the risk of flash on cap. With a sustainable approach in a design process besides the modification of the cavity plate and reusing an old die have resulted to recycle the by- products as well as production into the inners used for the same caps. In comparison with the existing die the production rate was increased by 29.6%

CHAPTER 8

RESULTS

8.1 By Products Manufactured

In the process of manufacturing the caps there are some by-products too, that are known as Runners. These runners are treated as waste and are scraped off contributing towards wastage.

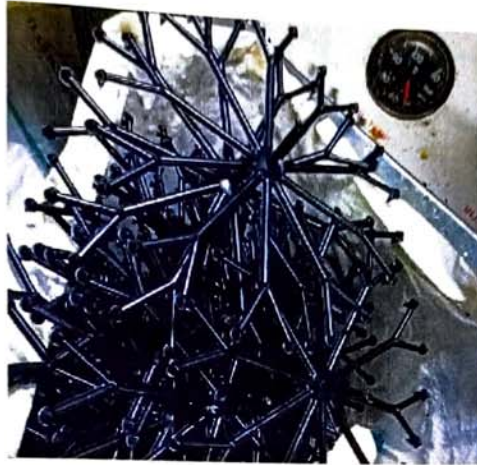


Fig 8.1.1 Runners of Caps

In order to overcome wastage, the runners are grinded and converted into powder and then that powder (second powder) is used to manufacture inners for the cap.



Fig 8.1.2 Inners for caps

8.2 Weekly Production

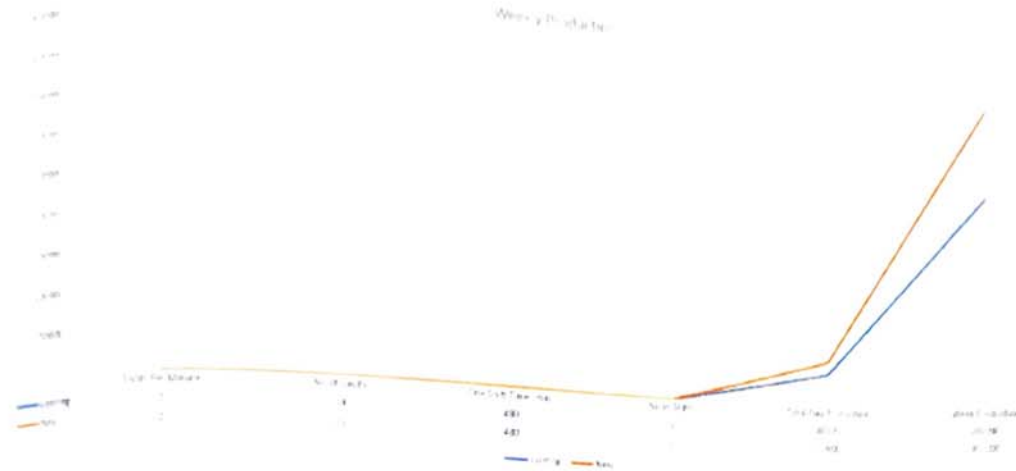


Fig 8.2 Weekly Production Rate

Fig 8.2 shows the increase in production rate of three shifts daily for a week. It's clearly seen that the blue line which represents the old cavity is comparatively smaller than the red line which indicates production of the new cavity. According to the figure, the weekly production using old cavity plate was 282240 pieces in a week. With the new cavity plate, the weekly production rate was increased to 403200 pieces thus increasing the production rate by 29.6%.

CHAPTER 9

Conclusion

- A cavity plate was designed for the existing die and manufactured the same.
- Designed the product in such a way that it could satisfy both bottlenecks by placing the required inner into the product.
- In comparison with the existing die the production was increased by 29.6%.
- This resulted in total savings of machine, labour and raw materials cost that of two separate caps as a common could fit both.
- Earlier a cavity plate bush was placed but now using CNC laser cut, the bush can be avoided and there won't be a risk of flash on the cap.
- This leads to lesser wastage of die mold and contributes less towards pollution.
- Currently 3 Lakhs pcs have been sent for multiple companies for sample purposes.
- This project will be applied for patenting the modification idea.
- Have submitted the Research Paper of this project into IIT Tirupati for its International Conference.
- Participated in a project competition Exalt held at A.P Shah Institute of Technology and won 2nd prize.
- Participated at VCET's National Level Project Showcase and won 2nd prize.
- Participated at project competition Oscillations held at Vidhyavardhini's College of Engineering and Technology.
- Lakme has liked our product and is working on colour for them.
- Sugar Cosmetics included our Bottle Caps in their new launch Sugar POP Nails

VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY,

VASAI ROAD, PIN-401202



DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that project entitled has been carried out by

Chintan Patel

Devang Raut

Abhishek Tandel

Ashish Mudaliar

*Students of final year B. E. (Mechanical Engineering)
Under our supervision & guidance, submitted in partial
fulfillment of the requirement for the award of*

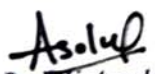
BACHELOR OF ENGINEERING

*In Mechanical Engineering of the University of Mumbai
During Academic Year 2022-23*



Dr. Ashish Chaudhari
PROJECT GUIDE


INTERNAL EXAMINER


Mr. Dhananjay Bhijutkar,
M/s. Pacific Tools Pvt. Ltd
PROJECT CO-GUIDE


Dr. C.V. Aswalekar
HEAD OF DEPARTMENT




Dr. H.V. Vankudre
PRINCIPAL


EXTERNAL EXAMINER



PACIFIC TOOLS PVT. LTD.®

Date 22nd April 2023

To: Dr. U. V. Asolekar

Head Department of Mechanical Engineering

Vidyavardhini's College of Engineering and Technology Vasai (W), Palghar, Maharashtra,

Dear Sir,

This is to certify that Mr. Chintan Patel, Mr. Devang Raut, Mr. Ashish Mudaliar and Mr. Abhishek Tandel, B.E (Mechanical) Final year, of Vidyavardhini's College of Engineering and technology, Vasai, have successfully completed the project titled, "Design and Development of a system for enhancing the life of the WEDM Filter" at M/s Pacific Tools Pvt, Rajprabha Land Mark, Bhoidapada, Sativali road, Golani Naka, Industrial Area, Vasai-401 202.

Their conduct and attendance during their project from July, 2022 to April, 2023 was satisfactory.

Wishing Them All the Best for their future endeavors.

Thank You.

For M/s Pacific Tools Pvt Ltd

Mr. Dhananjay Bhisar

Director



Rajprabha Land Mark Industrial Estate, Building No. 1 B, Bhoidapada,
Sativali Road, Gokhivare, Vasai East, Dist. Palghar - 401208 Maharashtra, India.
Phone : +91 250 - 2451990 / 2451991

An ISO 9001:2015 Company

E-mail : info@pacifictools.in Website : www.pacifictools.in

CIN No. U33112TN2001PTC047804

TABLET TOOLING • TOOL INSPECTION • TOOL POLISHING

Turning Technology..... into Action®

Acknowledgement

It has been a great experience working on this project. However, it would not have been possible without the kind support and help of many individuals and organizations. I would like to extend my sincere to all them.

We are sincerely thankful to **Mr. Dhananjay Bhijutkar**, Director, M/s. Pacific Tools Pvt. Ltd. Vasai for assigning the project problem and sponsoring us to undergo the project at industry premises.




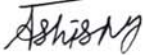
We sincerely thankful project guide **Dr. Ashish J. Chaudhari** for his valuable guidance, constructive criticism, and encouragement during every stage of this project. Apart from our subject of research, we learnt a lot from him, which we are sure, will be useful in different stages of our life.

We owe a depth of gratitude to **Dr. U.V. Aswalekar**, HOD, Department of Mechanical engineering for all the facilities provided during the course tenure. We also convey great thanks to our Honourable Principal **Dr. Harish Vankudre** who helped a lot for completion of this project.

Last but not the least we would also thank our parents who were always supported us and all those people who have helped us directly or indirectly for completion of this work.

DECLARATION

We declare that this written submission represents our ideas in our own words and where others' ideas or words have been included. We have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whose proper permission has not been taken when needed.

NAME OF THE STUDENTS	ROLL NO	SIGNATURE
CHINTAN PATEL	28	
DEVANG RAUT	36	
ABHISHEK TANDEL	47	
ASHISH MUDALIAR	25	

PLACE: VASAI

DATE: 23/04/20

APPROVAL SHEET


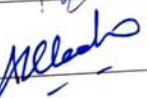
This project report entitled “Design and Development of a system for enhancing the life of the WEDM Filter”

By

NAME OF THE STUDENTS	ROLL NO
CHINTAN PATEL	28
DEVANG RAUT	36
ABHISHEK TANDEL	47
ASHISH MUDALIAR	25

Is approved for degree of Bachelor of Engineering

Examiners

1.  Dr. R. S. Mung, SPCE
2.  Dr. Ashish Chaudhary

ABSTRACT

WEDM is an important component of the manufacturing and production industry. These types of machines are used where there is need for high precision and accuracy required. The diameter of the wire used for the cutting operation can be of 0.25mm and cuts the scraps material at the range of 10^{-3} to 10^{-5} . WEDM uses different types of filters based on its type of design and storage for dielectric fluid and space requirement. This article focuses on designing a system which aims to increase the life of the filter which is present in the machine. The life of a filter depends on various factors like velocity of flow, type of scrap, scrap size, properties of the scrap and the concentration of the scrap in each volume. The system focuses on enhancing the life of a paper filter which is usually replaced after some weeks due to clogging, so by introducing a system which can increase the replacement time without affecting the conventional processes. As the workpiece usually consists of ferromagnetic and diamagnetic materials they can be easily separated with a help of a magnetic system. Permanent magnets can generate a field of 1.2T while electromagnets can go a step further at 2T or 5T but as they require electric supply they will not be considered. This ability of magnets can play a major role for development of various applications.

CHAPTER 6

Result And Discussion

6.1 Ansys Results

- Ansys analysis show that the force applied on the metal particle is sufficient for attraction with the magnet arrangement.
- After attaching the new filter system to the WEDM the metal particles attracted on the filter holder.
- In experimental analysis new filter system run for 0.5hrs, 2hrs, 4 hrs and 5 hrs were taken and results were plotted.
- Such a system can tackle the problem face for cleaning and filtration of the fine particles which can range from 10^{-3} to 10^{-5} mm.

The results obtain from the Ansys analysis for different location and distance of the magnets show that how that affects and the force acting on the magnets and the particle itself. The magnetic field for the analysis shows that how the range for the different time can affect the force on the particle.

Where the point on the X axis represent different distance from the centre

Table 6.1: Parameter set for ferrous particles at different location

X Co-ordinate	Z Coordinate	Force(N)
-0.5	-0.5	-9.37E-06
-0.5	-0.5	-9.37E-06
-4.5	-5.5	-0.001462832
-9.5	-11.6	-0.061570926
4.5	-5.5	-0.002107743
8.5	-11.5	-0.045111748
-4	5.5	0.001726504
-9.4	11	0.007837044
4	5.5	0.002755613
8.4	11	0.015491814

The model was manufactured considering the pressure generated for the paper filters to work properly and should not affect the overall working of the machine.

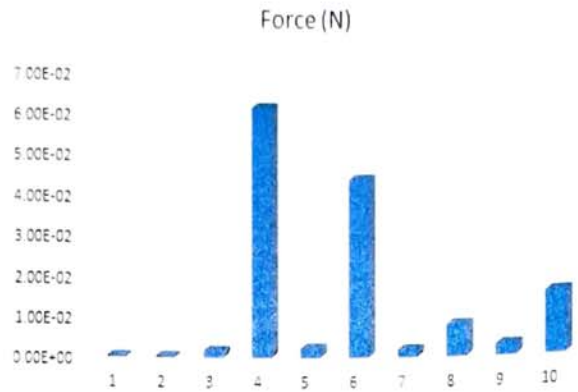


Fig. no 6.1 Magnetic Induction Field around the magnet

The magnetic field at different position wrt to force applied due to magnetic field. The maximum force on the particle experiences is 26N which is enough for a particle to attract in the given circumstances.

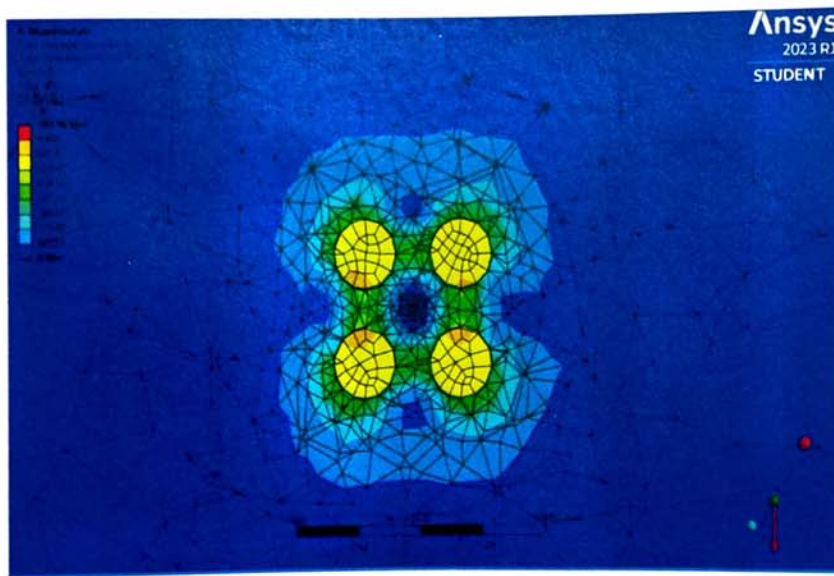


Fig. no 6.2 Magnetic Induction Field around the magnet with the particle Showing the range of magnetic Field

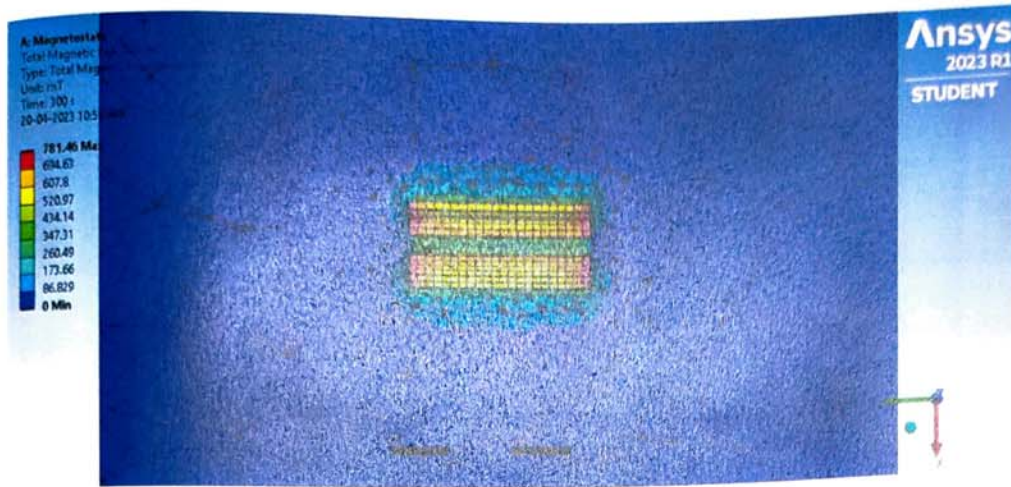


Fig. no 6.3 Magnetic Induction Field around the magnet with the particle Showing the range of magnetic Field

6.2 Experimental results

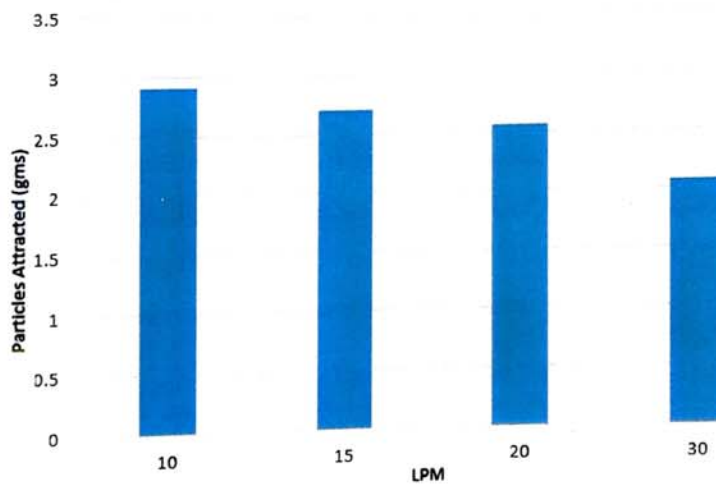


Fig. no 6.4 Scrap particles attracted v/s LPM

The Scrap particle attracted on the magnetic holder decreases with increase in speed due to less time for contact and pressure of the water. The reading has been taken at different LPM of motor of 0.5 hp at 10, 15, 20, 30 LPM.

Table 6.2: Scrap particles attracted v/s Time

LPM	Mass Filtered (gms)
10	2.9
15	2.7
20	2.553
30	2.067

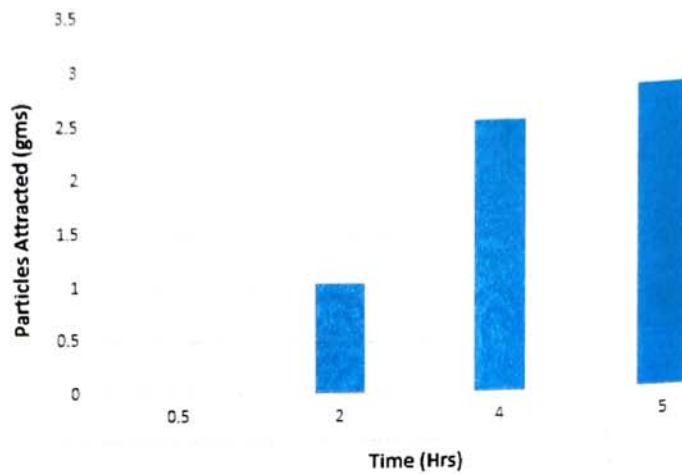


Fig no 6.5. Scrap particles attracted v/s Time

This readings were taken after the newly designed magnetic system was attached to the WEDM. The magnetic filter was attached as the WEDM works on constant filter pressure which was done during the machine was performing the some HCHC metal dies and the reading were taken and plotted at different interval of time.

Table 6.3: Time (Hrs) v/s Mass filtered

Time (Hrs)	Mass Filtered (gms)
0.5	0.001
2	1.05
4	2.602
5	2.891

CHAPTER 7

7.1 COST REPORT

Table no. 7.1 cost report

SR.N O.	COMPONENTS	QUANTITY	RATE PER QUANTITY(Rs)	COST (Rs)
1	115" SS PIPE	1	400	400
2	30" SS PIPE	1	320	320
3	150" CIRCLE PLATE	5	176	880
4	30" END CAPS	4	100	400
5	6" MAGNET 2500 G	4	675	2700
6	RUBBER GASKET	1	20	20
7	ONE WAY NIPPLE	2	90	180
8	NUT & BOLTS M5	4	10	40
9	PIPE CLIPS	3	20	60
10	ARGON WELDING & BRAZING			780
11	LASER CUTTING			150
12	MANUFACTURING			800
			TOTAL	7030

CHAPTER 8

CONCLUSION

8.1 Conclusion

As the particle moves towards the magnet the force applied on the particle increase and can be seen in the analysis.

- This type of system is useful in separation of ferro magnetic and diamagnetic material.
- Usage of magnet is cost effective for industrial purposes creating huge impact on financial advantage.
- Using magnet does not affect the industrial process or any difficulties during machining.
- The life of paper filter increases by 15 days reducing a 4-month period of waste from the paper filter.

8.2 APPLICATIONS

Concept of future application of the system are as follows-

1. WEDM Machine-

The system can be easily installed alongside the drum filter. The dielectric fluid carrying the scrap particle enters the system and it is attracted by the magnet in the system and the dielectric fluid carrying other scrap particles exits the system and enters the conventional filter. Since the size of the system is small it can easily fit in the area allotted for drum filters.

2. Die Sinking EDM Machine

In die sinking EDM die made of conductive metal is used as electrode in place of wire. The scrap particles are usually ferrous particles so the system can be used alongside conventional filters in die sinking EDM. The efficiency of the system will not decrease if it is used in die sinking EDM.

3. EDM Hole drilling Machine

In EDM holes, drilling holes are drilled to produce semi accurate holes in ductile material at high speed. The other principle of Hole drilling is like that of other EDM process. Also, the scrap produced is of ferrous material so system can also be used in EDM hole drilling machining.

4. CNC machines

CNC (Computer Numerical Control) machines are used in manufacturing and metalworking processes to create complex shapes and designs. These machines generate coolant fluids that contain fine ferrous particles, which can be separated from the fluid using specialized filtration systems.

5. Industrial grinders

Industrial grinders are used in various industries to grind and cut materials such as metal, plastic, and wood. These machines often generate a coolant fluid that contains fine ferrous particles and other debris.

6. Metal stamping machines

Metal stamping machines are used to create parts by stamping or pressing metal sheets into specific shapes. These machines generate coolant fluids that contain fine ferrous particles and other debris, which can be filtered out using specialized equipment.

7. Metal rolling mills

Metal rolling mills are used to flatten and shape metal sheets and bars. These machines generate coolant fluids that contain fine ferrous particles and other debris, which can be separated using specialized filtration systems.

8. 3: Future Scope

Magnetic filters have already found widespread applications in various industries, such as automotive, chemical, food, and mining, to name a few. They are used to remove metallic contaminants from fluids such as oil, coolant, or water. The future scope of magnetic filters in machines can be broadly categorized into the following areas:

Miniaturization: With the trend towards smaller, more compact machines, the demand for miniaturized magnetic filters is likely to increase. These filters can be integrated into the machines' fluid systems, where they can operate continuously to remove contaminants.

Automation: Automation is another trend that is likely to shape the future of magnetic filters. As machines become more automated, magnetic filters can be integrated into the control systems, allowing them to operate independently without human intervention.

Efficiency: As the demand for energy-efficient machines increases, magnetic filters can play a role in improving the efficiency of the machines' fluid systems. By removing contaminants from the fluid, magnetic filters can reduce the wear and tear on the machines' components, leading to longer machine life and lower maintenance costs.

Sustainability: With the growing emphasis on sustainability, magnetic filters can help reduce the environmental impact of machines. By removing contaminants from fluids, magnetic filters can prevent them from entering the environment, reducing the risk of pollution.

VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY,

VASAI ROAD, PIN-401202

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that project entitled has been carried out by

HRUTUJA JADHAV

PULKIT SINGH

*Students of final year B.E. (Mechanical Engineering)
Under our supervision & guidance, submitted in partial
fulfilment of the requirement for the award of*


BACHELOR OF ENGINEERING

*In Mechanical Engineering of the University of Mumbai
During Academic Year 2022-23*


Dr. Ashish Chaudhari

PROJECT GUIDE

INTERNAL EXAMINER


Mr. Malikarjun Halole
SEACO Pvt. Ltd, PUNE

PROJECT CO-GUIDE


Dr. U.V. Aswalekar

HEAD OF DEPARTMENT

SEAL


Dr. H.V. Vankudre

PRINCIPAL

EXTERNAL EXAMINER

ACKNOWLEDGEMENT

The success and final outcome of this project required a lot of guidance and assistance from many people and we extremely privileged to have got this all along the completion of our project. All that we have done is only due to such supervision and assistance and would not forget to thank them.

After approaching to so many industries "SEACO" Pune has given us the opportunity to work on their one of the project and giving us all support and guidance which made us complete the project duly also we would like to thank Mr. Malikarjun Halole and the workers who taught and helped us. We extremely thankful to Mr. Amol Jadhav, for providing such a nice support and guidance.

We owe deep gratitude to the Head of Mechanical Department Dr Uday Aswalekar, who took keen interest on our project work and guided us all along, till the completion of our project work by providing all the necessary information for developing.

We would not forget to remember our guide Dr. Ashish Chaudhari and the management, Vidyavardhini's College of Engineering and Technology for their encouragement and more over for their timely support and guidance till the completion of our project work.



Submitted by:

Hrutuja Jadhav

Pulkit Singh

DECLARATION

We declare that this written submission represents our ideas in our own words and where others ideas or words have been included. We have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whose proper permission has not been taken when needed.

NAME OF THE STUDENTS	ROLL NO	SIGNATURE
HRUTUJA JADHAV	55	
PULKIT SINGH	65	

PLACE: VASAI

DATE: 16/04/2023

APPROVAL SHEET

This project report entitled “**DESIGN AND OPTIMIZATION OF QUALITY CONTROL BY CONTROLLING MOLD SCAB REJECTION**”

By

NAME OF THE STUDENTS

ROLL NO

HRUTUJA JADHAV

55


PULKIT SINGH

65

Is approved for degree of Bachelor of Engineering

Examiners

1.

 Dr. R. S. Mawje, SPCE

2.

Supervisors

1.

2.

ABSTRACT

The aim of this project is to control the quality of the casting by controlling the mold scab rejection. The various defects found in sand casting are – Sand dirt, run-out, cold metal, slag, mold scab, blow holes. The more amount of rejection is occurring due to the sand dirt, but this type of defect cannot be reduced as the sand which our foundry is using is for recycle able so mainly we are focusing on sand scab rejection which is around 12%.

The department involving for this project are Sand plant, design and development, molding and melting. The various factors were studied during this in each and every department and the solutions were provided for the particular department.

The parameters taken in consideration for sand plant are – sand properties, additives used, belt conveyor system, weather conditions. The parameters taken in consideration for design and development are – gating system, riser issues. The parameters taken in consideration for molding and melting are – pouring temperature, ladle and refractory material.

The main objective is to reduce the scab rejection from 12% to 9% which will reduce their total rejection cost as well as production cost upto 2.5 lakh monthly. Mainly this project is solution-based project and the trials will be done on non-production days and after successful results they will apply on production days as well.

To Whomsoever It May Concern

This is to certify that “**Hrutuja Dattatraya Jadhav**” studying at Vidyavardhini’s College of Engineering & Technology, Vasai have completed her industrial project titled “**MOLD SCAB REJECTION CONTROL**” under mentorship of our firm dated from **6th June 2022 - 6th March 2023** as partial fulfilment of course **B.E Mechanical Engineering**. The project is full of efforts and endeavours. The solution provided by her was helpful in terms of consistent reduction in scab rejection and ultimately increase in plant utilization. The project is found worthy for appreciation.

We wish best of luck for her bright future ahead.

Warm Regards,



S L Javalgi,

ADMIN – HR Head,

Shrinivas Engineering Auto Components Ltd,

Talegaon Industrial Area, Maval,

Pune – 401507.



To Whomsoever It May Concern

This is to certify that “**Pulkit Sunil Singh**” studying at Vidyavardhini’s College of Engineering & Technology, Vasai have completed his industrial project titled “**MOLD SCAB REJECTION CONTROL**” under mentorship of our firm dated from **6th June 2022 – 6th March 2023** as partial fulfilment of course **B.E Mechanical Engineering**. The project is full of efforts and endeavours. The solution provided by him was helpful in terms of consistent reduction in scab rejection and ultimately increase in plant utilization. The project is found worthy for appreciation.

We wish best of luck for his bright future ahead.

Warm Regards,

S L Javalgi,

ADMIN – HR Head,

Shrinivas Engineering Auto Components Ltd,

Talegaon Industrial Area, Maval,

Pune – 410507.



CHAPTER 5
RESULT & DISCUSSION

5.1 SAND DIRT

5.1.1 SAND PROPERTIES MODIFICATION

1. This moulding sand produced moulds with low strength, bonding, compatibility, and permeability, which led to poor mould quality and the loosening of sand at the inlet owing to friction with molten metal.
2. As a result, we adjusted the mixture according to the numbers shown in table 5.1.

Tab.5.1 Sand Composition Result

SAND	WEIGHT OF SAND (KG) [BEFORE MODIFICATION]	WEIGHT OF SAND (KG) [AFTER MODIFICATION]
BENTONITE	2.5	4.5
FRESH SAND	5	2.5
RETURN SAND	2.5	1.5
RED-OXIDE	-	1.5
TOTAL	10	10

1. The bonding characteristics were enhanced by the use of more bentonite, which raised the strength of the mould and produced good quality. While modifying the mixture, consideration was also given to characteristics like permeability.

2. In order to strengthen the qualities that resist corrosion, we also added Red-oxide (1.5 kg).

The following each and every graph represent the test performed for checking of the sand parameters:

- 1 Permeability
- 2 Green Compression Strength
- 3 Moisture
- 4 Compactability

5.1.2 PERMEABILITY TEST RESULT

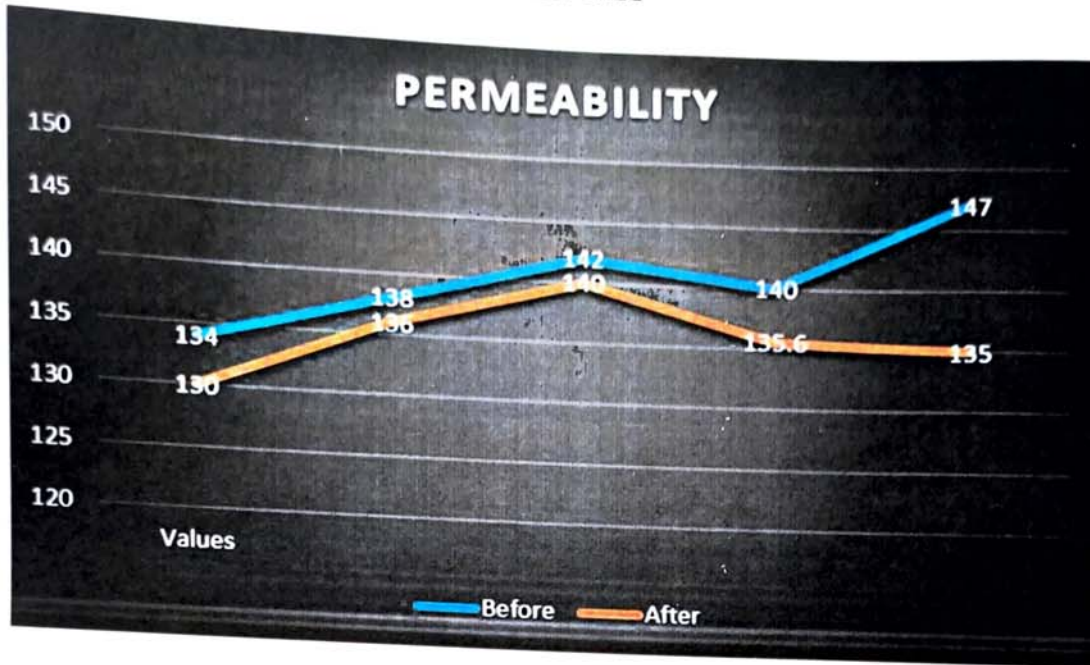
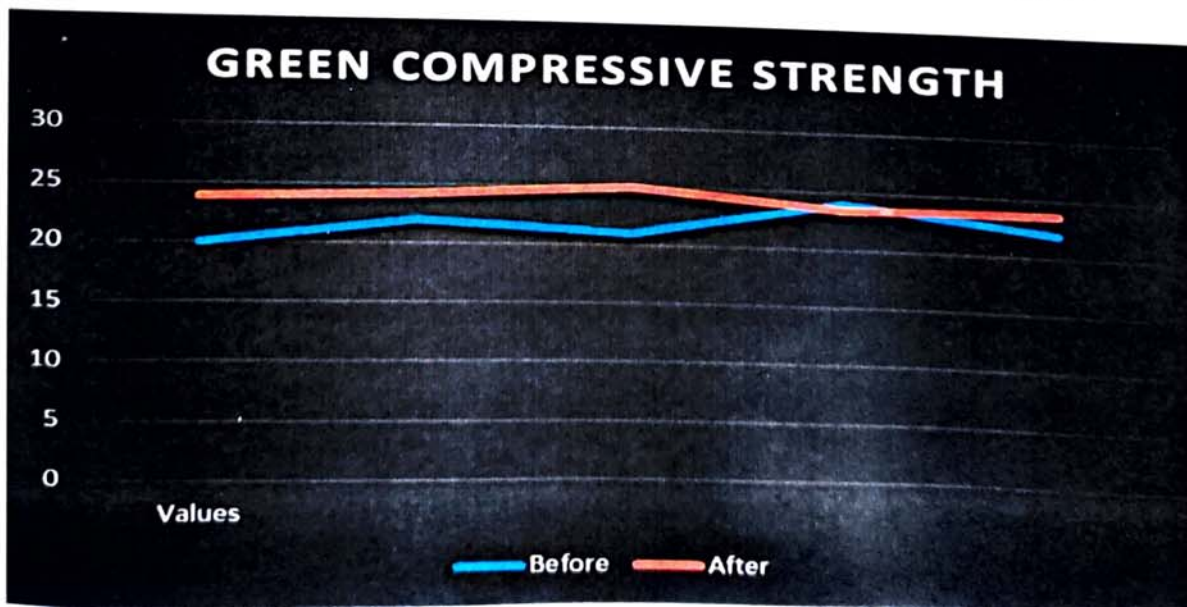


Fig.5.1 Permeability Test Result

As per the test it showing that before implementation the permeability of the sand was usually from 134 to 151 which should be less and after the implementation the range was from 115 to 138 as shown in fig.5.1 which was comparatively less than earlier one.

5.1.3 GREEN COMPRESSION STRENGTH TEST

As per the test the value of green compressive strength should be higher but before the implementation we were getting the lower value ranging from 24 to 22.9 and after implementation we got the higher value starting from 24 to 25.3 as shown in fig 5.2.



5.1.4 MOISTURE TEST RESULT

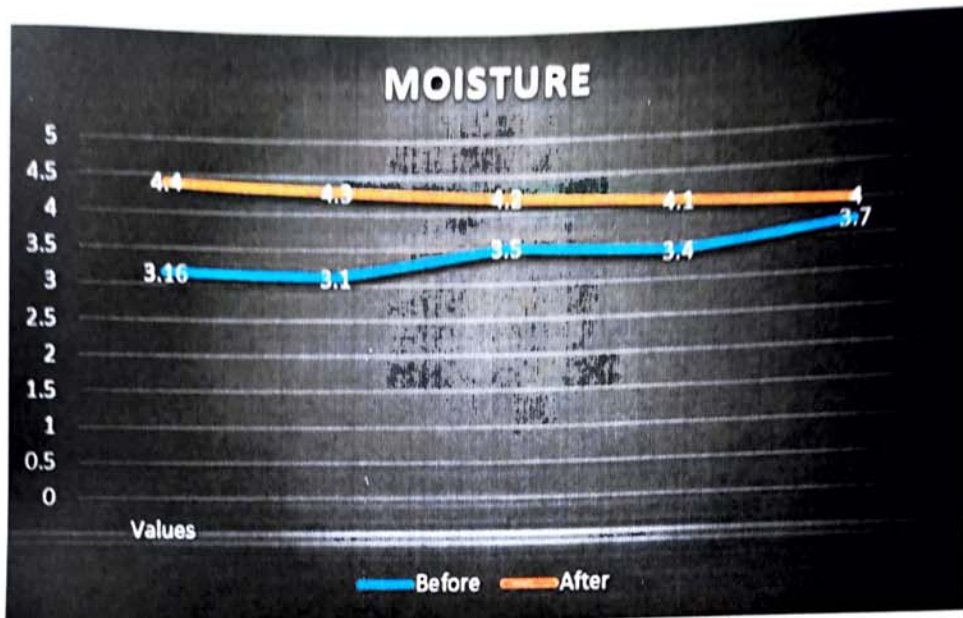


Fig.5.3 Moisture Test Result

For getting the successful results the moisture content should be increased and as shown in fig.5.3 that before the implementation the solution we are getting less moisture content ranging between 3.16 to 3.11 and after the implementation we got result ranging from 3.4 to 3.5.

5.1.5 COMPACTABILITY

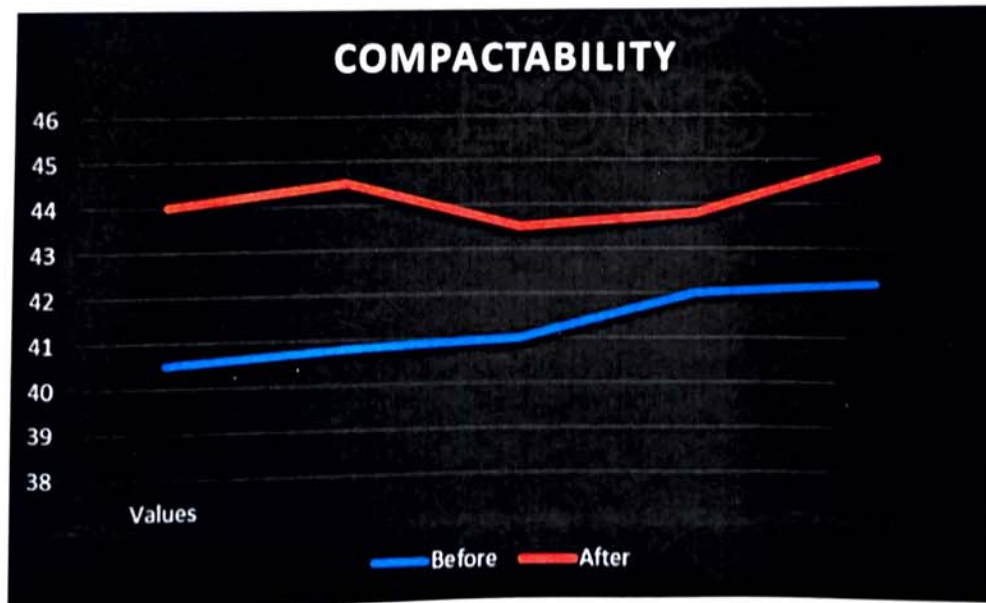


Fig.5.4 Compactability Test Result

CHAPTER 6
CONCLUSION

6.1 THE SALIENT POINTS BASED ON RESULT & DISCUSSION

1. The Bentonite + Lustron mixture which we are using is sometimes going beyond 3.5% which is not permissible and according to that the mixing quantity should be checked and further trials should be taken.
2. The sand test must be taken for each and every batch for getting precise result.
3. This was solution based industrial project and the main aim was to reduce the total scab casting.
4. In initial stages we reintroduced the sand properties of the sand casting and the total defect of scab was brought down from 5 cast per day to 3 castings per day.
5. Afterwards we made the changes in the gating system of the casting and with the implementation of the solution the results were improved, and we got the result that is the scab defect was almost negligible i.e. 0-1 each day.

6.2 APPLICATIONS

- 1 Scab rejection method is used in various foundries across the globe to reduce the rejection rate in castings and increase the overall profit.
- 2 Gating system is designed to improve the heat distribution in castings to improve quality of casting. It is also used in various other components as well for better heat distribution during manufacturing.

6.3 FUTURE SCOPE

1. Advanced coating materials development: Coatings play a key role in preventing mould scabs. It is possible to do research to create novel coating materials that are better at avoiding the growth of mould scabs.
2. Implementing real-time monitoring systems: Real-time monitoring systems can assist in scab formation detection and scab propagation prevention. The scab formation during casting can be detected by these technologies, which can then provide the appropriate actions to halt it.
3. Machine learning algorithms can be integrated to analyse previous data and spot trends in the growth of mould scabs. Predictive models that can aid in preventing scab formation can be created using these patterns.
4. Overall, there are many chances for research and development to enhance the quality of castings produced, and the future potential for mould scab rejection control in foundry is enormous.

VIDYAVARDHINI'S COLLEGE OF
ENGINEERING AND TECHNOLOGY ,

VASAI ROAD, PIN-401202

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that project entitled has been carried out by

Suyash Hoskote

Shubham Trakar

Vdash Kushte

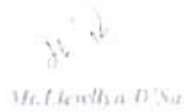
*Students of final year B.E. (Mechanical Engineering)
Under our supervision & guidance, submitted in partial
fulfilment of the requirement for the award of*

BACHELOR OF ENGINEERING

*In Mechanical Engineering of the University of Mumbai
During Academic Year 2022-23*


Prof. Dipak Choudhari

PROJECT GUIDE


Mr. Udaya D'Sa

PROJECT CO-GUIDE

ROBOBIONICS


Dr. J. A. Awalekar

HEAD OF DEPARTMENT


Dr. H. V. Vankudre

PRINCIPAL


INTERNAL EXAMINER


EXTERNAL EXAMINER



BIONIC HOPE PVT. LTD.

Corp. Office: Pearl Haven, 1st Floor, Kumbharwada, Manickpur
Vasai Road West, Palghar, Maharashtra 401202

GSTIN: 27AAHCB0178L1ZG CIN: U74999UP2016PTC088627

To
Dr. U. V. Asolekar
Head
Department Of Mechanical Engineering
Vidyavardhini's College of Engineering and Technology
Vasai(W), Palghar, Maharashtra.

Dear Sir,

This is to certify that Mr. Shubham Irakar, Mr. Udesh Kushte, Mr. Suyash Hoskote, B.E.(Mechanical) Final year, of Vidyavardhini's College of Engineering and Technology, Vasai, have successfully completed the project titled, "Design and Fabrication of Hand exoskeleton for rehabilitation of Paralysis patient" at Robo Bionics (Bionic Hope Private Limited) Pearl Haven, 1st Floor Kumbharwada, Manickpur Near St. Michael's Church Vasai Road West, Palghar Maharashtra 401202

Their conduct and attendance during their project from October 2022 to March 2023 was satisfactory.

Wishing Them All the Best for their future endeavors.

Thank You.

For Robo Bionics (Bionic Hope Private Limited)

Mr. Anil Nair
Director




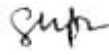

Acknowledgement

We are highly indebted to our guide **Prof. Dipak J Choudhari** for giving us an opportunity to work under his guidance. Like a true mentor, he motivated and inspired us through the entire duration of our work. We express our gratitude towards our Head of department **Dr.Uday V. Aswalekar** and our Dean **Dr. Ashish J Chaudhari** for their support throughout the project work. We are also thankful to our Industrial Experts **Mr. Llewlyn D'sa** and **Mr. Anil Nair** for giving us this great opportunity and providing us valuable guidance throughout the project.

We are also grateful to the Mechanical department for assisting us and guiding us throughout the project. We also extend our thanks to the supportive staff of the Mechanical department for providing us all the necessary facilities to accomplish this project. Last but not the least, we express our profound gratitude to the almighty and our parents for their blessings and support without which this task could have never been accomplished.

DECLARATION

We declare that this written submission represents our ideas in our own words and where others ideas or words have been included. We have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whose proper permission has not been taken when needed.

NAME OF THE STUDENTS	ROLL NO	SIGNATURE
SUYASH HOSKOTE	12	
SHUBHAM IRAKAR	13	
UDES H KUSHTHE	17	

PLACE: VASAI

DATE: 21/04/23

APPROVAL SHEET

This project report entitled "**Design and Fabrication of Hand Exoskeleton for Rehabilitation of paralysis Patients**"

By

NAME OF THE STUDENTS	ROLL NO
SUYASH HOSKOTE	12
SHUBHAM IRAKAR	13
UDES H KUSHTHE	17

Is approved for degree of Bachelor of Engineering

Examiners

1. Chusha Dipak Choudhary

2. Alph

ABSTRACT

Hands are our primary interface with the world and any functional distribution of the hand has a significant negative impact on the well being of the individual. There is nothing close to replacing our hands' usefulness and adaptability. Loss of function of the hand can inhibit Activities of Daily Living (ADL), and even reduce quality of life. The inability of performing hand functions arises mainly due to paralysis caused by nerve damage or spinal cord injury. Such disabilities can be overcome by performing Hand Rehabilitation.

Hand Rehabilitation is the art and science of evaluating and treating injuries and conditions of the hand. Such a phenomenon can be implemented with the help of various rehabilitation devices. One of such devices are the hand exoskeletons.

The objective of the project is to design and test the functionality of a lightweight exoskeleton for the rehabilitation of a hand paralysis patient using continuous passive motion. The main focus of this project will be on the disability of a person to implement flexion and extension of the fingers while suffering from hand paralysis.

The loss of flexion and extension of one's hand can be caused due to various types of hand paralysis. These include Klumpke's paralysis, spinal cord injury or the deterioration of hand muscles movement, the latter one being able to be reinstated using rehabilitation devices. The exoskeleton using underactuated mechanism shall be easy to use and cost effective.

CHAPTER 5

RESULTS AND DISCUSSIONS

5.1 OBSERVATION TABLE

5.1.1 Torque Test

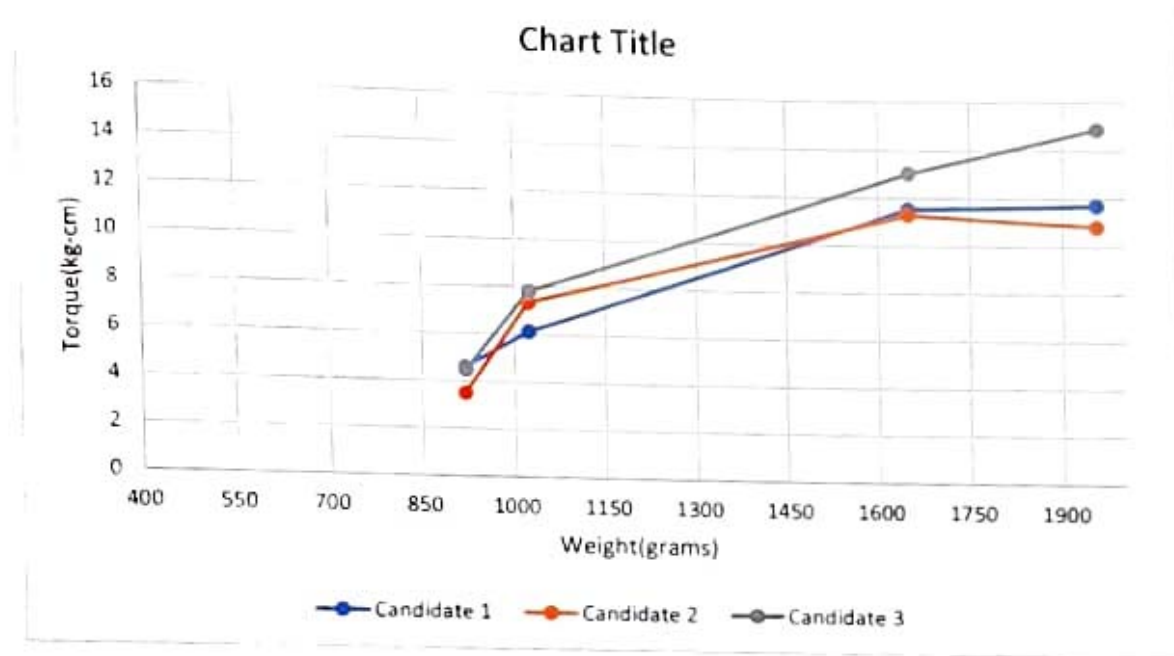


Fig 5.1.1 Stall Torque

The chart suggests us the following data:

- Stall Torque of the Fingers on the Y axis with respect to the Weight applied on the Fingers is represented on the X axis of the chart.
- Candidate 1 shows a clear increase in Torque when measured from the little finger to the Index Finger (left to right trend). This suggests that there must be peak torque of the Index finger which is about 11.72 kgf-cm.
- Candidate 2 shows a dip in Torque at the Index finger whereas Candidate 3 shows a relatively high increase in the Torque i.e 14.88 kgf.cm

5.1.2 Grip Test

Table 5.1.2 Stall Weight

TEST NO.	USER 1	USER 2	USER 3
1	31.4 KG	37.1 KG	36.9 KG
2	31.8 KG	35.4 KG	37.1KG
3	32 KG	35.2 KG	40.5 KG
4	36 KG	33.9 KG	40.9 KG

5.1.3 Servo Test

Testing of the servo motors at various lengths of the thread is done here which gives the actuation in degrees. It is noted that the shorter the length of the tendons the better is the actuation.

Table 5.1.3 Actuation angle

Angle(Degree)			
Thread Length(cm)	Theta 1	Theta 2	Theta 3
26.3	22	46	42
44	15	37	42

CHAPTER 6

COST REPORT

For the cost report the procurement of 3 MG90s servo motors and ESP32 microcontroller board is considered which were purchased online. In inclusion to that the PLA spool of 1 kg, Li-ion battery of 1000mAh and Buck converter were also purchased. Pulleys, Fingers as well as the Routing plates and Servo mounts are manufactured in house and are considered in Manufacturing costs. Finally the Nuts and bolts to mount the pulleys to the servo motors and also crimps used for tendons were purchased through local hardware stores.

Table no. 6.1 cost report

SR.NO.	COMPONENTS	QUANTITY	RATE PER QUANTITY (Rs)	COST (Rs)
1	SERVO MOTOR	3	230	690
2	ESP32	1	763	763
3	BUCK CONVERTER	1	40	94
4	BATTERY	1	460	460
5	PLA	1	900	900
6	CRIMPS	20	1	20
7	VELCRO STRAPS	3	50	150
8	MANUFACTURING			3000
9	NUT & BOLTS			150
				TOTAL= RS 6227

CHAPTER 8

CONCLUSION

- Complete flexion and extension is achieved up to a certain degree due to design flaws the motion achieved is not up to the desired actuation.
- Battery Lasts for 2 hours on single charge, since the patient will be using the exoskeleton for a specific amount of time the durability of the battery is within the range.
- Manipulating the design can solve the issue of fingers clashing over each other, by decreasing the thickness of the fingers or changing the orientation of the hinge will solve the problem.
- Routing of tendons was changed because during the usage of exoskeleton the tendons from front side were causing obstruction while actuating when any object was given to hold in the hand due to friction between the object and the tendon.
- Different iterations of hinges were tried in order to achieve complete flexion and extension motion of the finger.
- The exoskeleton is designed in such a way that users can easily install it and use it without any discomfort.



VIDYAVARDHINI'S COLLEGE OF ENGINEERING
AND TECHNOLOGY
VASAI ROAD, PIN- 401202

DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that project entitled has been carried out by

Sagar J Bhoite

Shubham S Gaikwad

Chetan K Parave

Krimesh J Patel

Students of final year B.E. (Mechanical Engineering)

*Under our supervision & guidance, submitted in partial
fulfilment of the requirement for the award of*

BACHELOR OF ENGINEERING

In Mechanical Engineering of the University of Mumbai

During Academic Year 2022-23

Asst. Prof. S. R. Mane

PROJECT GUIDE

INTERNAL EXAMINER

Dr. C.V. Aswalekar

HEAD OF DEPARTMENT

Dr. H.V. Vankudre

PRINCIPAL

23/07/2023

EXTERNAL EXAMINER

SEAL

06TH NOVEMBER 2023

TO WHOM SO EVER IT MAY CONCERN

We pleased to announce the completion of the Energy Audit project for Avcon Controls Pvt Ltd, undertaken by

1. Sagar Bhoite
2. Shubham Gaikwad
3. Chetan Parave
4. Krimesh Patel

Project Title: Energy Audit of Valve manufacturing (Avcon Controls Pvt Ltd)

Our audit encompassed data collection, site inspection, energy analysis, and the formulation of cost-effective recommendations. These recommendations, detailed in the enclosed report, offer substantial energy savings and cost reductions for our company.

We wish them best for the future

Sincerely,

For Avcon Controls Pvt. Ltd.

Swarni 1 &
Authorised Signatory

- SOLENOID VALVES, MOTORIZED VALVES, PNEUMATIC DIAPHRAGM CONTROL VALVES, PNEUMATIC AND ELECTRIC ACTUATED BALL AND BUTTERFLY VALVES.
- PRESSURE REGULATORS, FILTERS, SOLENOID VALVES, SAFETY SHUT OFF VALVES, GAS TRAINS, ETC. - FOR NATURAL GAS, LPG, PRODUCER, BIO GAS.
- NEW : DIAPHRAGM SEATED PLASTIC & METAL BODY VALVES WITH PNEUMATIC & ELECTRIC ACTUATORS.

FORM XVII-11-2022

OFFICES AT :	STD CODE NO.	TEL NO.	FAX NO
CHENNAI	044	40282503	40282503
KOLKATA	033	2230 2471	2230 2471
NEW DELHI	011	2646 0811	2641 2314
PUNE	020	2712 0776	2712 0647
BENGALURU	---	0843125574	
HYDERABAD	---	07995088416	
VAVODARA	---	07043044334	

ACKNOWLEDGEMENT




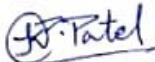
We are highly indebted to our guide **Prof. Swapnil R Mane** for giving us an opportunity to work under his guidance. Like a true mentor, he motivated and inspired us through the entire duration of our work. We express our gratitude towards our Head of department **Dr. Uday V Aswalekar** for his support throughout the project work.

We would also like to thanks **Avcon Controls Pvt Ltd, Andheri, Mumbai-400069** for allowing us to conduct our project work in their esteemed enterprise and providing us required support.

We are also grateful to the Mechanical department for assisting us and guiding us throughout the project. We also extend our thanks to the supportive staff of Mechanical department for providing us all the necessary facilities to accomplish this project. Last but not the least, we express our profound gratitude to the almighty and our parents for them blessings and support without which this task could have never been accomplished.

DECLARATION

We declare that this written submission represents our ideas in our own words and where others ideas or words have been included. We have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whose proper permission has not been taken when needed.

NAME OF THE STUDENTS	ROLL NO	SIGNATURE
SAGAR J BHOITE	57	
SHUBHAM S GAIKWAD	60	
CHETAN K PARAVE	68	
KRIMESH P PATEL	69	

PLACE: VASAI

DATE: / /

APPROVAL SHEET

This project report entitled "INDUSTRIAL ENERGY AUDIT OF AVCON
CONTROLS PVT LTD"

By

NAME OF THE STUDENTS	ROLL NO
SAGAR J BHOITE	57
SHUBHAM S GAIKWAD	60
CHETAN K PARAVE	68
KRIMESH P PATEL	69

Is approved for degree of Bachelor of Engineering

Examiners

1. 
S.R. Mane

2. 
23/07/2023

ABSTRACT

The project is about industrial energy audit of Valve manufacturing company. The energy audit is conducted in three phases: Preliminary audit, detailed audit & Post audit. In preliminary phase we had conducted the walkthrough/site audit in order to carry out energy audit; in which we understood the production process. After becoming familiar with factory layout, we had collected various data like list of utilities, light bills, different resources of water. Aim of project is to save about 5-30% of total energy cost. After phase 1 few experiments were conducted, (I) Water flow rate test, (II) Illuminance level test, (III) compressor loading & unloading test, etc. We developed a contact type continuous monitoring system for analysing air compressor, which is the most electricity consuming utility. On the basis of data gathered, we found that few utilities were consuming maximum amount of electricity. And on the basis of this analysis, the results gave us few energy saving opportunities. Some of faults found were; (a) Leakage was found out in the main air compressor, (b) The cooling tower was not in good condition, (c) The placement of lights at certain areas was incorrect, (d) There were few issues in the inventory lighting which director of the company has asked us to provide solution for the same. On the basis of all the observations we have made calculation and from the results we have created energy conservation and energy efficiency measures with some recommendation which can save up to 39.81% on total electricity bill.

CHAPTER 5

CALCULATIONS & RESULTS

5.1 Water flow rate

To calculate water flow rate and convert it to liter/min

For example,

Workshop water taps time 2.11 liter/sec convert it to liter/min $2.1160 \text{ liter/sec} = 0.035 \text{ liter/min}$

Table no. 5.1 Readings of water flow rate of taps

Water flow rate		
Tap	Time in sec/liter	Time in min/liter
Workshop	2.110	0.035
Garden 1	1.990	0.033
Garden 2	2.190	0.037
Garden 3	2.060	0.034
M/c shop	4.690	0.078
Office entrance	3.110	0.052
2nd floor 1	3.450	0.058
2nd floor 2	6.130	0.102

- Average water flow rate is 20 liters/minute
- Industrial standards are 10 – 15 liters/minutes (Central Pollution Control Board of India)

5.2 Electricity bill

For electricity bill calculation we took out the average value of all the details in the bill of 13 months, in order to analyze and study the electricity consumption pattern and the charges applied for it.

5.3 Cost per unit

Bill month: August 2022; Bill period: 01/08/22 - 31/08/22

Bill Amount: ₹ 1, 40,631; Net bill amount: ₹ 139,323 Total Units (kWh): 14,595

Cost per unit=139323/14595= 9.54 ₹ per kwh

Table no. 5.2 Average unit consumption

Months	Net bill amount	Units consumed	Cost per kWh
Feb-22	123232	14237	8.6
Mar-22	122145	17351	7
Apr-22	158318	18715	8.4
May-22	153497	18328	8.3
Jun-22	151783	18037	8.4
Jul-22	155959	16571	9.4
Aug-22	139323	14612	9.5
Sep-22	140816	14612	9.6
Oct-22	136652	14462	9.4
Nov-22	159133	16754	9.4
Dec-22	166018	17710	9.3
Jan-23	129073	13974	9.2
Feb-23	139766	14815	9.4

The above table shows the average unit consumption and average cost per unit for the given months.

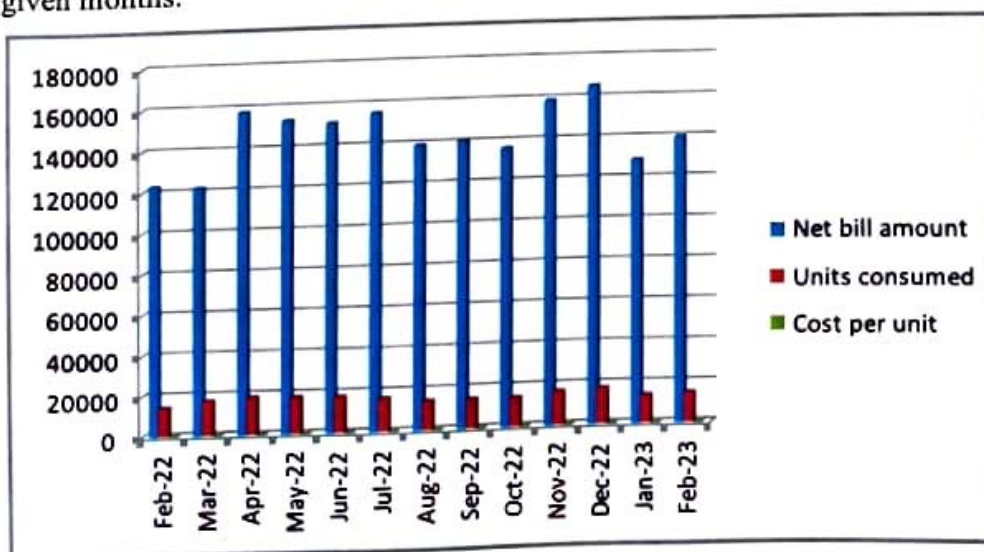


Fig. 5.1 Monthly electricity consumption

It has been observed that the electricity consumption of the company is dependent upon the order received, and seasonal variations do not impact much on the electricity consumption. We have found the maximum consumption was in April and December and minimum consumption was found in the month of Jan and Feb

5.4 Payback period calculation

1. Retrofit calculation

a. For 40 W Existing tube lights without PIR in inventory –

Data:

40W lights= 50 pieces

Working hours= 8 hour

Cost per unit=4.75 rupees (light bill)

Calculation:

1. $40 \times 50 \times 8 / 1000 = 16 \text{ kWh}$
2. $16 \times 4.75 = 76 \text{ rupees/day}$
3. $76 \times 31 = 2356 \text{ rupees/month}$
4. $2356 \times 12 = 28272 \text{ rupees/year}$

b. For Panasonic PIR sensors

Data:

Cost per piece: 680/-

Quantity: 50 pieces

Working hours: 5 hours

Cost per unit: 4.75 rupees (light bill)

Calculation:

1. $40 \times 50 \times 5 / 1000 = 10 \text{ kWh}$
2. $10 \times 4.75 = 47.5 \text{ rupees/day}$
3. $47.5 \times 31 = 1472.5 \text{ rupees/month}$
4. $1472.5 \times 12 = 17672 \text{ rupees/year}$
5. $16 - 10 = 6 \text{ kWh}$
6. $6 \times 31 \times 12 = 2232 \text{ kWh}$

Now,

$$28272-17672= 10600\text{rupees}$$

10600 rupees (total savings in rupees annually)

37.4% will be saved on electricity bill in inventory after implementing retrofit.

2. Encon calculation for inventory lighting

a. For 40 W Existing tube lights in inventory-

Data:

40W lights= 50 pieces

Working hours= 8 hour

Cost per unit=4.75 rupees (light bill)

Calculation:

1. $40 \times 50 \times \frac{8}{1000} = 16 \text{ kWh}$
2. $16 \times 4.75 = 76 \text{ rupees/day}$
3. $76 \times 31 = 2356 \text{ rupees/month}$
4. $2356 \times 12 = 28272 \text{ rupees/year}$

b. For 20 W Philips Motion Sensor LED Tube light -

Data:

Cost per piece: 616/-

20W lights= 50 pieces

Working hours= 5 hour

Cost per unit=4.75 rupees (light bill)

Calculation:

1. $20 \times 50 \times \frac{5}{1000} = 5 \text{ kWh}$
2. $5 \times 4.75 = 23.75 \text{ rupees/day}$
3. $23.75 \times 31 = 736.25 \text{ rupees/month}$
4. $736.25 \times 12 = 8835 \text{ rupees/year}$
5. $16-5=11 \text{ kWh}$
6. $11 \times 31 \times 12 = 4092 \text{ kWh}$

Now,

1. $28272-8835=19437$ rupees
2. 19437 rupees (total savings in rupees annually)
3. 68.75% will be saved on electricity bill in inventory after implementing Encon.

3. Encon calculation for compressor

A. For 30 kW existing compressor -

Data:

Consumption: 30 kW

Working pressure: 8-10 bar

Air pressure: up to 150 psi

Cost per unit: 4.75 rupees

Calculations:

1. $30000 \times \frac{8}{1000} = 240$ kWh
2. $240 \times 4.75 = 1140$ rupees/day
3. $1140 \times 31 = 35340$ rupees/month
4. $35340 \times 12 = 424080$ rupees/year

B. For 22 kW Elgi screw compressor existing compressor -

Data:

Consumption: 22 kW

Working pressure: up to 10 bar

Air pressure: 175 psi

Cost per unit: 4.75 rupees

Calculations:

1. $22000 \times \frac{8}{1000} = 176$ kWh
2. $176 \times 4.75 = 836$ rupees/day
3. $836 \times 31 = 25916$ rupees/month
4. $25916 \times 12 = 310992$ rupees/year
5. $240 - 176 = 64$ kWh
6. $64 \times 31 \times 12 = 23808$ kWh

Now,

7. $424080 - 310992 = 113088$ rupees
8. 113088 rupees (total savings in rupees annually)
9. 26.67% will be saved on electricity bill for compressor after implementing Encon.

4. Solar power system

payback with accelerated depreciation benefit
calculation

per kw per day = 4 unit

- per day total unit generation = 160unit (40kw x 4 = 160) (1unit = 1kwh)

- per year unit calculation = 58,400unit (160unit x 365 days = 58,400)

- cost calculation = 58,400 x 10 Rs per unit = 5,84,000

5.5 Encon (energy conservation measures)

A. Lighting of inventory

Table no. 5.3 Encon of lights with payback

Energy and cost savings (PHILIPS) For 50 pieces at Rs 616/- each	
Project implementation cost	₹ 30,800/-
Annual energy cost saving	₹ 19,437 /-
Simple payback period (Years)	1.58 years
Annual energy savings in Kwh	2976 kwh
Savings in percentage	50-68%

B. Retrofits in inventory

Table no 5.4 Retrofit for lights with payback

Retrofits (Panasonic PIR sensor) For 50 pieces 680rs	
Project implementation cost	₹ 34000/- (+ Installation charge)
Annual energy cost saving	₹ 10600/-
Simple payback period (Years)	3.20 years
Annual energy savings in Kwh	2976 kwh
Savings in percentage	Around 35%

C. Replacement of reciprocating compressor to rotary screw compressor

Table no. 5.5 Encon for compressor with payback

Energy and cost savings (Elgi screw compressor)	
Project implementation cost	₹ 888540/-
Annual energy cost saving	₹ 113088/-
Simple payback period (Years)	7.85 years
Annual energy savings in Kwh	23808 kwh
Savings in percentage	Around 25%

D. Solar power system payback

Table no. 5.6 Payback calculation is as follows

Year	Amount	Annual saving	Net amount
Year 1	19,75,568	5,84,000	13,91,568
Year 2	13,91,568	5,84,000	8,07,568
Year 3	8,07,568	5,84,000	2,23,568
Year 4	2,23,568	5,84,000	-3,60,432

CHAPTER 7

CONCLUSION

Table no. 7 Main features of Encon

Sr no	Recommendation	Annual saving in kWh/yr.	Savings in INR	Investment in INR	Payback in years
1	Installation of solar power system of capacity 40 kW	60000	₹ 5,84,000	₹ 19,75,568	3.5
2	Replacement of Compressor	23808	₹ 1,13,088/-	₹ 8,88,540	7.85 years
3	Replacement of inventory light	2976	₹19,437 /-	₹ 30,800/-	1.58
4	Installation of PIR sensors to existing inventory light	2976	₹ 10600/-	₹ 34000/-	3.20
5	Installation of VFD to main compressor	72	₹ 3,14,526	NA	NA

Energy Audit is an important tool which is useful to identify the energy saving opportunities and reduce energy consumption, save money and decrease the environmental impact. And an efficient and effective energy audit can help to improve companies' competitiveness and reputation among society as an environmentally friendly organization.

While carrying out energy audit at the Valve manufacturing industry, we followed three main phases namely walkthrough audit, detailed audit and post audit. In the preliminary audit or walkthrough audit we got familiarize to the company's production in order to understand the maximum energy consumption of the energy, also to know the different types of utilities being used for different processes. While carrying out walkthrough audit we also conducted interviews with the on-duty staff, from which we got information like working hours of machine, ideal running, breakdown of the machines, maintenance overhauling, shutdowns etc. We also found out that only 1 meter was been placed for both buildings (office as well as manufacturing plant). We conducted various

test such as water flow rate test (flow rate was high in the garden area), illuminance level checking (as the placement of certain lights were wrong due to additional lights installed on machine setup itself majorly on the second floor and on first & ground floor too much brightness was experienced and also workers were complaining about it that they were having strains in their eyes, and observed lack of illuminance in inventory), visual checks for air leaks in the pneumatic lines, and found out energy saving opportunities in air compressor) leakages were observed in the compressor room), cooling tower (wrong placement, not in good condition), companies director demanded to solve the illuminance issue in the inventory. We also collected information like electricity bills, water tank dimensions, scrap removal details etc. Analysis of electricity bills was done and found out the parameters like cost per unit (9.54kwh) which is quite efficient. While carrying out the project professional relationship was developed with industrial personals.

On the basis of the above experiments implemented and the results obtained we have suggested the above energy efficiency measures and energy conservation measures, which will not only reduce the electricity bills but also helps to enhance the safety of the plant. Also, when the ENCON and EEM is applied it will optimize the resources at their full capacity so it will also help to reduce carbon foot printing and eventually help the nature. After the authorized energy audit activity, the CEA can also grant ISO 14000, ISO 50001, ISO 50002 certifications, which will help the company to build brand image.

VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

VASAI ROAD, PIN-401202

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that project entitled has been carried out by

Rohit Adhikari

Amit Pandit

Prashant Bahu

Vedant Yamgar

*Students of final year B.E. (Mechanical Engineering)
Under our supervision & guidance, submitted in partial
fulfilment of the requirement for the award of*

BACHELOR OF ENGINEERING

*In Mechanical Engineering of the University of Mumbai
During Academic Year 2022-23*


Prof. Swapnil Mane

PROJECT GUIDE

INTERNAL EXAMINER


Dr. U.V. Aswatekar

HEAD OF DEPARTMENT

SEAL


Dr. H.V. Vankudre

PRINCIPAL


EXTERNAL EXAMINER

**UTTAM GALVA STEELS LIMITED**

H/O Uttam House, 69, P. D'Mello Road, Mumbai - 400009
Tel: 00562500 Fax: (022) 23481508, 23485025

Factory B No 71-75, Village Dornel, Khopoli-Pan Road
Taluka Khopoli, Dist. Raigad, Maharashtra - 410202
Tel: (02192) 270053, 270055 Fax: 278143

Date: 25th April 2023

To,

Head of Mechanical Engineering

VCET Vasai

Dear Sir/Madam,

This is to certify that Mr. Prashant Sahu, Mr. Rohit Adhikari, Mr. Amit Pandit and Mr. Vedant Yamgar from the Final Year (B.E.) Mechanical Engineering department at Vidyavardhini's College of Engineering have successfully completed their Project entitled "Energy Performance Analysis of Processes in the Steel Industry" at our organization during the Year 2022-23.

These students were involved in measurement and calculations of Energy Intensive utilities like Boilers, Furnaces and Compressors under my guidance. Their conduct during the project duration was found to be satisfactory.

I wish them best of luck for their future endeavours.

Regards,

Mr. Atul Joshi, Energy Manager



UTTAM GALVA STEELS LIMITED





ACKNOWLEDGEMENT

We are highly indebted to our guide **Prof. Swapnil Mane** for giving us an opportunity to work under his guidance. Like a true mentor, he motivated and inspired us through the entire duration of our work. We express our gratitude towards our Head of department **Dr.Uday V. Aswalekar** for his support throughout the project work.

We are also grateful to the Mechanical department for assisting us and guiding us throughout the project. We also extend our thanks to the supportive staff of Mechanical department for providing us all the necessary facilities to accomplish this project. Last but not the least, we express our profound gratitude to the almighty and our parents for them blessings and support without which this task could have never been accomplished.

DECLARATION

We declare that this written submission represents our ideas in our own words and where others ideas or words have been included. We have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whose proper permission has not been taken when needed.

NAME OF THE STUDENTS	ROLL NO	SIGNATURE
ROHIT ADHIKARI	01	
AMIT PANDIT	26	
PRASHANT SAHU	34	
VEDANT YAMGAR	66	

PLACE: VASAI

DATE:

APPROVAL SHEET


This project report entitled “Energy audit of steel industry (Uttam Galva)”

By

NAME OF THE STUDENTS	ROLL NO
ROHIT ADHIKARI	01
AMIT PANDIT	26
PRASHANT SAHU	34
VEDANT YAMGAR	66

Is approved for degree of Bachelor of Engineering

Examiners

1. 
2. 
23/04/2023

ABSTRACT

The steel industry is known for its high energy consumption and carbon emissions, making it a critical sector to address in the context of climate change mitigation efforts. In this study, we conducted an energy audit of a steel industry to identify opportunities for energy efficiency improvements and cost savings. We analysed the energy consumption patterns of various processes and systems within the industry, including energy generation, cooling systems, and finishing operations. Our audit revealed that significant energy savings could be achieved by implementing measures such as incorporating latest energy efficient technologies, waste heat recovery, and improved insulation. We also identified opportunities to integrate renewable energy sources into the steel industry's energy mix, such as through the use of solar technologies. Overall, our findings suggest that energy audits are an effective tool for identifying energy efficiency opportunities in the steel industry and reducing its environmental impact.

CHAPTER 8

ENERGY CONSERVATION MEASURES

Table 11: Energy Conservation Measure: 01

Energy Conservation Measure Number : 01			
A	Title of Recommendation	:	Replacement of Old Natural Draft Cooling Towers
B	Proposed Electrical Saving	:	The Pumping power can be reduced by 177.6 KW saving =0.6 Million kWh/Year.
	Proposed Saving (Million kWh/year)	:	0.60
C	Cost Saving (Million Rs/Year) (Unit Rate Rs 7.2 Rs/kWh)	:	4.32
D	Approximate Investment (Million Rs.)	:	5.50
E	Simple Payback Period (Months)	:	15.28

Table 12: Energy Conservation Measure: 02

Energy Conservation Measure Number : 02			
A	Title of Recommendation	:	Arresting of steam losses from Pickling process line in Donvat Plant.
B	Proposed Steam Saving	:	Steam saving =0.055kg/Ton of production. Annual production=2327654T
	Proposed Steam Saving (Kg/Year)	:	128021
C	Proposed Coal Saving (Kg/Year)	:	26000
D	Fuel Cost Saving (Rs/Year)	:	130000
E	Approximate Investment (Rs.)	:	30000
F	Simple Payback Period (Months)	:	2.76

Table 13: Energy Conservation Measure: 03

Energy Conservation Measure Number : 03		
A	Title of Recommendation	: To arrest the insulation losses from the Hotspot Observed in Captive Power Plant
B	Description of Proposed System	: To arrest the losses with replacement of new insulation or maintenance.
C	Proposed Fuel Saving (Kg/year)	: 14,562.45
D	Energy Cost Saving (Unit Rate 5 Rs/kg of coal)	: 0.07
E	Investment (Million Rs.)	: 0.13
F	Simple Payback Period (Months)	: 21.75

Table 14: Energy Conservation Measure: 04

Energy Conservation Measure Number : 04		
A	Title of Recommendation	To increase the effectiveness of APH used in boiler.
B	Description of Existing System and its operation	In existing setup one APH is used in boiler, which is found to be in poor condition and having air leakages.
C	Description of Proposed System	It is recommended to increase the effectiveness of APH we need to seal the losses.
D	Proposed Saving	1.2 lakh
E	Investment	0.2 lakh
F	Simple Payback period (months)	2

Table 15: Energy Conservation Measure: 05

Energy Conservation Measure Number : 05			
A	Title of Recommendation	:	To Provide Excess Air Control for Captive Power Plant
B	Description of Existing System and its operation	:	Currently there is no tuning carried out for excess air control. The measured value of oxygen percentage was 8% which is 61% of excess air. Though it is difficult to maintain design excess air condition at partial loading of power plant, the monitoring and control will save the fuel.
C	Description of Proposed System	:	The plant has existing oxygen monitoring system which is not working properly in absence of proper sensor. The sensor can be repaired and existing monitoring system can be made operative.
D	Proposed Fuel Saving	:	The fuel saving of 1% can be achieved on conservative side
	Proposed Energy Saving (MT of Coal /year)	:	The yearly coal consumption of the plant is 12875 MT of coal. Considering 1% of fuel saving $= 12875 * 0.01 = 128.75$ MT/year
E	Energy Cost Saving (Unit Rate 5 Rs/kg of coal)	:	0.64
F	Investment (Million Rs.)	:	0.50
H	Simple Payback Period (Months)	:	9.32

CHAPTER 9

CONCLUSION

Based on the findings of the energy audit conducted on the steel industry, it can be concluded that there are significant opportunities to improve energy efficiency and reduce energy consumption. The audit identified several areas where energy-saving measures can be implemented, including upgrading equipment, improving maintenance practices, implementing energy management systems, optimizing production processes, and enhancing employee awareness and training programs. By implementing these measures, the steel industry can achieve significant energy and cost savings while also reducing its environmental footprint. The success of these measures will depend on the commitment and involvement of all stakeholders in the industry, including management, employees, and suppliers. A comprehensive and sustained effort to improve energy efficiency can position the steel industry for long-term sustainability and competitiveness in a rapidly changing global market.

Utilities	Savings per year (Rs/year)	Investment (Rs)	Simple payback period (months)
Cooling tower	43 lakh	55 lakh	15.28
Air preheater	1.2 lakh	0.2 lakh	2
Steam pipe (CPP)	1.3 lakh	0.3 lakh	2.76
INSULATION LOSSES	0.7 lakh	1.3 lakh	21.75



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY,

VASAI ROAD, PIN-401202

DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that project entitled has been carried out by

Dhrupal Patil

Vaidik Bari

Mayur Deskar

*Students of final year B.E. (Mechanical Engineering)
Under our supervision & guidance, submitted in partial
fulfillment of the requirement for the award of*

BACHELOR OF ENGINEERING

*In Mechanical Engineering of the University of Mumbai
During Academic Year 2022-23*


Mr. Mukund Kavkar

PROJECT GUIDE
INTERNAL EXAMINER



Mr. Elangowah R. Mudaliyar
(MD) PEP PVT. LTD.

PROJECT CO-GUIDE

SEAL


Dr. C.V. Aswalekar

HEAD OF DEPARTMENT


Dr. H.V. Vankudre

PRINCIPAL
EXTERNAL EXAMINER



Date: 1st July, 2022

To,

The Principal

Vidyavardhini's College of Engineering and Technology,

Vasai(w), Maharashtra - 401202.

Subject: Sponsorship letter to students for industry project

Respected sir,

As a part of initiative towards industry-institute interaction, we hereby sponsor the following bonafide students of Department of Mechanical Engineering, Vidyavardhini's College of Engineering and Technology, Vasai for undergoing on live project problem named "Design and Development of Automatic System for HEPA Filter Replacement in Industry" as their final year project during academic year 2020-21. The objective of this project is to improve the quality of electrode pinning process with reduction of waste of valuable material and corresponding expenditure over manual operation. The sponsorship will be in terms of providing in industry support for input data required, manufacturing of system, experimenting for performance evaluation followed by training to industry staff for operating the automatic machine.

List of students:

Ms. Dhrupal Patil

Mr. Vaidik Bari

Mr. Mayur Deokar

The students will able to apply their fundamental knowledge of mechanical engineering and mechatronics under guidance of **Mr. Elangovan R. Mudaliyar** along with **Mr. Mukund Kavekar**, VCET, Vasai.

Thank you,

Yours faithfully,

For Plant Engineering Peoples Pvt. Ltd

For **PLANT ENGINEERING PEOPLE PVT. LTD**

Mr. Elangovan R. Mudaliyar
(Managing Director)

SEAL OF INDUSTRY





Date: 22/04/2023

To.

Dr. U. V. Asolekar

Head Department of Mechanical Engineering,

Vidyavardhini's College of Engineering and Technology

Vasai (W), Palghar, Maharashtra.

Dear Sir,

This is to certify that Mr. Dhrujal Patil, Mr.Vaidik Bari and Mr.Mayur Deokar B.E (Mechanical) Final year, of Vidyavardhini's College of Engineering and technology, Vasai, have successfully completed the project titled, "Design and Development of Automatic System for HEPA Filter Replacement in Industry" at plant, Plant Engineering Peoples Pvt Ltd, MIDC, Industrial Area, Tarapur-401 506.

Their conduct and attendance during their project from July 2022 to March 2023 was satisfactory.

For Plant Engineering People Pvt. Ltd.


Mr. Elangovan R. Mudaliyar
(Managing Director)





21st Apr 2023

This is to clarify that

DHRUPAL PATIL

VAIDIK BARI

MAYUR DEOKAR

These students from Department of Mechanical engineering from vidyavardhini's college of engineering and technology have completed industry sponsored project of **DESIGN AND DEVELOPMENT OF AUTOMATIC SYSTEM FOR REPLACEMENT OF HEPA FILTER IN INDUSTRY** During the period of 1st JULY 2022 to 21st April 2023 under the guidance of **Mr. Elangovan Mudaliyar** & guide **Mr. Mukund Kavekar**.

For Plant Engineering Peoples Pvt. Ltd.


Mr. Elangovan R. Mudaliyar
(Managing Director)



ACKNOWLEDGEMENT




It has been a great experience working on this project. However, it would not have been possible without the kind support and help of many individuals and organizations. I would like to extend my sincere to all them.

We sincerely thank our project guide **Mr. Mukund Kavekar** sir for his valuable guidance, constructive criticism and encouragement during every stage of this project. Apart from our subject of research, we learnt a lot from him, which we are sure, will be useful in different stages of our life.

We owe a depth of gratitude to **Dr. U.V. Aswalekar, HOD**, Department of Mechanical engineering for all the facilities provided during the course tenure. We also convey great thanks to our Honourable Principal **Dr. Harish Vankudre** who helped a lot for completion of this project. Last but not the least we would also thank our parents who were always supported us and all those people who have helped us directly or indirectly for completion of this work.

DECLARATION

We declare that this written submission represents our ideas in our own words and where others' ideas or words have been included. We have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whose proper permission has not been taken when needed.

NAME OF THE STUDENTS	ROLL NO	SIGNATURE
Dhrupal Patil	B-29	
Vaidik Bari	A-04	
Mayur Deokar	A-09	

PLACE: VASAI

DATE:

APPROVAL SHEET

This project report entitled "**Design and Development of Automatic System for HEPA Filter Replacement in Industry**"

By

NAME OF THE STUDENTS

ROLL NO

Dhrupal Patil

B-29

Vaidik Bari

A-04

Mayur Deokar

A-09

Is approved for degree of Bachelor of Engineering

Examiners

1. 

2. 

ABSTRACT

In the chemical industry, toxic by-products are produced from chemical reactions, so toxic reactions are carried out to produce useful products. Intrinsically toxic ash particles, sulfur and ammonia compounds. When this waste directly enters the environment, it affects local livelihoods, to avoid this a filtration process is required. To be done just before exhaust. This filtration process is carried out by several filters called HEPA filters and PRE filters. It contains toxic gases coming out of the reactor and first passes through the PRE filter.

After the remaining small particles are trapped in the HEPA filter, air with larger particles is trapped inside it. Therefore, HEPA and PRE filters have their own service life. At the end of its service life, the filters are replaced with new filters. In today's pre-filter and HEPA filter industry, replacing an exhaust outlet is done manually with a wrench or similar tool in as little as 25 minutes, probably a significant amount of time to replace. Filters are replaced monthly. Long stays in this area by people and workers can lead to serious illnesses such as heart disease, skin infections and even chronic asthma. During this process, various toxic gases are released into the environment, which are extremely harmful to living organisms. Our goal is therefore to automate the system. This is done in the shortest possible time and with minimal human intervention.

Chapter 5: Result & Discussion

5.1 MANUAL MODEL PROCEDURE – MAN TYPE FLOW CHART.

1) → Open Main Door

- Locate Lock
- Open Door By Key

Time Required – 5 Mins

2) → Removal Of Filter

- Locate Filter & No Of Nuts
- Open 1st Nut By Spanner
- Open 2nd Nut By Spanner
- Open 3rd Nut By Spanner
- Open 4th Nut By Spanner
- Shift Pressure Plate Behind
- Remove used Filter Manually




Time Required- 15 Mins

3) → Insert New Filter

- Add New Filter
- Tight 1st Nut By Spanner
- Tight 2nd Nut By Spanner
- Tight 3rd Nut By Spanner
- Tight 4th Nut By Spanner
- Inspect The Filter.

Time Required- 15 Mins

Table no. 6.1 Sign table

SYMBOL	NAME	OUTPUT
	OPERATION	4
	TASK	16
	INSPECTION	1

4) → Close Door

- Lock The Door

Time Required- 10 Mins

Total Time Required In This Method- 40 Mins

5.2 AUTOMATIC METHOD PROCEDURE – MAN TYPE FLOW CHART

1) → Open Main Door

- Locate Lock
- Open Door by Key

2) → Removal Of Filter

- Locate Filter
- Press Switch of Pneumatic (Push Pressure Plate Backward)
- Remove Used Filter

3) → Insert New Filter

- Add New Filter
- Again, Press Pneumatic Switch (Push Pressure Plate Forward)
- Inspection

4) → Close Door

- Lock The Door

Total Time Required In This Method- 13 Mins

Table no 6.2 Sign table

SYMBOL	NAME	OUTPUT
→	OPERATION	4
●	TASK	8
■	INSPECTION	1

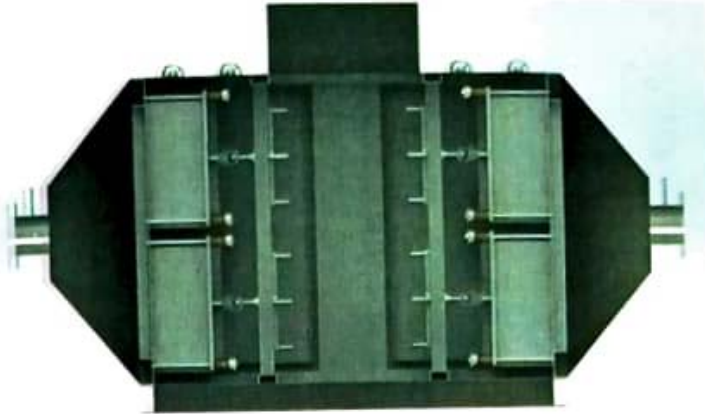


Fig no 6.1 Manual Model

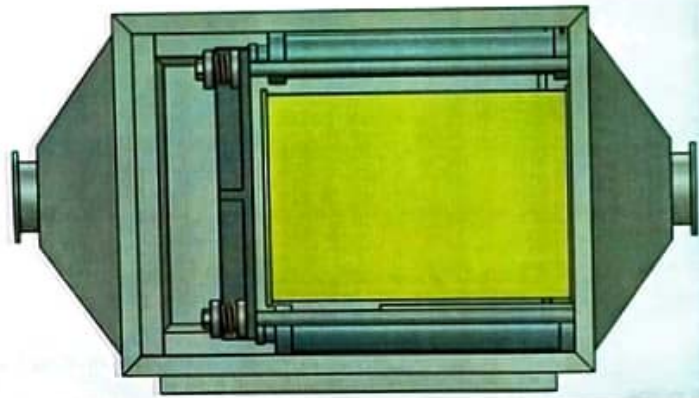


Fig no 6.2 Automatic Model



Fig no 6.3 Actual model with complete assembly

Chapter 6: CONCLUSION

This article presents automate main discussion of HEPA filter replacement using a pneumatic system. Change the mounting filter to the original model by loosening the nut. After adding the download, remove the filter and replace it with a new one. This takes less time than the model it modifies the old model with the help of spring and pull mechanism. Compared to its previous two models, the machine is a HEPA packing assembly.

One of the biggest challenges of the project is to eliminate human intervention. When a person needs to change the filter, the person is exposed to small ash and toxic substances, causing all sorts of lung and heart diseases. Remove and automate. Time reduced to with 40% with minimal human intervention

6.1 Application:

In places with high levels of harmful substances in the air, such as in the chemical industry and plastic molding, this filter removal process is used to remove the remaining particulate material for further use.

6.1.1 Removing Contaminants to Purify Air and Gas Streams

Industrial vision is important for manufacturing applications such as pneumatic conveying, additive manufacturing and landfill gas collection. Bad or undesirable bacteria should be thoroughly removed and quantified, as inhaling airborne dust can result in rejection of the entire product. Inlet air filters or combined inlet air filters and mufflers are used to protect pressure blowers.

6.1.2 Protecting Personnel and the Work Environment

A later ponder found that discuss quality has the most prominent affect on the generally wellbeing of laborers. A report by the U.S. National Library of Medication and the National Organizing of Wellbeing found that extraordinary climate conditions decrease and diminish efficiency. Laborers in businesses with clean discuss are more beneficial, so introducing suitable filtration frameworks is vital for specialist security and efficiency.

6.1.3 Filtration of exhaust gas particles

Good separation of waste, Gas and vapors is required for the vacuum production process to catch up with the main production process and reduce waste. This can be done with special vision and material separators and machines that separate the material from the air/flow under vacuum. These machines are used to remove certain liquids, vapors or solids from the oil stream that is recycled during production. In order for the vacuum production process to catch up with the main production process and reduce waste, good separation of waste, liquid and vapors is required. This can be done with special vision and material separators and machines that separate the material from the air/flow under vacuum. These machines are used to remove certain liquids, vapors or solids from the oil stream used during -production



VIDYAVARDHINI'S COLLEGE OF ENGINEERING
AND TECHNOLOGY

VASAI ROAD, PIN-401202

DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that project entitled has been carried out by

Jitesh Bhagudia

Deepesh Bhoir

Samadhan Salve

Ayush Singh

*Students of final year B.E. (Mechanical Engineering)
Under our supervision & guidance, submitted in partial
fulfilment Of the requirement for the award of*

BACHELOR OF ENGINEERING

*In Mechanical Engineering of the University of Mumbai
During Academic Year 2022-23*

Asst. Prof. Priti Vairagi

Mr. Hemant Isai

Dr. C. V. Aswalekar

Dr. H. V. Vankudre

PROJECTGUIDE

INTERNAL EXAMINER

PROJECT CO-
GUIDE

HEAD
OF DEPARTMENT

PRINCIPAL

SEAL

7/2/24/23
EXTERNAL EXAMINER



GENESIS ENGINEERING SOLUTION

Address: 203, Second Floor, Shrihari Industrial Estate, Near Arrow Engineering, Chinchpada to Gauraipada Road, Vasai (E) PIN: 401208

Contact: 8623056062 | 7588148354

Email: genesisingolution@gmail.com

GSTIN: 27DPPI5264G1ZA

GES/202223/DOC-IN-021

Oct 13, 2022

To,

The Principal

Vidyavardhini's College of Engineering and Technology,

Vasai (w), Maharashtra - 401202.

Subject: Sponsorship letter to students for industry project

As a part of imitative towards industry -institute interaction, we hereby sponsor the following bonafide students of Department of Mechanical Engineering, Vidyavardhini's College of Engineering and Technology, Vasai for undergoing on live project problem named 'Sorting and Packing of Injection molded parts' as their final year project during academic year 2022-23. The objective of this project is to Increase productivity and reduce error with effective use of Automation. The sponsorship will be in terms of providing in industry support for input data required, manufacturing of system, experimenting for performance evaluation followed by training to industry staff for operating the automatic machine.

List of students:

Mr. Jitesh Bhagudia

Mr. Ayush Singh

Mr. Deepesh Bhoir

Mr. Samadhan Salve

The students will able to apply their fundamental knowledge of mechanical engineering and mechatronics under guidance of Mr. Hemant Isai along with Proff. Priti Vairagi, VCET, Vasai.

For GENESIS ENGINEERING SOLUTION.


Hemant Isai
Proprietor

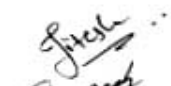

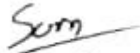

ACKNOWLEDGEMENT

We are highly indebted to our guide **Asst. Prof. Priti vairagi** for giving us an opportunity to work under her guidance. Like a true mentor, she motivated and inspired us through the entire duration of our work. We express our gratitude towards our Head of department **Dr. Uday V. Asolekar** for his support throughout the project work. We also extend our thanks to **Mr. Hemant Isai Sir** for his technical support.

We are also grateful to the Mechanical department for assisting us and guiding us throughout the project. We also extend our thanks to the supportive staff of Mechanical department for providing us all the necessary facilities to accomplish this project. Last but not the least, we express our profound gratitude to the almighty and our parents for them blessings and support without which this task could have never been accomplished.

DECLARATION

We declare that this written submission represents our ideas in our own words and where others ideas or words have been included. We have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whose proper permission has not been taken when needed.

NAME OF THE STUDENTS	ROLL NO	SIGNATURE
JITESH BHAGUDIA	A-55	
DEEPESH BHOIR	B-48	
SAMADHAN SALVE	B-61	
AYUSH SINGH	A-72	

PLACE: VASAI

DATE: ___/___/2023

APPROVAL SHEET

This project report entitled "Automatic Sorting and Packing of Moulded Parts"

By

NAME OF THE STUDENTS

ROLL NO

JITESH BHAGUDIA

A-55

DEEPESH BHOIR

B-48

SAMADHAN SALVE

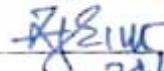
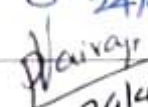
B-61

AYUSH SINGH

A-72

Is approved for degree of Bachelor of Engineering

Examiners

1. 
24/4/23
2. 
24/4/23

ABSTRACT

It is been understood that in these emerging manufacturing and assembly industries, reducing human interaction and utilizing automation are essential practices to adopt in order to achieve a high production rate, which is the only way to obtain a high margin. This project helps to do so. This project is related to the designing and manufacturing of a special purpose machine (SPM).

The SPM model not only conveys the product but also helps with packaging in an effective manner. The SPM includes an inclined type of belt conveyor (for the required elevated height), a weighing system, and a pneumatic sealing system for packing the correct quantity of product extracted from the injection moulding machine, SPM is designed to pack the parts of a clutch pencil like the tip of the pencil, sleeve, refill, cap, eraser cap, cone, shaft, dispenser ring etc.

The evaluation encompasses multiple facets such as optimal design selection, capability, and energy calculations of the model, additives in belt conveyors and their impact. The belt conveyor used in the processing industry is considered to have a layout potential of 100 kg/hour and a speed of 7.2 mm/sec. The main advantage of implementing this SPM is that it uses very little floor space nearly 2 m X 0.5 m to automate the process.

CHAPTER 8

RESULT

SPM was first designed and then modelled in Solidworks 2018; by referring to the same, a physical model of SPM is being developed in industry. Although certain changes were carried out, for example, using one pneumatic cylinder instead of two, hopper fabrication, the frame dimensions of the packaging system, etc. But it is must to make sure that efficiency is not hampered.



Fig. 8.1 (a) Front View of SPM



Fig. 8.1 (b) Isometric View of SPM



Fig. 8.1 (c) Back View of SPM



Fig. 8.1 (d) Side View of SPM

After implementing SPM, It is found that this was the best use of automation technology, which reduces overall cost, waste, and human intervention. The following charts show the relationship between the time required by the SPM for packaging and the time required by labour for packaging with respect to the quantity of units to be packed. As it is observe in the Fig 8.1, the time required for packaging by SPM is independent of the quantity that is to be packaged; 20 sec is require for packaging range 500 units to 7500 units. This 20 seconds is taken up by piston movement and processing time to acknowledge the weight on the loadcell and give output to

the compressor. In the case of humans or labour, the time requirement is based on the quantity to be packaged; the lower quantity requires less time, and the higher quantity requires more time for packaging.

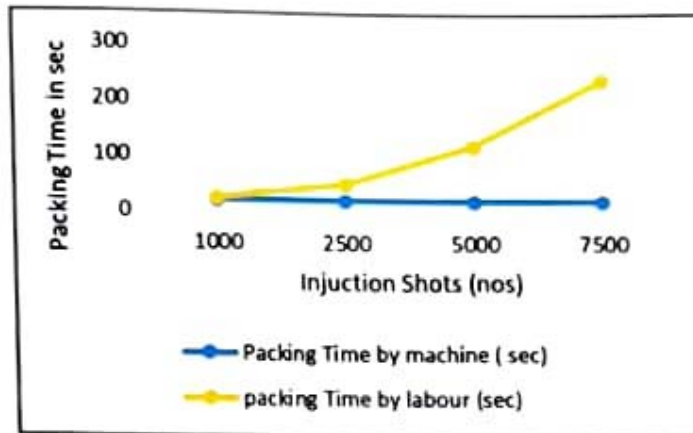


Fig. 8.2 Packaging time

By using SPM, a change is found in the overall cost for the conveying, weighing, and packaging processes. If a work force is assigned to packaging, they must pay regular wages of approximately 12,000 INR, plus food, responsibility, medical services, etc., resulting in approximately 35,000 INR spent on packaging if done by labour. But in the case of automation technology, which requires only electricity and minimal maintenance, significant cost savings are achieved.

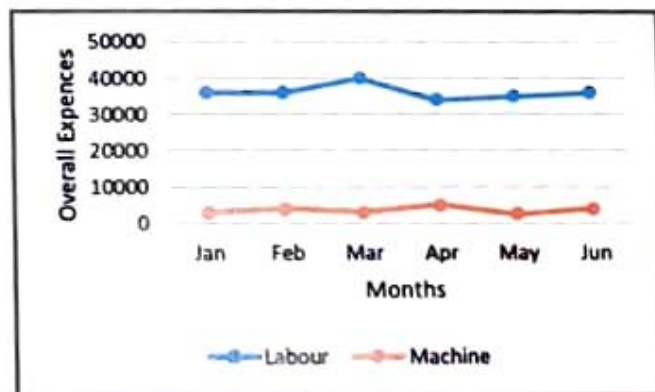


Fig. 8.3 Overall cost

Fig 8.3. can say that a labour workforce requires a high but consistent cash flow, whereas SPM requires a lower but safe fund (funds required during machine failure).

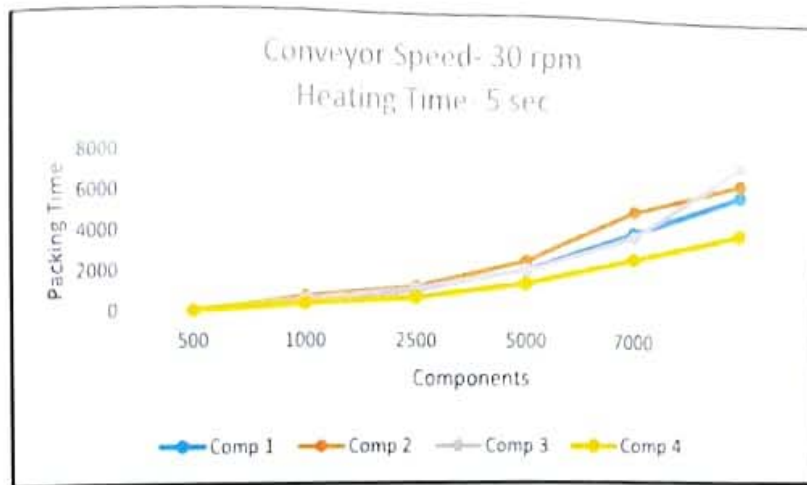


Fig. 8.4 (a) Production rate at 30 rpm

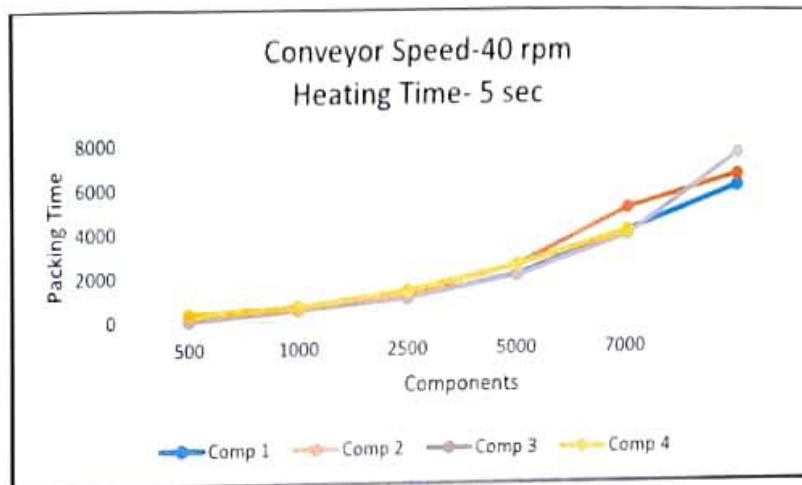


Fig. 8.4 (b) Production rate at 40 rpm

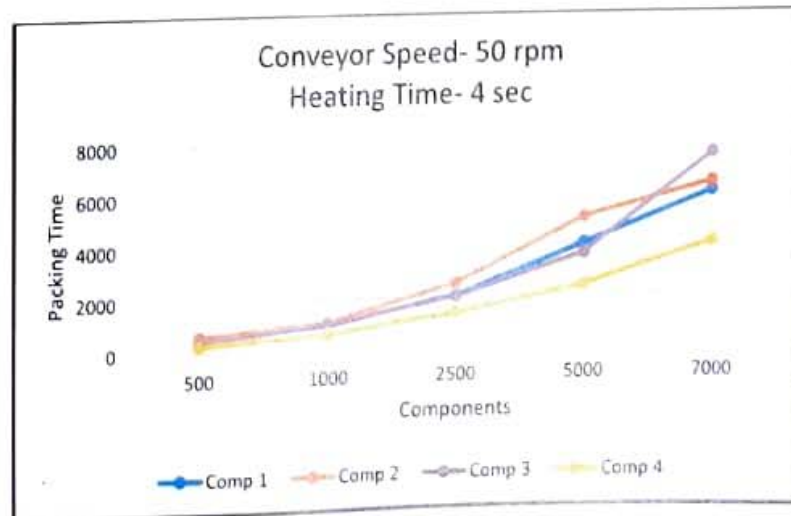


Fig. 8.4 (c) Production rate at 50 rpm

Component 1: Eraser cap

Component 2: Cone

Component 3: Shaft

Component 4: Clip

Component 5: Dispenser

As the above graph depicts, the packing time of each component varies with conveyor speed and heating time. The resulting value shows that by increasing conveyor speed and decreasing heating time, packing of components becomes faster. Speed of conveyor should be within limits; hence, an increase in speed will cause material to fall from the conveyor. The maximum speed that can be used is 7.2 mm/sec. The heating time can be adjusted between 2 and 5 seconds for effective sealing. The above graph depicts the belt condition under various loads. Belt is able to handle a 6 kg load with a slight decrease in speed, which is considerable.

CHAPTER 9

CONCLUSION

To pack 7500 units, a total of 250 seconds are required by two labours, and only 50 seconds are required for packing the same quantity of components by SPM, hence by implementing this, a reduction of 80% in time can be achieved when packaging 7,500 components, and a reduction of 58.33% in time can be achieved when packing 5,000 components of a mechanical pencil. Additionally, approximately 45% of the cost can be saved per month. Through this process use of modern tools and knowledge is utilize at a same time conventional method which is inefficient is replaced. This process changes the financial planning for the industry, since initially the labour were wages every month so according wages are offered, but now in this process high initial cost should be bear at the same time predictive maintenance cost (cost of maintenance when system stops working) that is emergency funds should be kept, since failure of system is sometimes not predictable. But at the same time It will increase and promote the usage of polythene which is not good for environmental but alternatives of that is not feasible only use of recyclable plastic is in our hand according to requirements of industry.

VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY

VASAI ROAD, PIN 401201

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that project entitled has been carried out by

Gautam Dargi

Viraj Gupta

Jemil Shah

Jyash Burti

*Students of final year B.E. (Mechanical Engineering)
Under our supervision & guidance, submitted in partial
fulfilment of the requirement for the award of*

BACHELOR OF ENGINEERING

*In Mechanical Engineering of the University of Mumbai
During Academic Year 2022-23*


Mr. Tusharkumar Raut


Mr. Nandakumar


Dr. V. Aswalekar


Dr. H.V. Vankudre


INTERNAL EXAMINER

PROJECT CO-GUIDE

HEAD OF DEPARTMENT

PRINCIPAL




EXTERNAL EXAMINER



Plot No. 14, Gauripada Agro Vrutak Lagrad Co-op. Soc. Ltd.
Survey No. 196, Hissa No. 5/1 Part Village Gokhware,
Taluka Vasai, District - Palghar 401 208.

Cell : +91-98208 18535 / 98924 23179
Email : nandakumar@omgautomould.com
omgautomould@gmail.com, jyothish_75@yahoo.com
Website : www.omgautomould.com
GST : 27AACCO9630R1ZP

Date: 25th March, 2023

To,

The Principal,

Vidyavardhini's College of Engineering and Technology,

Vasai (w), Maharashtra - 401202.

Subject: Sponsorship letter to students for industry project

Respected sir,

As a part of imitative towards industry -institute interaction, we hereby sponsor the following bonafide students of Department of Mechanical Engineering, Vidyavardhini's College of Engineering and Technology, Vasai for undergoing on live project problem named "**Design Optimization of Spray-Painting Machine for Injection Moulding Products**" as their final year project during academic year 2022-2023. The objective of this project is to solve the issue faced by the company & increase their production rate of painted products. The sponsorship will be in terms of providing in industry support for input data required, manufacturing of system, experimenting for performance evaluation followed by training to industry staff for operating the automatic machine.

List of students:

Mr. Gautam Bansidher Darji

Mr. Viraj Pravin Gupta

Mr. Jemil Pinal Shah

Mr. Tejash Umesh Surti

The students will able to apply their fundamental knowledge of mechanical engineering and mechatronics under guidance of **Mr. Nandakumar** along with, **Mr. Tusharkumar Raut, VCET, Vasai**
Thank you,

Yours faithfully,

OMG AUTO MOULD PVT.LTD

Nandakumar
Mr. Nandakumar
Director





Plot No. 14, Geurapada Agro Vruksh Lagwad Co-op. Soc. Ltd.
Survey No. 198, Hissa No. 5/1 Part Village Gokhware,
Taluka Vasai, District - Palghar 401 208.

Cell : +91-98208 18535 / 98924 23179
Email : nandakumar@omgautomould.com
omgautomould@gmail.com, jyothish_75@yahoo.com
Website : www.omgautomould.com
GST : 27AACCO9830R1ZP

Date: 27th March, 2023

To,
The Principal,
Vidyavardhini's College of Engineering and Technology,
Vasai (w), Maharashtra - 401202.

Subject: Project Completion letter to Students & College for Industry project

Respected sir,

As a part of imitative towards industry -institute interaction, We hereby like to inform you that the following students of Department of Mechanical Engineering, Vidyavardhini's College of Engineering and Technology, Vasai have Completed the Project Successfully in my Industry OMG AUTO MOULD Pvt. Ltd, project Entitled "**Design Optimization of Spray-Painting Machine for Injection Moulding Products**" as their final year project during academic year 2022-2023. The objective of this project was to solve the issue faced by the my company & increase our production rate of painted products. The Students have used their Technical Engineering Skills & have solved the issue to greater extent. We would like to thank **Vidyavardhini College of Engineering & Technology, Mr. Tusharkumar Raut & Students** for solving the issues which we were facing for our production. This have helped us a lot for Satisfying the needs of the production rate of the company.

List of students:

Mr. Gautam Bansidher Darji
Mr. Viraj Pravin Gupta
Mr. Jemit Pinal Shah
Mr. Tejash Umesh Surti

Thank you.

Yours faithfully,

OMG AUTO MOULD PVT.LTD

Nandakumar
Mr. Nandakumar
Director



ACKNOWLEDGEMENT

It has been a great experience working on this project. However, it would not have been possible without the kind support and help of many individuals and organizations. I would like to extend my sincere to all them.

We sincerely thank our project guide **Mr. Tusharkumar Raut** and our co-guide **Mr. Nandakumar** for his valuable guidance, constructive criticism, and encouragement during every stage of this project. Apart from our subject of research, we learnt a lot from him, which we are sure, will be useful in different stages of our life.


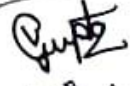
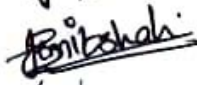

We owe a depth of gratitude to **Dr. U.V. Aswalekar**, HOD, Department of Mechanical Engineering for all the facilities provided during the course tenure.

We also convey great thanks to our Honourable Principal **Dr. Harish Vankudre** who helped a lot for completion of this project.

Last but not the least we would also thank our parents who were always supported us and all those people who have helped us directly or indirectly for completion of this work.

DECLARATION

We declare that this written submission represents our ideas in our own words and where others' ideas or words have been included. We have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whose proper permission has not been taken when needed.

NAME OF THE STUDENTS	ROLL NO	SIGNATURE
GAUTAM DARJI	B-07	
VIRAJ GUPTA	B-12	
JEMIT SHAH	B-40	
TEJASH SURTI	B-43	

PLACE: VASAI

DATE: 24/04/2023

APPROVAL SHEET

This project report entitled “**Design & Optimization of Spray-Painting Machine for Injection Moulding Plastic Products**”


By

NAME OF THE STUDENTS	ROLL NO
GAUTAM DARJI	B-07
VIRAJ GUPTA	B-12
JEMIT SHAH	B-40
TEJASH SURTI	B-43


Is approved for degree of Bachelor of Engineering

Examiners

1.

 R.S. Deshmukh

2.

 T.D. Raut

ABSTRACT

Injection moulding is a manufacturing process in which paste material is injected into a mould to produce a part. A range of materials, especially metals, glass, elastomers, confectionary, and most frequently thermoplastic and thermoset polymers, can be moulded using the injection moulding process. Spray painting is a technique where paint (such as paint, ink, varnish, etc.) is applied on a surface with the help of compressed air.

The most popular kind atomizes and directs the paint particles using compressed gas (often air). Airbrushes can be differentiated by the area covered by the spray pattern they produced. For detailed tasks, such as photo editing, nail painting, art, airbrushes are used in place of brushes. Larger equipment is usually used when spraying with an air gun. Typically used to cover large surfaces with an even layer of liquid.

The spray guns can be either handled or automatic, and they include replaceable heads that enable various spray patterns. Blank aerosol paint cans are portable and easy to store. Currently, the industry is facing a major problem the production speed of injection moulded parts does not match the production speed of painted parts.

The current setup is completely manual and consumes a lot of space and time. A lot of paint is wasted with the current setup. Therefore, we plan to develop a machine that will help the industry to solve all these problems and improve the production rate of painted parts. This construction also reduces paint waste.

CHAPTER 5

OBSERVATIONS & RESULTS

5.1 WORK OUTPUT RESULTS OF MODEL 1

Jigs attached in this setup: 6

Component painted at one time in different stations: 3

Production rate of Component Painted per minute: 4.5 component

Production rate of component painted per hour: $4.5 \times 60 = 270$ components.

12 hours of shift,

Production rate of Component painted per day: $270 \times 12 = \underline{3240}$ components.

Working days: 25 days

So, $3240 \times 25 = 81,000$ components per month.

Thus, production rate of painted components per month will be 81,000 components

& production rate of painted components per day will be 3240 components.

5.2 WORK OUPUT RESULTS OF MODEL 3

Component painted at one time in different stations: 1

Time taken to paint 1 Component: 10 secs

Production rate of Component Painted per minute: 5 components.

Production rate of component painted per hour: $5 \times 60 = 300$ components.

12 hours of shift,

Production rate of Component painted per day: $300 \times 12 = \underline{3600}$ components.

Working days: 25 days

So, $3600 \times 25 = 90,000$ components per month.

Thus, production rate of painted components per month will be 90,000 components

& production rate of painted components per day will be 3600 components.

SR NO	PARAMETERS	EXISTING	DESIGN 1	DESIGN 3 (expected)
1	Production rate Per Day (Injecting Moulding)	5000	5000	5000
2	Production rate per day (Painted products)	1000	3240	3600
3	Total Power Consumed (units per day)	308.76	845.64	326.70
4	Space Required for Setup	Less	More	Moderate
5	Manufacturing cost (Rs)	-	Rs 46,320	Rs 1,20,000
6	Maintenance cost	Low	Moderate	High
7	Errors	High	High	Low

Table 5.1 Final comparison between existing model, design 1 model, design 3 model

5.3 EXPERIMENTATION & RESULTS

We purchased the required components of Experimental model 3, even we prepared the mould of the gun for spray painting. We made the different holes in the mould of gun for carrying out spray painting for that particular area. This painting is often called as mask painting. To assure that spray painting should be proper, we wrapped the jig/mould with rubber band, so that there will be no gaps in between the gun and the mould.



Fig. 4.11 Plain Gun without Mould



Fig. 4.12 Plain gun with jig before spray painting

After we wrapped the mould with the rubber band, our mould was ready for the experimentation, then we started with assembly of all the components of the model. We connected all the components, and then we were ready for the experimentations. We firstly for trail purpose we used water for spray painting, with water it worked well. So, we mixed the paint with thinner & hardener and then started our experimentation. We first experimented the spray painting for that particular spot by keeping base level constant and moving the spray gun, through this we got to know that by this mechanism of keeping constant base and moving spray gun for spray painting, Paint is wasted and there is no accuracy. So, at next iteration we now kept spray gun constant at one place and moved the base as a conveyor belt moves. As we move the base by keeping spray gun at constant position, we obtained better results. Accuracy of paint was better. After that we wanted to know at what height the spray gun should be attached so that it gives accurate results so with experimental trials, we finalized that spray gun should be 35cm above the belt conveyor. After the experimentation we observed the spray painting was much better then normal hand spray painting. The quality of painting was as accurate as it was required.



Fig. 4.13 Jig During Spray Painting



Fig. 4.14 Final result

CHAPTER 6

COST REPORT

Component Name	Dimensions	Quantity	Price Of Each Component Per Piece (Approx.)	Total Price
Centrifugal Pump	-	2	Rs.16800	Rs.33600
Metal Plates	(Length: 4m Breadth: 1.5m, Thickness: 4 mm)	8	1kg = Rs.68	Rs.2108
Square Tubes	(Length: 1m, 100 By 100 mm)	8	Rs. 65	Rs.540
Spray Paint Gun	-	4	Rs.2500	Rs.10000
WA-200-1.2mm Automatic Spray Gun	-	2	Rs.15500	Rs. 31050
Pressure Feed Tank	9 litres	1	Rs. 11200	Rs. 11200
Electric Control Panel	-	1	Rs.17500	Rs.17500
Air Manifold with regulator & Solenoid Valve	-	1	Rs.8300	Rs.8300
SS Inert Container	-	1	Rs.1850	Rs.1850
Fittings	-	2 sets	Rs.500	Rs.500
PU Tubing	-	20 meters	Rs.100	Rs.100

Miscellaneous	-	-	-	Rs.3050
				Total: Rs 1,20,000

Table 6.1 Tentative cost estimation of experimental setup

The total cost of manufacturing experimental setup = **Rs 1,20,000**

CHAPTER 7

CONCLUSION

Before Concluding the Project, we would like to summarize the work done by us. First, we had done the Initial survey where we visited the company and gained knowledge about the work culture of the industry, the products they manufacture in the industry, the machines they use to manufacture the products and so on. We understood the actual problems faced by the industry and the need for some solution. After identifying the needs of the industry, we drafted the title of the project, problem statements and objectives of our project. After drafting, we analysed thoroughly the existing setup its production rate, its power consumption, etc. After that we tried and proposed 4 designs in front of the industry owner and explained the merits and demerits of all 4 proposed designs. While explaining we have also explained the estimated cost each setup can take to manufacture. After approval of the industry, due to urgent requirements of the industry, we moved ahead with finalizing the designs of Model 1 according to dimensions and tolerances, we purchased all the required components, Manufactured the setup with collaboration with the industry, we tested and Analysed our Model 1 setup, compared it with the Existing Setup and drafted the conclusion this setup fulfils the requirements to certain extend but can be optimized. Therefore, there was still need for the improvement, and to address this, we introduced Model 3 - an optimized version of Model 1, featuring automation. An experimental Setup of Automation was designed & tested through this setup Production rate of Painted Products was Satisfied.

Production rate of Component painted per day by existing setup = 1080 components.

Production rate of Component painted per day by Model 1 = 3240 components.

Production rate of Component painted per day by Model 3 = 3600 components.

Thus model 1 has been manufactured and is currently been used by the industry to meet their requirement also we have provided industry with an experimental automation setup. If in the future industry want to shift to automation to increase their production, they can refer our experimental setup and change their complete production to automation.

VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

VASAI ROAD, PIN-401202



DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that project entitled has been carried out by

Aakash Chaugule

Apeksha Gawas

Pushkar Ghaisas

Shriniwas Kini

Students of final year B.E. (Mechanical Engineering)

*Under our supervision & guidance, submitted in partial
fulfilment of the requirement for the award of*

BACHELOR OF ENGINEERING

In Mechanical Engineering of the University of Mumbai

During Academic Year 2022-23

Melade
Dr. Ashish Chaudhuri

Ashish Patil
Mr. Ashish Patil and
Mr. Aishwarya Patil,
M/s. Patil Machines Pvt. Ltd

Asolef
Dr. U.V. Aswalekar

H.V. Vankudre
Dr. H.V. Vankudre

PROJECT GUIDE

PROJECT CO-GUIDE

HEAD OF DEPARTMENT

PRINCIPAL

Melade
INTERNAL EXAMINER

SEAL

H.V. Vankudre
EXTERNAL EXAMINER



Date: 18th Oct, 2022

To,
The principal,
Vidyavardhinis's College of Engineering and Technology,
Vasai(w), Maharashtra- 401202

Subject: Sponsorship letter to students for industry project

Respected sir,

As a part of imitative towards industry- institute interaction, we hereby sponsor the following bonafide students of Department of Mechanical Engineering, Vidyavardhinis's College of Engineering and Technology, Vasai for undergoing on live project problem named "**Design and Modification of twin layer detergent tablet making machine**" as their final year project during academic year 2022-2023. The objective of this project is to redesign simple detergent tablet making machine into twin layer detergent tablet making machine. The sponsorship will be in terms of providing in industry support for input data required, manufacturing of system, experimenting for performance evaluation followed by training to industry staff for operating the automatic machine.

List of students:

Mr. Aakash Chaugule

Mrs. Apeksha Gawas

Mr. Pushkar Ghaisas

Mr. Shriniwas Kini

The students will able to apply their fundamental knowledge of Mechanical Engineering and mechatronics under guidance of **Mr. Ashish Patil** along with **Dr. Ashish Choudhari**, VCET, Vasai

Thank you,

Yours faithfully,

For Patil Machines Pvt. Ltd.

AAPatil

Ms. Aishwarya Patil,
Director

SEAL OF INDUSTRY



Acknowledgment

The experience of working on this project has been wonderful. It would not have been possible, though, without the kind support and cooperation of many people and organizations. We want to sincerely thank & express gratitude to everyone.

We sincerely thank **Dr. Ashish J. Chaudhari**, our project mentor, for his invaluable advice, helpful criticism, and support throughout every phase of this project. In addition to our research topic, he taught us a lot of other things that we are confident we will utilise throughout our lives.



We appreciate all the resources made accessible during the course by Dr. U.V. Asolekar, Head of the Department of Mechanical Engineering.

We extend our sincere gratitude to our respected principal, Dr. Harish Vankudre, who made a significant contribution to the success of this project.

Finally, we would like to thank our parents for their continuous support as well as everyone else who helped in any manner to complete this work.

DECLARATION

We declare that this written submission represents our ideas in our own words and where others ideas or words have been included. We have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whose proper permission has not been taken when needed.

NAME OF THE STUDENTS	ROLL NO	SIGNATURE
AAKASH CHAUGULE	49	
APEKSHA GAWAS	52	
PUSHKAR GHASAS	53	
SHRINIWAS KINI	58	

PLACE: VASAI

DATE: 16/04/2023

APPROVAL SHEET



This project report entitled “**Design and Modification of Twin Layer Detergent
Tablet Making Machine**”

By

NAME OF THE STUDENTS	ROLL NO
AAKASH CHAUGULE	49
APEKSHA GAWAS	52
PUSHKAR GHASAS	53
SHRINIWAS KINI	58

Is approved for degree of Bachelor of Engineering

Examiners

1.  Dr. R. S. Mangra, SPCE
2.  Dr. Ashish Chaudhari

ABSTRACT

A Patil machine manufacturing plant, whose main product is making tablet punching machines for domestic and commercial use, as per company requirement we convert single-layer machines into double-layer machines. In a single layer machine per hour capacity is 7200 after upgrading machine capacity is reduced to 4500. Movements and compaction force in the tableting machine are performed using electro-hydraulic technologies. Due to dosing advantages, detergent powders are sometimes processed into compact tablets for cleaning purposes., Minimizes product dust and packaging than powdered counter parts.

Because compact tablets offer advantages over powders in terms of dosing, less dusting, and packaging, detergent powders are occasionally transformed into them for cleaning purposes. Handling is significantly influenced by flow-ability. The powder's particle size has great impact on handling, flowable, and strength of resulting compact tablet.

CHAPTER 5

TESTING AND EXPERIMENTATION

5.1 HARDNESS TEST

The detergent tablet hardness test is a mechanical test used to determine the strength and resistance of detergent tablets. It involves subjecting the tablets to pressure until they break or crumble. The test is conducted using a hardness tester, which measures the force required to compress the tablet.

Table no. 5.1 (Hardness Testing Data)

HARNES TESTING			
TIME (SEC)	SAMPLE 1	SAMPLE 2	SAMPLE 3
0	0	0	0
10	0.5	0.7	0.6
20	1	1.4	1.2
30	1.5	2.1	1.8
40	2	2.8	2.4
50	2.5	3.5	3
60	3	4.2	3.6
70	3.5	0	4.2
80	0	0	3.5
90	0	0	0
100	0	0	0

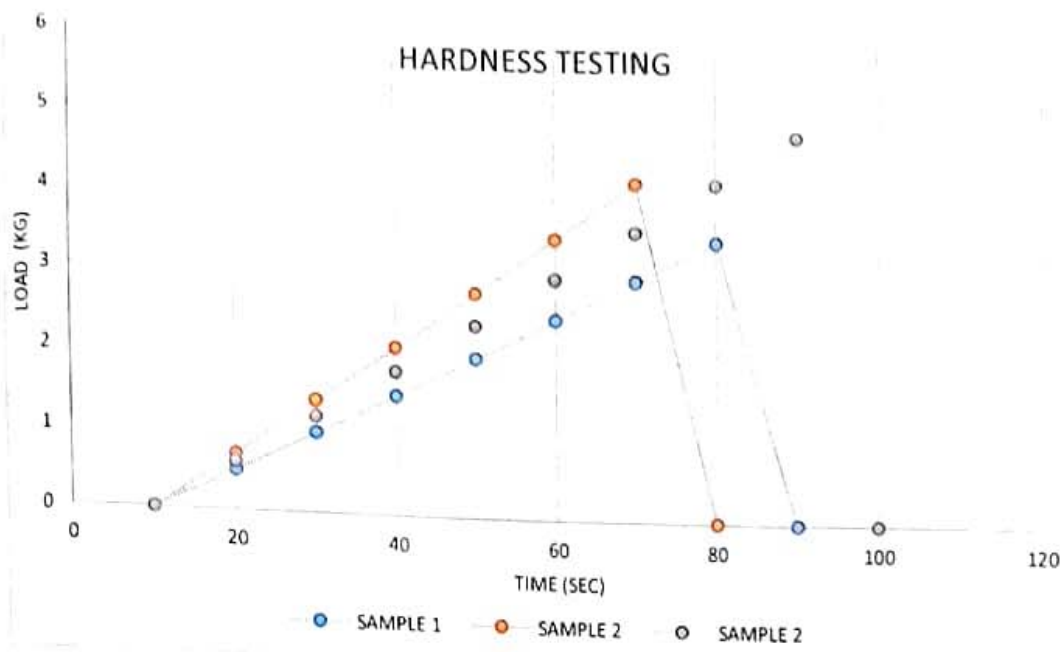


Fig. 5.1 Hardness Testing Results

During the test, the detergent tablet is placed on the platform of the hardness tester, and pressure is applied using a flat punch. The pressure is applied until the tablet breaks and the force applied is recorded. The results of the detergent tablet hardness test can be used to evaluate the quality and performance of the tablets. Higher tablet hardness indicates a better resistance to crushing and therefore better handling and shipping qualities. The test can also be used to ensure that the tablets meet the standard requirements set by regulatory bodies. Overall, the hardness test is an important quality control measure that helps to ensure the consistency and effectiveness of detergent tablets. From the given table, we can observe that the hardness of three different samples is being measured at different time intervals. As time increases, the hardness value also increases for all the samples. However, sample 2 has consistently shown higher hardness values than sample 1 and sample 3. At the end of the test, sample 2 has the highest hardness value of 4.2 kg whereas sample 1 and sample 3 have hardness values of 3 kg and 3.6 kg respectively.

In conclusion, from the given data, we can say that sample 2 has the highest hardness value and shows the best mechanical properties among the three samples. However, further testing is required to evaluate other mechanical properties and to draw more accurate conclusions about the quality of these sample

5.2 Hardness Testing Machine

UHT Series Tablet Hardness Testers are the requisite instrument in detecting the hardness of tablets. The Tablet hardness tester is used in the pharmaceutical industry to test the structural

integrity of a tablet (breaking point or "Tablet Break Force", which is the force required to cause them to fail). This is an important test for the pharmaceutical industry as it ensures that tablets must be hard enough to withstand the stress of various conditions such as normal storage, transportation, and handling by the consumer before usage. Tablet strength serves both as a criterion by which to guide product development and as a quality control specification. The tablet is placed between the platens so that compression occurs across a diameter. However, tablets with a unique or complex shape may have no obvious orientation for breaking force determination. Because the breaking force may depend on the tablet's orientation in the tester, to ensure comparability of results, it is best to settle on a standard orientation, preferably one that is most readily and easily reproduced by operators. In general, tablets are tested either across the diameter or parallel to the longest axis. Scored tablets have two orientation possibilities. When they are oriented with their scores perpendicular to the platen faces, the likelihood that tensile failure will occur along the scored line increases.



Fig. 5.2 Hardness Testing Machine

5.3 Solubility Test

A method called solubility testing is used to assess a substance's capacity to dissolve in a certain solvent under circumstances. The test is frequently employed in chemistry and pharmaceuticals to evaluate a substance's purity and to identify the most appropriate dosage. A little amount of the chemical is introduced to a test tube or other container, together with a precise quantity of solvent, to conduct a solubility test. After that, the mixture is shaken or swirled for a while to help the material dissolve. A substance is deemed to be soluble if it entirely dissolves in the solvent. It is deemed to be insoluble if the substance only partially dissolves or does not dissolve at all. For irate solvent Depending on the characteristics of the chemical being evaluated, the test can be carried out with a variety of solvents. Water, ethanol, acetone, and other organic

solvents are typical solubility test solvents. You can also experiment with the solvent's temperature and pH to see how they affect solubility.

The outcomes of a solubility test can provide crucial details about a substance's physical and chemical characteristics, including its purity and prospective applications. The test can help in the creation of pharmaceuticals and other chemical products by directing the choice of the best solvents for a certain material. While testing the solubility of the tablet, we tested both layers separately by dissolving it into a beaker of water at ambient conditions. As shown in the graph we observed that the Form I & Form II Layers were kept in the beaker simultaneously. By this we observed that at a particular time how much percent quantity of the tablet gets dissolved.

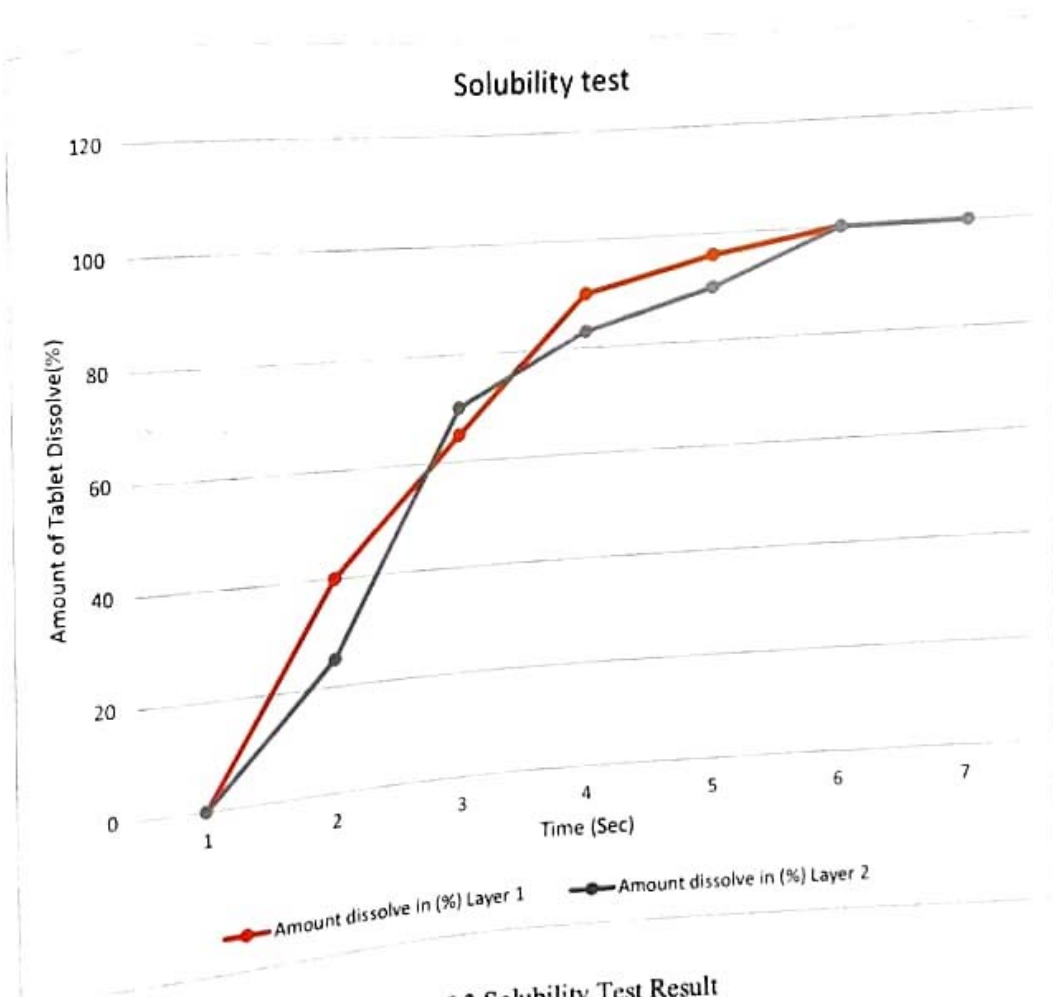


Fig. 5.3 Solubility Test Result

-Experimentation

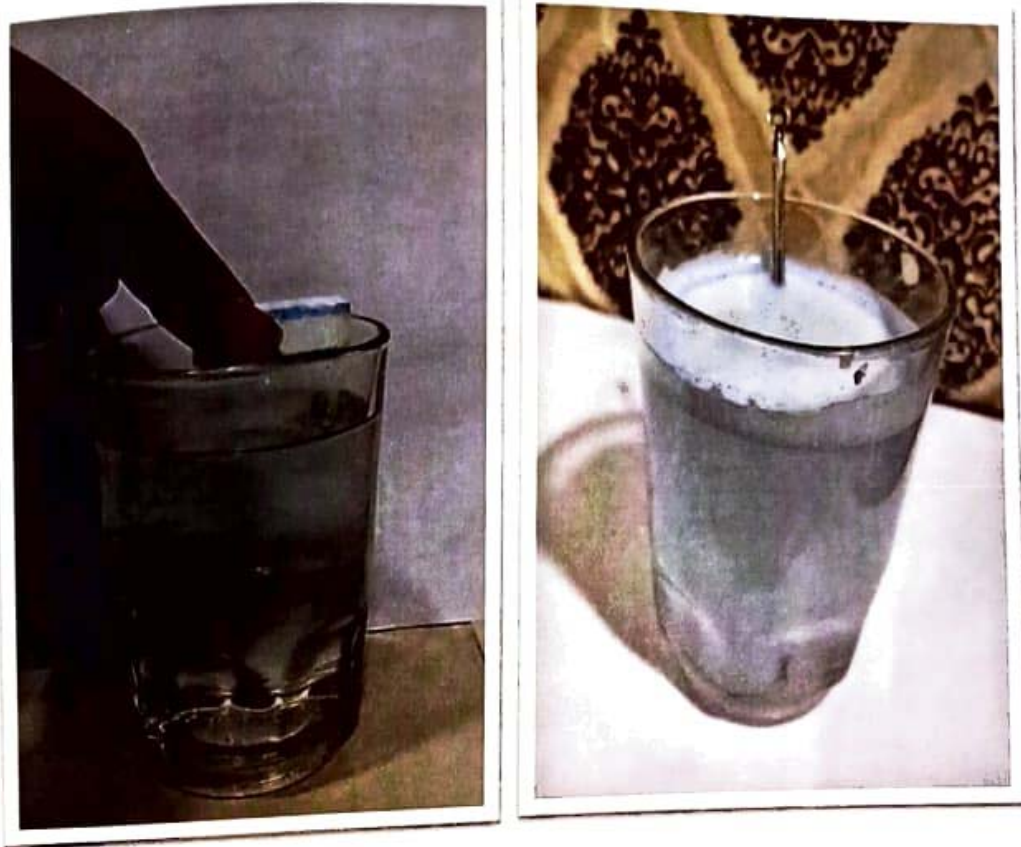


Fig. 5.4 Testing Setup

CHAPTER 7

CONCLUSION

7.1 The salient outcomes from results and discussion are:

1. In conclusion, there is a lot of room for improvement in the productivity and efficiency of the processes used to make detergent tablets, especially with the design and modification of a dual layer machine. The upgraded machine can make high-quality detergent tablets with higher accuracy and consistency by combining cutting-edge technologies including a dual-layer tablet forming mechanism.
2. Combination detergents can boost the cleaning power of the tablets and enhance the machine's overall performance when used in the production process. To make sure that the customised machine achieves the specified performance objectives, careful evaluation of project parameters like machine dimensions, power requirements, and material selection will be important.
3. Detergent makers might gain a lot from the design and modification of a dual layer detergent tablet production machine, including increased productivity, efficiency, and product quality.

7.2 Applications:

TABLET USE: Some detergent tablets are designed for use in dishwashers. They are placed in the detergent compartment and dissolve during the wash cycle to clean your dishes.



Fig. 7.1 Example of Tablet use for dishwasher

There are several advantages to using detergent tablets in a dishwasher:

- Convenience: It's simple to use and pre-measured detergent tablets. It's not need to bother about accurately measuring the detergent, which may be messy and time-consuming.
- Effectiveness: Detergent tablets are made with special formulations that allow them to break down and release their cleaning chemicals at the appropriate points during the wash cycle. This makes sure that all the residue is removed from your dishes and that they are fully cleansed.
- Dishwasher detergent tablets can be more economical in the long term even though they first appear to be more expensive than other types of dishwasher detergent. You are less likely to use too much detergent because they are pre-measured, which can result in product waste and increased expenditures.
- Reduced packaging waste: Compared to other forms of dishwasher detergent, such as liquid or powder detergent, detergent tablets often come in a tiny, compact package.

Overall, utilising dishwasher detergent tablets can help you save time, money, and effort while producing excellent cleaning results.

7.3 FUTURE SCOPE:

A dual layer detergent tablet manufacturing machine's design and modification provide a great opportunity for future growth and development. Future research and development could focus on a variety of areas, including:

- Integration of advanced control systems: The performance and efficiency of the machine can be increased by integrating sophisticated control systems like artificial intelligence and machine learning algorithms.
- Utilisation of sustainable resources: Using sustainable resources during the manufacturing process can make the machine more environmentally friendly and lessen the impact of detergent manufacture on the environment.
- The development of new and improved tablet formulas can increase the cleaning efficiency and all-around effectiveness of the detergent tablets.
- Increased production capacity: Increasing the machine's production capacity can help detergent producers create more detergent tablets, which will boost their market share and profits.



VIDYAVARDHINI'S COLLEGE OF
ENGINEERING & TECHNOLOGY

VASAI ROAD, PIN-401202

DEPARTMENT OF MECHANICAL
ENGINEERING

CERTIFICATE

This is to certify that project entitled has been carried out by

Amandeep Jaiswar

Ankur Saha

Rahul Soni

*Students of final year B.E. (Mechanical Engineering)
Under our supervision & guidance, submitted in partial
fulfillment of the requirement for the award of*

BACHELOR OF ENGINEERING

In Mechanical Engineering of the University of Mumbai

During Academic Year 2022-23

Vinay D. Patel
Prof. Vinay D. Patel

Mr. Noorul Haque
Mr. Noorul Haque

Dr. U.F. Aswalekar
Dr. U.F. Aswalekar

Dr. H.V. Vankudre
Dr. H.V. Vankudre

(Synergy Waterpark Rides Pvt Ltd)
(Synergy Waterpark Rides Pvt Ltd)

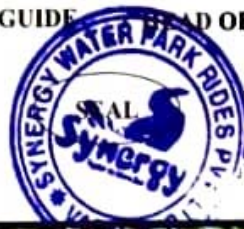
Vinay D. Patel
PROJECT GUIDE

Ankur Saha
PROJECT CO-GUIDE

Dr. U.F. Aswalekar
HEAD OF DEPARTMENT

Dr. H.V. Vankudre
PRINCIPAL

Vinay D. Patel
INTERNAL EXAMINER



Dr. U.F. Aswalekar
EXTERNAL EXAMINER

Date: 24th Jan, 2023

To,

The principal

Vidyavardhini's College of Engineering and Technology,

Vasai (w), Maharashtra - 401202.

Subject: Sponsorship letter to students for industry project ✓

Respected sir,

As a part of imitative towards industry institute interaction, we hereby sponsor the following bonafide students of Department of Mechanical Engineering, Vidyavardhini's College of Engineering and Technology, Vasai for undergoing on live project problem named "**Design and Fabrication of Dust Collection System**" as their final year project during academic year 2022-23. The objective of this project is to Design a vacuum collector for collecting dust generated while grinding and cutting operation. The sponsorship will be in terms of providing in industry support for input data required, manufacturing of system, experimenting for performance evaluation followed by training to industry staff for operating the machine.

List of students:

Amandeep Jaiswar

Ankur Saha

Rahul Soni

The students will able to apply their fundamental knowledge of mechanical engineering under guidance of Mr. Noorul Haque along with Prof. Vinay Patel, VCET, Vasai.

Thank you,

Yours faithfully,

SEAL OF INDUSTRY






Acknowledgement

We are highly indebted to our guide **Prof. Vinay D. Patel** for giving us an opportunity to work under his guidance. Like a true mentor, he motivated and inspired us through the entire duration of our work. We express our gratitude towards our Head of department **Dr.Uday V. Aswalekar** for his support throughout the project work.

We are also grateful to the Mechanical department for assisting us and guiding us throughout the project. We also extend our thanks to the supportive staff of Mechanical department for providing us all the necessary facilities to accomplish this project. Last but not the least, we express our profound gratitude to the almighty and our parents for them blessings and support without which this task could have never been accomplished.

DECLARATION

We declare that this written submission represents our ideas in our own words and where others ideas or words have been included. We have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whose proper permission has not been taken when needed.

NAME OF THE STUDENTS	ROLL NO	SIGNATURE
AMANDEEP JAISWAR	17	
ANKUR SAHA	33	
RAHUL SONI	42	

PLACE: VASAI

DATE: 26/04/2023

APPROVAL SHEET



This project report entitled “**Design and Fabrication of Dust Collection System**”

By

NAME OF THE STUDENTS	ROLL NO
AMANDEEP JAISWAR	17
ANKUR SAHA	33
RAHUL SONI	42

Is approved for degree of Bachelor of Engineering

Examiners

1.  of B.Tech
2. 

ABSTRACT

Dust collection systems have become an essential component of manufacturing facilities. Dust generated during grinding, cutting, and sanding operations can be a major health hazard for workers. The design and development of dust collection system consists of three main components: an attachment for the grinder, a cyclone separator, and a blower. The attachment for the grinder is designed to collect dust at the point of generation. The cyclone separator is used to separate the dust particles from the air stream, and the blower is used to move the air through the system.

The attachment for the grinder is a simple hood that is placed over the grinding wheel. It is designed to keep the dust within the area of attachment during the grinding process. The attachment is connected to the cyclone separator via a hose pipe. The cyclone separator is a device that uses centrifugal force to separate the dust particles from the air stream. The cyclone separator has a conical shape, and the air stream is forced to rotate around the walls of the cyclone. As the air stream rotates, the heavier dust particles are thrown to the outer wall of the cyclone and fall to the bottom of the separator. The clean air is discharged through the top of the cyclone. The blower is used to create a negative pressure in the system, which helps to draw the dust-laden air through the attachment and the cyclone separator. The blower is connected to the cyclone separator, and it moves the air through the system and discharges it into the atmosphere.

The proposed dust collection system is highly efficient and effective in removing dust particles from the air. The use of a cyclone separator ensures that even the finest dust particles are separated from the air stream, and the blower ensures that the clean air is discharged safely into the atmosphere. The development of an efficient and effective dust collection system is crucial in ensuring the safety and health of workers in manufacturing facilities.

CHAPTER 5

RESULTS

5.1 OBSERVATION TABLE

The experiment aimed to evaluate the performance of the dust collection system in capturing hazardous dust generated during cutting and grinding operations for three different materials - brick, wood, and FRP. Two different configurations were tested: with mounting blower and without mounting blower on the cyclone separator, and the experiment was conducted using a hose pipe with a length of 1 m, 1.5 m, and 2 m long.

The experiment demonstrates the importance of evaluating the performance of dust collection systems under different conditions and using different materials to ensure effective dust capture and control in workplaces. The experiment was conducted to check the difference in the cfm and the time it takes to pull the dust for both mounting and without mounting the blower on the cyclone separator.

5.1.1 Observation table 1

The length of the hose pipe used for this experiment is 2m long.

Table no. 5.1 (a), (b), (c) Variation in CFM and Time with 2m long hose pipe

Table no. 5.1 (a) for Brick

Material: Brick	CFM	Time (sec)
With Mounting	10.628	32
Without Mounting	8.5	36

Table no. 5.1 (b) for Wood

Material: Wood	CFM	Time (sec)
With Mounting	10.628	29
Without Mounting	8.5	34

Table no. 5.1 (c) for FRP

Material: FRP	CFM	Time (sec)
With Mounting	10.628	27
Without Mounting	8.5	29

Time taken to pull dust with 2m length of hose pipe

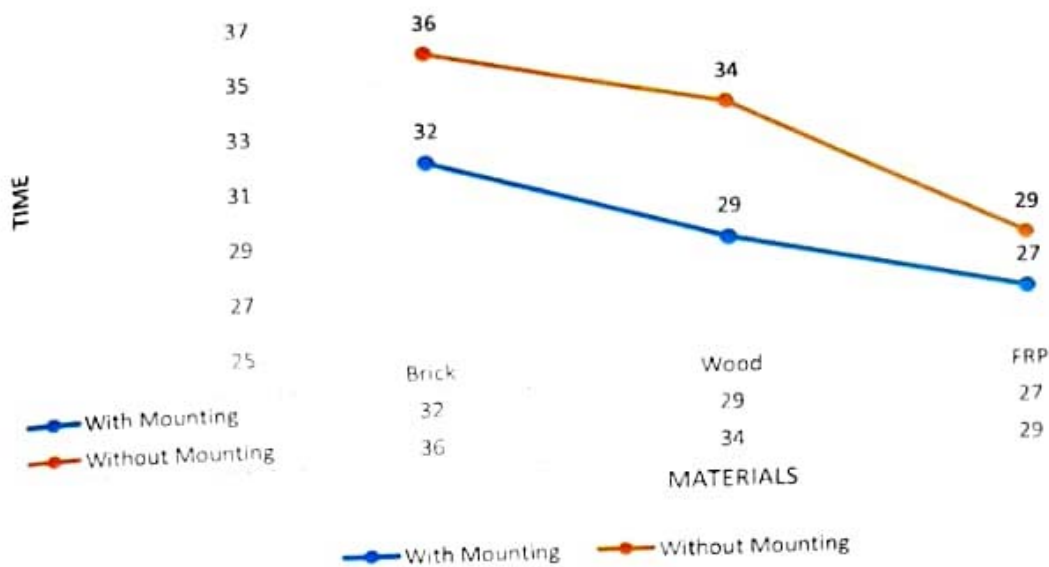


Fig no. 5.1 Time taken to pull dust with 2m length of hose pipe

In all three materials (brick, wood, and FRP), the CFM (cubic feet per minute) is higher when the blower is mounted on cyclone separator as compared to when it is not mounted.

For the brick material, the CFM is 10.628 with mounting and 8.5 without mounting, while the time it takes to pull the dust is 32 seconds with mounting and 36 seconds without mounting.

Similarly, for wood, the CFM is 10.268 with mounting and 8.5 without mounting, while the time it takes to pull the dust is 29 seconds with mounting and 34 seconds without mounting.

For FRP, the CFM is 10.628 with mounting and 8.5 without mounting, while the time it takes to pull the dust is 27 seconds with mounting and 29 seconds without mounting.

When the blower is mounted on the cyclone the CFM is improved and reduces the time it takes to pull the dust through the system.

5.1.2 Observation table 2

The length of the hose pipe used for this experiment is 1.5m long.

Table no. 5.2 (a), (b), (c) Variation in CFM and Time with 1.5m long hose pipe

Table no. 5.2 (a) for Bricks

Material: Brick	CFM	Time (sec)
With Mounting	12	28
Without Mounting	10.17	34

Table no. 5.2 (b) Variation in CFM and Time at different configurations for Wood

Material: Wood	CFM	Time (sec)
With Mounting	12	24
Without Mounting	10.17	29

Table no. 5.2 (c) Variation in CFM and Time at different configurations for FRP

Material: FRP	CFM	Time (sec)
With Mounting	12	22
Without Mounting	10.17	25

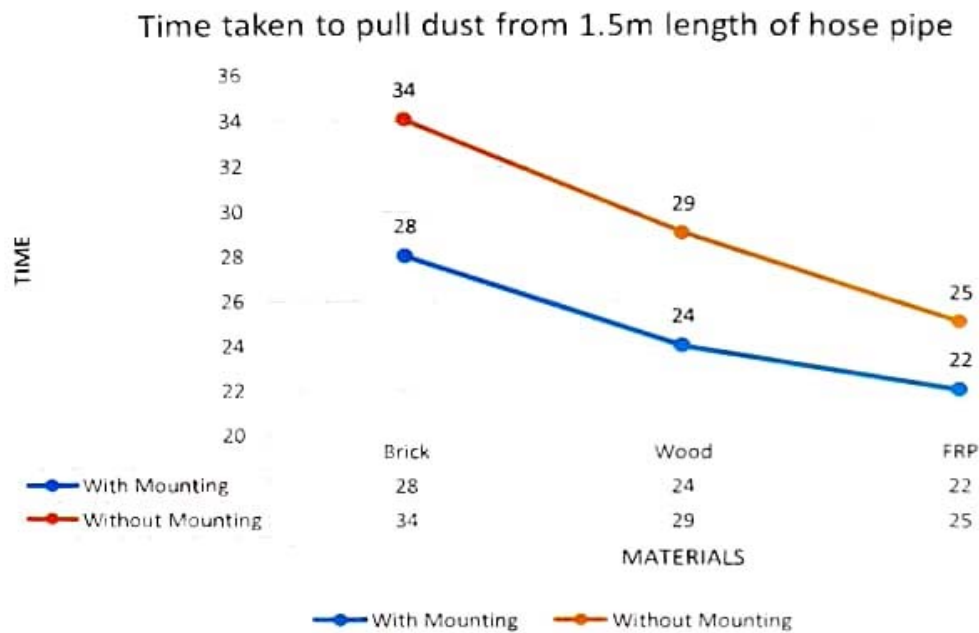


Fig. no. 5.2 Time taken to pull dust with 1.5m length of hose pipe

For the brick material, the CFM is 12 with mounting and 10.17 without mounting, while the time it takes to pull the dust is 28 seconds with mounting and 34 seconds without mounting.

Similarly, for wood, the CFM is 12 with mounting and 10.17 without mounting, while the time it takes to pull the dust is 24 seconds with mounting and 29 seconds without mounting.

For FRP, the CFM is 12 with mounting and 10.17 without mounting, while the time it takes to pull the dust is 22 seconds with mounting and 25 seconds without mounting.

Hence, we can conclude that the dust shroud mounted on the grinder improves the CFM and reduces the time it takes to pull the dust.

5.1.3 Observation table 3

The length of the hose pipe used for this experiment is 1m long.

Table no. 5.3 (a), (b), (c) Variation in CFM and Time with 1m long hose pipe

Table no. 5.3 (a) for Brick

Material: Brick	CFM	Time (sec)
With Mounting	13.3	25
Without Mounting	11.8	28

Table no. 5.3 (b) for Wood

Material: Wood	CFM	Time
With Mounting	13.3	16
Without Mounting	11.8	22

Table no. 5.3 (c) for FRP

Material: FRP	CFM	Time
With Mounting	13.3	14
Without Mounting	11.8	18

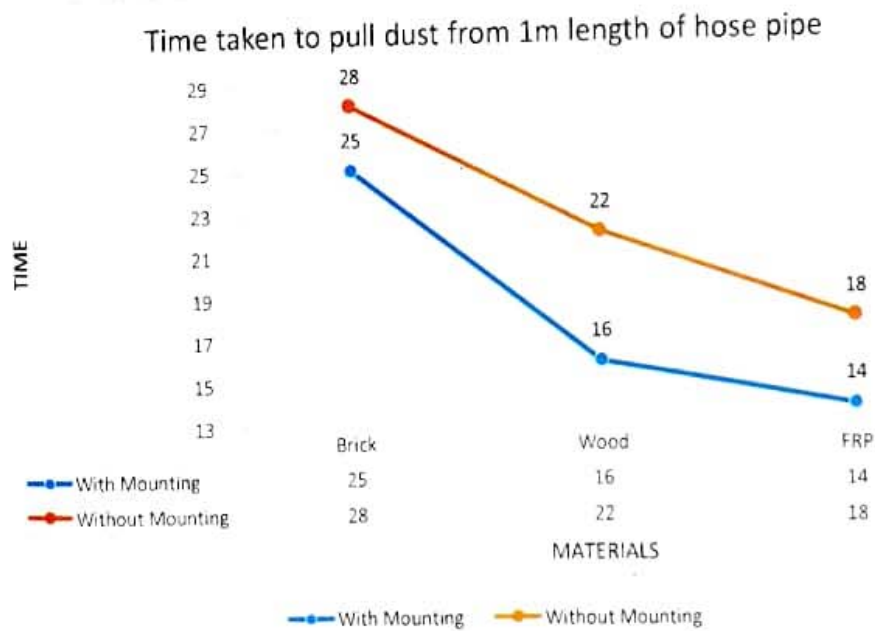


Fig. no. 5.3 Time taken to pull dust with 1m length of hose pipe

CHAPTER 7

CONCLUSION

- The dust collection system that was tested was found to be efficient in pulling up the dust without exposing the worker to harmful particles.
- Mounting the blower directly onto the cyclone separator was found to increase the dust collection efficiency.
- Based on the experimental data, it appears that mounting a blower on cyclone with a length of hose pipe of 2m, 1.5m, and 1m on different materials (brick, wood, and FRP) results in higher CFM (cubic feet per minute) and shorter time to pull the dust compared to not using a mounting.
- Specifically, when using a mounting, the CFM increased by 25-57% and the time to pull the dust decreased by 15-27% compared to not using a mounting. The results were consistent across all three materials.
- The system was able to generate the necessary suction pressure to effectively collect dust. The observations suggest that the tested dust collection system is a reliable and safe solution for dust collection in similar settings.

VIDYAVARDHINI'S COLLEGE OF ENGG & TECH VASAI ROAD (W)

Department of Mechanical Engg

Mini Projects Groups (A & B- Div) AY - 2022-23 sem 3 & 4

Group No	Roll No	Name of the student	Guide Alloted	Title of the project
SE-01	27	Sahil Pednekar	Prof. Uday Aswalekar 9822684138	3D printing of rear differential
	30	Arya Redij		
	33	Raja Shah		
	35	Vansh Shah		
SE-02	11	Aditya Jadhav	Dr. Ashish Chaudhari 8830385807	Design and manufacturing of banana fiber foil for food application
	25	Paresh Patil		
	26	Rohan Patil		
		Prince Patil		
SE-03	21	Satyasheel Patade	Mr. Dipak J Choudhari 9960453845	Design, Analysis of carbon fiber monocoque chasis
	10	Maitreya Hole		
	14	Anurag Lohakane		
	36	Ujjwal Upadhyay		
SE-04	7	Ayaan Diwan	Mr. Vinay Patel 8422946463	Phase change material and application
	8	Abhishek Gharat		
	20	Vighnesh Parab		
	23	Mayur Patil		
SE-05	3	Neel Bari	Ms. Madhumita Dutta 9226838320	Smart foldable blind stick
	4	Meghana Chavan		
	12	Anirudha Jadhav		
	18	Utkarsh Mishra		
SE-06	5	Aftab Dafedar	Mr. Swapnnil Mane 9860170151	Enhancing the utilization of coal in tthermal power plant
	9	Ambikalal gupta		
	32	Ojas Sawant		
		Pooja gupta		
SE-07	15	harsh madheshiya	Mr. Sanjay Lohar 9594906115	Design and development of IV fluid control system
	19	anuj janu pagi		
	28	aditya prajapati		
	31	sagar kumar		
SE-08	6	Dewang Nimbare	Miss. Priti Vairagi 7498687159	Fire fighting robot
	22	Himanshu Patil		
	29	Prabodh Raut		
SE-09	1	Shagun Ambavale	Mr. Vishwas Palve 9870300102	Electricity generation using smart shoes
	2	Shwetank Bandgar		
	13	Om Kamat		
	24	Neha Patil		
SE-10	16	Kailash maharana	Mr. Tushar Raut 9860407958	Design and development of heater/oven used in 3D printing
	17	Bhushan Mandave		
	34	Smeet Shah		
B-01	51	Devansh Samir Pusalkar	Prof. Uday Aswalekar 9822684138	Research and understanding about solar vehicle quad bike runned by electric motor
	40	Reuben Wilson Noronha		
	62	Heramb Shinde		
	11	Gaurav Prakash Tandel		
B-02	68	Aditya Nitin Thakore	Dr. Ashish Chaudhari 8830385807	Prashadam vending machine
	64	Soham Deepak Kelkar		
	16	Sahil Omprakash Gupta		
	53	Redekar Omkar Anandkumar		

	67	Raj Ravindra Tambe		
B-03	46	Harsh Prabhakar Patil	Mr. Dipak J Choudhari 9960453845	Design of Electromagnetic breaking system
	54	Sushil Shreemanth Sagar		
	61	Ganesh Govind Sherikar		
B-04	9	Aniket Gajanan Foka	Mr. Vinay Patel 8422946463	Energy harvesting by Piezoelectric tires
	39	Shritej Girish Nirgun		
	58	Niketan Prabuddh sawdekar		
	74	BANSAL SIMARIA		
B-05	13	Yash Rajendra Gopale	Ms. Madhumita Dutta 9226838320	Parkinson gear testing using sensor
	19	Atharv Vikas Jadhav		
	60	Aditya Rajesh Sharma		
	66	Tanmay Sudhir Sudrik		
B-06	50	Harsh Prajapati	Mr. Swapnnil Mane 9860170151	Design and analysis of Solar induction stove
	33	Yuktesh Meher		
	45	Hardik Patil		
	25	Sajid Khan		
B-07	1	Ved Mahesh Bhatkar	Mr. Sanjay Lohar 9594906115	Design anf fabrication of IOT based biofloc tank for fishing
	8	Myron Moses Dmello		
	12	Leon Lipson Gonsalves		
	32	Rahul Vikas Marwade		
B-08	44	PARAB SHUBHAM NITN	Miss. Priti Vairagi 7498687159	Design and Analysis of leaf spring
	52	RAIBOLE ATHARVA PRADEE		
	30	MANDAVKAR ARYAN BALKR		
	34	METHA KEVAL RAJESH		
B-09	2	Dipesh Shantaram Bhoir	Mr. Vishwas Palve 9870300102	Performance evaluation of Solar induction stove
	14	Rohit Ramesh Gorivale		
	15	Omkar Nivrutti Gorule		
	17	Omkar Avinash Hatkar		
B-10	59	Shaikh Aashir Wajid Hussain	Mr. Tushar Raut 9860407958	Design and development of heater/oven used in 3D printing
	41	Obed Napolian Fernandes		
	48	Jayesh Sharad Patil		
	33	Smith Charles Miranda		
B-11	63	Singh Priansu Kumar Anand k	Mr. Mukund Kavekar 9890145896	A predictive maintenance of an electric motor using machine learning
	43	Akshay Pandya		
	23	Vignesh Kadriavel		
	38	Ritesh Mourya		
B-12	20	Rushabh Ravindra Jadhav	Mr. Kamlesh Bachkar 9890852702	Automatic sorting and packing of Welding Rods
	24	Govind Suhas Kasralikar		
	55	Salgaonkar Ayush Prakash		
	56	Sawant Aditya Sudesh		
B-13	18	Priyanshu Pradeep Holkar	Mr. Raahul Krishna 7350734092	Drainage Choke up Cleaning Machine
	49	Omkar Prashant Patil		
	57	Ashish Shashikant Sawant		
	47	Ishan Avinash Patil		
B-14	21	Sairaj Anant Jakal	Mr. Rishabh Melwanki 9082264361	Water overflow alert on android using wifi
	71	J Prasath		
	72	Siddhesh chakor		
	37	MISHRA YASHRAJ ANIL		
B-15	27	Pruthvesh Kokera	Dr. Umeshchandra Mane 8149608498	Fabrication of voice sensing vehicle
	69	Yogesh Zepale		
	6	Nandan Dalvi		
	70	KINI NAIHRUTYA D		

B-16	5	CHURI YUTA PRASHANT	Mr. Ganesh Wahile 9975333041	Design and development of ortex turbine with wind duct
	28	LOKHANDE OM MAHESH		
	29	MAHADIK YADHNIK NILESH		
	31	MANKAR YASH NAROTTAM		
B-17	4	CHAUDHARI TEJAS NAMDE	Mr. Gaurav Bhawde 8698818998	Design of semi automatic floor cleaner
	26	KHARE PRANAV SHRINIVAS		
	36	MISHRA SURAJ JAYPRAKAS		
	73	SONAVANE ROHAN		
B-18	3	BIRANGAL OMKAR RAVINDI	Mr. Kamlesh Bachkar 9890852702	Automatic Pneumatic paper cup making machine
	7	DALVI PRATHAMESH SITAR		
	42	PANCHAL JAY ATULBHAI		
	65	SONGARA DEV RAJESHKUN		
B-19	10	GAIKWAD AMAR NAVNEET	Mr. Raahul Krishna 7350734092	Solar Panel cleaning system
	22	JOSHI MANSI MILIND		
	75	ZULFEKAR SIDDIQUE		

Asou

HEAD
 Dept. of Mechanical Engg.,
 Vidyavardhini's College of
 Engineering & Technology
 Vasai Road 401 202.

Vidyavardhini's College of Engineering and Technology				
Department of Mechanical Engineering				
TE (Sem.VI), Div-A Mech.Engg. Sub: Mini Project List , Academic Year (2022-23)				
Group No	TE (Sem.V) New Project Group	Mini Project Guide	Title of Mini Project (Sem.V)	Title of Mini Project (Sem,VI)
A1	Rishabh Maurya	Dr. Ashish Chaudhari 8830385807	Performance evaluation using renewable fuels and laser ignited engine	Performance evaluation using renewable fuels and laser ignited engine
	Kiran Mate			
	Harsh Dhembare			
	Suyash Dalvi			
A2	Sahil P Patil	Mr. Dipak J Choudhari 9960453845	Design and development of timing pulley for tube loader	Design and development of timing pulley for tube loader
	Preet Mhatre			
	Dhruv Kadam			
	Atharva Vartak			
A3	Amit gupta	Mr. Vinay Patel 8422946463	Design and study the performance analysis of Vertical Axis Wind Turbine	Design and study the performance analysis of Vertical Axis Wind Turbine
	Sachin pal			
	Nilesh pal			
	bikash ghadei			
A4	Dhanal Chaudhari	Ms. Madhumita Dutta 9226838320	Study of predictive machine failure of lathe and milling machine using ML	Study of predictive machine failure of lathe and milling machine using ML
	Krutarth Deshpande			
	Aashish Bhingale			
	Sahil Chavan			
A5	Prashant Dubey	Mr. Swapnil Mane 9860170151	Design & Implementation Of Drivetrain In Solar Electric Car	Design & Implementation Of Drivetrain In Solar Electric Car
	Tisha Paul			
	Pratham Kirit			
	Rohit N Choudhary			
A6	Samarth Kole	Mr. Sanjay Lohar 9594906115	Design and development of Hybrid Bicycle	Design and development of hybrid bicycle
	Nabil Khan			
	Omkar Dhuri			
	Aniket Sagavekar			
A7	Ronak Patel	Mr. Vishwas Palve 9870300102	Design and Development of Monocoque chassis	Design and Development of Monocoque chassis
	Manohar Devadiga			
	Nikunj Kalsariya			
	Vishal Dhinde			
A8	Sameer Halde	Mr. Tushar Raut 9860407958	Springless Car Suspension using Bevel Gears	Springless Car Suspension using Bevel Gears
	Harshit Patil			
	Soham Karvir			
	Dhruvit Chaudhari			
A9	Shivam Singh	Miss. Priti Vairagi 7498687159	Improvement and Design of Belt Drive System	Improvement and Design of Belt Drive System
	Atharva Vaidya			
	Krish Vaity			
	Suraj Yadav			
	Utkarsh Jondhalkar	Mr Kamlesh	Failure detection and	Failure detection and

A10	Omkar Malusare	Bachkar 9890852702	predictive maintenance of shaft using Machine Learning	predictive maintenance of shaft using Machine Learning
	Umesh Mourya			
	Suraj Patel			
A11	Dipesh Bhatt	Mr. Mukund Kavekar 9890145896	Predictive Maintenance & Failure Detection using ML for optimum resource	Predictive Maintenance & Failure Detection using ML for optimum resource
	Niharika Das			
	Zeeshan Shaikh			
A12	Aniket Barkade	Mr. Raahul Krishna 7350734092	Research and Development in Agricultural Drones	Research and Development in Agricultural Drones
	Rakesh chavan			
	Nishad vyas			
	Nilesh Birje			
A13	Ashish Pawar	Mr. Rishabh Melwanki 9029353539	CFD analysis of hypersonic glide vehicle	CFD analysis of hypersonic glide vehicle
	Niranjan Kadam			
	Pranit Ghanekar			
	Raj Kajare			
A14	Vruttik Bhoir	Mr. Ganesh Wahile 9975333041	Application of electromagnetic suspension and shaft drive in e-bicycle	Application of electromagnetic suspension and shaft drive in e-bicycle
	Omkar Bhoir			
	Mitali Salve			
	Naman Annadate			
A15	Rayan Pereira	Mr. Vinay Patel 8422946463	Design & simulation of Aeroleaf	Design and simulation of Aeroleaf
	Suyog Naik			
	Pratham N M			
	Pritam guchhait			
A16	Amit Bansod	Dr. Umeshchandra Mane 8149608498	Design Automation for Ball Bearing	Design Automation for Ball Bearing
	Vikas Gupta			
	Yash Patil			
	Vivek kumar Gaud			
A17	Anuj Shailen Patil	Mr. Raahul Krishna 7350734092	Silent Air Purifier And Humidifier	Silent Air Purifier And Humidifier
	Parth Salvi			
	Nirman Gangan			
	Harshit Raul			
A18	Sahil Swapnil Patil	Mr. Rishabh Melwanki 9029353539	CFD analysis of Heat Pipes	CFD analysis of Heat Pipes
	Soham Murudkar			
	Chandrashekhar			
	Sachin Rai			
A19	Rai AnantKumar	Mr. Dipak J Choudhari 9960453845	Aerodynamic Wind Turbine	Aerodynamic Wind Turbine
	Sujay Rane			
	Swapnil Paste			
	Viraj Thakur			
	Yash Omprakash			

Asouf

HEAD
 Dept. of Mechanical Engg.,
 Vidyavardhini's College of
 Engineering & Technology
 Vasai Road 401 202.

Vidyavardhini's College of Engineering and Technology				
Department of Mechanical Engineering				
TE (Sem. V & VI), Div-B Mech.Engg. Sub: Mini Project List , Academic Year (2022-23)				
Group No	TE (Sem.V) New Project Group	Mini Project Guide	Title of Mini Project (Sem.V)	Title of Mini Project (Sem.VI)
B20	Vinayak Suryanath Mishra	Dr. Uday Aswalekar 9822684138	Hybrid jet engine	hybrid electric jet engine
	Shivam Hitendra Gawade			
	Advait Sanjay Tembvalkar			
	Ved Prashant Patil			
B21	Shantanu Hemant Vartak	Dr. Ashish Chaudhari 8830385807	Dye Sensitized Solar Cell	Dye Sensitized Solar Cell
	Krutarth Ramesh Patil			
	Yasin Javed Saudagar			
	Shreeyash Paresh Dadhekar			
B22	Saakshi Rajendra Nile	Mr. Vinay Patel 8422946463	Phase Changing Material For Cold Storage Application	Phase Changing Material For Cold Storage Application
	Patil Vedant Prakash			
	Manasi Bhanudas Mhaskar			
	Duduskar Yash Sunil			
B23	Aditya Santosh Sakpal	Ms. Madhumita Dutta 9226838320	Solar operated induction heater	Industry based solar food warming system
	Prithviraj Tanaji Dhuri			
	Jay Vasant Bagwe			
	Rucha Santosh Bagade			
B24	Shrekeekesh Shenoy	Mr. Swapnil Mane 9860170151	Solar Dryer	Solar Dryer
	Dhrutika Narendra Bhoir			
	Anuj Gajanan Dhuri			
	Shaquib Arshad Siddiqui			
B25	Rohan rajendra Jadhav	Mr. Sanjay Lohar 9594906115	Axial Flux Motor	Design and simulation of AXIAL FLUX BLDC MOTOR
	Pranav mukund Shinde			
	Harsh Ashok Yadav			
	Atharva Hemant Sankhe			
B26	Tanmay Dinesh Patankar	Mr. Vishwas Palve 9870300102	Temperature Sens	Inpipe Temperature Sensor
	Dhiraj Sunil Bhombe			
	Viraj Vijay Tejam			
	Anish Bhupesh Rathod			
B27	Tanmay Ajitkumar Mohite	Mr. Tushar Raut 9860407958	& Analysis of Disc	Design & Analysis of Disc Brake
	Atul prabhakar kharatmol			
	Aayush Hareshwar Pamale			
B28	Om Shrihari Ishtamwar	Miss. Priti Vairagi 7108627150	Performance evaluation of split/cassette Air	Performance evaluation of split/cassette Air
	Ankit Ramesh Yadav			
	Pranay Santosh Palav			

	Amey Sachin Deshpande	147000/137	conditioners	conditioners
B29	Nikhil Sunil Dhavale	Mr. Kamlesh Bachkar 9890852702	Automatic sheet bending machine	Automatic sheet bending machine
	Rohan Sanjay Salvi			
	Shivranjan Gajanan Sarak			
	Jayraj Suryakant Deogude			

Asouf

HEAD

Dept. of Mechanical Engg.,
Vidyavardhini's College of
Engineering & Technology
Vasai Road 401 202.

Vidyavardhini's College of Engineering and Technology

Department of Mechanical Engineering

BE Project List 2022-23

	Name of Students	Project Guide	Title of project
1	Manisha Kushwaha	Dr.Uday V.Aswalekar	Design, Analysis and Manufacturing of wheel assembly for solar electric vehicle
	HARIKRISHNA NARIYAN		
2	Riya Patil	Dr.Uday V.Aswalekar	Design, analysis and manufacturing of braking system for solar electric vehicle
	Isha Pise		
	Neha Rathod		
3	Varad Takke	Dr.Uday V.Aswalekar	FEA Modelling of Vertebral Bodies for Disc Replacement
	Ria S Mendes		
	Atharv Dixit		
	Suyash Nilesh Dandekar		
4	Anagha Francis	Dr.Uday V.Aswalekar	Design and modification of cavity plate for injection mould of N/P
	Sakshi Tilwankar		
5	Pushkar Mohan Ghaisas	Dr. Ashish J Chaudhari	Design and Development of Detergent tablet in double layer manufacturing machine
	Shrinivas kishor kini		
	Aakash Sunil chaugule		
	Apeksha maruti gawas		
6	Chintan Patel	Dr. Ashish J Chaudhari	Design and Development of System for enhancing the life of EDM machine coolant filters.
	Ashish Mudaliar		
	Devang Raut		
	Abhishek Tandel		
7	Hrutuja Jadhav	Dr. Ashish J Chaudhari	Design and Optimization of Quality Control by controlling mold scab rejection
	Pulkit Sunil Singh		
8	Vaibhav Gurudatt Davale	Dr. Ashish J Chaudhari	Design and Development of Milk Dispensing Machine
	Abhishek Purnashankar		
	Vivek Ashwin Kansara		
9	Shubham Irakar	Mr. Dipak J Chaudhari	Design and fabrication of hand exoskeleton for Rehabilitation of paralysis patient
	Udesh Kushte		
	Suyash Hoskote		
10	Yash Ramesh Pokale	Mr. Dipak J Chaudhari	Design and Fabrication of electric Unicycle.
	Sumedh Jagdish Mulimani		
	Shreyas Narshim Pai		
	Omkar Ganpat Sawant		
	Tathansh Joshi		Performance and Emission

11	Ayush Panchal	Mr. Dipak J Chaudhari	Performance and Emission Evaluation of Rubber seed and PME oils as a biodiesel
	Aditya Patane		
	Aryan Sawant		
12	VIDHIT	Mr Vinay D. Patel	Phase Change Material Incorporated Cold Storage for Food Applications
	RAJENDRA GAJANAN		
	GLIAR		
	CHINMAY		
	NANDAKUMAR		
13	YASH SANTOSH	Mr. Vinay D. Patel	Experimentation on Shell and Tube Heat Exchanger with PCM
	SAREAPE		
	Prathamesh Sunil More		
	Aayush Sunil Kamble		
14	ARYA DINESH MAHTRE	Mr. Vinay D. Patel	Design and development of automatic machine for Grinding dust collection in water slide industry
	Akansa suryakant rane		
	amandeep jaiswar		
	Mahesh Vijay Pachpande		
15	Aniket Mishra	Ms. Madhumita R. Dutta	Design and analysis of drone for reforestration using seed dispersion mechanism
	Vishwas Kumar Ashok		
	Shaikh Mohammed Rehan		
	Hrishikesh Waghmare		
16	Vishal Shetty	Ms. Madhumita R. Dutta	Design and Manufacture of Smart glove for visually impaired
	Bhavik patil		
	Gurjinder Dhiman		
	Seema Yadav		
17	Suraj Chauhan	Ms. Madhumita Dutta	Design Manufacture and Analysis of Underwater communication system with object detection
	Prathamesh Gajanan More		
	Rushikesh Gosavi		
	Amol Babasaheb Darade		
18	Chetan K Parave	Mr. Swapnil R. Mane	Industrial Energy Audit and Carbon Footprinting
	Krimesh P Patel		
	Sagar Bhoite		
	Shubham S Gaikwad		
19	prashant sahu	Mr.Swapnil R. Mane	Energy Performance Analysis of Processes in Steel Industry
	Rohit Adhikari		
	Vedant Yamgar		
	amit pandit		
20	Dhiraj Yadav	Mr. Sanjay R. Lohar	A prototype of smart monitoring of water distribution system for Mahanagarpalika
	Swapnil Satam		
	Pradnil Birje		
	Ravikiran T		
21	Raj Ketankumar Sanghrajka	Mr. Sanjay R. Lohar	Application of Agumented Reality for Engineering Graphics
	Aditya Avinash Hendre		

	Sundar Chaudhary		
22	Syed Sirajuddin Mohieddin C	Mr. Vishwas Palve	Design and Development of Solar tracking system for Fresnel lens using AI
	Deval Trivedi		
	Rohit Bhoir		
	Aditi Rathod		
23	Bhushan Goriwale	Mr. Vishwas Palve	Design and Fabrication of Organic Waste Shredding and Briquetting Machine
	Yash Kadam		
	Tejas Puchadiya		
	Mukul Rai		
24	Vaidik Bari	Mr. Mukund Kavekar	Design and Development of Automatic System for HEPA Filter Replacement in Industry
	Dhrupal Patil		
	Mayur Deokar		
25	Sohail Shaikh	Mr. Mukund Kavekar	Design and Development of automated wheelchair for Paraplegic and Quadriplegic Patients.
	Vinaykumar yadav		
	Deepak Jha		
	Saikrishnan warriar		
26	Ayush Singh	Ms. Priti Vairagi	Automatic Sorting And Packaging Of Moulded Parts Through Conveyor
	Samadhan Salve		
	Deepesh Bhoir		
	Jitesh Bhagudia		
27	Rahul Gajanan Sonkusare	Ms. Priti Vairagi	Segration of plastic bottle using artificial Intelligence
	Alston Milton Dias		
	Karan omprakash Gupta		
	Akash Suresh kangane		
28	HARSHAL BAJIRAO JADH	Mr. Tushar Raut	Design, Analysis and Optimization of suspension system for team Centurian-Quad Bike
	SHIVAM RAJENDRA BHA		
	MRUDUL HARSHAD DAL		
	YAZDAN BOMAN IRANI		
29	Tejash Umesh Surti	Mr. Tushar Raut	Design and Optimization of Spray Painting Machine for Injection Mould Plastic Products.
	Jemit Pinal Shah		
	Viraj Pravin Gupta		
	Gautam Bansidher Darji		
30	Omkar Kadam	Mr. Kamlesh Bachkar	Performance Analysis of VCRs utilizing the condensate.
	Bhumit Sankhe		
	Sanghraj Kharat		
	Shree Vinod Shah		
31	KSHITIJ SINGH	Mr. Kamlesh Bachkar	Real time monitoring using digital twin and implying prescriptive maintenance using machine learning
	ANJANI GUPTA		
32	Sahil Umesh Mistry	Mr. Raahul Krishna	Desig and Analysis of Wind Tunnel
	Vignesh Lajjit Karkera		
	Om Mahesh Nerurkar		
	Pratik Pradeep Singh		
	Nimish Mestry		

33	Omkar Pitale	Mr. Raahul Krishna	Experimental Set up of Bearing Fault Diagnosis using MATLAB
	Yatnik Sawant		
	Suyash Patil		
34	Varun Mangaonkar	Dr. Umesh Mane	Design and Development of wireless hand motion articulated robot using AT-MEGA controller and flex sensor
	Pranay Rajendra Tambe		
	Bhushan Tanavade		
	Rutvik Tandalekar		
35	Hardik Bhise	Dr. Umesh Mane	Design and Development of voice based system for 3D modelling for mechanical components
	Shubham Ghone		
	Omkar Kaple		
	Akshay Matkar		
36	Rahul Bagade	Mr. Rishabh Melwanki	Design, manufacturing & experimentation of exhaust heat recovery using multi heat pipe heat exchanger
	Yash Shikhare		
	Kishan Vishwakarma		
	Saloni Tambe		
37	Anchit Tare	Mr. Rishabh Melwanki	DESIGNING, ANALYSING AND OPTIMISING BATTERY COOLING SYSTEM FOR EV'S USING GT-SUITE
	Shripad Thakur		
	Sarvesh Bhushan Vartak		
	Sagar Vaze		
38	Kaivalya Save	Mr. Ganesh Wahile	Design and Analysis of thermal management of PV module.
	Lance Dsouza		
	David Lobo		
	Shalom Lopes		
39	Shreyesh Bokade	Mr. Ganesh Wahile	To improve the performance of photovoltaic panel using Machine learning
	Nihar Dhadwe		
	Khan Tanvir		

Asouf

HEAD
 Dept. of Mechanical Engg.,
 Vidyavardhini's College of
 Engineering & Technology
 Vasai Road 401 202.



Internship Data 2022-23

Sr No	Academic Year	No of students
1	2022-23	44



Dr. Amtria Ruperee

(HoD, EXTC)

HEAD

Dept. of Electronics and
Telecommunication Engg.,
Vidyavardhini's College of
Engineering & Technology,
Vasai Road - 401 306



Vidyavardhini's College of Engineering & Technology
Department of Electronics and Telecommunication Engineering

Internship Data 2022-23

Sr No	Name of the Student	Company Name	Duration		Industry Linkage
			Start Date	End Date	
1	Harsh Raut	Industry 4.0 VCET, Vasai	26-06-2023	01-08-2023	Student Development
		VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
2	Shaikh Mahek Anis Tanzila	Industry 4.0 VCET, Vasai	26-06-2023	01-08-2023	Student Development
		VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
3	Ayush Kilpady	Industry 4.0 VCET, Vasai	26-06-2023	01-07-2023	Student Development
		VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
4	Bhavesh Brijendra Chaturvedi	IIC, VCET, Vasai	12-06-2023	23-06-2023	Android App
		E- Yantra VCET, Vasai	12-12-2022	23-12-2022	Robotics
5	Sahil Sudhir Gorivale	IIC, VCET, Vasai	12-06-2023	23-06-2023	Android App
		VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
6	Ayan Abdulkhaliq Qureshi	IIC, VCET, Vasai	12-06-2023	23-06-2023	Android App
7	Sankalp Dilip Chaudhari	IIC, VCET, Vasai	12-06-2023	23-06-2023	Android App
8	Shraddha Santosh Kobnak	IIC in association with Rigel Infotech, VCET, Vasai	12-06-2023	23-06-2023	Web Development
9	Khushi Benbanshi	IIC in association with Rigel Infotech, VCET, Vasai	12-06-2023	23-06-2023	Web Development
		VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
10	Lakitaa Rajeshwar Vangari	IIC in association with Rigel Infotech, VCET, Vasai	12-06-2023	23-06-2023	Web Development
11	Hemant Bhor	IIC, VCET, Vasai	12-06-2023	23-06-2023	Android App
12	Kaushal Prakash Wadekar	IIC, VCET, Vasai	12-06-2023	26-06-2023	Android App
		VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
13	Nikunj Yogesh Wadke	IIC, VCET, Vasai	12-06-2023	26-06-2023	Android App
		VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
14	Shreya Phondke	Great Learning (Online)	27-06-2023	10-07-2023	Java



Vidyavardhini's College of Engineering & Technology
Department of Electronics and Telecommunication Engineering

		Intershala Training(Online)	10-01-2023	05-05-2023	Embedded System Development
15	Sakshi More	Great Learning (Online)	29-05-2023	10-06-2023	Java
		VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
16	Riddhi Arun Garudkar	Codingwise (Online)	24-06-2023	01-07-2023	Front-End Dev Course.
17	Lahoti Prasanna Jagdish Shailaja	Scale Ai (Online)	22-06-2023	16-10-2023	Ai Developer
18	Soham Birwadkar	Coursera (Online)	20-06-2023	29-07-2023	Foundation Of Cyber Security, Google
		Internshala (Online)	30-01-2023	23-03-2023	Web Development
19	Preet Nimesh Thakur	Oasis Infobyte (Online)	15-06-2023	15-07-2023	Web Development
20	Pranali Kale	TCS Ion (Online)	14-06-2023	20-07-2023	Soft Skills
		VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
21	Harsh Solanki Shimpi	Linux world Informatics Pvt Ltd, Jaipur, Rajasthan	09-06-2023	25-07-2023	Cloud Computing
		VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
22	Atharva Vilas More	Ap Infosys Mira Road, Thane	01-06-2023	30-06-2023	Web Development
		VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
23	Devisha Jayraj Shetty	Ap Infosys Mira Road, Thane	01-06-2023	30-06-2023	Web Development
		E- Yantra VCET, Vasai	12-12-2022	23-12-2022	Robotics
24	Rohit Anandrao Kale	Ap Infosys Mira Road, Thane	01-06-2023	30-06-2023	Web Development
25	Hemantkumar Amarendra Jena	Logiq Embedded , Vasai East,	01-06-2023	30-06-2023	Embedded System
		E- Yantra VCET, Vasai	12-12-2022	23-12-2022	Robotics
26	Vinay Mahendra Gawai	Logiq Embedded , Vasai East.	01-06-2023	30-06-2023	Embedded System
		VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
27	Pradnyesh Kishor Patil	Oasis Infobyte (Online)	10-04-2023	15-05-2023	Web Development
28	Vijay Rajaram Patil	Oasis Infobyte(Online)	01-04-2023	30-04-2023	Web Development
29	Tuhin Gobinda Saha	Oasis Infobyte (Online)	02-01-2023	02-02-2023	Web Development
30	Singh Ashutosh Suryabhan	Internshala (Online)	24-12-2022	14-04-2023	Web Development
31	Mihir Gosavi	Learn10x	Dec-22	01-01-2023	Business Development



Vidyavardhini's College of Engineering & Technology
Department of Electronics and Telecommunication Engineering

		Bengaluru, Karnataka			
32	Dubey Abhay Vinay	E- Yantra VCET, Vasai	12-12-2022	23-12-2022	Robotics
33	Bavana P Bhaskaran	VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
34	Jain Mitali Manoj	VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
35	Khandelwal Likhitkumar Hastimal	VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
36	Kore Aryan Manoj	VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
37	Nair Navya Ramakrishnan	VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
38	Parab Varun Vishwas	VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
39	Patil Sneha Sandip	VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
40	Shelke Omkar Dinesh	VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
41	Titre Rhea Ramesh Kamal	VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
42	Sharma Dhruv Suneel Kumar	VCET Texas Instruments Innovation Lab	12-12-2022	23-12-2022	Embedded System
43	Suraj Sunil Shelar	JP Morgan (Online)	01-07-2022	03-07-2022	Display Data Visually
		Data Science VCET, Vasai	20-06-2022	01-07-2022	Data Science
44	Ankit Rajesh Pandey	Devtown (Online)	10-06-2022	10-11-2022	Web Development



A. Ruperec
Dr. Amtria Ruperec
(HoD, EXTC)

HEAD
Dept. of Electronics and
Telecommunication Engg.,
Vidyavardhini's College of
Engineering & Technology,
Vasai Road - Vasai - 401202

VIDYAVARDHINIS COLLEGE OF ENGINEERING
AND TECHNOLOGY

K.T.Marg Vasai(W), Palghar-401202

NBA & NAAC ACCREDITED



Student Development Program

"Industry 4.0: Paradigm Shift in Technology "

CERTIFICATE

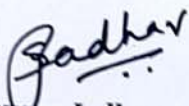
of
Participation

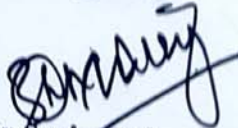
This certificate is presented to

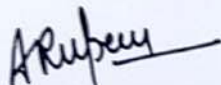
Mr. Harsh Sanjay Raut

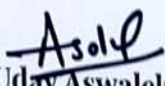
vidyavardhini's College of Engineering and Technology, Vasai


Has successfully completed ISTE Approved one week Student Development Program on "Industry 4.0: Paradigm Shift in Technology" held during **26th June to 1st July 2023** organized by Department of Electronics & Telecommunication Engineering and Department of Mechanical Engineering, Vasai, Palghar.


Dr. Sunayana Jadhav
Co-ordinator


Mr. Sanjay Lohar
Co-ordinator


Dr. Amrita Ruperee
Convener, HoD-EXTC


Dr. Uday Aswalekar
Convener, HoD-MECH


Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Harsh Sanjay Raut

Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from 12th December 2022 to 23rd December 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering and Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal

**VIDYAVARDHINIS COLLEGE OF ENGINEERING
AND TECHNOLOGY**

K.T.Marg Vasai(W), Palghar-401202

NBA & NAAC ACCREDITED

Student Development Program

“Industry 4.0: Paradigm Shift in Technology ”

CERTIFICATE

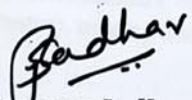
**of
Participation**

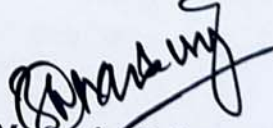
This certificate is presented to

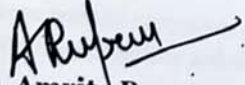
Ms. Mahek Shaikh

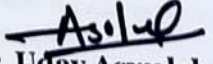
dyavardhini's College of Engineering and Technology, Vasai


has successfully completed ISTE Approved one week Student Development Program on **“Industry 4.0: Paradigm Shift in Technology”** held during **26th June to 1st July 2023** organized by department of Electronics & Telecommunication Engineering and department of Mechanical Engineering, Vasai, Palghar.


Dr. Sunayana Jadhav
Co-ordinator


Mr. Sanjay Lohar
Co-ordinator


Dr. Amrita Ruperee
Convener, HoD-EXTC


Dr. Uday Aswalekar
Convener, HoD-MECH


Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Mahek Anis Shaikh

Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from 12th December 2022 to 23rd December 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering & Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal

VIDYAVARDHINIS COLLEGE OF ENGINEERING
AND TECHNOLOGY

K.T.Marg Vasai(W), Palghar-401202

NBA & NAAC ACCREDITED

Student Development Program

“Industry 4.0: Paradigm Shift in Technology”

CERTIFICATE

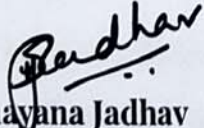
of
Participation

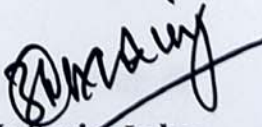
This certificate is presented to

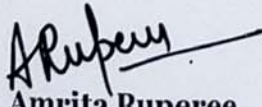
Mr. Ayush Kilpady

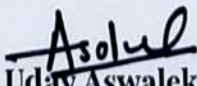
vidyavardhini's College of Engineering and Technology, Vasai


Has successfully completed ISTE Approved one week Student Development Program on “Industry 4.0: Paradigm Shift in Technology” held during **26th June to 1st July 2023** organized by Department of Electronics & Telecommunication Engineering and Department of Mechanical Engineering, Vasai, Palghar.


Dr. Sunayana Jadhav
Co-ordinator


Mr. Sanjay Lohar
Co-ordinator


Dr. Amrita Ruperee
Convener, HoD-EXTC


Dr. Uday Aswalekar
Convener, HoD-MECH


Dr. Harish Vankundre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Ayush Subhash Kilpady

Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from 12th December 2022 to 23rd December 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering & Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil

Dr. Vikas Gupta

Dean, Academic VCET

Dr. Smita A Lonkar

Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Bhavesh Chaturvedi

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Autosprings Pvt.Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Bhavesh Chaturvedi

Has successfully completed **10 Days (Two Weeks) Internship on**

Application development using Fire Bird V Robot

from **12th December 2022 to 23rd December, 2022**, Organized by Industry
Institute Interaction Cell of Vidyavardhini's College of Engineering and
Technology in Association with IETE Mumbai Centre.



Prof. Prafulla Patil
IIIC Coordinator



Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai



Dr. Megha Trivedi
Co-ordinator E-Yantra
Robotics Lab



Dr. Smita A Lonkar
Chairperson,
IETE Mumbai Centre



Dr. Harish Vankudre
Principal

284



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Sahil Gorivale

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Autosprings Pvt.Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Sahil Gorivale

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Autosprings Pvt.Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Avan Qureshi

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Autosprings Pvt. Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist. - Palghar, Maharashtra

CERTIFICATE OF COMPLETION

This is to certify that

Sankalp Dilip Chaudhari

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology
Association with Autosprings Pvt.Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Shraddha Kobnak

Has successfully completed **Two Weeks Internship** in
Web Development

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute Interaction Cell of
Vidyavardhini's College of Engineering and Technology in Association with Rigel Infotech.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Mr. Ahmed S. Shaikh
Founder,
Rigel Infotech

Dr. Harish Vankudre
Principal



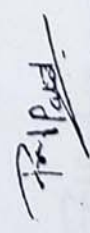
CERTIFICATE OF COMPLETION

This is to certify that

Khushi Benbanshi

Has successfully completed **Two Weeks Internship** in
Web Development

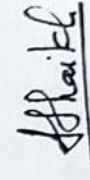
from 12th June 2023 to 23rd June 2023, Organized by Industry Institute Interaction Cell of
Vidyavardhini's College of Engineering and Technology in Association with Rigel Infotech.



Prof. Prafulla Patil
IIC Coordinator



Dr. Megha Trivedi
HOD of Computer
Engineering



Mr. Ahmed S. Shaikh
Founder,
Rigel Infotech



Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Khushi Sanjay Benbanshi

Has successfully completed 10 Days (Two Weeks) Internship on
Embedded Systems using Texas Instruments Microcontrollers
from 12th December 2022 to 23rd December 2022, Organized by Industry
Institute Interaction Cell of Vidyavardhini's College of Engineering and
Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IICC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Lakitaa Vangari

Has successfully completed **Two Weeks Internship** in

Web Development

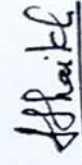
from 12th June 2023 to 23rd June 2023, Organized by Industry Institute Interaction Cell of Vidyardhini's College of Engineering and Technology in Association with Rigel Infotech.



Prof. Prafulla Patil
IIC Coordinator



Dr. Megha Trivedi
HOD of Computer
Engineering



Mr. Ahmed S. Shaikh
Founder,
Rigel Infotech



Dr. Harish Vankudre
Principal

10

315

32



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Hemant Suryakant Bhor

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Autosprings Pvt. Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Kaushal Prakash Wadekar

Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from 12th December 2022 to 23rd December 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering and Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Kaushal Prakash Wadekar

Has successfully completed **Two Weeks Internship in
Android Application Development using Kotlin**

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidya Vardhini's College of Engineering and Technology in
Association with Autosprings Pvt.Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Nikunj Wadke

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidya Vardhini's College of Engineering and Technology in
Association with Autosprings Pvt. Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
 K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Nikunj Yogesh Wadke

**Has successfully completed 10 Days (Two Weeks) Internship on
 Embedded Systems using Texas Instruments Microcontrollers
 from 12th December 2022 to 23rd December 2022, Organized by Industry
 Institute Interaction Cell of Vidyaardhini's College of Engineering and
 Technology in Association with IETE Mumbai Centre.**

[Signature]

Head of Institute

ICC Coordinator

[Signature]

Dr. V. S. G. G. G.

Dean, Academic VEST

Vidyaardhini IETE Mumbai

[Signature]

Dr. S. S. S. S.

Coordinator
 IETE Mumbai Centre

[Signature]

Dr. S. S. S. S.

2022-23



CERTIFICATE OF COMPLETION

Presented to

SEExtc39Shreya Phondke

For successfully completing a free online course
Data Structure & Algorithms in Java for Intermediate Level

Provided by

Great Learning Academy

(On July 2023)

To verify this certificate visit verify.mygreatlearning.com/DQQZUKTD

Certificate of Training

Shreya Phondke

from Vidyavardhini's College of Engineering & Technology, Vasai has successfully completed a 6-week online training on **Embedded Systems**. The training consisted of Introduction, Embedded Hardware, Embedded Firmware, Firmware Development, Phases of Embedded Systems Development, Case Studies, and Final Project modules.

In the final assessment, Shreya scored 42% marks.
We wish Shreya all the best for future endeavours.



Sarvesh Agarwal
FOUNDER & CEO, INTERNSHALA

Certificate no. : Seluatupnjr

Date of certification: 2023-02-05

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate



CERTIFICATE OF COMPLETION

Presented to

Sakshi More

For successfully completing a free online course

Data Structure & Algorithms in Java for Intermediate Level

Provided by

Great Learning Academy

(On June 2023)

To verify this certificate visit verify.mygreatlearning.com/YDENTWFFY



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra

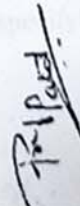


CERTIFICATE OF COMPLETION

This is to certify that

Sakshi Anil More

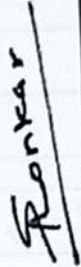
Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from 12th December 2022 to 23rd December 2022, Organized by Industry & Institute Interaction Cell of Vidyavardhini's College of Engineering & Technology in Association with IETE Mumbai Centre.


Prof. Prafulla Patil

IIIC Coordinator


Dr. Vikas Gupta

Dean, Academic VCET
Hon. Secretary, IETE Mumbai


Dr. Smita A Lonkar

Chairperson
IETE Mumbai Centre

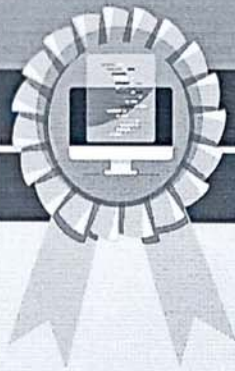


Dr. Harish Vankudre
Principal



272
20
4 JS

CERTIFICATE OF ACHIEVEMENT



This certificate is present to

Riddhi Arun Garudkar

for Incredible Performance in Job-Oriented
Front-End Dev Course. You have proven that
you are ready to help this World through your
Skills.

Manskaar Singh
Founder

Anirudh Khurana
Instructor

Codes Learning

Reminder: Congratulations!

You've been accepted for
our Competitive Coder AI
Training position!

Inbox



Remotasks Comm... 22 Jun

to me ▾



remotasks

Hi Prasanna Lahoti,

Again, congratulations for being
accepted for our Competitive Coder AI
Training position! In this role, you will solve
coding challenges that will help train a
leading-edge Generative AI model. We're
excited to have you on the Scale AI /
Remotasks team!

Google

Jul 29, 2023

Soham Sanjay Birwadkar

has successfully completed

Foundations of Cybersecurity

an online non-credit course authorized by Google and offered through Coursera

Amanda Beqiy
Global Director of Google Career Certificates

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/Q6XQFEKFB3E>
Coursera has confirmed the identity of this individual and their

Certificate of Training

Soham Birwadkar

from Vidyavardhini's College of Engineering and Technology has successfully completed an 8-week online training on **Web Development**. The training consisted of HTML, CSS, Bootstrap, DBMS, PHP, JS, React, and Final Project modules.

Soham scored 100% marks in the final assessment and is a top performer in the training.

We wish Soham all the best for future endeavours.



Sarvesh Agarwal
FOUNDER & CEO, INTERNSHALA

Certificate no. : 7bqr1wpc4y

Date of certification: 2023-03-23

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

CERTIFICATE OF COMPLETION

7/15/2023

This certificate is proudly presented to

PREET NIMESH THAKUR

for successful completion of 1 month internship in
Web Development and Designing
with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

| OIB/J2/IP369

| www.oasisinfobyte.com



**OASIS
INFOBYTE**



282

Certificate of Achievement

Congratulations!

Pranali Kale

for successfully completing

TCS iON Career Edge - Young Professional

a course that covers

Communication Skills | Presentation Skills | Soft Skills | Career Guidance Framework | Resume Writing
| Group Discussion Skills | Interview Skills | Business Etiquette | Effective Email Writing | Telephone
Etiquette | Accounting Fundamentals | IT Foundational Skills | Overview of Artificial
Intelligence*(Source: NPTEL)

Start Date: 14 Jun 2023

End Date: 20 Jul 2023

Mehul Mehta

Mehul Mehta

Global Delivery Head - TCS iON,
Tata Consultancy Services



CERTIFIED

Cert ID: 119854-24507352-1016
Date: 20 Jul 2023



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Pranali Dadarao Kale

Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from 12th December 2022 to 23rd December 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering and Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal

LINUXWORLD INFORMATICS PVT LTD

No. 1 RedHat Authorised & Premium Partner across India & SAARC

CERTIFICATE OF TRAINING

This is to certify that

Mr. Harsh Solanki Shimpi

has successfully completed
Research Based Summer Industrial Internship training on

Navigating and Revolutionizing Projects with
AWS Cloud Computing for Scalable Solutions,
Seamless Deployments, Optimal Performance, &
Transformational Success - Unleashing the Power of
AWS Cloud Computing under the mentorship of Mr. Vimal Daga.



Certificate No. : LWIPL-2023-208
Date : 9th June - 27th July, 2023

Authorized Signatory
LinuxWorld Informatics Pvt. Ltd.





VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Harsh Solanki Shimpi

Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from 12th December 2022 to 23rd December 2022, Organized by Industry Institute Interaction Cell of Vidya vardhini's College of Engineering & Technology in Association with IETE Mumbai Centre.

Dr. Vikas Gupta

Dr. Smita A Lonkar

Dr. Harish Vankudre



TO WHOM IT MAY CONCERN

REF: AP/230605

DATE : 30/06/2023

Certificate of Completion

This is to certify that,

Mr. Atharva More from Vidyavardhini's College of Engineering and Technology
Department of Electronics and Telecommunication Engineering has participated and
completed 1 month internship program on Web Development .

During the internship, he demonstrated exceptional dedication, professionalism, and a strong commitment to learning and growth. Their contributions were valuable and greatly appreciated by the team. Throughout the internship, he actively participated in various projects and tasks, acquiring practical skills and knowledge. Their ability to adapt to new challenges, collaborate with colleagues, and consistently deliver high-quality work has been commendable.

Date : 01/06/2023 to 30/06/2023

AUTHORISED SIGNATORY
FOR AP INFOSYS



DIRECTOR



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Atharva Vilas More

Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from 12th December 2022 to 23rd December 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering & Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal

Software Development
Web Site Development
Web Domain/Hosting
Hardware Supplier/Maintenance
CCTV Security Surveillance System



AP INFOSYS

Complete IT Solutions
CELL NO. 9967035882
Tel : 022 3171 5757

TO WHOM IT MAY CONCERN

REF: AP/230603

DATE : 30/06/2023

Certificate of Completion

This is to certify that,

Ms. Devisha Shetty from Vidyavardhini's College of Engineering and Technology
Department of Electronics and Telecommunication Engineering has participated and
completed 1 month internship program on Web Development.

During the internship, she demonstrated exceptional dedication, professionalism, and a strong commitment to learning and growth. Their contributions were valuable and greatly appreciated by the team. Throughout the internship, She actively participated in various projects and tasks, acquiring practical skills and knowledge. Their ability to adapt to new challenges, collaborate with colleagues, and consistently deliver high-quality work has been commendable.

Date : 01/06/2023 to 30/06/2023

AUTHORISED SIGNATORY
FOR AP INFOSYS



DIRECTOR



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
 K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Devisha Jayraj Shetty

Has successfully completed **10 Days (Two Weeks) Internship on**

Application development using Fire Bird V Robot

from 12th December 2022 to 23rd December, 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering and Technology in Association with IETE Mumbai Centre.

Dr. Vikas Gupta Dr. Megha Trivedi Dr. Smita A Lonkar Dr. Harish Vankudre



TO WHOM IT MAY CONCERN

REF: AP/230606

DATE : 30/06/2023

Certificate of Completion

This is to certify that,

Mr. Rohit Kale from **Vidyavardhini's College of Engineering and Technology**

Department of **Electronics and Telecommunication Engineering** has participated and completed 1 month internship program on **Web Development** .

During the internship, he demonstrated exceptional dedication, professionalism, and a strong commitment to learning and growth. Their contributions were valuable and greatly appreciated by the team. Throughout the internship, he actively participated in various projects and tasks, acquiring practical skills and knowledge. Their ability to adapt to new challenges, collaborate with colleagues, and consistently deliver high-quality work has been commendable.

Date : **01/06/2023** to **30/06/2023**

AUTHORISED SIGNATORY
FOR AP INFOSYS

DIRECTOR





Embedded Systems India Private Ltd

DATE: 30/06/2023

REF: LOGIQEISPL/2023-24/001

INTERNSHIP TRAINING CERTIFICATE

This is to certify that Mr. Hemant Jena, Student of Vidyavardhini's College of Engineering & Technology, Vasai, Palghar, has successfully completed Internship Training in the field "Electronics and Telecommunication" at Logiq Embedded Systems India Pvt. Ltd., Vasai Road, Palghar, for the period 1st June 2023 to 30th June 2023.

During Internship period, we found him sincere, hardworking and result oriented. He worked well as part of the team during his tenure. We take this opportunity to wish all the best for her future assignment.

ADDITIONAL COMMENTS OR SUGGESTIONS

Please provide your specific feedback on subjects, training duration and way of training. The training of the trainee was successful in following manner.

For LOGIQ EMBEDDED SYSTEMS INDIA PVT. LTD

[Signature]
AUTHORISED SIGNATORY / DIRECTOR



GENERAL COMMENTS OR SUGGESTIONS FOR CURRICULUM IMPROVEMENT

Please provide comments and suggestions on how we can improve our curriculum by providing knowledge, practice and skills demanded by the industry.

Name: Hemant Jena
Roll No: 15



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

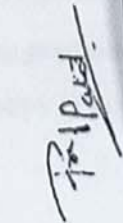
This is to certify that

Hemant Jena

Has successfully completed **10 Days (Two Weeks) Internship** on

Application development using Fire Bird V Robot

from 12th December 2022 to 23rd December, 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering and Technology in Association with IETE Mumbai Centre.



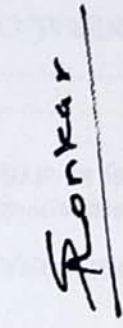
Prof. Prafulla Patil
Coordinator



Dr. Vikas Gupta
Dean, Academic VCET



Dr. Megha Trivedi
Co-ordinator E-Yantra



Dr. Smita A Lonkar
Chairperson



Dr. Harish Vankudre
Principal

REF: LOGIQEISPL/2023-24/002

DATE: 30/06/2023

INTERNSHIP TRAINING CERTIFICATE

This is to certify that Mr. Vinay Gawai, Student of Vidyavardhini's College of Engineering & Technology, Vasai, Palghar, has successfully completed Internship Training in the field "Electronics and Telecommunication" at Logiq Embedded Systems India Pvt. Ltd., Vasai Road, Palghar, for the period 1st June 2023 to 30th June 2023.

During Internship period, we found him sincere, hardworking and result oriented. He worked well as part of the team during his tenure. We take this opportunity to wish all the best for her future assignment.

For LOGIQ EMBEDDED SYSTEMS INDIA PVT. LTD

AUTHORISED SIGNATORY / DIRECTOR





VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Vinay Mahendra Gawai

Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from 12th December 2022 to 23rd December 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering and Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal

CERTIFICATE OF COMPLETION

5/15/2023

This certificate is proudly presented to

Pradnyesh Patil

for successful completion of **1 month internship** in
Web Development and Designing
with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

OIB/A2/IP485



www.oasisinfobyte.com



OASIS
INFOBYTE



MSME
Make in India

274

2)

22

12

07

CERTIFICATE OF COMPLETION

5/10/2023

This certificate is proudly presented to

Vijay Rajaram Patil

for successful completion of 1 month internship in

Web Development and Designing

with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

| OIB/A1/IP736

| www.oasisinfobyte.com



**OASIS
INFOBYTE**



275
22
MSME
23

CERTIFICATE OF COMPLETION

2/1/2023

This certificate is proudly presented to

TUHN GOBINDA SAHA

for successful completion of **1 month internship** in

Web Development and Designing

with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

| OIB/J1/IP944



| www.oasisinfobyte.com



OASIS
INFOBYTE



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
एक ही छत के तहत सभी

276 24

15

Certificate of Training

Ashutosh Singh

from VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY has successfully completed an 8-week online training on **Web Development**. The training consisted of HTML, CSS, Bootstrap, DBMS, PHP, JS, React, and Final Project modules.

In the final assessment, Ashutosh scored 88% marks.
We wish Ashutosh all the best for future endeavours.



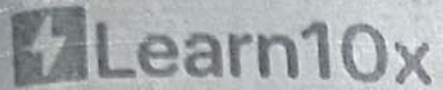
Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2023-04-14

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

Certificate.no. : 32t3y30g20f



45/1, Magrath Road, Richmond Town, Bengaluru, Karnataka, 560025

Date: 17/02/2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mihir Mahesh Gosavi has done his internship in Business Development at Learn10x, Bangalore, from Dec 2022 to Jan 2023.

He has worked on a project titled Student Relations. This project was aimed at connecting with students. As part of the project, he has understanding student mindset for learning to code and approaching them with required solutions.

During his internship he has demonstrated his skills with self-motivation to learn new skills. His performance exceeded our expectations and he was able to complete the project on time.

We wish him all the best for his upcoming career.

Learn10x

Akash Jha

For ~~Bytegenics Solutions Pvt. Ltd.~~

Founder at Learn10x

Director



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

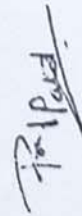
This is to certify that

Abhay Vinay Dubey

Has successfully completed **10 Days (Two Weeks) Internship on**

Application development using Fire Bird V Robot

from 12th December 2022 to 23rd December, 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering and Technology in Association with IETE Mumbai Centre.


Prof. Prafulla Patil
IIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai



Dr. Megha Trivedi
Co-ordinator E-Yantra
Robotics Lab



Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre



Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Bavana P. Bhaskaran

Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from 12th December 2022 to 23rd December 2022, Organized by Industry Institute Interaction Cell of Vidya Vardhini's College of Engineering & Technology in Association with IETE Mumbai Centre.


Prof. Prafulla Patil
Coordinator


Dr. Vikas Gupta
Dean, Academic VCET


Dr. Smita A. Lonkar
Chairperson
IETE Mumbai Centre


Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Mitali Manoj Jain

Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from 12th December 2022 to 23rd December 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering and Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Likhit Kumar Khandelwal

Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from 12th December 2022 to 23rd December 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering and Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Aryan Manoj Kore

Has successfully completed 10 Days (Two Weeks) Internship on
Embedded Systems using Texas Instruments Microcontrollers
from 12th December 2022 to 23rd December 2022, Organized by Industry
Institute Interaction Cell of Vidyavardhini's College of Engineering &
Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Navya Ramakrishnan Nair

Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from 12th December 2022 to 23rd December 2022, Organized by Industry Institute Interaction Cell of Vidya Vardhini's College of Engineering and Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Varun Vishwas Parab

Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from 12th December 2022 to 23rd December 2022, Organized by Industry Institute Interaction Cell of Vidya Vardhini's College of Engineering and Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vanni Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Sneha Sandip Patil

Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from **12th December 2022 to 23rd December 2022**, Organized by Industry Institute Interaction Cell of Vidya Vardhini's College of Engineering & Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra

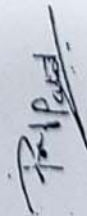


CERTIFICATE OF COMPLETION

This is to certify that

Omkar Dinesh Shelke

Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from 12th December 2022 to 23rd December 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering & Technology in Association with IETE Mumbai Centre.



Prof. Prafulla Patil
IIIC Coordinator



Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai



Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre



Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Rhea Ramesh Titre

Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from 12th December 2022 to 23rd December 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering & Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Dhruv Suneel Kumar Sharma

Has successfully completed **10 Days (Two Weeks) Internship on Embedded Systems using Texas Instruments Microcontrollers** from 12th December 2022 to 23rd December 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering & Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil

Dr. Vikas Gupta

Dr. Smita A Lonkar

Dr. Harish Vankudre
Principal

Chairman

JPMORGAN CHASE & CO.



Forage

Inspiring and empowering
future professionals

Suraj Shelar Software Engineering Virtual Experience

Certificate of Completion
July 3rd, 2023

Over the period of July 2023, Suraj Shelar has completed practical tasks in:

- Interface with a stock price data feed
- Use JPMorgan Chase & Co. frameworks and tools
- Display data visually for traders
- Bonus task: Open source contribution

Enrollment Verification Code: 8XrRcmBDHRt6pRn4d | User Verification Code: beHwWmYG9sTfnFoDX | Issued by Forage

277

25
21



**VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY**

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra

CERTIFICATE OF COMPLETION

This is to certify that

Suraj Sunil Shelar

has successfully completed **Two Weeks Internship** on

Data Science

from 20th June, 2022 to 1st July, 2022. Organized by
Vidyavardhini's College of Engineering and Technology

Mr. Anand Sankhe

Executive Engineer (A/C), IT, MMRDA

Dr. Harish Vankudre

Principal, VCET

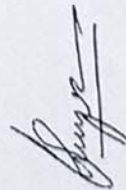
devtown

CERTIFICATE OF COURSE COMPLETION

This Certification is proudly presented to :

ANKIT PANDEY

For successfully completing course in
Full-stack Web Development.



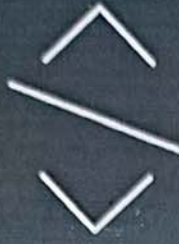
Shaurya Sinha
Co-Founder



Scan the QR code to verify



or visit: <https://cert.devtown.in/techbaedity/ITXUp>



/devtown-in



@devtown.in



/DevTownIndia

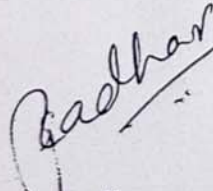
www.devtown.in



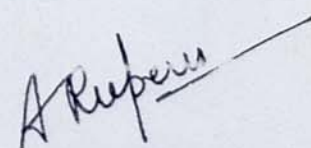
Vidyavardhini's College of Engineering & Technology
Department of Electronics and Telecommunication Engineering

Industry Guided Projects
A.Y. 2022-23

Sr. No.	Name Of the students	Guide	Title of the Project	Industry
1.	Mr. Kushal Raut Mr. Karan Singh Mr. Riddhesh Vanjara Mr. Varad Vartak	Dr. Amrita Ruperee	Automated Waste Segregation	Go Shoonya Pvt. Ltd. And Green Sutra, Dahisar (E)
2.	Mr. Aditya Patil Mr. Mandar Payare Ms. Nalanda Patil	Dr. Sunayana Jadhav	Custom -Build flight controller and ESC for UAV application	SIRIUS CLEANTECH PVT. LTD. G 901, Jade Gardens,, MIG Colony, Gandhi Nagar, Bandra (E)
3.	Mr. Vaibhav Mishra Ms. Kimaya Shejwalkar	Ms. Shaista Khanam	Website Development and Inventory management system	AARBEE AQUA, India Pvt. Ltd., Vasai (E)
4.	Ms. Prachi Purohit Ms. Sanskruti Talgaonkar Mr. Bharat Khanvilkar	Ms. Shraddha Gosavi	Positively Buoyant Self-Stabilizing Underwater Vehicle	IXAR Robotics Solutions, S.V. road Jogeshwari (W)
5.	Mr. Nomaan B. Mr. Sairaj Dhanagar Mr. Varad Marathe Ms. Nidhi Lad	Ms. Ashwini Katkar	Semi-integrated Solar Led Street Light	Oditronics Technology, PVT, LTD, Vasai (E)
6.	Mr. Chinmay Raut Mr. Ashwin Nair Mr. Omkar Sadadekar	Ms. Trupti Shah	Wireless Underground Sewage Monitoring System.	Janyu Technologies Private Ltd., Vasai (E)
7.	Ms. Rashmi Mote Mr. Omkar Naik Mr. Manohar Kaloni Ms. Aarati Prasad	Ms. Ekta Naik	Industrial Production Counter	Art Next Pvt. Ltd., S.V. Road, Goregaon(W)


Dr. Sunayana Jadhav
(Project Coordinator)




Dr. Amrita Ruperee
(HoD, EXTC)

amr
1

This is to appreciate and certify the final year project work done by Mr. Kushal Raut, Mr. Karan Singh, Mr. Riddhesh Vanjara, Mr. Varad Vartak of Vidyavardhini's College of Engineering and Technology, under the academic supervision of Dr. Amrita Ruperee with Go Shoonya Pvt Ltd.

The Project Title : Automated Waste Segregation Project

Duration: 13th June 2022 to 10th March 2023

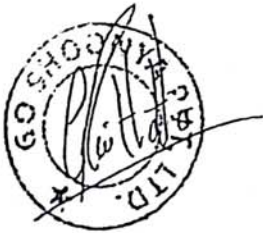
We are delighted to have your team worked on several proposed models, conducting a literature survey, visits to our plants in Nashik and Mumbai. The thorough research and attention to detail laid a strong foundation for the rest of the project.

The students team proposed three models and designed the detailed washing unit model on Autodesk Inventor. The team's ability to create feasible and practical models for implementation is highly commendable. Additionally, we appreciate the efforts put in for preparing the Bill of Materials and Bill of Quantities, which will be of immense help in the implementation stage.

Go Shoonya would also like to convey the appreciation to the Project Guide Dr. Amrita Ruperee for the valuable contribution.

We wish all the very best to all for future endeavours and also look forward to working with the team in future.

With best Regards,



Director,
Go Shoonya Pvt Ltd.

Project Report On
AUTOMATED WASTE SEGREGATION
SYSTEM

By

Kushal Raut (35)

Karan Singh (42)

Riddhesh Vanjara (49)

Varad Vartak (50)



Department of
Electronics & Telecommunication Engineering
Vidyavardhini's College of Engineering & Technology

University of Mumbai

2022-2023

Project Report Approval for Bachelor of Engineering

This project report entitled

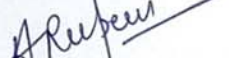
AUTOMATED WASTE SEGREGATION SYSTEM

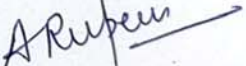
by

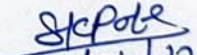
Kushal Raut (35)
Karan Singh (42)
Riddhesh Vanjara (49)
Varad Vartak (50)

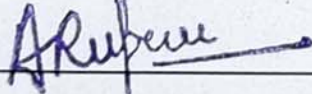
*for the award of degree of Bachelor of Engineering in
Electronics & Telecommunication Engineering*

by the University of Mumbai during the academic year 2022-2023.

Supervisor : Dr. Amrita Ruperee ()

Internal Examiner : Dr. Amrita Ruperee ()

External Examiner : Dr. Santoshi Pote ()



Dr. Amrita Ruperee

HOD, EXTC



Dr. Harish Vankudre

Principal, VCET

Date: _____

Place: Vasai

Abstract

Urban regions and metropolises have faced an increase in waste segregation problems owing to rapid population growth. The accumulation of huge quantities of waste has led to health hazards for workers. Scientific studies show that their life expectancy of them including their offspring decreases. Indian waste is not directly segregated as wet or dry waste. The huge tons of waste generated are the main problem owing to the waste consisting of all types of materials such as metals, plastic, leftovers, etc. In India, Waste Segregation is done manually by workers. The above factors and the living conditions of the workers call for an Automated Waste Segregation System at least in the initial stages of separation on the landfills. The proposed system focuses on an Automated Waste Segregation System using a conveyor belt, washing unit, and other techniques. It emphasizes hardware in tandem with apposite sensors to reduce incompetence and redundancy. In simple words, the proposed system aims to reduce human intervention involved in waste segregation using effective automation suitable for large-scale waste.

Chapter 5

Results & Discussion

For the above-proposed system, theoretical calculations and timing are calculated to have an idea about the actual sync of the system and the time duration it will take for each cycle. It also includes the calculations of load, timing, and energy expenditure cost associated with it.

5.1 Load, Timing, and Cost Calculation

The implementation of the proposed model works on below generic principles below irrespective of the deployment of the proposed model one goes for. The proposed model dimensions and time of operations are calculated (approx.) for an input payload of 5-7kg (1 batch of 1000cubic meters) as mentioned below:

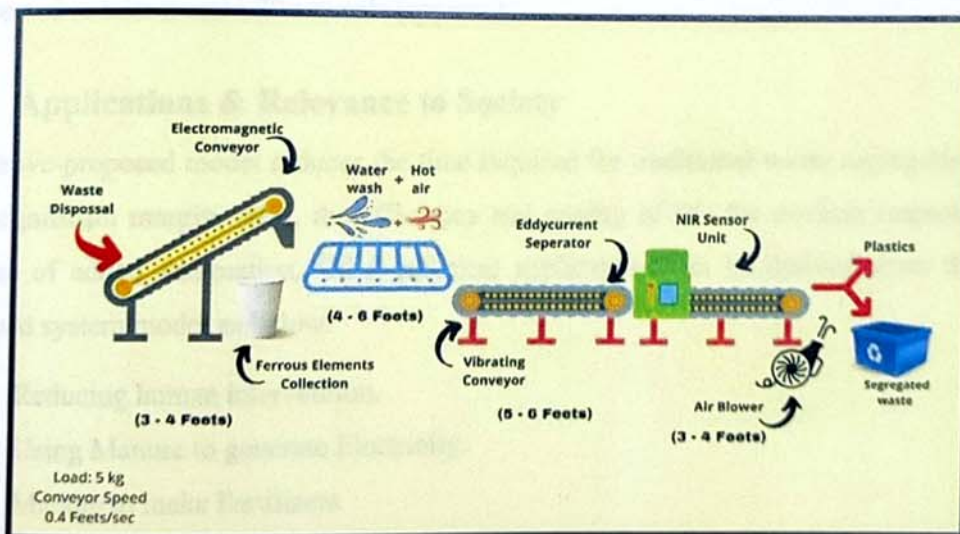


Figure 5.1: Calculation Diagram

1. The proposed system includes different segregation stages, beginning with an electromagnetic conveyor that separates ferrous substances. This takes about 15-20 seconds at slow-moderate speed. (approx.)

2. Further, it passes onto a vibrating conveyor where it loosens out and spreads evenly. This step is expected to take 5-8 seconds. (approx.)
3. The eddy-current separator at this stage separates the non-ferrous metals. After this stage, most of the ferrous and non-ferrous metals are removed. This step takes around 15 seconds. (approx.)
4. Lastly, the concluding stage of segregation requires human intervention to reduce the cost required for additional sensors as shown in Figure 4.3.

Cost: On consideration of 5HP 3 Phase Motor consumes a power of 3.72kW (where 1hp = 0.73549875 kW), having a speed of 1440 RPM. Considering that the machine works for 8 hours, it consumes a total of energy of about 29.76kWh. Since, 1 unit is equal to 1kwh and as 1 unit of energy costs 12rs (approx.). Hence, for 29.76 units the total cost will be given as $29.76 * 12 = \text{Rs. } 357.12$ per day.

Additional: NIR sensor detects the plastic materials based on spectroscopy, on which the material at that corresponding position is blown out using precision high-pressure blowers as shown in Figure 5.1. Or it can be replaced with robotic arms or manual segregation which is expected to take around 20 seconds (approx.).

5.2 Applications & Relevance to Society

The above-proposed model reduces the time required for traditional waste segregation by a significant margin. Also, the efficiency and quality of life for workers improve because of added automation. Other practical applications can be derived from the proposed system model as below:

1. Reducing human intervention.
2. Using Manure to generate Electricity.
3. Manure to make Fertilizers
4. Building eco-friendly products or for building roads.

5. Improving Hygiene of Surrounding area
6. Reducing Dumping Yards to Make lands for cultivation.

Chapter 6 Conclusion

The overall goal of the project started with a thorough baseline survey to identify the existing waste management practices in the study area. The primary objective was to assess the current waste management practices and identify the areas for improvement. The study found that the existing waste management practices were largely informal and unregulated, leading to environmental and health concerns. The project aimed to address these issues by implementing a structured waste management system. The proposed system includes the establishment of a waste management committee, the implementation of a waste collection and transportation system, and the construction of a waste treatment and disposal facility. The project also focuses on raising awareness among the community about the importance of proper waste management and the health risks associated with informal dumping. The project's success will be measured by the reduction in informal dumping, the improvement in waste collection and transportation, and the overall improvement in the community's waste management practices. The project's findings and recommendations will be used to inform future waste management initiatives in the study area.

Chapter 6

Conclusion

The development of the project started with a thorough literature survey including several industrial visits wherever necessary. In conducting the same, 3 potential proposed models are proposed for designing considering Indian Waste. The model is designed considering the initial payload waste input of 5-7kg including the necessary dimensions. The cost for the proposed system can go up to Rs. 357 per day (approx.) where the Machine i.e., Motor works for 6-8 hours tentatively under normal load conditions. The designed prototype also takes into consideration the health of the workers involved in the process thereby reducing human intervention. The modular units of the proposed model make it more reliable for future upgrades and repairs and extra add-ons for automation. Thereby the segregated waste is obtained as wet compost or manure and dry waste separately. The manure can be used to make compost or bio-gas energy whereas the plastic waste can be recycled and reused in different applications such as producing eco-friendly products or for building roads.

SIRIUS CLEANTECH PVT. LTD.

GST No.: 27ABICS2589N1ZH

CIN: U34100MH2022PTC380403

To Whom so ever it may Concern

This is to certify that Mr. Harsh Nayal (BE Instrumentation Final year) , Ms. Nalanda Patil, Mr. Aditya Patil and Mr. Mandar Payare, (B.E Electronics and Telecommunication) Final year, of Vidyavardhini's College of Engineering and technology, Vasai, have successfully completed the project titled, " Custom Built Flight Controller Design " at Sirius Cleantech Pvt Ltd, Vasai East 401208, Vasai, Maharashtra from September 2022 to April 2023.



Mihir Sharma --

Project Lead @SCPL

G 901, Jade Gardens,, MIG Colony, Gandhi Nagar, Bandra (East),, Mumbai, Mumbai City, Maharashtra, India, 400051.
info@siriusenergy.com, ph. 99670 28453.

Project Report On
**DESIGN AND DEVELOPMENT OF FLIGHT
CONTROLLER FOR UAV APPLICATION**

By

Nalanda Patil

Aditya Patil

Mandar Payare

Harsh Nayal



**Department of
Electronics & Telecommunication Engineering**

Vidyavardhini's College of Engineering & Technology

University of Mumbai

2022-2023

Project Report Approval for Bachelor of Engineering

This project report entitled

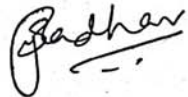
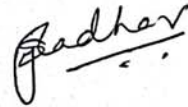

DESIGN AND DEVELOPMENT OF FLIGHT CONTROLLER FOR UAV APPLICATION

by

**Nalanda Patil
Aditya Patil
Mandar Payare
Harsh Nayal**

*for the award of degree of Bachelor of Engineering in
Electronics & Telecommunication Engineering*

by the University of Mumbai during the academic year 2022-2023.

Supervisor : Dr. Sunayana Jadhav ()
Internal Examiner : Dr. Sunayana Jadhav ()
External Examiner : Dr. Santoshi Pote ()



Dr. Amrita Ruperee
HOD, EXTC



Dr. Harish Vankudre
Principal, VCET

Date: _____

Place: _____

Abstract

UAV technology has developed drastically in previous years. Drones are used for several applications such as agriculture, security and observation, remote detection, surveys in remote or undeveloped areas, delivery of goods and identifying property boundaries. It is expected that the drone industry will see major technological innovations and wider applications in the coming years. To satisfy the demands of the ongoing technological development there is a need to develop a more efficient system which is a cheaper and durable solution for the long term.

Traditionally built components in drones such as flight controllers and electronic speed controllers have certain limitations. The flight controllers available in the market have low memory space and lack a data communication system. The possible solution to these problems is to build a controller which can be customized and has extended memory space enough for efficient flight computations. The electronic speed controllers which are being used in the market are capable of controlling the motor only in one direction. A system can be built which enables the motor to change its spinning direction. Traditionally used flight controllers and ESCs are also prone to get affected by electromagnetic radiation from the surroundings which can affect their overall performance as well as these systems are proved to be very costly for general applications. The proposed system aims to customize various components in the drone such as the flight controller and the electronic speed controller such that it overcomes these limitations and is much cheaper than the products available in the market.

Chapter 6

Result and Discussion

Traditionally used flight controller systems have lack of signal filtration for suppressing interferences caused due to EMI. The output PWM signal coming from the flight controller system without using filter has been observed and compared with the signal after applying filter. The below Fig.6.1 shows the PWM signal when the filter was removed from the Proposed System. As it can be observed that the peak and minimum value have an interference because of which the system will get pseudo values. which will lead to break down or crashing of drone.

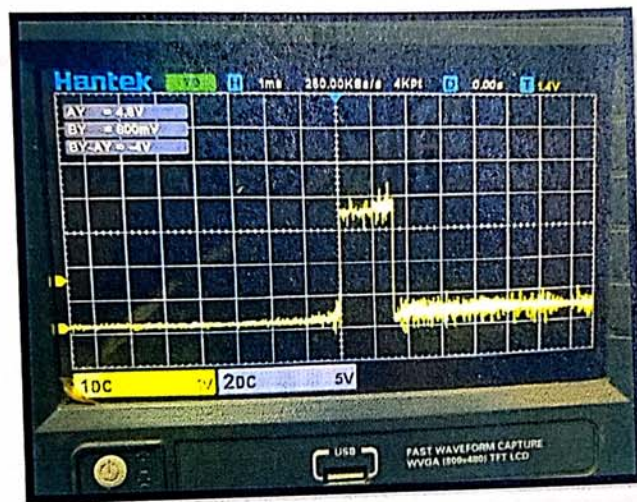


Fig.6.1 Output PWM signal from the flight controller system with no filter

After filter is applied to this system the PWM signal have been smooth throughout the transmission because of which the system won't malfunction due to abrupt signal value change.

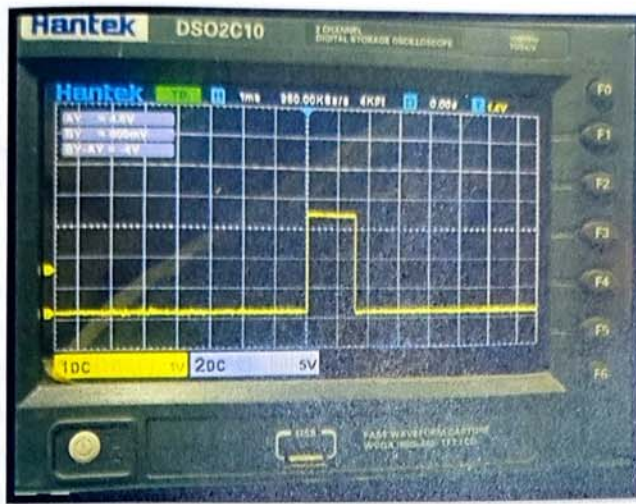


Fig.6.2 Output PWM signal from the flight controller system using filter

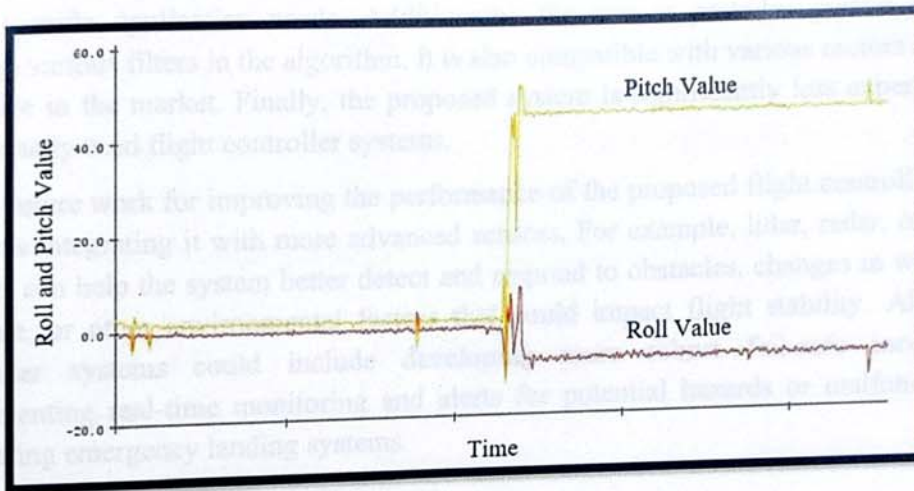


Fig.6.3 Graph of change in Roll and Pitch values in response to movement of drone

In above given Fig 6.3 it can be observed that the Roll and Pitch value are changing according to the movement of drone with respect to time.

Chapter 7

Conclusion

Advances in control algorithms, sensor fusion, and control system architecture have greatly improved the performance and capabilities of flight controllers, enabling them to be used in a wide range of applications, from commercial aviation to unmanned aerial vehicles (UAVs). While there are still challenges to be addressed, such as system complexity and fault tolerance. The proposed system has the capability of addressing all these backlogs in the design of flight controller system. The system is capable of suppressing noise and interference in the input signal to the motors, resulting in much better performance compared to traditionally used flight controller systems. The system is also proved to be much compact and simplified, reducing complexity and allowing for easy customization to meet specific application needs. Additionally, the system provides greater efficiency through various filters in the algorithm. It is also compatible with various motors and ESCs available in the market. Finally, the proposed system is significantly less expensive than traditionally used flight controller systems.

Future work for improving the performance of the proposed flight controller system involves integrating it with more advanced sensors. For example, lidar, radar, or infrared sensors can help the system better detect and respond to obstacles, changes in wind or air pressure, or other environmental factors that could impact flight stability. Also, flight controller systems could include developing more robust fail-safe mechanisms, implementing real-time monitoring and alerts for potential hazards or malfunctions, or integrating emergency landing systems.

2022-23
9

This is to appreciate and certify for the project work done by Mr. Vaibhav Bhuwal Mishra and Ms. Kimaya Ajay Shejwalkar of Vidyavardhini's College of Engineering and Technology, under the academic supervision of Ms. Shaista Khanam with Aarbee Aqua India Pvt Ltd.

The Project Title : "Website development and Inventory management system".

Project Duration: 24th June 2022 to 30th December 2022.

For successful implementation of the project "Website development and Inventory management system". In a growing business, it is crucial to keep track of the products and establish a distinguished online presence. For that purpose, an inventory management system and a website were developed for the company. The inventory management system included the printing of barcodes and scanning them to get the total amount of stock available. The website development included listing products online, writing descriptions about them, and designing the user interface for the website.

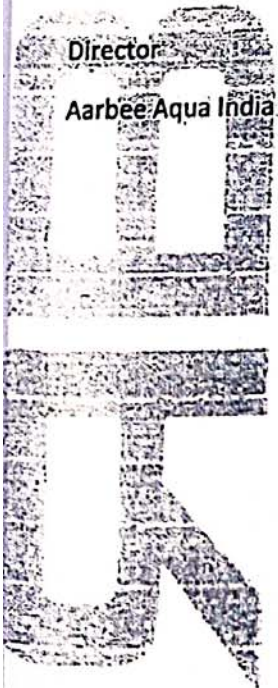
Aarbee Aqua would also like to convey the appreciation to the Project Guide Ms. Shaista Khanam for the valuable contribution.

We wish all the very best to all for future endeavors and also look forward to working with the team in future. With best Regards.



Director

Aarbee Aqua India Pvt. Ltd.



Project Report on

**Website Development and Inventory
Management System**

By

Vaibhav Mishra (52)

Kimaya Shejwalkar (61)

**Department of Electronics & Telecommunication
Engineering**



**Vidyavardhini's College of Engineering & Technology
University of Mumbai
2022-2023**

Vidyavaridhi's College of Engineering & Technology
Department of
Electronics & Telecommunication Engineering

CERTIFICATE

This is to certify that the following students

Vaibhav Mishra (52)

Kimaya Shejwalkar (61)

have completed project entitled

Website Development and Inventory Management System

For AARBEE AQUA ,India Pvt.Ltd.Vasai.

during the academic year 2022-2023.

Internal supervisor: Ms. Shaista Khanam

External supervisor: Mr.Ashish Shah



Dr. Amrita Ruperee
HOD, EXTC



Dr. H. V. Vankudre
Principal, VCET



Abstract

Managing inventory and sales channels efficiently is critical for water filtration businesses to successfully grow. However, many small firms still use manual processes that limit productivity and scaling. This project aimed to solve these challenges for Aarbee Aqua Pvt Ltd by building an integrated inventory management and e-commerce solution on WordPress and WooCommerce.

The goals were to:

- Digitize inventory tracking of filters and materials using barcode scanning, dashboards, and reporting
- Develop an online store to expand sales channels
- Integrate inventory and order systems for real-time stock updates and order syncing
- Provide a foundation for data-driven decisions and omnichannel operations

The inventory management system customized on WordPress captured extensive product data including variations, user roles, and barcodes for simplified tracking. Dashboards gave real-time visibility into inventory while reporting provided sales velocity, stock level, and turnover insights.

The WooCommerce website allowed customers to self-serve, browsing and buying filters and materials online. The complete catalog was imported along with images, pricing, details and barcodes from the backend. Payment, shipping, and account creation enabled seamless checkout.

Two-way API integration linked inventory and order databases, keeping stock updated across systems. This prevented overselling, enabling order information to smoothly flow into fulfillment.

The integrated, cloud-based systems eliminated significant manual efforts while providing omnichannel commerce capabilities. With centralized inventory and order data, Aarbee Aqua is positioned for efficient operations, data-driven decisions, and continued growth.

Chapter 6

Result and Discussion

The inventory management system digitized tracking of products, inventory, orders and fulfillment. Key features:

- Barcode scanning for streamlined product management
- Dashboard providing real-time visibility into inventory levels
- Role-based access control for managing user permissions
- Reporting on sales, orders, inventory turnover etc.

This automated previously manual processes driving accuracy, efficiency and data-driven decisions.as shown in fig 6.1

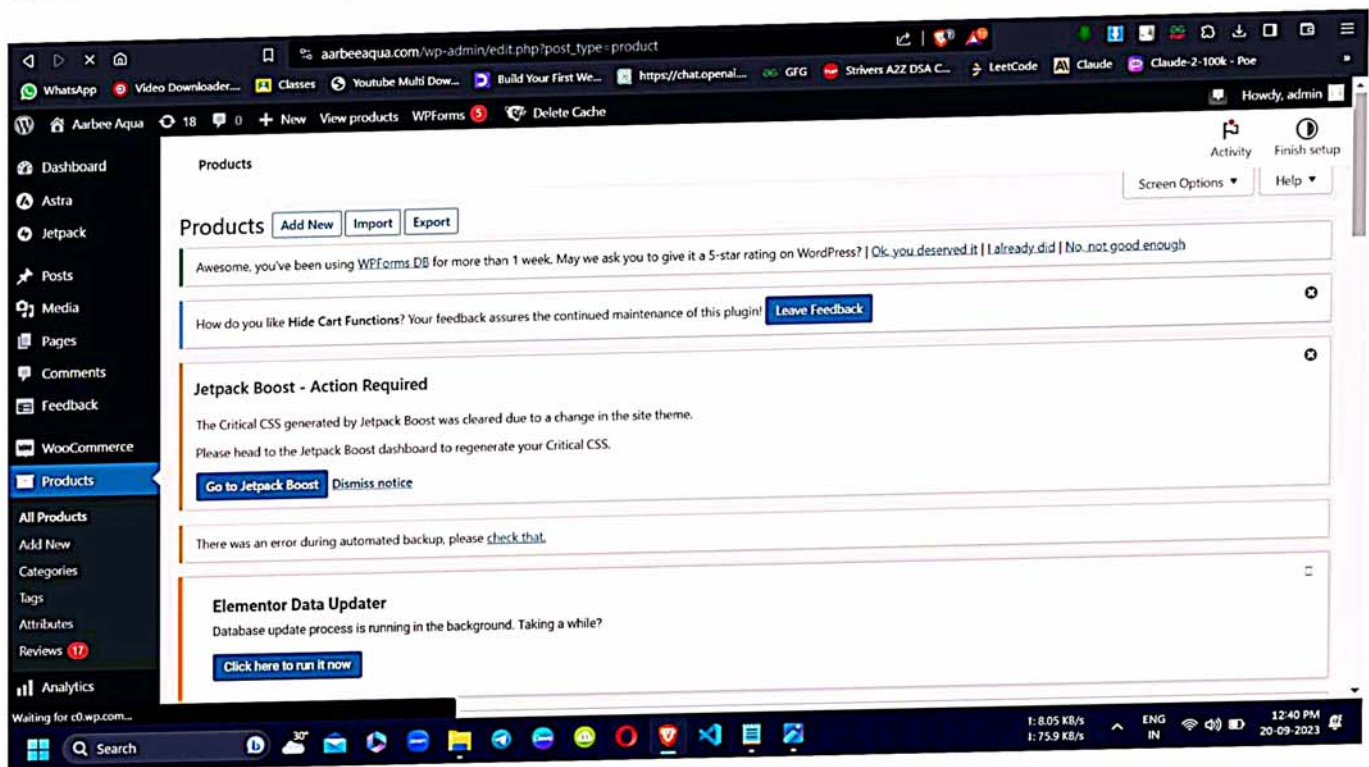


Fig 6.1. Inventory management system dashboard

The WooCommerce website enabled customers to browse and purchase products online. The product catalog and variations were imported along with images, descriptions and barcodes.as shown in fig 6.2 and fig 6.3

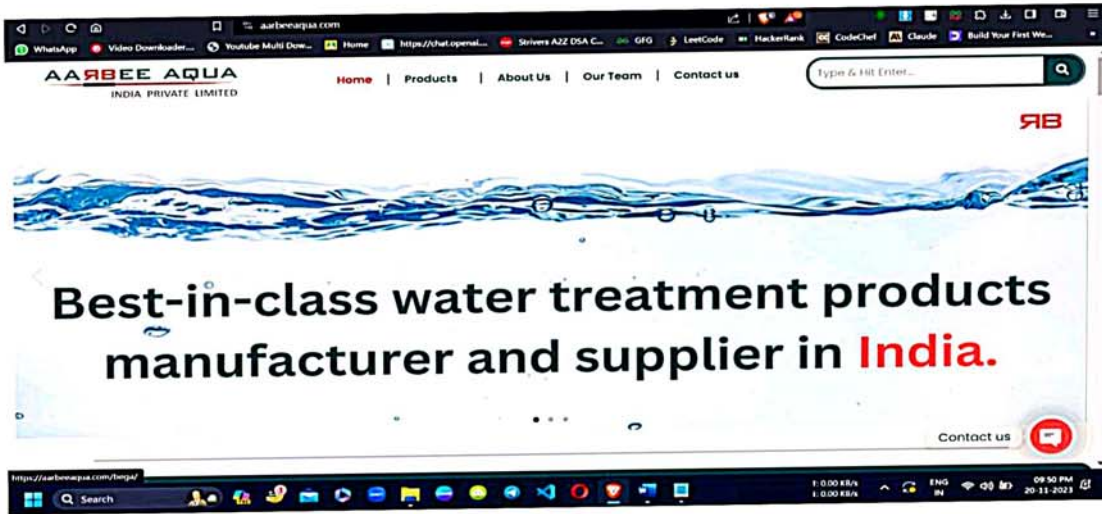


Fig 6.2. Aarbee Aqua website homepage

Checkout and payment processes were configured for a seamless purchasing experience. SEO strategies drove discoverability and traffic.

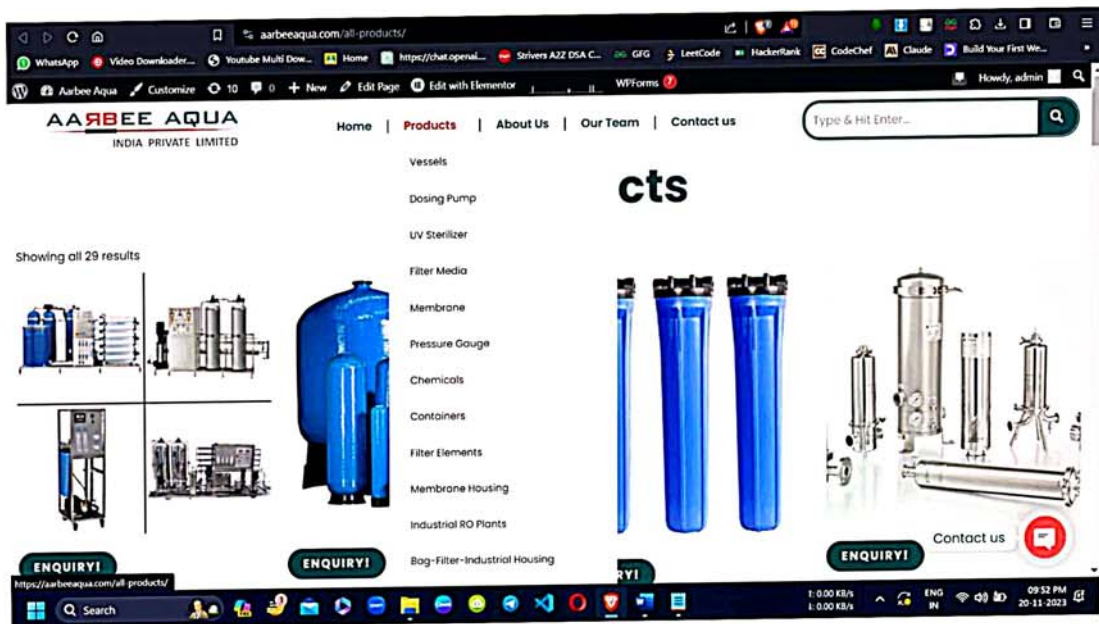


Fig 6.3. Product category page

The inventory management and ecommerce systems were integrated via the WooCommerce REST API. This keeps inventory updated in real-time and synchronizes orders between the systems as shown in fig 6.4

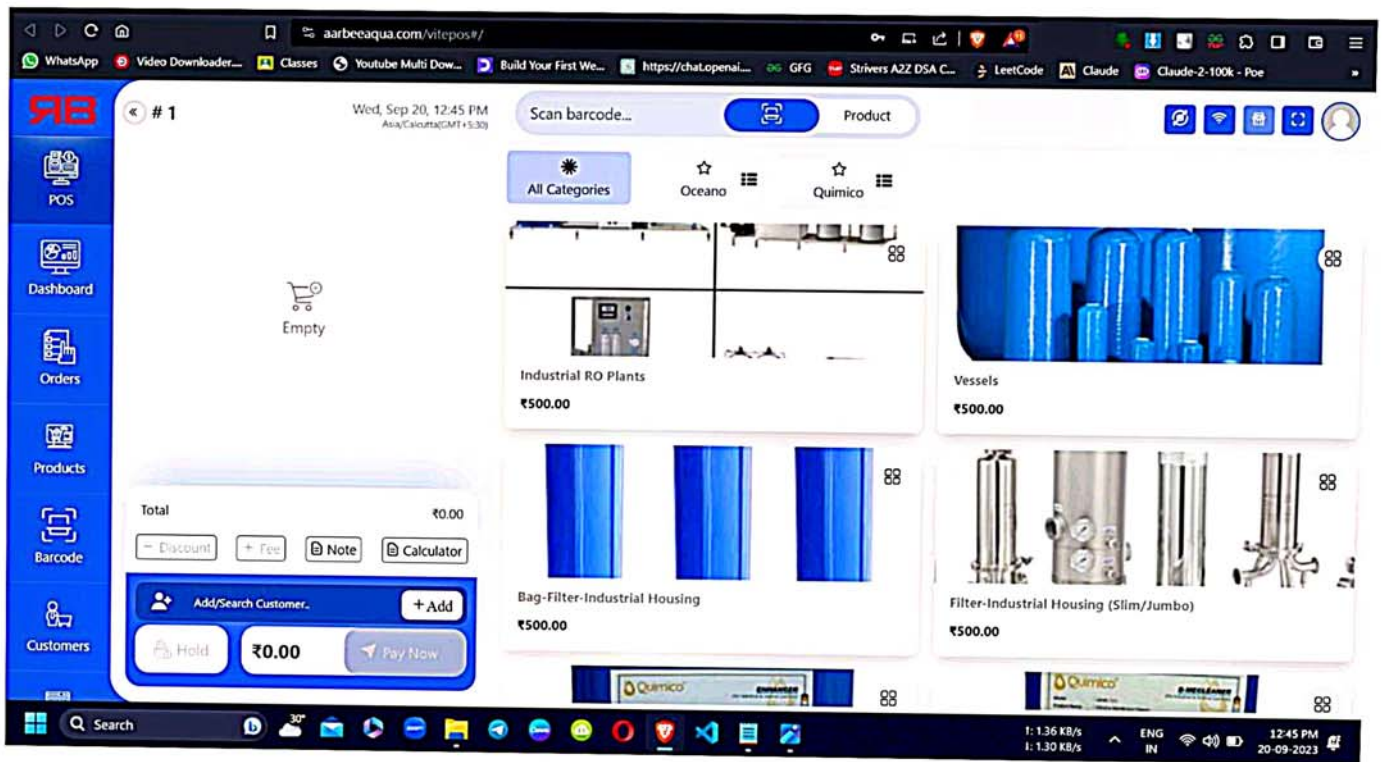


Fig 64. POS system for Offline sell

Two-way API integration linked inventory and order databases, keeping stock updated across systems. This prevented overselling, enabling order information to smoothly flow into fulfillment.

The integrated, cloud-based systems eliminated significant manual efforts while providing omnichannel commerce capabilities. With centralized inventory and order data, Aarbee Aqua is positioned for efficient operations, data-driven decisions, and continued growth.

Chapter 7

Conclusion

This project to develop an integrated inventory management and e-commerce solution for Aarbee Aqua Pvt Ltd using WordPress and WooCommerce successfully achieved the core objectives of digitizing operations and enabling omnichannel sales.

The customized inventory management system eliminated significant manual efforts and established real-time visibility and data-driven insights into stock levels, sales velocities, and turnover. Barcode scanning streamlined product tracking while role-based access strengthened user permissions.

The online store built on WooCommerce opened up new self-service sales channels for customers to browse and purchase filters and materials on-demand. Tight integration enabled synchronization of orders, inventory updates, product information, and barcodes between the backend inventory and customer-facing website.

Together these systems provided a scalable digital foundation to manage SKUs, inventory, and orders with higher productivity compared to previous paper-based records. Data accessibility and accuracy was enhanced greatly, arming the business with actionable insights to optimize inventory planning and logistics. Online order visibility improved fulfillment efficiency.

The cloud-based nature means ubiquitous access for employees and 24x7 sales channels for customers. By eliminating manual bottlenecks while adding omnichannel capabilities, Aarbee Aqua is equipped for the next stage of growth with these integrated solutions. The WordPress and WooCommerce platforms provide a cost-effective yet robust foundation that can be expanded with more products, locations, integrations, and customized extensions as the business scales.

Future Work

Additional opportunities:

- Enhanced analytics and reporting
- More payment and shipping options
- Mobile app development
- Adding product lines
- Automating fulfillment processes
- Forecasting and inventory optimization

By leveraging these integrated systems, Aarbee Aqua is well-positioned to drive growth through data-driven decisions, omnichannel sales, and streamlined operations. Continued optimization of the platforms will further boost efficiency and competitive advantage.



IXAR Robotic Solutions Pvt. Ltd.

201, Bussa Udyog Bhavan, Tokersey Jlvraj Road, Sewree (West), Mumbai-400015
Mobile : 9930652916 | E-mail : info@ixarrobotic.com | Website : http://ixarrobotic.com

CIN : U74999MH2021PTC362294 | GSTIN - 27AAGCI1833C1ZX

Certificate of Project Completion

I hereby affirm, to the best of my knowledge and belief, based on inspections, observations, testing of the project and upon reports submitted by others, that Remotely Operated Underwater Vehicle is substantially complete and operable. The project was completed in accordance with the department's issued guidelines.

PROJECT NAME

Remotely Operated Underwater Vehicle

PROJECT DESCRIPTION

A remotely operated vehicle (ROV) is a free-swimming submersible craft used to perform various inspection tasks mostly for Army based appliances.

Begin date: August 12, 2022

Completion date: April 27, 2023

PROJECT MEMBERS

Prachi Purohit
Bharat Khanvilkar
Sanskriti Talgaonkar

COLLEGE NAME

VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY, VASAI ROAD

Thank you for entrusting us with this project. We anticipate further opportunities for collaboration.

IXAR Robotic Solution Pvt. Ltd.



Doshi

(Authorized Signatory)

Project Report On
Remotely Operated Underwater Vehicle

By

Bharat Khanvilkar (19)
Prachi Purohit (32)
Sanskriti Talgaonkar (46)



Department of
Electronics & Telecommunication Engineering
Vidyavardhini's College of Engineering & Technology
University of Mumbai

2022-2023

Project Report Approval for Bachelor of Engineering

This project report entitled

REMOTELY OPERATED UNDERWATER VEHICLE

by

**Bharat Khanvilkar (19)
Prachi Purohit (32)
Sanskriti Talgaonkar (46)**

*for the award of degree of Bachelor of Engineering in
Electronics & Telecommunication Engineering*

by the University of Mumbai during the academic year 2022-2023.

Supervisor : Prof. Ms. Shraddha Gosavi (Shraddha Gosavi)

Internal Examiner : Shraddha Gosavi (Shraddha Gosavi)

External Examiner : Dr. Santoshi pote (Santoshi pote)

ARuperee

Dr. Amrita Ruperee
HOD, EXTC

Harish Vankudre

Dr. Harish Vankudre
Principal, VCET

Date: _____

Place: _____

Abstract

Remotely operated underwater vehicles, or ROVs, are small conveyances that can be habituated to explore and operate in places that are inaccessible to humans. A remotely operated underwater robot comes in sundry types and sizes according to the requisites and its applications. This project fixates on the design, construction, and testing of a small class Remotely Operated Underwater Vehicle (ROV) for inspection purposes. The project team researched and culled the components required for the ROV, taking into consideration factors such as size, weight, and durability. Market research was conducted to ascertain that the selected components were yarely available and cost-efficacious. The ROV was then constructed and tested in a controlled environment to ascertain that it functioned as intended. Conclusively, the ROV was tested in real-world conditions to evaluate its performance and felicitousness for inspection purposes. The project demonstrates the successful development of a small class ROV that meets the requirements for underwater inspections. The project revolves around small classed ROV and how to increment its overall efficiency without compromising precision and overloading. This research paper is an endeavor to distribute a coherent approach to the current quandaries commonly faced during the manufacturing of a ROV, which will withal accommodate as an avail for future research in this field.

Keywords: Remotely Operated Vehicle (ROV); Underwater inspection, Small class ROV, Underwater robotics, Marine technology

Chapter 6

Result & Discussion

The implemented system successfully operated the small class ROV and demonstrated precise control over its movement and imaging capabilities. The Raspberry Pi provided a central control unit that allowed us to easily manage and adjust all other components. The Pixhawk flight controller and ESCs provided accurate control over the speed and direction of the thrusters. The two cameras, one for live video streaming and one for photos, performed as intended and allowed us to capture real-time footage and images of the underwater environment.

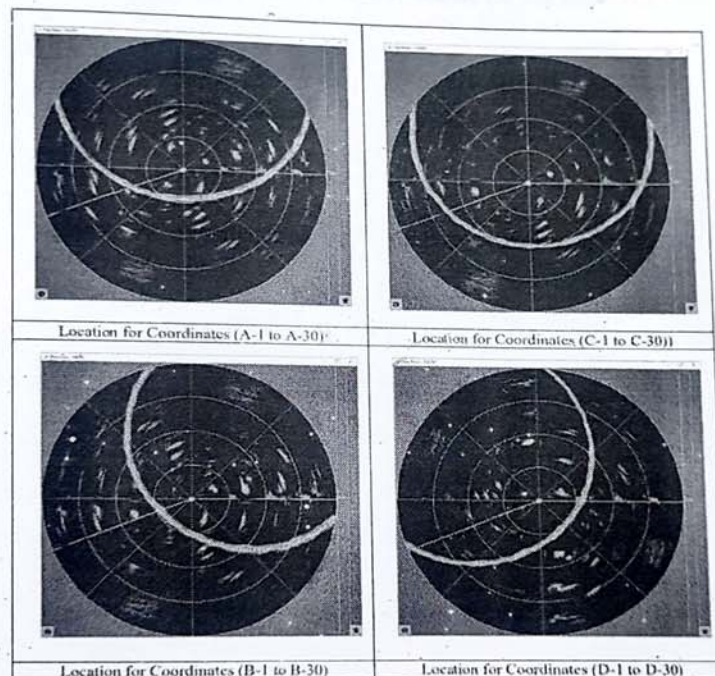


Fig. 6.1: SONAR output of the ROV

Fig. 6.1 shows the output of the sonar sensor which shows a 2D imagery of underwater obstacles. The ROV after completing final rounds of testing was ready to be used for industrial applications. After the casing was done, the vessel was used for inspection service and results were obtained respectively.

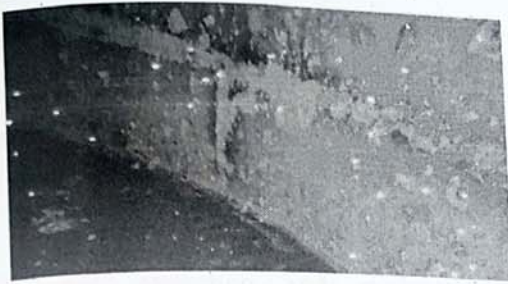


Fig. 6.2 (a)



Fig. 6.2(b)

Fig. 6.2: Tank inspection images of ROV

Fig. 6.2 shows the output of the camera underwater. The water body was a tank, through the images one can observe sediment on the bottom of the tank, insects and debris suspended in the water and mild corrosion on the walls of the tank was observed.

7.1 Future Work

The implemented system requires an efficient and accurate solution for remote controlled inspections. By utilizing computer vision with a Raspberry Pi and webcam, we were able to monitor and detect corrosion and debris in the water for future work. The project aimed to provide a cost-effective and easy-to-use solution for an ideal environment for a future inspection system, such as a self-deploying inspection, research, and exploration. The project also aims to provide a solution for the range of the system, but with the limitation of the ROV system, it may be difficult to reach depths or further away from the surface of the water. The quality of the images may also deteriorate. In addition, the system may require further improvements, such as better image transmission, better camera resolution, and better image processing. The project also aims to provide a solution for the range of the system, but with the limitation of the ROV system, it may be difficult to reach depths or further away from the surface of the water. The quality of the images may also deteriorate. In addition, the system may require further improvements, such as better image transmission, better camera resolution, and better image processing.

Chapter 7

Conclusion

Remotely Operated Vehicles (ROVs) have become a consequential tool in underwater inspection and exploration. In conclusion, the implemented system successfully demonstrated the capabilities of a small class ROV with precise control and imaging capabilities. The utilization of open-source platforms allows for easy customization and upgrades, making it a valuable tool for a range of underwater applications. We believe that our work will contribute to the field by providing a cost-effective and reliable option for underwater inspection that can be utilized in a range of industries, including oil and gas, marine research, and environmental monitoring.

7.1 Future Work

The implemented system represents an affordable and efficacious solution for remote submersed inspections. By utilizing open-source platforms such as Raspberry Pi and Arduino, we were able to minimize costs and facilely customize and upgrade the system for future needs. The precise control over the ROV's kineticism and imaging capabilities make it an ideal implement for a variety of submersed applications, such as submerged inspections, research, and exploration. One potential circumscription of the implemented system is the range of the live video streaming. As the ROV operates at more preponderant depths or farther away from the operator on the surface, the quality of the live video feed may deteriorate. To surmount this, we may need to consider utilizing more advanced video transmission technologies or developing a mechanism for the ROV to return to the surface periodically to transmit data. Further research can explore adscititious features and capabilities to enhance the system's value for submersed exploration and research.



RONICS TECHNOLOGY
IF TECHNOLOGY DEFINES

ODITRONICS TECHNOLOGY PVT LTD.
<https://oditronicstechnology.com>



2022-23
S

Date: 25th April 2023

To

Head of Department

Electronics and Telecommunication Engineering

Vidyavardhini's College of Engineering and Technology

Vasai Road (West).

Dear Sir/Ma'am,

This is to certify that **Mr. Muhammad Nomaan Barudgar, Mr. Sairaj Dhangar, Mr. Varad Marathe, and Ms. Nidhi Lad** of the Electronics and Telecommunication Engineering Department have completed the project titled, "**Semi-Integrated Solar LED Street Light**" under the guidance of Mr. Prasad Patnaik at Oditronics Technology Pvt. Ltd, Dhumal Nagar, Waliv, Vasai East, Palghar, Maharashtra, India.

For Oditronics Technology Pvt. Ltd

Authorized Signatory

ODITRONICS TECHNOLOGY PVT LTD.
Gala No.106, 1st Floor, Anila Shanti Industrial
Estate, Plot No.37/6, Dhumal Nagar,
Waliv, Vasai (East), Palghar,
Maharashtra - 401 208 INDIA

Project Report On
SEMI-INTEGRATED SOLAR LED STREET LIGHT

submitted in partial fulfillment for the requirements
of degree of Bachelor of Engineering in
Electronics & Telecommunication Engineering

Muhammad Nomaan Barudgar

Sairaj Dhangar

Nidhi Lad

Varad Marathe



Department of
Electronics & Telecommunication Engineering

Vidyavardhini's College of Engineering & Technology

University of Mumbai

2022-2023

Electronics & Telecommunication Engineering
Vidyavardhini's College of Engineering & Technology

University of Mumbai

2022-23

Project Report Approval for Bachelor of Engineering

This project report entitled

SEMI-INTEGRATED SOLAR LED STREET LIGHT

by

Muhammad Nomaan Barudgar

Sairaj Dhangar

Nidhi Lad

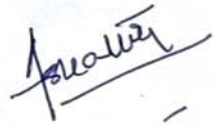
Varad Marathe

for the award of degree of Bachelor of Engineering in

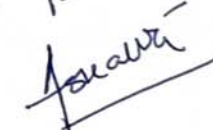
Electronics & Telecommunication Engineering

by the University of Mumbai during the academic year 2022-2023.

Supervisor : Ms. Ashwini Katkar

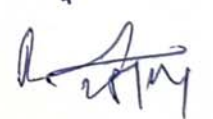
()

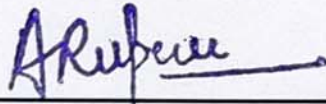
Internal Examiner : Ms. Ashwini Katkar

()

External Examiner :

DR. S. C. PATIL

()



Dr. Amrita Ruperee

HOD, EXTC



Dr. Harish Vankudre

Principal, VCET

Date: _____

Place: _____

Abstract

Content

Solar energy is one of the most significant and promising renewable sources of energy, and it has a lot of potential in street lighting systems. Solar street lights have become increasingly popular in recent years due to their many advantages over traditional street lights. An LED lamp is powered at night by a rechargeable battery that is charged by solar panels. As everyone knows, foreign nations have dominated our Indian market. It is past time for India to be self-sufficient in these items and to support the Government of India's Make in India effort. Furthermore, the items should not be harmful to the environment. Use of natural resources such as sunlight and wind are a must. So Semi-integrated solar LED street lighting is proposed. This Semi-Integrated Solar Street Lights have dusk to down sensors, has an adjustable brightness setting, is water resistant, has good energy storage and has a long battery life. The lamp technology uses solar cells to collect electrical energy from solar radiation during the day and then uses that energy to generate light at night. This makes it less expensive and easier to install. Because it is solar-powered, it may also be deployed in remote areas. This undertaking will be focused on maximizing usage and minimizing possible energy loss.

Chapter 5

Results and Discussions

Results of the proposed system consist of the schematics, LED with its controller design and overall layout view of the semi integrated solar streetlight.

5.1 Schematics of implemented system

The hardware implementation involves assembling the required components, including the microcontroller, sensors, and power supply. The sensors include a PIR, a voltage and current sensor, The various components were interfaced with the Arduino. The system works on a 12V battery and is charged through solar panels. The above Figure 5.1 shows the schematics of the system.

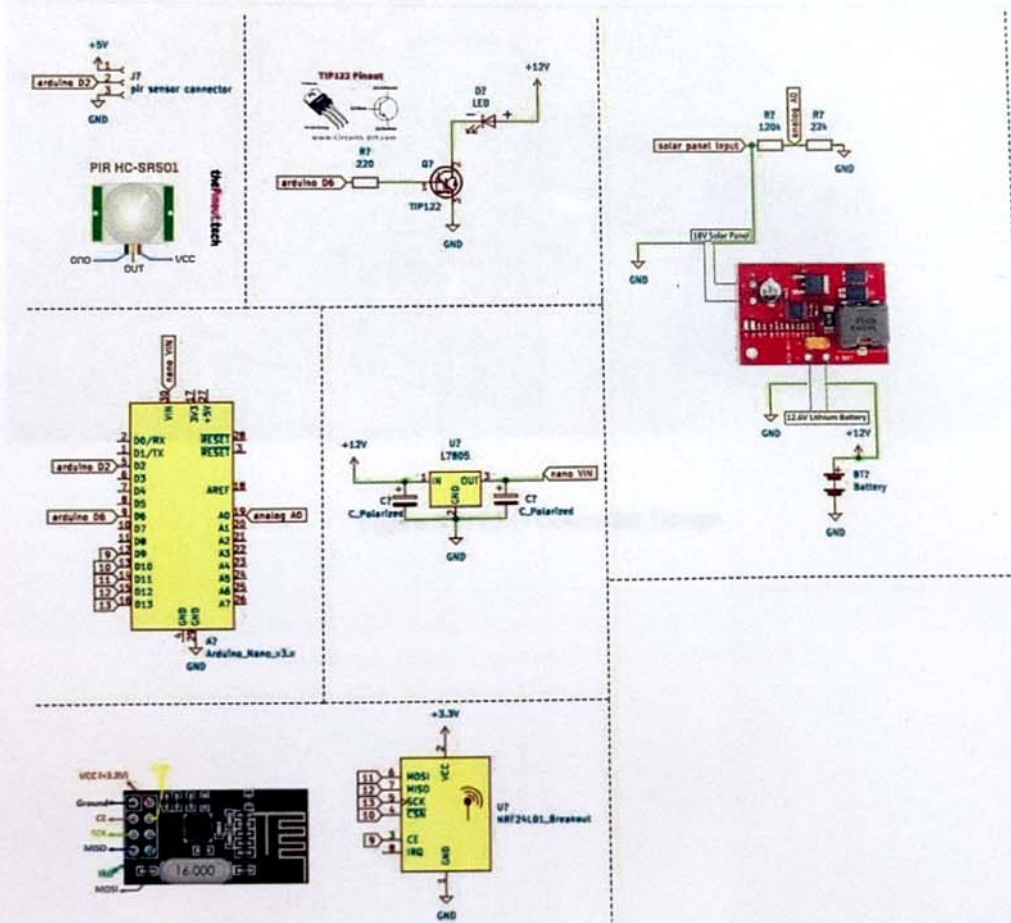


Figure 5.1: Schematics of implemented system

5.2 LED Controller Design

In Figure 5.2 PCB with all the components installed over it the PCB was first designed using Ki-CAD software and then further implemented on PCB. The MPPT controller is connected to the Arduino nano and the motion sensor is connected to the control circuit.

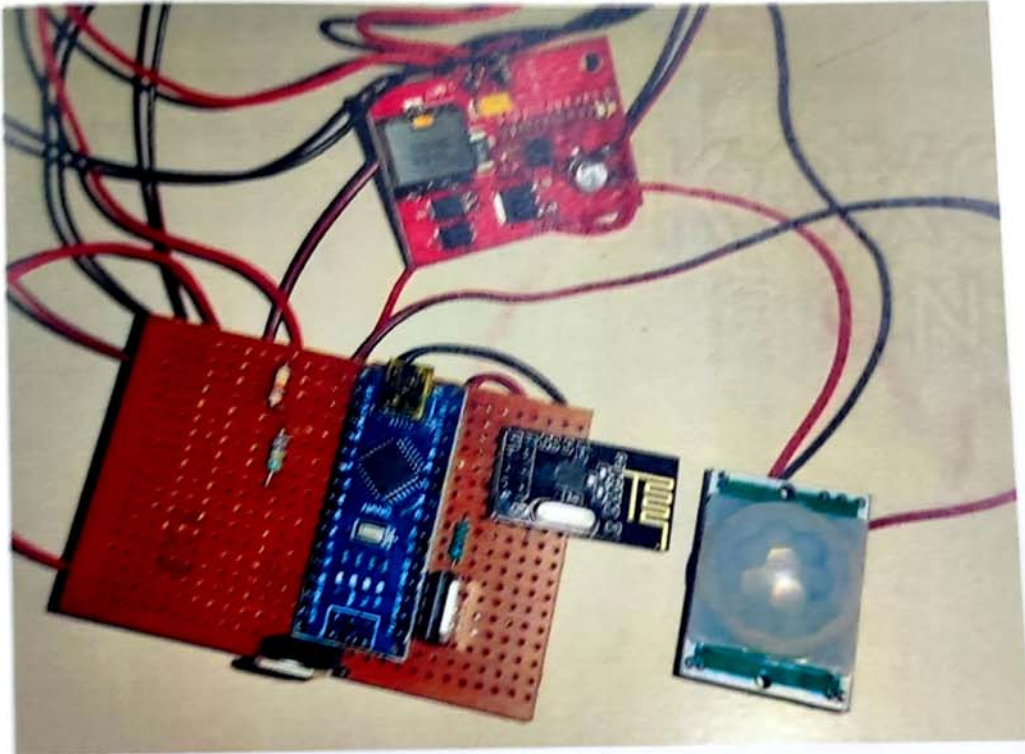


Figure 5.2: LED Controller Design

5.3 Semi-Integrated Solar LED Street Light

The Figure 5.3 A semi-integrated solar LED street light is a type of outdoor lighting system that uses solar energy to power an LED lamp. The system includes a solar panel, which captures sunlight and converts it into electrical energy, and a lithium-ion battery, which stores the energy generated by the solar panel. The LED lamp provides illumination during the night, while the controller manages the charging and discharging of the battery to ensure optimal performance and a longer lifespan. The solar panels are separate from the LED lamp, making it easier to install and maintain the system. The solar LED streetlight provides a reliable source of illumination while reducing energy consumption and costs and can improve safety and visibility on streets.



Figure 5.3: Semi-Integrated Solar LED Street Light

Chapter 6

Conclusion & Future Scope

Solar energy is one of the most significant and promising renewable sources of energy, and it has a lot of potential in street lighting systems. Solar streetlights have become increasingly popular in recent years due to their many advantages over traditional streetlights. These Solar streetlights use photovoltaic cells to convert solar energy into electrical energy, which is then stored in batteries for later use. This Semi-integrated Solar Street lights have dusk to dawn sensors, have an adjustable brightness setting, is water resistant, have good energy storage, and have a long battery life. Overall, solar streetlights are an innovative and sustainable solution for street lighting.

The future scope of semi-integrated solar streetlights is promising and is expected to grow due to several factors. Future versions of this system may have a circuit that alerts the appropriate authorities if electricity is stolen. The GSM/GPRS system can be password secured to prevent tampering by outsiders.

JANYU TECHNOLOGIES PRIVATE LIMITED

Unit 1 & 2, Dhuri Industrial Complex No.1, Madhu Vrinda Phase IV, Wallv Phata, Satiwall Road,
Vasai east - 401208, Palghar Dist. Maharashtra.

Date: 25th April 2023

To,
Dr. Harish Vankudre,
Principal,
Vidyavardhini's college of Engineering and Technology,
Vasai road.

Subject: Appreciation letter for successful implementation of "Wireless Underground
Seawage Monitoring System."

Respected sir,

We at Janyu Technology Pvt Ltd with immense pleasure appreciate the following students
of Department of Electronics and Telecommunication Engineering of Vidyavardhini's college
of Engineering and Technology, Vasai Road.

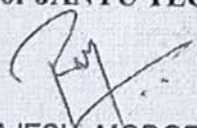
1. Chinmay Subodh Raut.
2. Ashwin Jayakumar Nair.
3. Omkar Sitaram Sadadekar

For successful implementation of the project "Wireless Underground Seawage Monitoring
System.". The project aims at providing a generalized solution to one of the most important
problem Poor sewage/drainage management. This problem can be solved by using a smart
sewage management system based on Internet of things (IoT) and sensor technology.

The main objective of this project is to build an automated system to get an alert and a
continuous monitoring of the sewage so that any plausible blockages or overflows can be
prevented.

We would like to extend our best wishes for their future and hope they succeed in their career.

For JANYU TECHNOLOGIES PVT.LTD.,


RAJESH MODGEKAR
Head of Operations



CIN No.:- U31900MH2016PTC283131

JANYU TECH

Project Report On
**WIRELESS UNDERGROUND SEWAGE MONITORING
SYSTEM**

By

**ASHWIN NAIR(26)
CHINMAY RAUT(34)
OMKAR SADADEKAR(37)**



**Department of
Electronics & Telecommunication Engineering
Vidyavardhini's College of Engineering & Technology
University of Mumbai
2022-23**

Project Report Approval for Bachelor of Engineering

This project report entitled

WIRELESS UNDERGROUND SEWAGE MONITORING SYSTEM

By


**ASHWIN NAIR(26)
CHINMAY RAUT (34)
OMKAR SADADEKAR(37)**

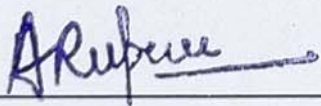
*for the award of degree of Bachelor of Engineering in
Electronics & Telecommunication Engineering*

by the University of Mumbai during the academic year 2022-2023.

Supervisor : Prof. TRUPTI SHAH ()

Internal Examiner : _____ ()

External Examiner : Archana Ingle ()



Dr. Amrita Ruperee
HOD, EXTC



Dr. Harish Vankudre
Principal, VCET

Date: _____

Place: _____

Abstract

Sewage system monitoring plays a vital role in keeping the city clean and healthy. Since manual monitoring is incompetent, this leads to slow handling of sewage and consumes more time to solve. The plan is to create a highly automated, intelligent, precise, and decision-making system will assist in identifying the development or presence of blockages in manholes and drainage systems. The system will be able to detect the flow, level, and velocity of the liquid, fluid, and/or gases passing through the drainage pipes with the aid of the non-contact sensors. Inspection of the system will be done through which will be able to foresee the emergence of blockages inside drainage pipes or manholes using the data collected by these sensors. The proposed system can determine where the exact obstruction has occurred by communicating between the chambers to pinpoint the location. The proposed system analyzes the problem and takes appropriate action based on an efficient real-time reading of the data and the prior data that will be stored in the cloud.

CHAPTER 6

RESULTS AND DISCUSSION

The system to be implemented would have a multi-integrated chamber that will collectively take the decision of declaring the status of the chambers. The status of all the neighbouring chambers will be considered, a collective decision will be made to declare the status of the chambers to be filled or not. Fig below shows the Interfacing of ultrasonic sensor with Arduino.

Fig 6.1. Interfacing of ultrasonic sensor with arduino



Ultrasonic sensor is used to detect the level of the chamber and determine the status of chamber on serial monitor. If the level of water in chamber gets closed to the sensor, then buzzer will beep, and LED will blink. Implementation (SR04 ultrasonic sensor Readings) is shown in Fig.5.2

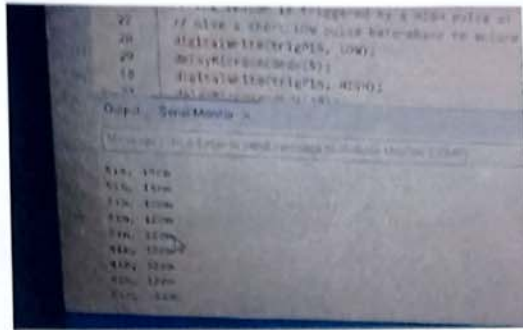


Fig 6.2. Implementation (SR04 ultrasonic sensor Readings)

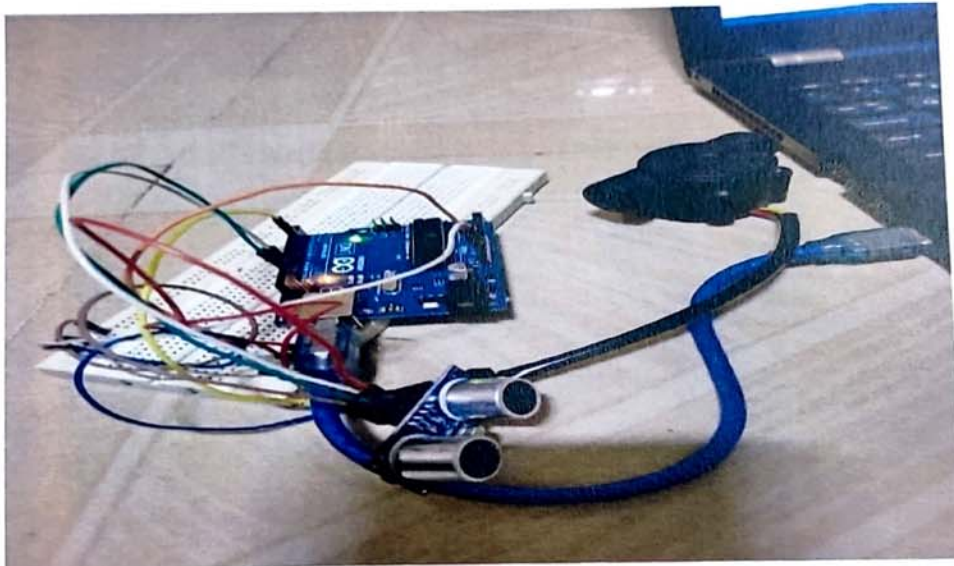


Fig 6.3. Arduino Interface with YF – S201

A Flow Sensor YF- S201 is used to determine the flow rate of liquid inside the sewage chamber. When the liquid is passed through flow sensor, the sensor produces the pulses, and the rate of these pulses is proportional to the rate of flow of liquid.

The flow rate is displayed on serial monitor. The readings can then be processed to decide whether there is blockage in chamber or not.

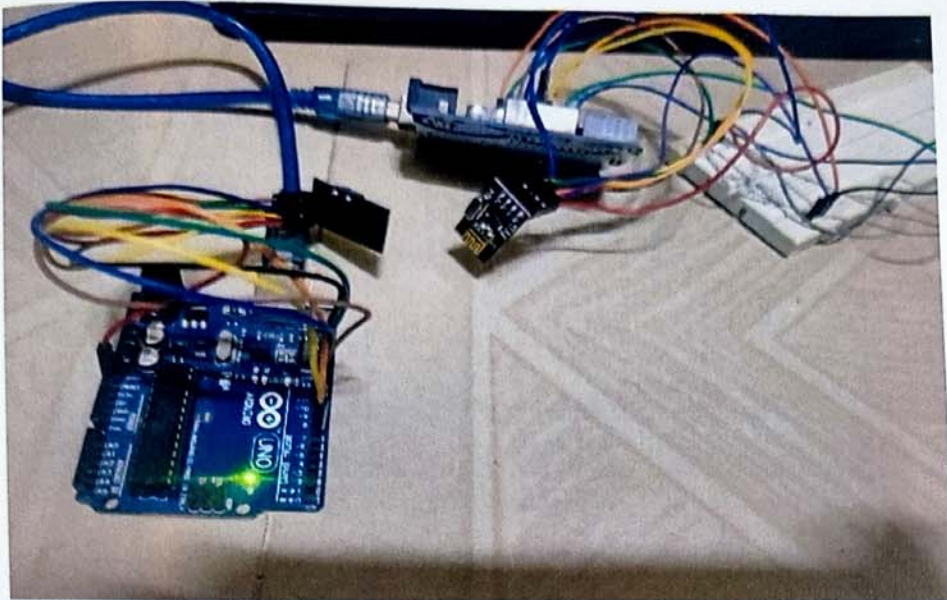


Fig 6.4. Interfacing LoRa module with Arduino

Interfacing LoRa module with Arduino is shown in Fig 5.4. The LoRa module here is interfaced with Arduino successfully. LoRa module is used to communicate with the hub to get the readings from the sensor to the hub and analyze it. The communication between LoRa modules is also tested successfully so that we can exactly get location of the blockage between the chambers. LoRa module works as a transceiver system which can take 6 inputs at once and send outputs as many modules are there in range.

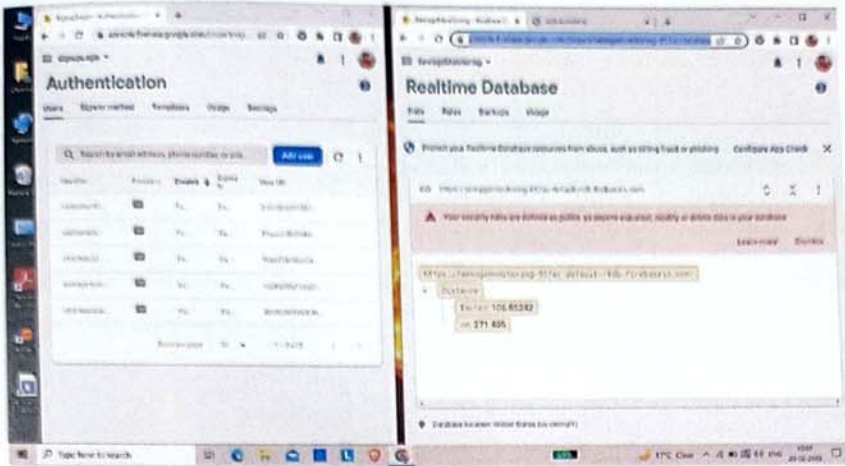


Fig 6.5 Real time data gathering from sensors.



Fig 6.6 Readings from the chambers in the App

The figures above show the readings from the chambers into the database of the system as well as in the mobile app created. As it is shown in fig. 6.5 about the real time data readings of the ultrasonic sensors as well as the flow sensors. As soon as the refresh button in the

database is clicked, new readings will be shown with the current flow rate value or the water distance from the chamber top.

The app created needs to be signed up by any new user and then he can get access to the assigned chamber readings with the associated database. Users will also be asked to create a username and password to maintain security. The readings will be shown in inches as well as in centimeters in the app.

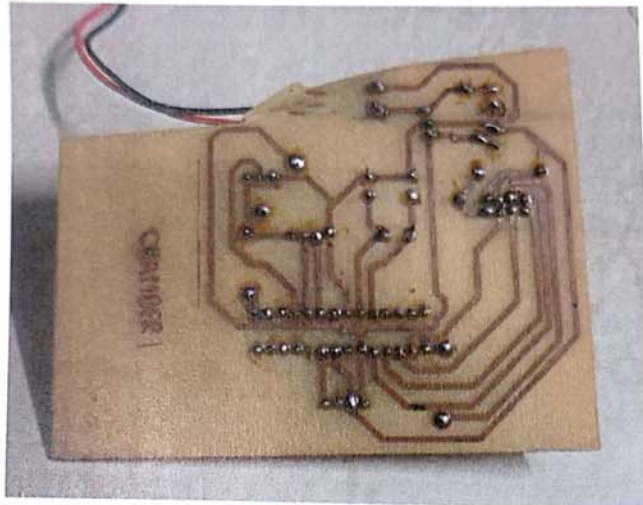


Fig 6.7 Copper cladding

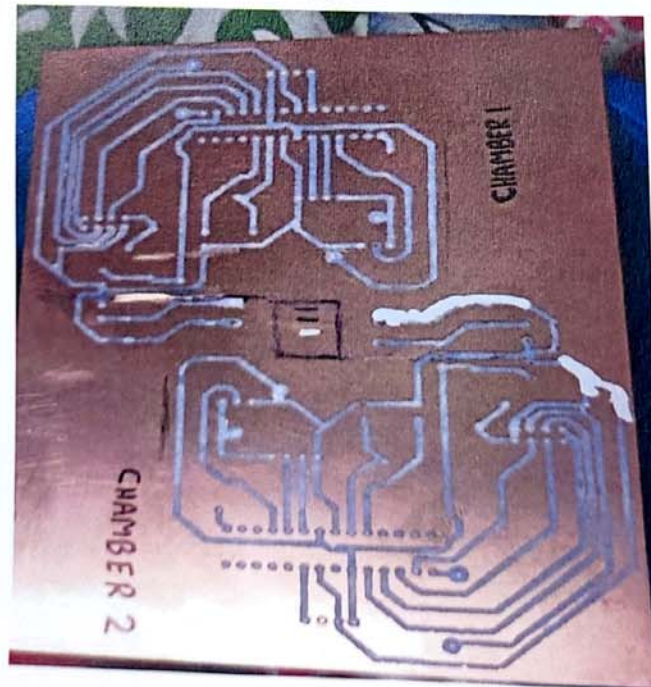


Fig 6.8 copper cladding

CHAPTER 7

CONCLUSION AND FUTURE SCOPE

Underground monitoring is a challenging problem. Manual checking has a lot of disadvantages, so as far as reducing physical labor for sewage management, the proposed system is beneficial. Data is readily collected using IoT and Arduino UNO, and the output is provided as a graph so that the existence of clog is easily noticed. This initiative's main purpose is to prevent manual scavenging. To reduce labour expenses, the suggested system is made of low-cost materials. When compared to more advanced prototypes, the expense of maintenance is modest here. Here, the mobile device with the IoT module affixed to the model can be used to detect flaws and clog and the congestion can be quickly discovered, and labor time will be reduced. Additionally, it helps to prevent pavement damage or unauthorized digging. In future, the model can also be widespread into a larger area and can be used for more chambers. Also, the communication modules can be connected with a sewage cleaning robot so it can also solve the problem immediately.



design*print*packaging*photography*sustainables

Art NEXT Private Limited

Head Office: 39-A, Sidhpura Industrial Estate, Gaiwadi Lane, S.V. Road, Goregaon West, Mumbai - 400 062.
Telephone: +91-22-49717135 | 38 | 39 | 40, E-mail: info@artnext.in | visit us @: www.artnext.in
Factory: A/463, TTC Industrial Area, Mahape, MIDC, Navi Mumbai - 400710, MH, India.
CIN:U21010MH2020PTC338548

To,

Head of Department
Electronics and Telecommunication Engineering
Vidyavardhni's College of Engineering and Technology
Vasai Road (West)

Dear Sir/Madam

This is to certify that Ms. Rashmi Mote, Mr. Omkar Naik, Mr. Manohar Kaloni and Ms. Aarti Prasad of the Electronics and Telecommunication Engineering Department have completed the project titled, "Industrial Production counter" under the guidance of our ERP Team. This production counter connected to our production machine and integrated with our ERP production software module to get live data to ERP and now we are generating various production MIS Reports easily.

For Art Next Pvt. Ltd

Authorized Signatory



Mini Project 1B Report On

**WATER SURFACE CLEANING BOAT &
INDUSTRIAL PRODUCTION COUNTER**

By

**Rashmi Mote(29)
Aarti Prasad(39)
Omkar Naik(30)
Manohar Kaloni(21)**

Subject: Mini Project – 1B

Guide: **Ms. Ekta Naik**

**Department of Electronics & Telecommunication
Engineering**



**Vidyavardhini's College of Engineering & Technology
University of Mumbai
2022-2023**

Vidyavardhini's College of Engineering & Technology
Department of Electronics & Telecommunication
Engineering

CERTIFICATE

This is to certify that the following students

Rashmi Mote (29)

Omkar Naik (30)

Aarti Prasad (39)

Manohar Kaloni (21)

have submitted project report entitled


**WATER SURFACE CLEANING BOAT &
INDUSTRIAL PRODUCTION COUNTER**


as a part of their project-work in partial fulfillment of IV semester

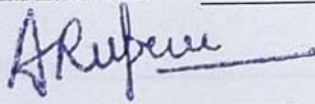
S.E. ELECTRONICS & TELECOMMUNICATION ENGINEERING

course during the academic year 2022-2023.

Internal Guide : Ms. Ekta Naik ()

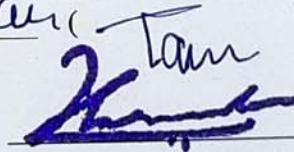
Internal Examiner : Ms. Ekta Naik ()

External Examiner : Tamir Thakur ()



Dr. Amrita Ruperee

HOD, EXTC



Dr. H. V. Vankudre

Principal, VCET

Date: _____

Place: _____

PART A
WATER SURFACE CLEANING BOAT USING ARDUINO UNO

Abstract

It is very dreadful that huge liters of excrement are being deposited into the rivers across our country. Pollutants and poisons contribute to the accumulation of toxicants in water, hurting aquatic life. The government's plan of action is initiated only when the trash floating above the water bodies becomes persistent, and unfortunately, by that time, the life cycle in that water body has broken. This research focuses on providing a remedy for the unfavorable impacts of floating refuse and thereby reduces pollution produced by unsettled wastes such as plastics and plant weeds. The project's goal is to create a garbage collection boat that will explore the water body and eliminate floating waste. This is done by employing a conveyor belt connected to the front line of the boat.

CHAPTER 6

RESULT AND DISCUSSION

Surface cleaning boats for rivers have proven to be highly effective in eliminating different types of pollutants like plastic waste, debris, and other contaminants from the water. These boats play a significant role in maintaining the cleanliness and health of the river, preventing water pollution, and preserving the natural habitats of aquatic creatures. According to studies, using surface cleaning boats for rivers can noticeably reduce the number of pollutants present in water, leading to an overall improvement in water quality. Furthermore, by getting rid of debris and other pollutants, these boats can prevent blockages and flooding in the river, minimizing the risk of damage to infrastructure and property. Additionally, the use of these boats can raise awareness about the significance of keeping water bodies clean, promoting environmental sustainability and conservation.

CHAPTER 7

CONCLUSION AND FUTURE SCOPE

Water surface cleaning boats have demonstrated significant potential in enhancing the water quality of diverse water bodies. They have been successful in eliminating different pollutants, including oil spills, plastics, debris, and other contaminants from water surfaces, thus exhibiting favorable results. Moreover, these boats have been found to be effective in preventing the propagation of dangerous algae blooms and other waterborne diseases. Nevertheless, the efficiency of water surface cleaning boats may be restricted by specific factors, such as strong currents or waves, which could impede the collection of pollutants. Furthermore, the effectiveness of the boat could rely on the type of pollutants present in the water, with some pollutants being more challenging to eliminate than others. Despite these constraints, water surface cleaning boats have been acknowledged as a valuable instrument in preserving and improving the health of water bodies.

Now day by day the world is facing the biggest problem of floating garbage. And it's increasing in tremendous amounts so it's very difficult to wash all this floating garbage due to more requirement of manpower. so, in future this remote operated floating river cleaning machine has more scope to remove large capacity of garbage automatically as fast as possible. And by making modifications during this machine, this is used for automatically removing the garbage from beaches also.

PART B
INDUSTRIAL PRODUCTION COUNTER USING RASPBERRY PI

Abstract

This project aims to develop a system for accurately counting the number of products passing through an infrared (IR) sensor and displaying the count on a web server. The system is designed using Raspberry Pi Pico W, a microcontroller that enables wireless communication with the web server. We have created webserver using web sockets to publish the production count data on web browser to see live on local area network connected devices like desktop laptop & mobile etc. For the demonstration we are using a mobile hotspot to create a local area network. If we have public static IP address, then we can easily give access to publicly by forwarding ports in router or firewall device. We also captured Mac addresses of connected devices so that we can whitelist selected devices allowed to see counter data.

CHAPTER 6

RESULT & DISCUSSION

The system was successfully implemented using a Raspberry Pi Pico board, IR sensor, and a web server. The system was tested by placing the IR sensor near a conveyor belt, and products were allowed to pass through the sensor. The IR sensor accurately detected the products, and the system displayed the count on the web server in real-time. The system was able to handle a high volume of products passing through the IR sensor and displayed the count accurately.

The results demonstrate that the use of Raspberry Pi Pico and IR sensor can provide an effective and efficient solution for product counting. The accuracy of the system can be improved by using multiple IR sensors, calibration of the IR sensors, and the use of machine learning algorithms. The web server provides real-time access to the count of products, which can be useful in production planning, quality control, and inventory management. The system can be further enhanced by integrating it with other systems such as barcode scanners, weigh scales, and automation systems to provide a complete solution for production management.

CHAPTER 7

CONCLUSION & FUTURE SCOPE

The project successfully implemented a system that counts the number of products passing through an IR sensor and displays the count on a web server using a Raspberry Pi Pico W board. The system provides an efficient and accurate solution for product counting, which can be beneficial for various industries where product counting is essential. The system developed in this project can be a useful tool for industries to improve their production management process. The system can be further enhanced by incorporating additional measures to improve its accuracy and reliability.

The system can be scaled up by integrating multiple IR sensors to cover a larger area and detect more products. This can be useful in industrial settings where many products need to be counted. The system can be integrated with the production line to automatically start and stop counting based on the movement of products. This can help in improving the efficiency of the production process and reducing manual intervention.



Vidyavardhini's College of Engineering and Technology, Vasai(West)
Department of Electronics and Telecommunication Engineering
Academic Year 2022-23

Year/Sem: TE/Sem VI

Sub: CCN (Course Project)

Staff Incharge: Mrs Ashwini Katka

Group No.	Roll No	Name of the student	Project Title
1	21	Ankit Mestry	Traffic congestion using Cisco packet tracer
	22	Sahil Mhapadi	
	23	Shashank Mishra	
	53	Kishan Kumar Yadav	
2	64	Vedant kachhadiya	Implementation of Slotted Aloha using CISCO Packet Tracer
	60	Rohit Arnalkar	
	67	Varad patil	
	33	Onkar Rane	
3	16	Nikhil Kargatia	Iot based smart Home
	2	Aditi Bhat	
	44	Dhanashree Tandel	
	22	Shikhar Mehta	
4	4	Mrudula Bidvi	Subnetting using Cisco packet tracer
	6	Shreya Darde	
	8	Riddhi Garudkar	
5	29	Mayank Patil	Dijkshra's Routing Algorithm
	28	Manthan Patil	
	19	Shraddha Kobnak	
	40	Suraj Shelar	
6	37	Sarvesh Sant	NAT
	39	Kimaya Shejwalkar	
	34	Shrushti Rane	
	10	Vaidehi Gohil	
7	18	Ishika Prasad Kalpana Kini	Implementation on ARP protocol
	70	Shubhangi Surwase	
	58	Atish Rakte	
	38	Jayesh Sawant	
8	5	Saurabh Chavan	Implementation On RIP Protocol
	11	Aastha Gulhane	
	49	Priya Vadera	
	57	Hetsi Parmar	
9	3	Chinmay Bhoir	OSPF
	7	Sumant Ganiga	
	9	Deven Gharat	
	15	Yash Joshi	
10	1	Yash Aher	Implementation on OSPF Protocol
	35	Smit Rane	
	36	Tuhin Saha	
	54	Ninad Yadav	
11	24	Vaibhav Mishra	Home Automation System
	26	Ankit Pandey	
	65	Neha Kini	
	71	Lakitaa Vangari	
12	43	Pinanshu Surve	Cloud Network
	45	Sourabh Teli	

12	46	Chandan Thakur	Cloud-Network
	47	Preet Thakur	
13	12	Nilesh Jangid	Configuring VPN Using Cisco
	13	Shubham Jha	
	17	Soham Kavathkar	
14	14	Omkar Joshi	Smart security system
15	56	Achintya Nagar	IOT SERVER BASED INTRUDER DETECTION WITH SIREN AND CCTV
	59	Sankalp Chavan	
	63	Mihir Hakani	
	69	Shruti Sawant	
16	30	PRADNYESH PATIL	IMPLEMENTATION OF BORDER GATEWAY PROTOCOL
	31	VIJAY PATIL	
	32	PRATHAMESH PETHE	
	51	SOURABH WADE	
17	61	Manali Bhadange	Subnetting of IP using Cisco Packet Tracer
	62	Ritik Bhatre	
	66	Vinayak Medar	
	68	Himani Sakpal	



A. Ruperec

Dr. Antria Ruperec
(HoD, EXT C)

HEAD
Dept. of Electronics and
Telecommunication Engg.
Vidyavrabh's College of
Engineering & Technology
Vasai Road - 401 206



Vidyavardhini's College of Engineering and Technology, Vasai(West)
Department of Electronics and Telecommunication Engineering
Academic Year 2022-23

Year/Sem: SE/IV

Sub: Microcontroller

Staff Incharge: Shaista khanam Shaista khanam

Group No.	Roll No	Name of the student	Project Title
1	66	Rithik Gharat	Buzzer on and off
	70	Devanshu Manchekar	
	74	Mandar Sarwade	
	72	Sarthak parkhe	
2	63	Sankalp Chaudhari	LED Delay Timer
	61	Hemant Bhor	
	65	Jaydeep Ghag	
	68	Rajdip Khedekar	
3	3	Bavana Bhaskaran	Led chaser
	11	Vinay Gawai	
	17	Amarnath Jaiswar	
	18	Hemant Jena	
4	4	Soham birwadkar	square wave generator using switch
	9	Om Edwankar	
	15	Mitali jain	
	16	nidhi jain	
5	1	Shubham Baikar	Calculator
	2	Khushi Benbanshi	
	20	Rohit Kale	
6	52	Mayur Tawde	Distance Measurement using Ultrasonic Sensor and 8051 Microcontroller.
	53	Rhea Titre	
	56	Aman Vishwakarma	
	59	Adarsh yadav	
7	48	Omkar Shelke	Square Wave representation of LED using Switch
	50	Harsh Shimpi	
	57	Kaushal Wadekar	
	58	Nikunj Wadke	
8	42	Harsh Raut	Traffic Light
	45	Mahek Shaikh	
	46	Dhruv Sharma	
	49	Devisha shetty	
9	6	Sachin Choudhary	LED chaser
	12	Sahil Gorivale	
	13	Mihir Gosavi	
	19	Pranali kale	
10	22	Likhit Kumar Khandelwal	Calculator
	27	Atharva More	
	31	Navya Nair	
	32`	Varun Parab	
11	35	Sneha Patil	traffic light
	24	Aryan Kore	
	36	Uday Patil	
	37	Dipak Pawar	
12	25	Prasanna Lahoti	Traffic light using LCD
	28	Sakshi More	
	38	Shreya Phondke	
	40	Ayan Qureshi	
13	21	Manohar Kaloni	Square wave generator using switch
	30	Omkar Naik	
	29	Rashmi Mote	
	39	Aarti Prasad	
14	23	AYUSH KILPADY	Rectangular and triangular wave generation using switch
	34	RICHAKUMARI PATEL	

14	33	AJAY PATEL	rectangular and triangular wave generation using switch
15	51	Ashutosh Singh	Sequential LED blinking
	43	Aviraj Rewale	
	41	Piyush Pareek	
	55	Omkar Vaity	
16	71	Tejas Palkade	Interfacing Buzzer
	73	Baljeet Verma	
	69	Kiran Patil	
	62	Riddhesh Chaudhari	
17	44	Vishal Sahani	LCD interfacing
	54	Vishal Tiwari	
	47	Siddhi Sharma	
	60	Rishi Yadav	
18	5	Bhavesh chaturvedi	Square wave generation using switch
	7	Nitish Devadiga	
	8	Abhay Dubey	
	14	Rahul Gupta	



A. Rupere

Dr. Amrta Rupere

(HoD, EXTC)

HEAD

Dept. of Electronics and
Telecommunication Engg.,
Vidyanandini's College of
Engineering & Technology,
Vasai Road - 401 208



Vidyavardhini's College of Engineering and Technology, Vasai(West)
Department of Electronics and Telecommunication Engineering
Academic Year 2022-23

Year/Sem: BE/Sem VIII

Sub: Optical Communication Networks

Staff Incharge: Ashwini Katkar

Group No.	Roll No	Name of the student	Project Title
1	4	Mitali Bose	Free Soace Optics using Optisystem
	8	Samridhhi Dubey	
2	35	Kushal Raut	WDM-PON System using Optisystem
	42	Karan Singh	
	49	Riddhesh Vanjara	
	50	Varad Vartak	
3	3	Yash barot	Ideal Multiplexer using Optisystem
	7	Harsh Dodiya	
	24	Amey Morye	
4	11	Komal Gupta	Radio over Fiber using Optisystem
	2	Shubham Bari	
	17	Aniruddha Kamble	
	44	Jay Solanki	
5	16	Smit Kalathiya	OTDR for vibration sensing using Optisystem
	36	Siddhi Raut	
	47	Yash Thakkar	
	41	Alokkumar Singh	
6	57	Nilesh Chauhan	Design and simulation of Inter satellite communication link using Optisystem
	59	Abhishek Gupta	
	60	Chandan Gupta	
	61	Durgesh Jadhav	
7	53	Varad Marathe	Optical Add Drop Multiplex (OADM) Using Optisystem Software
	57	Nomaan Barudgar	
	65	Nidhi Lad	
	58	Dhangar Sairaj	
8	56	Nilesh Chauhan	Design and simulation of Intersatellite communication link using Optisystem
	59	Abhishek Gupta	
	60	Chandankumar Gupta	
	61	Durgesh Jadhav	
9	18	Shivani Kamble	Comparative Analysis of Q-factors of RZ and NRZsignals using BER Analyzer
	22	Shruti Kuvekar	
	23	Jayshree Mhatre	
	28	Sitanshu Pandey	
10	6	Rohit Chavan	Design WDM system using optisystem
	67	Aniruddha Mane	
	62	Janhavi Jadyar	
	33	Nikhil Rane	
11	69	Aditya Nilesh Patil	Design and simulation of QAM using optisystem
	70	Mandar Payare	
	29	Nalanda Patil	
	38	Lavesh Salaskar	
12	18	Shivani Kamble	BER Analyser
	21	Shruti Kuvekar	
	23	Jayshree Mhatre	
	28	Sitanshu pandey	
13	22	Sameer Lokhande	Dense wavelength division multiplexing using optisystem
	10	Archit Gharat	
	27	Jayesh Nakashe	
	30	Vivek Patil	
14	46	Sanskruiti Talgaonkar	Optical Frequency Division Multiplexing using Optisystem
	32	Prachi Purohit	
	19	Bharat Khanvilkar	

15	55	Hrshikesh Bhandari	CWDM system using Optisystem
	64	Yash Kharat	
	63	Kadambari Kamble	
16	48	Vishal Vaishnav	Modified Duobinary Return-To-Zero Modulation
	40	Ankit Shetty	
	71	Sumukh Tiwarekar	
	66	Shreya Malewade	
17	64	Yash Kharat	Optical Isolator Using Optisystem
	55	Hrshikesh Bhandari	
	63	Kadambari Kamble	
	53	Priyanka Ambekar	



A. Rupere
 Dr. Antria Rupere
 (HoD, EXTC)
 HEAD
 Dept. of Electronics and
 Telecommunication Engg.,
 Vidyavardhini's College of
 Engineering & Technology,
 Vashi Road - 401306



VidyaVardhini's College of Engineering and Technology, Vasai(West)
Department of Electronics and Telecommunication Engineering
Academic Year 2022-23

Year/Sem:SE/IV

Sub: Skill Lab

group no.	Roll No	Name of the student	Project Title
1	15	Mitali Jain	Snake Game
	16	Nidhi Jain	
	4	Soham Birwadkar	
	9	Om Edwankar	
2	33	Ajay patel	movie recommendation system
	23	Ayush Kilpady	
	34	Richakumari Patel	
3	3	Bavana Bhaskaran	Face Recognition
	11	Vinay Gawai	
	17	Amarnath Jaiswar	
	18	Hemant Jena	
4	41	Piyush Pareek	tic tac toe game
	43	Aviraj Rewale	
	55	Omkar Vaity	
	59	Adarsh Yadav	
5	6	Sachin choudhary	A.I Chat BOT
	12	Sahil Gorivale	
	13	Mihir Gosavi	
	19	Pranali kale	
6	44	Vishal Sahani	movie recommendation system
	47	Siddhi Sharma	
	54	Vishal Tiwari	
	60	Rishi Yadav	
7	48	Omkar Shelke	website blocker
	50	Harsh Shimpi	
	57	Kaushal Wadekar	
	58	Nikunj Wadke	
8	1	Shubham Baikar	QR Code Generator
	2	Khushi Benbanshi	
	20	Rohit kale	
9	25	Aryan kore	Image Object Detection
	28	sakshi more	
	38	shreya phondke	
	40	Ayan Qureshi	
10	21	Manohar kaloni	Sentiment Analysis
	29	Rashmi mote	
	30	Omkar naik	
	39	Aarti Prasad	
11	22	Likhith Khandelwal	Image Captioning
	27	Atharva more	
	31	Navya nair	
	32	Varun Parab	
12	24	Aryan Kore	Puzzle Game
	35	Sneha Patil	
	36	Uday Patil	
	37	Dipak Pawar	
13	51	Ashutosh Singh	tic tac toe game
	52	Mayur Tawde	
	53	Rhea Titre	
	56	Aman Vishwakarma	
	5	Bhavesh Chaturvedi	

14	7	Nitish Devadiga	Quiz game
	8	Abhay Dubey	
	14	Rahul Gupta	
15	61	Hemant Bhor	Dice rolling simulator
	63	Sankalp Chaudhari	
	65	Jaydeep Ghag	
	68	Rajdip Khedekar	
16	69	Kiran Patil	Voice assistant
	71	Tejas Palkade	
	73	Baljeet Varma	
17	42	Harsh Raut	Gold price prediction using machine learning
	45	Mahek Shaikh	
	46	Dhruv Sharma	
	49	Devisha shetty	



A. Rupere
 Dr. Amtria Rupere
 (HoD, EXTC)
 HEAD
 Dept. of Electronics and
 Telecommunication Engg.,
 Vidyavardhini's College of
 Engineering & Technology,
 Vashi Road - 401 306



Vidyavardhini's College of Engineering and Technology, Vasai(West)
Department of Electronics and Telecommunication Engineering

Academic Year 2022-23

Sub :- Mini Project 1B

Year/Sem: SE/IV

Staff Incharge: Ms.Trupti Shah

Group No	Roll Number	Name of Students	Arduino	Raspberry Pi
1	1	Shubham baikar	Universal Remote	Temperature Data Logger
	5	Bhavesh chaturvedi		
	6	Sachin choudhary		
	8	Abhay dubey		
2	2	Khushi Benbanshi	Interfacing RFID Reader	Garbage sorting machine
	7	Nitish Devadiga		
	12	Sahil Gorivale		
	17	Mitali jain		
3	3	Bavana Bhaskaran	Stick for Blind	Wi-fi Extender
	9	Om Edwankar		
	13	Mihir Gosavi		
	18	Hemant Jena		
4	4	Soham Birwadkar	Key Less Lock	Object Detection
	10	Vaibhav Gaikwad		
	11	Vinay Gawai		
	17	Amarnath Jaiswar		
5	14	Rahul Gupta	Smart Kitchen Garden	Digital Oscilloscope
	19	Pranali Kale		
	28	Atharva More		
	35	Sneha Patil		
6	26	Dhruv mishra	Floor cleaning bot	Automated door opening system using RFID
	28	Sakshi More		
	33	Ajay patel		
	49	Devisha shetty		
7	31	Navya Nair	Text transmission using Lifi	Automatic Plant watering
	37	Dipak Pawar		
	41	Piyush Pareek		
	44	Vishal Sahani		
8	32	Varun Parab	Cardiac monitoring system using arduino and Bluetooth	Water level indicator
	36	Uday Patil		
	43	Aviraj Rewale		
	54	Vishal Tiwari		
9	20	Rohit Kale	Water flow rate and Volume Measurement	Weather monitoring system
	38	Shreya Phondke		
	56	Aman Vishwakarma		
	73	Devanshu		
10	45	Mahek Shaikh	RFID door lock	Fire fighting robot
	46	Dhruv Sharma		
	70	Kiran patil		
	61	Tejas palkade		
11	16	Nidhi Jain	Home automation (Prototype)	Door security system
	42	Harsh Raut		
	63	Ritik Gharat		

12	51	Ashutosh Singh	Color sorting machine	speaking medication reminder
	59	Adarsh Yadav		
	60	Rishi Yadav		
	68	Hemant Bhor		
13	47	Siddhi Sharma	Automatic irrigation system	IoT car parking system
	55	Omkar Vaity		
	69	Sankalp Chaudhari		
	74	Mandar Sarwade		
14	40	Ayan Qureshi	Voice Controlled Home Automation	Line Following robot
	52	Mayur Tawde		
	65	Riddhesh Chaudhari		
	66	Jaydeep Ghag		
15	23	Ayush Kilpady	Air pollution detection using Arduino	Garbage Monitoring System
	24	Aryan Kore		
	67	Rajdip Khedekar		
	73	Sarthak Parkhe		
16	25	prasanna Lahoti	Drowsiness Detection Using Arduino	Pixel Chaser Game Using Raspberry Pi Pico
	53	Rhea Titre		
	64	Mihir Gayakwad		
17	34	Richa Patel	IOT based Noise Detection using automatic recording system	Human Following Robot
	58	Nikunj Wadke		
	62	Baljeet Verma		
18	21	Manohar Kaloni	River cleaning bot	Industrial Production Counter
	29	Rashmi Mote		
	30	Omkar Naik		
	39	Aarti Prasad		
19	22	Likhith Khandelwal	Water cleaning Bot (GPS based)	Sun Tracking Solar Panel
	48	Omkar Shelke		
	50	Harsh Shimpi		
	57	Kaushal Wadekar		



A. Rupere
Dr. Amrita Rupere

(HoD, EXTC)

HEAD

Dept. of Electronics and
Telecommunication Engg.,
Vidyapeeth's College of
Engineering & Technology,
Vashi Road, Navi Mumbai



Vidyavardhini's College of Engineering and Technology, Vasai(West)
Department of Electronics and Telecommunication Engineering

Academic Year 2022-23

Year/Sem: TE/V

Sub:- Mini Project 2A

Staff Incharge: Ms.Shraddha Gosavi

Group Number	Roll No	Name	Project Tittle
1	16	Shikhar Mehta	Creating a web server
	53	Shubham Jha	
	14	Soham Kavathkar	
	52	Nilesh Jangid	
2	55	Manthan Patil	Safety wearables for mine workers
	24	Mayank Patil	
	64	Saurabh Wade	
	48	Manali Bhadange	
3	5	Shreya Prakash Darde	Women Safety Security System
	6	Sumant Shankar Ganiga	
	15	Shraddha Santosh Kobnak	
	25	Prathamesh Shankar Pethe	
4	40	Suraj Shelar	Vehicle Accident Tracking System
	47	Preet Thakur	
	22	Sahil Mhapadi	
	69	Struti Sawant	
5	20	Vaibhav Mishra	Chikoo Cutter
	22	Ankit Pandey	
	42	Lakitaa Vangari	
	61	Dhanashree Tandel	
6	1	Yash Aher	Health Monitoring using IOT
	8	Riddhi Garudkar	
	14	Omkar Joshi	
	49	Priya Vadera	
7	10	Aastha Gulhane	Smart Energy Meter
	33	Pinanshu Surve	
	36	Chandan Thakur	
	67	Achintya Nagar	
8	2	Chinmay Bhoir	Home Automation Using Sensors
	8	Deven Gharat	
	12	Yash Joshi	
	34	Sourabh Teli	
9	1	Aditi Bhat	Sapodilla cutter
	9	Vaidehi Gohil	
	13	Nikhil Kargatia	
	28	Sarvesh Sant	
10	3	Mrudula Bidvi	Dynamic Traffic Control System
	4	Saurabh Chavan	
	32	Pawan Singh	
	40	Hetsi Parmar	
11	47	Himani Sakpal	Fire Alert System
	49	Neha Kini	
	56	Pradnyesh Patil	
	57	Vijay Patil	
12	31	Shubham Shukla	Tiva C music player
	38	Akshat Waghmare	
	17	Ankit mestry	

	41	Sankalp Chavan	
13	19	Shashank Mishra	Intensity Control
	63	Rohan Vishwakarma	
	39	Kishan Kumar Yadav	
	54	Ishika Prasad Kini	
14	29	Kimaya Shejwalkar	Sound Watch
	27	Shrushti Rane	
	50	Shubhangi Surwase	
15	71	Vedant Kachhadiya	Pond Cleaning Robot
	69	Rohit Arnalkar	
	70	Varad Patil	
	.		
16	21	Raj Pal	Smart Shoe
	26	Omkar Rane	
	23	Siddhesh Parab	
	62	Tapan Thorat	
17	58	Smit Rane	Android Fingerprint Door Lock Control
	59	Tuhin Saha	
	65	Ninad Yadav	
	68	Atish rakte	
18	44	Vinayak Medar	Password based load Controlled
	46	Ritik Milind Bhatre	
	43	Mihir Hakani	
	60	Jayesh sawant	



A. Rupere

Dr. Antria Rupere

(HoD, EXTC)

HEAD

Dept. of Electronics and
Telecommunication Engg.
Vidya-Vardhmani College of
Engineering & Technology
Vasai Road - 401 206



Vidyavardhini's College of Engineering and Technology, Vasai (West)
Department of Electronics and Telecommunication Engineering

Academic Year 2022-23

Sub:- Mini Project 2B

Year/Sem: TE/V

Staff Incharge: Ms.Shaista Khanam

Grp No.	Roll No	Group Members	Title
1	4	Mrudula Bidvi	Digital clock using CPLD
	5	Saurabh Chavan	
	3	Chinmay Bhoir	
	1	Yash Aher	
2	12	Nilesh Jangid	PWM signal generation
	7	Sumant Ganiga	
	2	Aditi Bhat	
	6	Shreya Darde	
3	8	Riddhi Garudkar	Implementation of ALU using CPLD
	11	Aastha Gulhane	
	13	Shubham Jha	
	15	Yash Joshi	
4	16	Nikhil Kargatia	N-bit Universal Shift Register
		Soham Kavathkar	
	20	Shikhar Mehta	
	11	Omkar Joshi	
5	18	Ishika Kini	FPGA based fast parallel adder
	19	Shraddha Kobnak	
	26	Ankit Pandey	
	29	Mayank Patil	
	21	Ankit Mestry	car parking using FPGA
	22	Sahil Mhapadi	
	25	Raj Pal	
	32	Prathamesh Pethe	
7	34	Shrushti Rane	FFT implemenetation on FPGA
	23	Shashank Mishra	
	28	ManthanPatil	
	36	Tuhin Saha	
8	24	Vaibhav Mishra	Carry skip adder
	27	Siddhesh parab	
	41	Shubham shukla	
	42	Pawan singh	
9	30	Pradnyesh Patil	Safe Lock using String Detector Technique(CPLD)
	31	Vijay Patil	
	45	Sourabh Teli	
	46	Chandan Thakur	
10	33	Omkar Rane	N bit Multiplier using FPGA
	35	Smit Rane	
	51	Sourabh Wade	
	52	Akshat Waghware	
11	37	Sarvesh Sant	Canny edge detection algorithm
	38	Jayesh Sawant	
	54	Ninad Yadav	
	56	Achintya Nagar	
12	40	Suraj Shelar	carry save adder
	43	Pinanshu Surve	
	58	Atish Rakte	

	59	Sankalp Chavan	
13	44	Dhanashree Tandel	8 bit subtractor
	48	Tapan Thorat	
	60	Rohit Arnalkar	
	64	Vedant Kachhadiya	
14	47	Preet Thakur	VGA Coverter using FPGA
	49	Priya Vadera	
	65	Neha Kini	
	67	Varad Patil	
15	10	Vaidehi Gohil	ultrasonic sensor ranging system
	50	Rohan	
	70	Shubhangi Surwase	
	71	Lakitaa Vangari	
16	53	Kishan yadav	Median filter
	55	Vikas yadav	
	63	Mihir Hakani	
	69	Shruti Sawant	
17	57	Hetsi Parmar	Vending Machine(CPLD)
	61	Manali Bhadange	
	62	Ritik Bhatre	
	66	Vinayak Medar	
18	9	Deven Gharat	Vine Robot
	39	kimaya shejwalkar	
	68	Himani Sapkal	



A. Ruperec
Dr. Amritia Ruperec
(HoD, EXTC)

HEAD
Dept. of Electronics and
Telecommunication Engg.,
Vidya-Vasudeva's College of
Engineering & Technology,
Vasai Road - 401 206



Vidyavardhini's College of Engineering and Technology, Vasai(West)

Department of Electronics and Telecommunication Engineering

Academic Year 2022-23

Year/Sem: BE/VII-VIII

Sub:- Project

Staff Incharge: Dr.Sunayana Jadhav

Group No.	Roll No	Name of the student	Project Title
1	38	Lavesh Bhagwan Salaskar	AI Basede online Proctoring System
	40	Ankit Pramod Shetty	
2	43	Nishant Radharaman Singh	Smart EV charging station
	15	Bhavinkumar Indermal Jain	
3	11	Abhishek Ramsurat Gupta	Smart Green house
	61	Durgesh Chandrakant Jadhav	
	12	Chandan Rajmangal Gupta	
4	35	Kushal Dipak Raut	Smart waste segregartion System
	42	Karan Nandlal Singh	
	49	Riddhesh Dipesh Vanjara	
	50	Varad Deepak Vartak	
5	70	Aditya Nilesh Patil	Custome -Build flight controller and ESC for UAV application
	71	Mandar Anil Payare	
	29	Nalanda Pandurang Patil	
6	3	Yash Manish Barot	Design & Development of Smart Saline Assitance System
	8	Harsh Nitesh Dodiya	
	27	Amey Dilip Morye	
7	24	Shreya Mahadev Malewade	Early Breast Cancer Detection Using Machine Learning/ Deep Learning
	47	Sumukh Ranjan Tiwarekar	
	48	Vishal Bhavar Vaishnav	
8	13	Komal Arvindkumar Gupta	Energy Efficient MPPT based Smart Solar Power System
	2	Shubham Jayanand Bari	
	62	Aniruddha Anil Kamble	
9	34	Chinmay Subodh Raut	Wireless Underground Sewage Monitoring System.
	68	Ashwin Jayakumar Nair	
	37	Omkar Sitaram Sadadekar	
10	41	Alokkumar Danbahadur Singh	Data storage security in cloud computing
	5	Nilesh Ramdular Chauhan	
	45	Keval Harsukhbhai Sonigara	
11	31	Arhat Bhimrao Petkar	Smart Voice Controlled Dustbin
	1	Zafar Shahid Baig	
	6	Chirag Sunil Chavan	
12	10	Archit Rajesh Gharat	Safety monitoring device using IoT for workspace and Human Resources
	23	Sameer Nitin Lokhande	
	4	Harmish Dakshesh Bhavsar	
13	18	Smit Gunvantbhai Kalathiya	Augmented Reality in Education : A smart way learning
	46	Yash Prakash Thakkar	
	36	Siddhi Vijay Raut	
14	66	Varad Rajesh Marathe	Semi integrated Solar Led Street Light
	65	Nidhi Lad	
	57	Sairaj Nitin Dhangar	
	54	Barudgar Nomaan Mohd Sabir	
15	51	Harsh Rajendraprasad Yadav	Token based user authentication Providing enhanced security
	69	Sitanshu Kailash Pandey	
	44	Jay Hitendra Solanki	
16	58	Samriddhi Dinesh Dubey	Image classification using visual-semantic Embedding
	56	Mitali Binoy Bose	

17	39	Nishant Ramsubhash Sharma	An autonomous robot for cleaning water bodies
	52	Pannelal Lalbahadur Yadav	
	59	Niraj Ashok Gupta	
18	19	Shivani Balaram Kamble	Crop health analysis using deep learning techniques
	22	Shruti Dipesh Kuvekar	
	26	Jayshree Janardan Mhatre	
19	32	Prachi Dinesh Purohit	Positively Buoyant Self stabilizing Underwater Vehicle
	72	Sanskruiti Keshav Talgaonkar	
	64	Bharat Manohar Khanvilkar	
20	28	Jayesh Sambhaji Nakashe	Fake News detection using NLP
	30	Vivek Vishnu Patil	
	33	Nikhil Prakash Rane	
21	20	Yash Gunpal Kharat	Enhancing Beam width (narrow) of Patch Antenna using meta-material
	63	Kadambari Shrikant Kamble	
	55	Hrishikesh Dayanand Bhandari	
22	67	Mukesh Selvan Nadar	Dynamic Wireless Electric vehicle charging
	73	Shravan Tawade	
	60	Prakash Gupta	
23	14	Janhavi Ramesh Jadyar	Design of reconfigurable Antenna
	7	Rohit Mangesh Chavan	
	25	Aniruddha Mane	
24	21	Mithun Pankaj Kundu	Number Plate detection using ML
	17	Mayank Lalit Joshi	
	9	Shubham Vijay Gaikar	



A. Ruperec
Dr. Amritia Ruperec
(HoD, EXTC)
HEAD
Dept. of Electronics and
Telecommunication Engg.
Vidyarthi's College of
Engineering & Technology
Vasai Road - 401 206



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY, VASAI (W)
INSTRUMENTATION ENGINEERING DEPARTMENT

INTERNSHIP DATA 2022-23

Sr No	Name of the Student	Company Name	Duration		Industry Linkage
			Start Date	End Date	
1	Chirag Bhanushali	Eduet Foundation, AICTE (Online)	12/06/2023	24/07/2023	Software
		Siemens Center of Excellence , VCET Vasai	12/12/2022	12/23/2022	PLC
		Vasudhara Dairy, Palghar	7/06/2023	17/07/2023	Dairy
2	Vishal Purushu	Shandha Die Works, Vasai	12/06/2023	4/07/2023	Mixer part dies
		Shandha Die Works, Vasai	22/12/2022	3/01/2023	Mixer part dies
3	Riya Dutta	Western Cans, Mira Road	7/06/2023	7/07/2023	Can production
		Siemens Center of Excellence , VCET Vasai	12/12/2022	12/23/2022	PLC
4	Rugved Deshpande	SR electrical enterprises, Chunarbhathi	5/06/2023	6/07/2023	PLC
5	Sharandeep Suri	Madura Industrial Textile, Andheri	1/06/2023	1/07/2023	Textile
		Siemens Center of Excellence , VCET Vasai	12/12/2022	12/23/2022	PLC
6	Rishabh Sharma	logus electrical, Vasai	1/06/2023	1/07/2023	Swiches & accessories
7	Aman Gupta	logus switches and Accessories , Vasai	1/06/2023	1/07/2023	Swiches & accessories
		Siemens Center of Excellence , VCET Vasai	12/12/2022	12/23/2022	PLC
8	Shreya Shetty	Auto cad & solid works, Graghical CAD world	4/12/2022	3/01/2023	Autocad
9	Seema Palkar	Teenimont, Malad	29/12/2022	13/01/2023	plant engineering
10	Ritik Rai	Acquaint Consultants Pvt.Ltd (Online)	12/12/2022	04/01/23	Software
11	Rishabh Sharma	logus electrical, Vasai	4/12/2022	3/01/2023	Swiches & accessories
12	Varun Vilas Tatkare	Siemens Center of Excellence , VCET Vasai	12/12/2022	12/23/2022	PLC
13	Siddhant Lokare	Siemens Center of Excellence , VCET Vasai	12/12/2022	12/23/2022	PLC
14	Shivam Patil	Siemens Center of Excellence , VCET Vasai	6/12/2023	6/23/2023	PLC

Dr. Amrita Ruperee

Dr. Amrita Ruperee

HoD, INST

edunet
foundation



Certificate of Completion

awarded to

Chirag Jitendra Bhanushali

for successfully completing 6 weeks internship using IBM SkillsBuild in

Artificial Intelligence (AI)

From June 12,2023 to July 24,2023.

This program was conducted in collaboration with **All India Council for Technical**

Education (AICTE) and Edunet Foundation

Nagesh Singh
Executive Director-
Edunet Foundation

Internship ID : INTERNSHIP_168198413964410a8b547b1
Students ID:STU6461f75eb91411684141918



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Chirag Bhanushali

**Has successfully completed 10 Days (Two Weeks) Internship on
Automation using Siemens S7 1200 PLC**

from 12th December 2022 to 23rd December 2022, Organized by Industry
Institute Interaction Cell of Vidyavardhini's College of Engineering and
Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator & Co-ordinator
Siemens COE

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai Center

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



**VALSAD DISTRICT CO-OP. MILK PRODUCERS' UNION LTD.
(VASUDHARA DAIRY)**

VASUDHARA

E-23, Tarapur Industrial Area, Boisar, Dist. & Tal. Palghar, Maharashtra - 401 608.
Phone : (02525) 278790, 278791, 281596 Fax : (02525) 271246

17th June, 2023

TO WHOMSOEVER IT MAY CONCERN

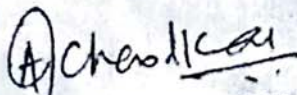
This is to certify that Mr. Chirag Jitendra Bhanushali a student of Vidyavardhini's College of Engineering & Technology, Vasai, pursuing Instrumentation Engineering (Third Year student) have successfully completed his summer Training in our organization starting from 01/06/2023 to 17/06/2023.

This summer Training is attended by him as an academic requirement.

During the above tenure of Training, we found him punctual, sincere in his duties.

We wish him all the best in his future career.

**For VALSAD DIST. CO-OP MILK PRODUCERS' UNION LTD.
(VASUDHARA DAIRY)**


**ANAND S. KHANOLKAR
(C.E.O.)**

Ref. No. : _____

Date : 21/7/2023

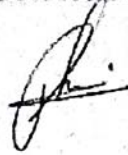
CERTIFICATE OF COMPLETION

This is to certify that **MR. VISHAL PURUSHU**, student of **VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY** has successfully completed internship program in specialization of Mixer Part's Dies from **12th June, 2023 to 04th July 2023.**

During the period of his internship program with us he had been exposed to different processes and he was found diligent and hardworking. His willingness to learn from his previous internship experience & improve upon his skills and knowledge has been commendable.

We wish him every success in his future endeavors.

Authorized Signature
For SHANDHA DIE WORKS



Proprietor

SHANDHA DIE WORKS

All type of Plastic Dies
Specialist in : Mixer Part's Dies

25, Manish Ind. Est. No. 5, Navghar, Vasai (East) - 401 210. Tel. : 5684728

Ref. No. : _____

Date : 03/01/2023


CERTIFICATE OF COMPLETION

This is to certify that **MR. VISHAL PURUSHU**, student of **VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY** has successfully completed internship program in specialization of Mixer Part's Dies from 22nd December 2022 to 3rd January 2023.

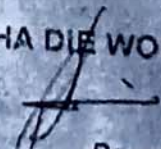
During the period of his internship program with us he had been exposed to different processes and he was found diligent and hardworking.

We wish him every success in his life and career.

Authorized Signature



For SHANDHA DIE WORKS


Proprietor

WESTERN CANS PVT. LTD.

303 3rd Floor, Express Chambers, 200, 5th Ave
Angherik, 1st Floor, Andhra, E. Mumbai, 400006
Tel: 40122 4000 1800 4000 1800 4000 1800
Email: hr@westerncans.com www.westerncans.com



This is to certify that Ms. RIYA DUTTA has successfully completed her One month (7 June 2023 - 7 July 2023) *Internship in Learning* different methods of Production in Canning and its Printing material throughout the session, in the Industry.

During her internship she has demonstrated her skills with self-motivation to learn new skills. Her performance exceeded our expectations and she was able to complete the assigned task on time.

We wish her all the best for her upcoming career.

[Western Cans Pvt. Ltd.]





VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist. - Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Riya Dutta

**Has successfully completed 10 Days (Two Weeks) Internship on
Automation using Siemens S7 1200 PLC**

**from 12th December 2022 to 23rd December 2022, Organized by Industry
Institute Interaction Cell of Vidyavardhini's College of Engineering and
Technology in Association with IETE Mumbai Centre.**

Prof. Prabhakar Patil
IIC Coordinator & Co-ordinator
Siemens CDE

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai Centre

Dr. Smita A. Lankar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



S.R. Electrical Enterprises

Mob.: 9820172684

ELECTRICAL ENGINEERS & CONTRACTOR

Specialist in: Supplying of PCC/MCC Panel, Electrification of H.T./L.T. Industrial & Residential

Jai Ganesh CHS., Rahul Nagar No.1, V.N. Purav Marg, Chunabhatti, Mumbai-400 022. ★ ~~Date: 05/07/2023~~ ~~ment@gmail.com~~

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. RUGVED KISHOR DESHPANDE a student of Vidyavardhini's College of Engineering & Technology had completed his in-bench testing of Electrical Panel training

Successfully from Date:05.06.2023 to 06.07.2023 in our engineering Department.

We wish him All success in his future endeavours.



For S R Electrical Enterprises.

(Proprietor)

Date: 07/06/2023

TO WHOM SO EVER IT MAY CONCERN

Mr. Sharandeep Suri has attended internship in our organization from 01st June 2023 to 01nd July 2023 In Instrumentation Department. We found him very sincere and hardworking during his attend period of internship. We wish success and best luck for new future assignment.

Madura Industrial Textiles Ltd.



Authorised Signatory

Madura Industrial Textiles Ltd.

Regd. Off.: 1, Janki Centre, Off: Veera Desal Road,
Andheri (W), Mumbai - 400 053. INDIA
T/F: +91-260-266 9005 / 6
F: +91-22-2673 0889 / 6691 6245

Works: Survey No. 331/1, Sarigam GIDC By Pass Road,
Taluka Umargaon, Dist. Valsad. Sarigam - 396 155
Email: info@maduratex.com Web: www.maduratex.com



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vaan Road (West), Dist. - Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Sharandeep Suri

Has successfully completed 10 Days (Two Weeks) Internship on

Automation using Siemens S7 1200 PLC

from 12th December 2022 to 23rd December 2022, Organized by Industry
Institute Interaction Cell of Vidyavardhini's College of Engineering and
Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator & Co-ordinator
Siemens COE

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai Center

Dr. Smita A. Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal

Date : 09 July 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. RISHABH RAJESH SHARMA**
a student of **Vidyavardhini's College Of Engineering &
Technology** had completed his in-plant training successfully
from **01.06.2023 to 01.07.2023** in our **Engineering
Department.**

We wish him All success in his future endeavors.


SANTOSH SHARMA
(MANAGER)



VEDANT INDUSTRIES

Unit No.18, Bldg. B, Tirupati Udyog Nagar, Survey No. 91,
Sativali Road, Vasai (E) - 401 208., Dist. Palghar (Maharashtra)

Date : 09 July 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. AMAN G GUPTA** a student of **Vidyavardhini's College Of Engineering & Technology** had completed his in-plant training successfully from **01.06.2023 to 01.07.2023** in our **Engineering Department**.

We wish him All success in his future endeavors.


SANTOSH SHARMA
(MANAGER)



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist. - Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Aman Gupta

Has successfully completed 10 Days (Two Weeks) Internship on
Automation using Siemens S7 1200 PLC

from 12th December 2022 to 23rd December 2022, Organized by Industry
Institute Interaction Cell of Vidyavardhini's College of Engineering and
Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator & Co-ordinator
Siemens COE

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai Center

Dr. Smita A. Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal

CADian 3D

CADian ARCH

CADian MECH

3D Studio Max • Pro/E • Pro/E Wild Fire

Certificate of Completion

Awarded to

Shreya Shridhar Shetty

In Diploma in Adv. Mechanical Cadd

At Graphical Cadd World

During 04-01-2022 Date of issue 03-01-2023



Professional

Diploma

Foundation

Pranay Singh

Director

**GRAPHICAL
CADD WORLD®**
Authorized Training Center

The course mentioned by Graphical CADD WORLD are very comprehensive and of high quality.
The participant are trained by well experienced cadd engineers in the latest & legal software.

GRAPHICAL CADD WORLD & GRAPHICAL CADD WORLD LOGO are registered trademarks of GRAPHICAL CADD WORLD TRAINING SERVICES, A-44747-4474, S-114746, D-7742574.



Tecnimont



Ref. No. HRMA-NN -TE/341D

20.01.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Seema Palkar, student of Final Year, Instrumentation Engineering, from Vidyavaridhi's College of Engineering & Technology, Vasai, has successfully completed "Internship" in our organization from 29th December 2022 to 13th January 2023

During her training period, she was placed in our Instrumentation Department and got exposure to practical aspects of EPC Projects.

We wish her success in her future endeavors.

For Tecnimont Private Limited

Nitin Narvekar

Sr. General Manager – HR



Acquaint Consultants Pvt. LTD.

CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr Ritik Pradeep Rai** has undergone a **10 month** internship program with us in from **12th December 2023** to **4th January 2023** and successfully completed his tenure of internship with us.

During the tenure, we found him honest, hardworking and inquisitive. His excellence in owning a project and dedicatedly delivering it, is something very unique about his.

We wish him success in all his future endeavours.

This is for your information only, not for legal purposes.

For **Acquaint Consultants Pvt. Ltd.**

A handwritten signature in black ink, appearing to read "Ankur", written over a horizontal line.

Kumar Ankur

Managing Director (Digitally Signed)



VEDANT INDUSTRIES

Unit No. 18, Bldg. B, Tirupati Udyog Nagar, Survey No. 91,
Sativali Road, Vasai (E) - 401 208., Dist. Palghar (Maharashtra)

Date: 12 Jan 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Rishabh Rajesh Sharma**
a student of **Vidyavardhini's College Of Engineering &
Technology** had completed his in-plant training successfully
from **04.12.2022 to 03.01.2023** in our **Engineering
Department**.

We wish him All success in his future endeavors.


SANTOSH SHARMA
(MANAGER)



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasal Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Varun Vilas Tatkare

Has successfully completed 10 Days (Two Weeks) Internship on

Automation using Siemens S7 1200 PLC

from 12th December 2022 to 23rd December 2022, Organized by Industry
Institute Interaction Cell of Vidyavardhini's College of Engineering and
Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator & Co-ordinator
Siemens COE

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai Center

Dr. Smita A. Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Siddhant Lokare

**Has successfully completed 10 Days (Two Weeks) Internship on
Automation using Siemens S7 1200 PLC**

from 12th December 2022 to 23rd December 2022, Organized by Industry
Institute Interaction Cell of Vidyavardhini's College of Engineering and
Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator & Co-ordinator
Siemens COE

Dr Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai Center

Dr Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra

SIEMENS

CERTIFICATE OF COMPLETION

This is to certify that

Shivam patil

Has successfully completed Two Weeks Internship in
Siemens PLC HMI Programming

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Siemens Center Of Excellence.

Prof. Prafulla Patil
IIC Coordinator &
Siemens COE

Dr. Harish Vankudre
Principal



Vidyavardhini's College of Engineering & Technology

Department of Instrumentation Engineering
Mini Project 2022-23

Group No	Title of the Project	Project Guide	Roll No	Name
1	Water Level Controller using 8051 Microcontroller	Ms. Kanchan Sarmalkar	7	Aman Gupta
			8	Rishabh Sharma
			10	Shivam Patil
2	Simulation of 24 hr water supply using PLC	Ms. Mugdha Salvi	1	Riya Dutta
			11	Chirag Bhanushali
			9	Rugved Deshpande
3	Arduino based laser tripwire alarm system	Dr. Deepak Gawali	3	Shreya Shetty
			5	Varun Tatkare
			2	Sharandeep Suri
4	Color Sorting system using Arduino	Ms. Deepti Patne	4	Siddhant Lokare
			6	Vishal Purushu

Mugdha salvi
(Project Incharge)

Dr. D. D. Gawali
Head of Department



Vidyavardhini's College of Engineering & Technology

Department of Instrumentation Engineering
Mini Project 2022-23

Group No	Title of the Project	Project Guide	Roll No	Name
1	Water Level Controller using 8051 Microcontroller	Ms. Kanchan Sarmalkar	7	Aman Gupta
			8	Rishabh Sharma
			10	Shivam Patil
2	Simulation of 24 hr water supply using PLC	Ms. Mugdha Salvi	1	Riya Dutta
			11	Chirag Bhanushali
			9	Rugved Deshpande
3	Arduino based laser tripwire alarm system	Dr. Deepak Gawali	3	Shreya Shetty
			5	Varun Tatkare
			2	Sharandeep Suri
4	Color Sorting system using Arduino	Ms. Deepti Patne	4	Siddhant Lokare
			6	Vishal Purushu

Mugdha Salvi
(Project Incharge)

Dr. D. D. Gawali
Head of Department

Vidyavardhini's College of Engineering & Technology



Department of Instrumentation Engineering Project 2022-23

Sr. No.	Name of the student	Title of the project	Guide Name
1	Harsh Nayal	Design And Development Of Customized Flight Controller And ESC	Dr.Deepak Gawali
2	Shean Wong	Discrete Control Process using PLC	Dr.Deepak Gawali
	Krutik Vartak		
	Nidhi Shetty		
	Kalpesh Jalora		
3	Dikshant Solanki	Automatic Press Machine	Kanchan Sarmalkar
	Rahul Fondekar		
	Abhinav Vishwakarma		
	Ragini Nair		
4	Seema Palkar	Control Panel Designing	Kanchan Sarmalkar
	Anjana Babu Pattan		
	Sushant Shetty		
	Abdullah Shaikh		
5	Shraddha Mestry	Intravenous Drip Monitoring & Control System	Mugdha Salvi
	Neha More		
	Riya Raut		
	Urmiksha Tawde		
6	Sagar Khamrui	Patient Monitoring System	Mugdha Salvi
	Atharva Naik		
7	Swastik Raut	Warehouse Automation	Vishal Pande
	Arya Trivedi		
	Ruchita Bhoir		
	Muskan Singh		
8	Mayuresh Kadam	Waste Segregation	Vishal Pande
	Peeyush Chourasiya		
	Tejas Mhatre		
9	Devansh Jaiswal	Centrifuge Controller	Prafulla Patil
	Ankita Bhosle		
	Darshan Pawar		

Vidyavardhini's College of Engineering & Technology



Department of Instrumentation Engineering Project 2022-23

	Eesha Kolambkar		
10	Rohan Sandeep Patil	Drainage Inspection & Monitoring System	Prafulla Patil
	Adarsh Ottupurath		
	Pankaj Vishwakarma		
	Harsh Patil		
11	Ritik Rai	Sign Language Recognition Using Deep Learning	Deepti Patne
	Manish Bhagwat		
	Vinayak Jikamade		
	Sahil Kadam		
12	Harshita Jaiswar	Portable Mochtail Maker with Barbot	Deepti Patne
	Jeegar Babariya		
	Ashish Chavan		
	Tejal Pednekar		

Kanchan

Project Incharge
Mrs.Kanchan Sarmalkar

HOD
Dr. Deepak Gawali



Vidyavardhini's College of Engineering and Technology
Department of Computer Engineering
Academic Year: 2022-23

INTER & INTRA INTERNSHIP Details for A.Y. 2022-23

Sr. No	Name of the student	Name of the Company	Duration Of Internship		Nature of Linkage
			From	To	
1	Karan Sankhe	E-Cell IIT Bombay, Powai	01-07-2022	01-11-2022	Worked as campus ambassador intern
		Expertrons, Online	04-08-2022	04-10-2022	Worked as Expertrons campus Avenger
		Application development using Fire Bird V Robot, Vasai	12-12-2022	23-12-2022	Worked as Robotics Intern
2	Ajay Shitkar	OASIS INFOBYTE, Vasai	4-07-2022	04-08-2022	Worked as Data Science Intern
		Exposys Data Labs, Online	14-09-2022	13-10-2022	Worked as Web Developer
3	Khushi Sinha	OASIS INFOBYTE, Online	06-08-2022	06-09-2022	Worked as Data Science Intern
		The Sparks Foundation, Online	26-08-2022	26-09-2022	Worked as Data Science Intern
4	Vaishnavi Gaikwad	OASIS INFOBYTE, Online	9-8-2022	9-9-2022	Worked as Data Science Intern
5	Dhanisha Raut	Exposys Data Labs, Online	14-09-2022	13-10-2022	Worked as Data Science Intern
6	Mohit Raje	The Sparks Foundation, Online	01-09-2022	01-10-2022	Worked as Data Science Intern
		Exposys Data Labs, Online	14-09-2022	13-10-2022	Worked as Data Science Intern
		Data Analytics Consulting Virtual Internship, Online	11-01-2023	28-03-2023	Worked as Data Science Intern
		OASIS INFOBYTE,	10-03-2023	10-02-2023	Worked as Data



Vidyavardhini's College of Engineering and Technology
Department of Computer Engineering
Academic Year: 2022-23

		Online			Science Intern
7	Mrunmai Gawde	Exposys Data Labs, Online	14-09-2022	13-10-2022	Worked as Data Science Intern
8	Mrudul Chaudhari	Mood Indigo, IIT Bombay, Powai	18-09-2022	18-10-2022	Worked as Indigo Squad Member
		OASIS INFOBYTE, Online	15-10-2022	15-11-2022	Worked as Data Science Intern
9	Vedant Chaskar	OASIS INFOBYTE, Online	02-10-2022	28-11-2022	Worked as Data Science Intern
10	Sahil Kulabkar	Mood Indigo, IIT Bombay, Powai	04-10-2022	04-11-2022	Worked as Indigo Squad Member
		IIC VCET collaboration with TechCrypors, Vasai	12-06-2023	23-06-2023	Worked as IT Intern
11	Vipul Bhoir	OASIS INFOBYTE, Online	9-10-2022	09-11--2022	Worked as Data Science Intern
12	Vaishnavi Deshmukh	HKI Infotech, Vasai	15-10-2022	15-11-2022	Worked as Intern on ERP
13	Dhanashree Raut	HKI Infotech, Vasai	15-10-2022	15-11-2022	Worked as Intern on ERP
14	Nayan Biramane	HKI Infotech, Vasai	15-10-2022	15-11-2022	Worked as Intern on ERP
15	Taher Barwaniwala	HKI Infotech, Vasai	15-10-2022	15-11-2022	Worked as Intern on ERP
16	Kshitij Patil	HKI Infotech, Vasai	15-10-2022	15-11-2022	Worked as Intern on ERP
17	Bhupeksha Patil	HKI Infotech, Vasai	15-10-2022	15-11-2022	Worked as Intern on ERP
		The Sparks Foundation, Online	26-05-2023	26-06-2023	Worked as Data Science Intern
18	Pranay Gore	HKI Infotech, Online	15-10-2022	15-11-2022	Worked as Intern on ERP
19	Snehal Bavkar	HKI Infotech, Vasai	15-10-2022	15-11-2022	Worked as Intern on ERP
20	Saurabh Shukla	HKI Infotech, Vasai	15-10-2022	15-11-2022	Worked as Intern on ERP



Vidyavardhini's College of Engineering and Technology
Department of Computer Engineering
Academic Year: 2022-23

21	Rahul Shah	HKI Infotech, Vasai	15-10-2022	15-11-2022	Worked as Intern on ERP
22	Neha Vijaykumar	Skillbee, Online	25-11-2022	28-01-2023	Worked as Marketing Intern
23	Nishant Bhandigare	HKI Infotech, Online	01-12-2022	31-12-2022	Worked as Intern on Digital Orbit
24	Bramheti Patil	ONGC, Mumbai	05-12-2022	05-01-2023	Worked as Intern on draft tender documentation
		IIC VCET collaboration with Rigel InfoTech, Vasai	12-06-2023	23-06-2023	Worked as IT Intern
25	Jay Prajapati	OASIS INFOBYTE, Online	01-01-2023	01-02-2023	Worked as Data Science Intern
26	Parth Gharat	OASIS INFOBYTE, Online	01-1-2023	01-02-2023	Worked as Data Science Intern
27	Mohit Singh	Cisco System Pvt Ltd, Bangalore	11-01-2023	30-06-2023	Worked as Technical Undergraduate Intern
28	Samarth Pandey	OASIS INFOBYTE, Vasai	10-02-2023	10-03-2023	Worked as Data Science Intern
29	Sanika Patil	The Sparks Foundation, Online	25-02-2023	25-03-2023	Worked as Data Science Intern
		OASIS INFOBYTE, Vasai	15-03-2023	15-04-2023	Worked as Data Science Intern
30	Sakshi Ghonge	Digital Marketing (ADSASSURE), Online	01-03-2023	30-03-2023	Worked as Digital Marketing Intern
31	Nikita Mundaye	OASIS INFOBYTE, Online	01-03-2023	01-04-2023	Worked as Data Science Intern
32	Polomi Adak	Otet Infosystem, Virar	11-3-2023	20-8-2023	Worked as IT Intern
33	Rishabh Tripathi	OASIS INFOBYTE, Vasai	15-03-2023	15-04-2023	Worked as Data Science Intern
		The Sparks Foundation, Online	25-03-2023	25-04-2023	Worked as Data Science Intern
		The Sparks Foundation, Online	2-4-2023	2-5-2023	Worked as Data Science Intern
34	Dimple Khuman	OASIS INFOBYTE, Online	15-03-2023	15-04-2023	Worked as Data Science Intern



Vidyavardhini's College of Engineering and Technology
Department of Computer Engineering
Academic Year: 2022-23

35	Prerna Kanekar	OASIS INFOBYTE, Online	10-05-2023	10-06-2023	Worked as Data Science Intern
36	Hrushikesh Shetty	OASIS INFOBYTE, Online	10-05-2023	10-06-2023	Worked as Data Science Intern
37	Sayali Thakare	OASIS INFOBYTE, Online	15-05-2023	15-06-2023	Worked as Data Science Intern
		IIC VCET collaboration with TechCrypors, Vasai	12-06-2023	23-06-2023	Worked as IT Intern
38	Yukta Patil	A TECH IT Company, Virar	01-06-2023	30-06-2023	Worked as Junior Application Developer
39	Riya Khot	Otet Infosystem, Virar	11-03-2023	20-08-2023	Worked as Data science Intern
		LetsGrowMore, Online	01-06-2023	30-06-2023	Worked as Data science Intern
40	Aditya Lawate	Avantika Enterprises, Vasai	15-06-2023	30-06-2023	Worked as Trainee Engineer
41	Samarth Pandey	Android Application Development in Kotlin, Vasai	18-07-2022	29-7-2022	Worked as Android Intern
42	Nirmiti Patil	Application development using Fire Robot, Vasai	12-12-2022	23-12-2022	Worked as Robotics Intern
43	Srushti Kamble	IIC VCET collaboration with Autostrings Pvt.Ltd- Kotlin, Thane	12-06-2023	23-06-2023	Worked as Android Intern
44	Vishruti Gurav	IIC VCET collaboration with Autos Pvt.Ltd- Kotlin, Thane	12-06-2023	23-06-2023	Worked as Android Intern
45	Srushti Gawande	IIC VCET collaboration with Autos Pvt.Ltd- Kotlin, Thane	12-06-2023	23-06-2023	Worked as Android Intern
46	Vaishnavi Gaikwad	IIC VCET collaboration with Autostrings Pvt.Ltd-	12-06-2023	23-06-2023	Worked as Android Intern




Vidyavardhini's College of Engineering and Technology
Department of Computer Engineering
Academic Year: 2022-23

		Kotlin, Thane			
47	Pratima Bombe	IIC VCET collaboration with Autos Pvt.Ltd- Kotlin, Thane	12-06-2023	23-06-2023	Worked as Android Intern
48	Naba Sarwar	IIC VCET collaboration with Autos Pvt.Ltd- Kotlin, Thane	12-06-2023	23-06-2023	Worked as Android Intern
49	Sushant Patil	IIC VCET collaboration with Autostrings Pvt.Ltd- Kotlin, Thane	12-06-2023	23-06-2023	Worked as Android Intern
50	Onkar Kokate	IIC VCET collaboration with Autostrings Pvt.Ltd- Kotlin, Thane	12-06-2023	23-06-2023	Worked as Android Intern
51	Kiran Rokade	IIC VCET collaboration with Autostrings Pvt.Ltd- Kotlin, Thane	12-06-2023	23-06-2023	Worked as Android Intern
52	Pooja Bandgar	IIC VCET collaboration with TechCrypors, Mumbai	12-06-2023	23-06-2023	Worked as IT Intern
53	Swara Gharat	IIC VCET collaboration with TechCrypors, Mumbai	12-06-2023	23-06-2023	Worked as IT Intern
54	Mitij Raul	IIC VCET collaboration with TechCrypors, Mumbai	12-06-2023	23-06-2023	Worked as IT Intern
55	Shrawani Terde	IIC VCET collaboration with TechCrypors, Mumbai	12-06-2023	23-06-2023	Worked as IT Intern
56	Omkar Khanolkar	IIC VCET collaboration with TechCrypors, Mumbai	12-06-2023	23-06-2023	Worked as IT Intern
57	Abhinav Desai	IIC VCET collaboration with TechCrypors, Mumbai	12-06-2023	23-06-2023	Worked as IT Intern



Vidyavardhini's College of Engineering and Technology
Department of Computer Engineering
Academic Year: 2022-23

58	Aarya Mhatre	IIC VCET collaboration with Rigel InfoTech, Vasai	12-06-2023	23-06-2023	Worked as IT Intern
59	Raj Kikani	IIC VCET collaboration with Rigel InfoTech, Vasai	12-06-2023	23-06-2023	Worked as IT Intern
60	Rohit Redekar	IIC VCET collaboration with Rigel InfoTech, Vasai	12-06-2023	23-06-2023	Worked as IT Intern
61	Krutik Kuwar	IIC VCET collaboration with Rigel InfoTech, Vasai	12-06-2023	23-06-2023	Worked as IT Intern


HEAD
Dept of Computer Engg.,
Vidyavardhini's College of
Engineering and Technology,
Vasai Road 401 202



CERTIFICATE of Recognition

PROUDLY PRESENTED TO

Karan Sankhe

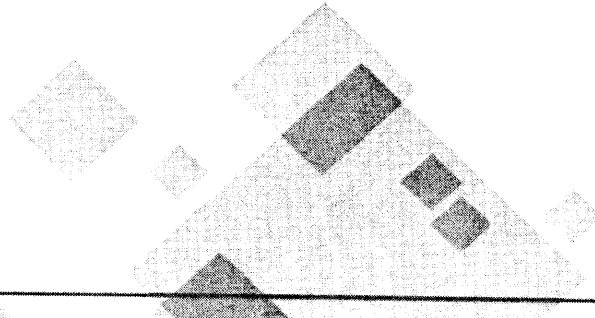
For serving as Campus Ambassador Intern of the Entrepreneurship Cell, IIT Bombay
for the year 2022-23. We greatly appreciate your dedication and
efforts to support and promote entrepreneurship.



Manan Goyal
Overall Coordinator
E-Cell IIT Bombay



Prerna Chhapparwal
Overall Coordinator
E-Cell IIT Bombay





Offer Letter

E-Cell IIT Bombay,

E-Cell Office, Student Activity Center,
IIT Bombay, Powai,
Mumbai-400076

July 17, 2022

Ref: **Campus Ambassador Post**

Dear Karan Sankhe,

With reference to your application for CA Internship in E-Cell IITB and the subsequent decision we made based on your application, we are glad to extend to you a position in our organization.

You will be designated for the "Campus Ambassador" position for the Entrepreneurship Cell, IIT Bombay. The internship will take place in work from home mode, and you will report online to E-Cell IIT Bombay in Mumbai.

You will be provided various incentives like internship opportunities, online courses, and goodies based on your performance during the internship.

We are confident and expect that you will play a significant role in the organization's overall success and wish you an enjoyable, learning-packed, and truly meaningful internship experience with E-Cell IIT Bombay.

Manan Goyal
Overall Coordinator
E-Cell IIT Bombay

Perna Chhapparwal
Overall Coordinator
E-Cell IIT Bombay



CERTIFICATE OF ACHIEVEMENT

This certificate is awarded to

KARAN SANKE

for outstanding performance as an Expertrons Campus Avenger! Expertrons would like to give them a title of *Impressive use of the mind stone(UTM)*. We appreciate your tireless efforts and zeal toward contributing to the company's growth, and we look forward to more such contributions in the future.

Jatin Solanki
Co-Founder

24th Sep 2022

Date





CERTIFICATE OF ACHIEVEMENT

This certificate is awarded to

KARAN SANKI

for outstanding performance as an Expertrons Campus Avenger! Expertrons would like to give them a title of *Impressive use of the mind stone(UTM)*. We appreciate your tireless efforts and zeal toward contributing to the company's growth, and we look forward to more such contributions in the future.

Jatin Solanki

Co-Founder

24th Sep 2022

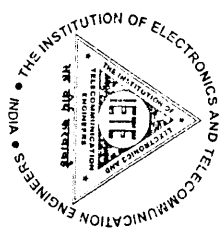
Date





VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Karan Hareshwar Sankhe

Has successfully completed **10 Days (Two Weeks) Internship on**

Application development using Fire Bird V Robot

from 12th December 2022 to 23rd December, 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering and Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil

IIIC Coordinator

Dr. Vikas Gupta

Dean, Academic VCET

Hon. Secretary, IETE Mumbai

Dr. Megha Trivedi

Co-ordinator E-Yantra

Robotics Lab

Dr. Smiya A Lonkar

Chairperson

IETE Mumbai Centre

Dr. Harish Vankudre

Principal

CERTIFICATE OF COMPLETION

8/4/2022

This certificate is proudly presented to

Ajay Laxman Shitkar

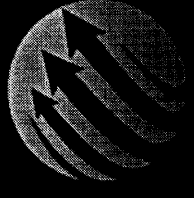
for successful completion of 1 month internship in
Web Development and Designing
with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

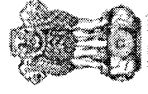
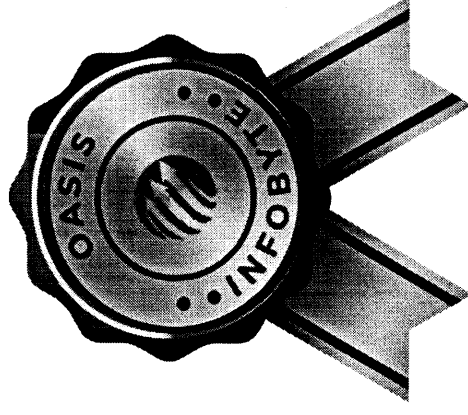
OIB/JUL339



www.oasisinfobyte.com

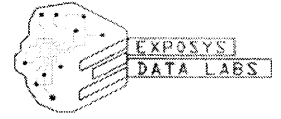


**OASIS
INFOBYTE**



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
1981, 2013, 194, 194, 194, 194

Exposys Data Labs



Certificate of Internship

TO WHOM IT MAY CONCERN

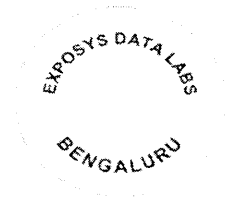
This is to certify that **Mr. AJAY SHITKAR** has completed internship programme on “**Web Developer**” from 14.09.2022 to 13.10.2022.

He took keen interest in the work assigned and successfully completed it. During the period of internship, we found him to be punctual, hardworking and inquisitive.

We wish him luck and success in all his future endeavours.

Y Vishnuvardhan

Chief Director



hr@exposysdata.com
www.exposysdata.com

CERTIFICATE OF COMPLETION

9/6/2022

This certificate is proudly presented to

Sinha Khushi Pravin

for successful completion of 1 month internship in
Web Development and Designing
with wonderful remarks at **OASIS INFOBYTE**

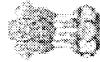
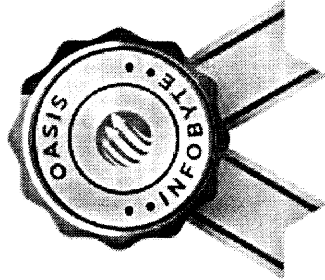
✉ contact@oasisinfobyte.in

| OIB/AUG438

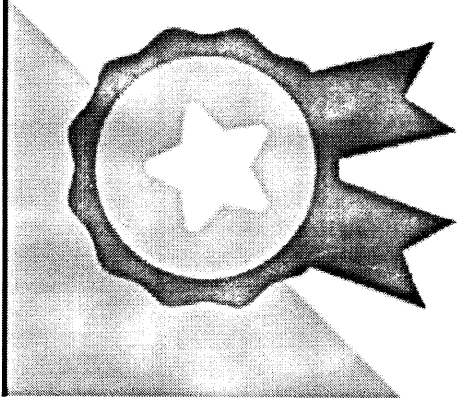
| www.oasisinfobyte.com



**OASIS
INFOBYTE**



MSME
MINISTRY OF SKILL DEVELOPMENT
AND ENTREPRENEURSHIP



THE SPARKS
FOUNDATION



THIS IS PRESENTED TO

Pravay

SIRIHA KIRIYESHI PRAVIN

PRAVAY DEEPIY
DIRECTOR

08/26/2022

DATE

FOR SUCCESSFUL SELECTION AS AN INTERN AT THE
SPARKS FOUNDATION FOR FUNCTION DATA SCIENCE
& BUSINESS ANALYTICS.



CODE: AVN61P6C11

Verify at

<https://truecertificates.com/verification>

CERTIFICATE OF COMPLETION

9/9/2022

This certificate is proudly presented to

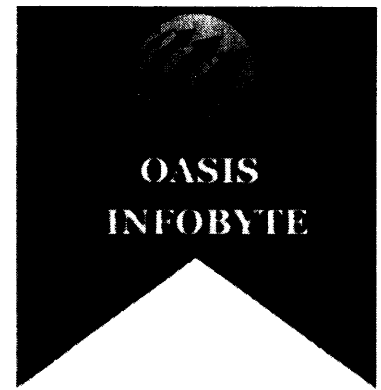
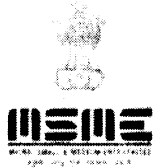
Vaishnavi Sadashiv Gaikwad

for successful completion of **1 month internship** in
Graphic Design
with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

OIB/AUG538

www.oasisinfobyte.com





Certificate of Internship

TO WHOM IT MAY CONCERN

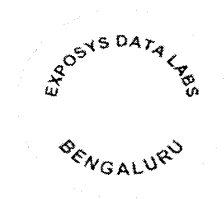
This is to certify that **Ms. DHANISHA RAUT** has completed internship programme on “**Data Science**” from 14.09.2022 to 13.10.2022.

She took keen interest in the work assigned and successfully completed it. During the period of internship we found her to be punctual, hardworking and inquisitive.

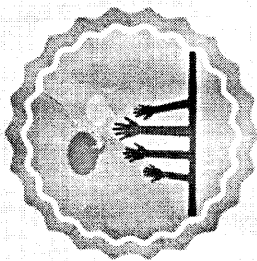
We wish her luck and success in all her future endeavours.

Y Vishnuvardhan

Chief Director



hr@exposysdata.com
www.exposysdata.com



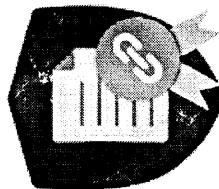
THE SPARKS FOUNDATION
INSPIRE, INNOVATE, INTEGRATE

CERTIFICATE OF COMPLETION

This Certificate is presented to

Mehit Raje

*for an outstanding contribution during the session (Sep 2022 - Oct 2022) of
Graduate Rotational Internship Program at The Sparks Foundation on 01-Oct-2022.*

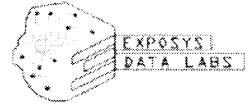


Certificate Number: 7259KT6T9H

Verification at:
<https://truecertificates.com/verification/>

PRANAV DUBEY
MANAGING DIRECTOR

Exposys Data Labs



Certificate of Internship

TO WHOM IT MAY CONCERN

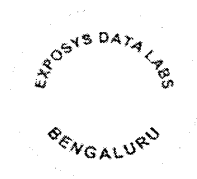
This is to certify that **Mr. MOHIT RAJE** has completed internship programme on “Data Science” from 14.09.2022 to 13.10.2022.

He took keen interest in the work assigned and successfully completed it. During the period of internship, we found him to be punctual, hardworking and inquisitive.

We wish him luck and success in all his future endeavours.

Y Vishnuvardhan

Chief Director



hr@exposysdata.com
www.exposysdata.com





Inspiring and empowering
future professionals

Mohit Rajee

Data Analytics Consulting Virtual Internship

Certificate of Completion
March 28th, 2023

Over the period of March 2023, Mohit Rajee has completed practical tasks in:

- Data Quality Assessment
- Data Insights
- Data Insights and Presentation

Deborah Yates
National Managing
Partner People
Performance and
Culture

Tom Brunskill
CEO, Co-Founder of
Forage

CERTIFICATE OF COMPLETION

3/10/2023

This certificate is proudly presented to

Mohit Raje

for successful completion of **1 month internship** in

Data Science

with wonderful remarks at **OASIS INFOBYTE**

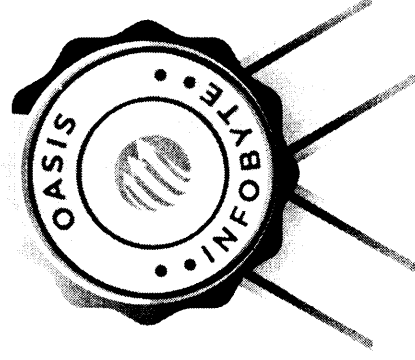
contact@oasisinfobyte.in

OIB/F2/IP437

www.oasisinfobyte.com



OASIS
INFOBYTE



MSME

MSME

Exposys Data Labs



Certificate of Internship

TO WHOM IT MAY CONCERN

This is to certify that **Mr. MRUNMAI SANJAY GAWDE** has completed Internship programme on “**Data Science**” from 14.09.2022 to 13.10.2022.

He took keen interest in the work assigned and successfully completed it. During the period of internship, we found him to be punctual, hardworking and inquisitive.

We wish him luck and success in all his future endeavours.

Y Vishnuvardhan

Chief Director



hr@exposysdata.com
www.exposysdata.com

Internship Offer Letter

Mood Indigo, IIT Bombay

Mood Indigo Office
Student Activity Center
IIT Bombay, Powai
Mumbai, Maharashtra - 400076

September 18, 2022

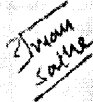
Dear,
Mrudul Parag Chaudhari
MI-MRU-102

We feel immense pleasure in presenting this letter to you and onboard you as an "Indigo Squad Member" at Mood Indigo 2022, IIT Bombay.

This is a digital marketing internship at Mood Indigo, IIT Bombay, which would be carried out in a work from home mode till any further notice. We are confident and hope that you'll be an asset to the team and not just grow yourself, but help Mood Indigo reach newer heights and this journey would be equally enjoyable and fun-filled for all of us.

Over the course of your internship, you shall be eligible to win various incentives including but not limited to goodies, merchandises, online courses, internships and VIP concert passes.

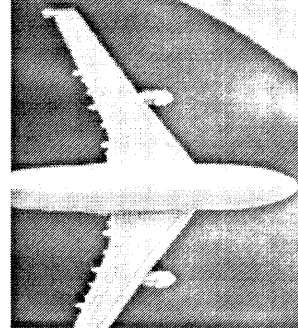
Welcome to the Indigo Squad and get ready for the time of your lifetime, and be the face of Mood Indigo in your college and city, gain valuable experience, pull off awesome events, and build a strong network with similarly motivated individuals helping you in our future professional endeavours.



Aman Sathe
Overall Coordinator
Mood Indigo 2022



Dwij Kabra
Overall Coordinator
Mood Indigo 2022



CERTIFICATE OF COMPLETION

11/15/2022

This certificate is proudly presented to

MRUDUL PARAG CHAUDHARI

for successful completion of **1 month internship** in

Web Development and Designing

with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

OIB/OCT615



www.oasisinfobyte.com



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
विद्यया ऽमृतमश्नुते



**OASIS
INFOBYTE**

CERTIFICATE OF COMPLETION

11/28/2022

This certificate is proudly presented to

Vedant Chaskar

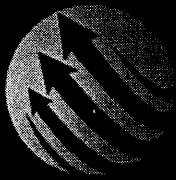
for successful completion of 1 month internship in
Android Application Development
with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

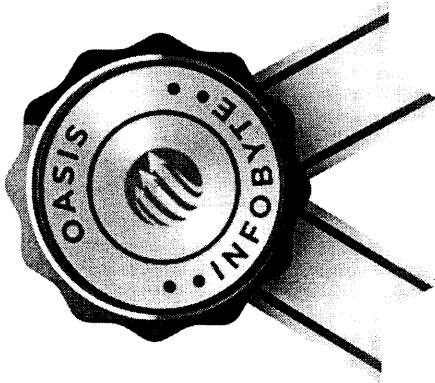
OIB/NOV59



www.oasisinfobyte.com



OASIS
INFOBYTE



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
एशिया, अफ्रीका, भारत, यूरोप

0/0

Internship Offer Letter

Mood Indigo, IIT Bombay

Mood Indigo Office
Student Activity Center
IIT Bombay, Powai
Mumbai, Maharashtra - 400076

October 04, 2022
Dear,
Sahil Haresh Kulabkar
MI-SAH-173

We feel immense pleasure in presenting this letter to you and onboard you as an "Indigo Squad Member" at Mood Indigo 2022, IIT Bombay.

This is a digital marketing internship at Mood Indigo, IIT Bombay, which would be carried out in a work from home mode till any further notice. We are confident and hope that you'll be an asset to the team and not just grow yourselves, but help Mood Indigo reach newer heights and this journey would be equally enjoyable and fun-filled for all of us.

Over the course of your internship, you shall be eligible to win various incentives including but not limited to goodies, merchandises, online courses, internships and VIP concert passes.

Welcome to the Indigo Squad and get ready for the time of your lifetime, and be the face of Mood Indigo in your college and city, gain valuable experience, pull off awesome events, and build a strong network with similarly motivated individuals helping you in our future professional endeavours.



Aman Sathe
Overall Coordinator
Mood Indigo 2022



Dwij Kabra
Overall Coordinator
Mood Indigo 2022



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



TECHCRYPTORS
Creating the Future, One Byte at a Time

CERTIFICATE OF COMPLETION

This is to certify that

Sahil Hareesh Kulabkar

Has successfully completed **Two Weeks Internship in**

Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarsi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal

CERTIFICATE OF COMPLETION

11/9/2022

This certificate is proudly presented to

MPUE NARESH BHOR

for successful completion of 1 month internship in
Web Development and Designing
with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

OIB/OCT338

www.oasisinfobyte.com



**OASIS
INFOBYTE**

MSME
MICRO, SMALL & MEDIUM ENTERPRISES
विद्यया एवैव भवति ज्ञानम्



Internship Letter

This is to certify that **Ms.VaishnaviDeshmukh** has completed his internship with HKI Infotech from **15th Oct 2022** to **15th Nov 2022**. Her contributions have been invaluable and have helped to make our team a success.

During his time with us, she had worked on ERP/Retail Project Demonstrating following task:-

1. **Designing and implementations of UI components with AngularTS.**
2. **Developing API with .Net core and testing with swagger.**
3. **Handling MSSQL with RDBMS knowledge.**

During his internship she has brought valuable insights and perspectives to our team.

For HKI Infotech



Dharmendra Jain
(Proprietor)



0's

Internship Letter

This is to certify that **Ms.DhanashreeRaut** has completed her internship with HKI Infotech from **15th Oct 2022 to 15th Nov 2022**. Her contributions have been invaluable and have helped to make our team a success.

During her time with us, she had worked on ERP/Retail Project Demonstrating following task:-

1. **Designing and implementations of UI components with AngularTS.**
2. **Developing API with .Net core and testing with swagger.**
3. **Handling MSSQL with RDBMS knowledge.**

During her internship she has brought valuable insights and perspectives to our team.

For HKI Infotech



Dharmendra Jain
(Proprietor)



Internship Letter

This is to certify that **Mr.NayanBiramane** has completed his internship with HKI Infotech from **15th Oct 2022** to **15th Nov 2022**. His contributions have been invaluable and have helped to make our team a success.

During his time with us, he had worked on ERP/Retail Project Demonstrating following task:-

1. **Designing and implementations of UI components with AngularTS.**
2. **Developing API with .Net core and testing with swagger.**
3. **Handling MSSQL with RDBMS knowledge.**

During his internship he has brought valuable insights and perspectives to our team.

For HKI Infotech


Dharmendra Jain
(Proprietor)



Internship Letter


This is to certify that **Mr.TaherBarwaniwala** has completed his internship with HKI Infotech from **15th Oct 2022** to **15th Nov 2022**. His contributions have been invaluable and have helped to make our team a success.

During his time with us, he had worked on ERP/Retail Project Demonstrating following task:-

1. **Designing and implementations of UI components with AngularTS.**
2. **Developing API with .Net core and testing with swagger.**
3. **Handling MSSQL with RDBMS knowledge.**

During his internship he has brought valuable insights and perspectives to our team.

For HKI Infotech


Dharmendra Jain
(Proprietor)



Internship Letter

This is to certify that **Mr.KshitijPatil** has completed his internship with HKI Infotech from **15th Oct 2022** to **15th Nov 2022**. His contributions have been invaluable and have helped to make our team a success.

During his time with us, he had worked on ERP/Retail Project Demonstrating following task:-

1. **Designing and implementations of UI components with AngularTS.**
2. **Developing API with .Net core and testing with swagger.**
3. **Handling MSSQL with RDBMS knowledge.**

During his internship he has brought valuable insights and perspectives to our team.

For HKI Infotech



Dharmendra Jain
(Proprietor)



Internship Letter

This is to certify that **Ms.BhupekshaPatil** has completed her internship with HKI Infotech from **15th Oct 2022** to **15th Nov 2022**. Her contributions have been invaluable and have helped to make our team a success.

During her time with us, she had worked on ERP/Retail Project Demonstrating following task:-

1. **Designing and implementations of UI components with AngularTS.**
2. **Developing API with .Net core and testing with swagger.**
3. **Handling MSSQL with RDBMS knowledge.**

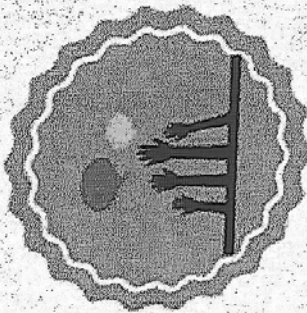
During her internship she has brought valuable insights and perspectives to our team.

For HKI Infotech



Dharmendra Jain
(Proprietor)





THE SPARKS FOUNDATION

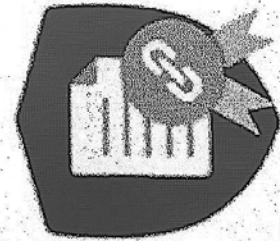
INSPIRE. INNOVATE. INTEGRATE

CERTIFICATE OF COMPLETION

This Certificate is presented to

Bhuyeksha Arun Patil

*for an outstanding contribution during the session (May 2023 - Jun 2023) of
Graduate Rotational Internship Program at The Sparks Foundation on 26-Jun-2023.*



Certificate Number: 6A3HZCKZ6R

Verification at:

<https://truecertificates.com/verification/>

PRANAV DUBEY

MANAGING DIRECTOR

18

Internship Letter

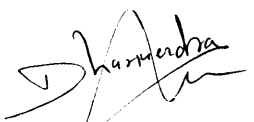
This is to certify that **Mr. Pranay Gore** has completed his internship with HKI Infotech from **15th Oct 2022** to **15th Nov 2022**. His contributions have been invaluable and have helped to make our team a success.

During his time with us, he had worked on ERP/Retail Project Demonstrating following task:-

1. **Designing and implementations of UI components with AngularTS.**
2. **Developing API with .Net core and testing with swagger.**
3. **Handling MSSQL with RDBMS knowledge.**

During his internship he has brought valuable insights and perspectives to our team.

For HKI Infotech


Dharmendra Jain
(Proprietor)



010

Internship Letter

This is to certify that **Ms.SnehalBavkar** has completed her internship with HKI Infotech from **15th Oct 2022** to **15th Nov 2022**. Her contributions have been invaluable and have helped to make our team a success.

During her time with us, she had worked on ERP/Retail Project Demonstrating following task:-

1. **Designing and implementations of UI components with AngularTS.**
2. **Developing API with .Net core and testing with swagger.**
3. **Handling MSSQL with RDBMS knowledge.**

During her internship she has brought valuable insights and perspectives to our team.

For HKI Infotech



Dharmendra Jain
(Proprietor)



Internship Letter

This is to certify that **Mr.Saurabh Shukla** has completed his internship with HKI Infotech from **15th Oct 2022** to **15th Nov 2022**. His contributions have been invaluable and have helped to make our team a success.

During his time with us, he had worked on ERP/Retail Project Demonstrating following task:-

1. **Designing and implementations of UI components with AngularTS.**
2. **Developing API with .Net core and testing with swagger.**
3. **Handling MSSQL with RDBMS knowledge.**

During his internship he has brought valuable insights and perspectives to our team.

For HKI Infotech



Dharmendra Jain
(Proprietor)



Internship Letter

This is to certify that **Mr.Rahul Shah** has completed his internship with HKI Infotech from **15th Oct 2022** to **15th Nov 2022**. His contributions have been invaluable and have helped to make our team a success.

During his time with us, he had worked on ERP/Retail Project Demonstrating following task:-

1. **Designing and implementations of UI components with AngularTS.**
2. **Developing API with .Net core and testing with swagger.**
3. **Handling MSSQL with RDBMS knowledge.**

During his internship he has brought valuable insights and perspectives to our team.

For HKI Infotech



Dharmendra Jain
(Proprietor)



CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS AWARDED TO

NEHA VIJAYKUMAR

For the successful completion of her internship at Skillbee as an Marketing -
Intern from **25th November, 2022 to 28th January, 2023.**

We wish her success in her future endeavours.



Date: **30th January, 2023**

V. Ravichandra Gautham
Co- Founder, SKILLBEE

Internship Letter

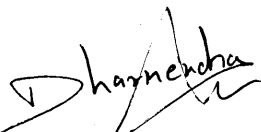
This is to certify that **Mr.NishantBhandigare** has completed his internship with HKI Infotech from **1st December 2022** to **31st December 2022**. His contributions have been invaluable and have helped to make our team a success.

During his time with us, he had worked on a line Flutter / Androidbased project 'Digital Orbit' where he performed the following task among other things:-

1. **Deep-linking of the application pages with the existing firebase**
2. **Lazy-loading for quicker and more flexible communication of the application with the database via the use of Application programming interface**

During his internship he has brought valuable insights and perspectives to our team.

For HKI Infotech


Dharmendra Jain
(Proprietor)





Oil and Natural Gas Corporation Limited
Skill Development Centre

WR/SDC-MUM/104/Win Trg./2022

Work Centre: Mumbai

CERTIFICATE OF PARTICIPATION

This is to certify that Ms. Bramheti Shailesh Patil a student of Vidyavardhini's College of Engineering & Technology, pursuing Computer Engineering, Vasai, has undergone WINTER TRAINING (INTERNSHIP) at ONGC, Mumbai from 05/12/2022 to 05/01/2023.

She has completed her project work on "Draft Tender Documentation" under the guidance of Mr. Peter D Alhat, DGM (E & T), ONGC, Mumbai.

She has taken keen interest in the assigned project during her training.

We wish her all success in her academic endeavors and life.

Date: 13/01/2023

Place: ONGC, Mumbai

Training Coordinator

गीता ए. हिंगणे
Geeta A. Hingne
उप महाप्रबंधक (मा.सं.)
Dy. General Manager (HR)

Geeta A. Hingne



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Bramheti Patil

**Has successfully completed Two Weeks Internship in
Web Development**

**from 12th June 2023 to 23rd June 2023, Organized by Industry Institute Interaction Cell of
Vidyavardhini's College of Engineering and Technology in Association with Rigel Infotech.**

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Mr. Ahmed S. Shaikh
Founder,
Rigel Infotech

Dr. Harish Vankudre
Principal

CERTIFICATE OF COMPLETION

2/1/2023

This certificate is proudly presented to

Jay Kamlashankar Prajapati

for successful completion of 1 month internship in

Java Development

with wonderful remarks at **OASIS INFOBYTE**

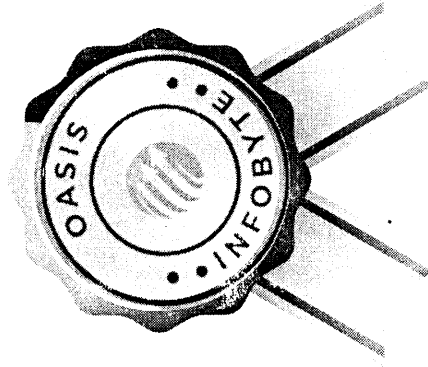
✉ contact@oasisinfobyte.in

OIB/J1/IP423

www.oasisinfobyte.com



**OASIS
INFOBYTE**



INSIDE
RESEARCH & ANALYSIS
1995-2011 BY PRAJAPATI

CERTIFICATE OF COMPLETION

2/1/2023

This certificate is proudly presented to

Parth Gharat

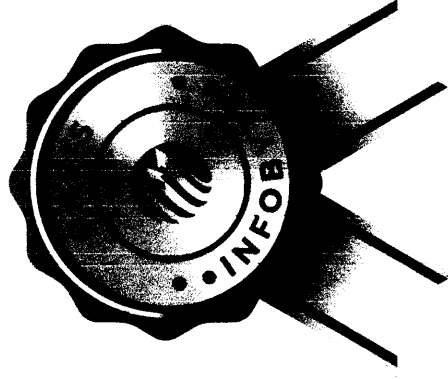
for successful completion of **1 month internship** in
Web Development and Designing
with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

OIB/J1/IP314

www.oasisinfobyte.com

OASIS
INFOBYTE



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
Reg. no. 14/MSME-3/2019



Cisco Systems (India) Private Limited
SEZ Unit, Cessna Business Park,
Kadubeesanahalli Village
Varthur Hobli, Sarjapur Marathalli Outer Ring Road
Bangalore, Karnataka 560103
CIN: U31909KA1995PTC019505
India

Dear Mohit

Congratulations on your offer to join Cisco.

At Cisco, our commitment is to drive the most trusted customer experience in the industry, through our innovation, choice, and extraordinary people. We have a unique opportunity to build a better, more equitable, and inclusive future for everyone.

Day to day, we make a meaningful difference for our people, our customers, and the world around us. We support each other and work together to create shared success that will benefit everyone. As we bring our talents and ideas together, we hope you will join us as we work to empower an inclusive future for all.

We're offering you a position as a **Technical Undergraduate Intern, Grade 99 in 123 - Cisco Systems (India) Private Limited**. You'll report to me, **Aarushi Bhatnagar |aarbhatn@cisco.com** and you'll start in our **IND-BANGALORE.NON-REMOTE** office.

When you'll start

We're planning for you to start on **11-Jan-2023** (Start Date). If this date won't work for you, please email me (**Aarushi Bhatnagar |aarbhatn@cisco.com**) with the date you prefer and we can discuss options. You just need to make sure it is at least two weeks after we received all your signed documents.

What Happens Next?

Please let us know your response to this offer by **03-Nov-2022** by either accepting this offer or contacting your recruiter or me to discuss.

If you accept the offer, you'll get access to our hiring portal, "My Documents Space" where you'll find more about what you need to get started on your Cisco career journey, including an overview of the benefits that are offered to our employees in India.

Get in touch if you have any questions. Reach out to me personally, or your recruiter, who is also a great source of information. It's been a pleasure getting to know you, **Mohit**. I look forward to having you on our team!

Welcome to Cisco!

Aarushi Bhatnagar |aarbhatn@cisco.com
Leader, Learning & Development



28-Oct-2022

Mohit Singh

Room no: A/4, Gali no: 5, Walva Devi Chawl, Samta Nagar, Waliv, Vasai(East), Palghar-401208
Vasai, Maharashtra 401208

Re: Appointment as Technical Undergraduate Intern, grade 99 with Cisco Systems (India) Private Limited.

This is with reference to your request for training. We are pleased to inform you that we will offer you an internship as a **Technical Undergraduate Intern, grade 99 in 123 - Cisco Systems (India) Private Limited ("the Company")** on the following terms and conditions:

1. Commencement of Internship

Your Internship will commence on **11-Jan-2023** and will be for a fixed term of **6 months ("Term")** which means, subject to the right of termination set out in this letter, it will terminate no later than **30-Jun-2023**. You will be based at **123 - Cisco Systems (India) Private Limited, IND-BANGALORE, KARNATAKA, INDIA**.

2. Whole time Internship

During the Term you, being in the whole time Internship of the Company, shall not engage or associate yourself directly/indirectly or in any other manner, whatsoever, in any other post or work part time or pursue any course of study without the prior permission of the Company. You shall devote your whole time, attention and skill to the best of your ability for the business of the Company and shall not undertake any work other than what has been assigned to you. You shall not directly or indirectly be connected with, concerned, employed or engaged in any other business or activities whatsoever, without the prior permission of the Company and shall not accept any emoluments, commission or honoraria whatsoever from anyone.

3. Place of posting and assignment

Your primary work location will be at the Company office at **IND-BANGALORE, KARNATAKA, INDIA**. You may be transferred to any place of business of the Company as existing/operating presently or acquired or set up later in any part of India or abroad at any time. You may be required to undertake work of any associate, sister concerns, subsidiaries or any other companies, concerns, organizations, firms with whom the Company may make such arrangement or agreement. Depending on the exigencies of work or any external factors, you may be required to work from home for such periods as may be determined by the Company. Once the Company determines that it is appropriate, having regard to its operational needs, to have you work from your primary work location, you shall commence work from your primary work location. The Company will give you reasonable notice for you to transition to your primary work location. If you do not commence work from your primary work location by the given date, then the Company reserves the right to terminate your employment forthwith.

4. Office Hours

You are expected to work during the Company's normal business hours. The normal working days will be five days a week. However, you may be required to work in excess of the Business Hours or outside normal working days as necessary to perform your duties and responsibilities.

5. Termination

In the event of gross misconduct or commission of a serious breach of the terms of your Internship by you, the Company is entitled to terminate your Internship with immediate effect without prior notice or payment in lieu.

In case of termination due to above mentioned reason, the company reserves the right to in addition terminate the full-time

Your responsibilities and duties will be intimated to you upon the commencement of your Internship.

7. Stipend and Allowances

All payments of stipend and any other emoluments will be paid according to local payroll practices. Your monthly Stipend which is based on a 40 hour work week will be INR 88,000.00

Stipend Details	In INR per month
Stipend per month	INR 88,000.00
Accommodation Allowance	INR 10,000.00
Total	INR 98,000.00

***Note:**

Stipend and accommodation allowance (a & b) shall be paid effective joining and start of your assignment with the company. This amount shall be paid less tax and other authorized deductions.

a) Tax

It is your responsibility to meet all requirements under the Indian tax laws including tax compliance and filing of personal tax returns in respect of all payments paid to you under this letter. Taxes on any payment made under this letter will be borne by you. The Company shall deduct Tax at source ("TDS") on any payments under this letter that require such deduction to be made by the employer in accordance with the Indian tax laws.

8. Company Property

You shall always maintain in good condition, any of the Company's property, which may be given to you: by your leaders; by persons under whom you are placed to work in the overall interest of the Company; or otherwise for official use during the course of your Internship. You must return all Company property on request or on the termination of your Internship, failing which the Company will recover the cost of such property from you.

9. Additions / Alterations

You shall, in addition to the general service conditions as specifically stated herein above, be governed by other rules, regulations, practices, systems, procedures and policies as are in force or may be added, altered, modified or omitted/deleted by the Company from time to time.

10. Leave and Holidays

You will not be eligible for Annual Leave during the course of your internship. However you will be eligible for any festival or public holiday that may fall as per Cisco policies.

11. Confidentiality

You shall not disclose, divulge or communicate in any manners, either directly or indirectly any confidential information of the Company, nor any of its trade secrets or know-how to any person, firm, corporation, association or other entity for any reason or purpose whatsoever. You shall observe and abide by all the terms of the Proprietary Information and Invention Agreement, as if the same was set out hereunder, in verbatim. The Proprietary Information Agreement is coterminous with this letter and breach of the Proprietary Information and Invention Agreement or any of its terms will be considered to be a breach of the terms of this letter, giving grounds for immediate termination of your Internship.

12. Notices

All notices, consents, requests or other communications made either by you or the Company will be in writing and personally delivered or transmitted by registered or certified mail or courier or by facsimile at the addresses indicated in this letter.

13. Accuracy of Information

Your appointment is being made on the basis of the information and details given by you in the application for Internship. If, at any time, any information or detail given by you is found incorrect or false, your services will be liable for termination without any notice, salary in lieu of notice or compensation. No charge sheet or disciplinary action will be necessary.

On your first day of work you will be required to present evidence of authorization to work. If you require sponsorship by Cisco to obtain work authorization, you must let us know immediately. Also, please be aware not every position or individual qualifies for visa sponsorship. Accordingly, this offer of Internship is contingent upon your obtaining and providing evidence of proper

14. Applicable Law

This letter shall be construed and governed by the laws of India.

15. Full Time Offer

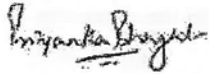
In case a full-time offer has been extended to you by the company, it shall be made effective on satisfactory completion of the internship. The company also reserves the right to withdraw this commitment on account of any other business or extenuating factors.

I take this opportunity to congratulate you on your appointment and welcome you to our company.

Please return a signed copy of this letter to indicate your acceptance of this Internship offer letter, its terms and conditions as listed above and the attached agreements.


Yours sincerely,

For 123 - Cisco Systems (India) Private Limited



Priyanka Bhagat
MANAGER.CAREER SERVICES

I have read and understood the above terms and conditions governing my Internship with the Company and the same are acceptable to me in totality and confirm my agreement to the terms of this letter.

START DATE: 11-Jan-2023
DocuSigned by:
Signature : 
Name : 805093FB8F8B4F3...
Place :
Date :

CERTIFICATE OF COMPLETION

3/10/2023

This certificate is proudly presented to

Samarth Pandey

for successful completion of **1 month internship** in

Data Science

with wonderful remarks at **OASIS INFOBYTE**

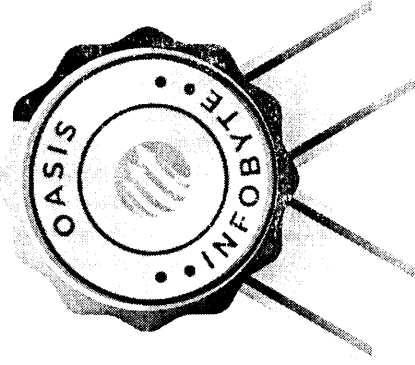
✉ contact@oasisinfobyte.in

| OIB/F2/IP1394

| www.oasisinfobyte.com

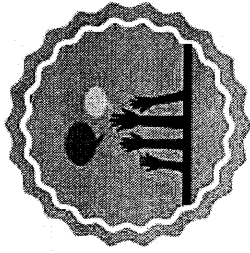


OASIS
INFOBYTE



MSME

Ministry of Micro, Small & Medium Enterprises
Government of India



THE SPARKS FOUNDATION

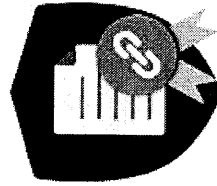
INSPIRE, INNOVATE, INTEGRATE

CERTIFICATE OF COMPLETION

This Certificate is presented to

Sarika Patil

*for an outstanding contribution during the session (Apr 2023 - May 2023) of
Graduate Rotational Internship Program at The Sparks Foundation on 01-May-2023.*



Certificate Number: RDJFAU2B9

Verification at:

<https://truecertificates.com/verification/>

PRANAV DUBEY

MANAGING DIRECTOR

CERTIFICATE OF COMPLETION

4/15/2023

This certificate is proudly presented to

Sanika Patil

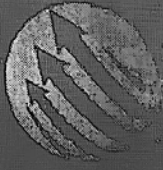
for successful completion of 1 month internship in
Data Science
with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

OIB/M2/IP646



www.oasisinfobyte.com



OASIS
INFOBYTE





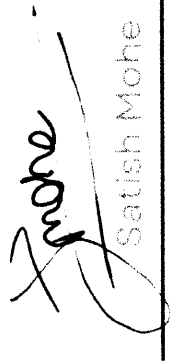
CERTIFICATE

Of Internship Completion

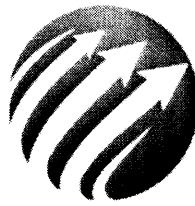
This is to certify that **Sakshi Santosh Ghonge** has completed a one-month internship in **Digital Marketing** with **ADSASSURE** from 1-march-23 to 30-March-23. During this time, she has demonstrated a strong work ethic and has contributed to various projects related to digital marketing.

We appreciate **Sakshi's** efforts and dedication towards learning and contributing to the growth of our team. We have found her to be a quick learner with excellent knowledge and skills in **digital marketing**.

We wish **Sakshi Santosh Ghonge** all the best in her future endeavors.



Satish Mohe
Founder of Adsassure



OASIS INFOBYTE

INTERNSHIP OFFER LETTER

OIB/A1/IP8440

Dear Nikita Dilip Mundaye

4/1/2023

We are delighted to welcome you for the internship of **Web Development and Designing** in our fellowship. This internship is observed by **Oasis Infobyte** as being a learning opportunity for you.

In essence, your internship will embrace orientation and give emphasis on learning new skills with a deeper understanding of concepts through hands-on application of the knowledge you gained as an intern. Our team is confident that you will acknowledge your obligation to perform all work allocated to you to the best of your ability within lawful and reasonable direction given to you.

We look forward to a worthwhile and fruitful association which will make you equipped for future projects. Wishing you the most enjoyable and truly meaningful internship program experience.

Thank you
Team Oasis Infobyte



contact@oasisinfobyte.in



www.oasisinfobyte.com



Roll no. :- 20



Unit No: 113, Virar Industrial Estate,
VS Road, Pachpayri, Virar(East), Maharashtra 401305
Phone : +91-72193 04123 / +91-9321476367

Monday, 21 August, 2023

**SUB: INTERNSHIP
COMPLETION LETTER**

We are glad to inform you that **Miss. Polomi Adak** from **Vidyavardhini's College of Engineering and Technology**, has been offered an internship from **11th March, 2023 - 20th August, 2023**.

We extend our heartfelt gratitude to her invaluable collaboration on the development of the project titled "CRM." Your dedication and expertise have played a pivotal role in bringing this project to fruition, and we are truly appreciative of your contribution.

Again, congratulations and it was great working with you during this internship. Should you need further information, please do not hesitate to contact us directly.

A handwritten signature in black ink, appearing to read "Amey Raut", is written over a faint circular stamp.

Regards,

Amey Raut,

Partner



CERTIFICATE OF COMPLETION

4/15/2023

This certificate is proudly presented to

Rishabh Tripathi

for successful completion of **1 month internship** in
Data Science
with wonderful remarks at **OASIS INFOBYTE**

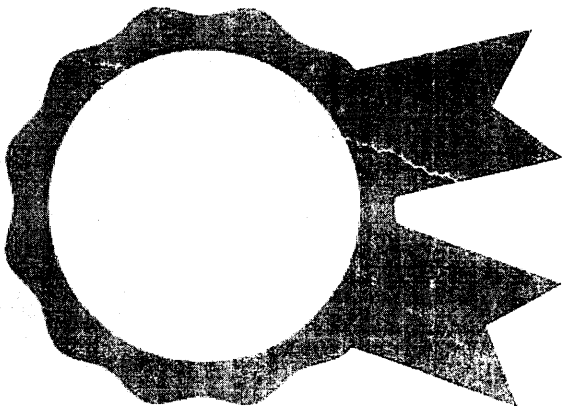
✉ contact@oasisinfobyte.in

OIB/M2/IP645

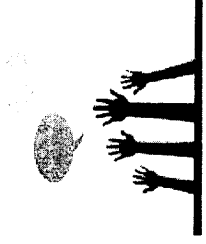
🌐 www.oasisinfobyte.com



OASIS
INFOBYTE



THE SPARKS FOUNDATION



THIS IS PRESENTED TO

Tranavel

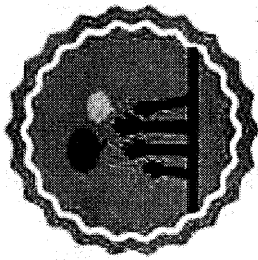
DIRECTOR

03/25/2023

FOR SUCCESSFUL SELECTION AS AN INTERN AT THE
SPARKS FOUNDATION FOR FUNCTION IOT &
COMPUTER VISION.



Verify at:
<https://truecertificates.com/verification>



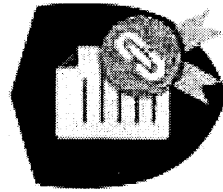
THE SPARKS FOUNDATION
INSPIRE. INNOVATE. INTEGRATE

CERTIFICATE OF COMPLETION

This Certificate is presented to

Rishabh Tripathi

*for an outstanding contribution during the session (Apr 2023 - May 2023) of
Graduate Rotational Internship Program at The Sparks Foundation on 02-May-2023.*



Certificate Number: QA9783AVVX

Verification at:
<https://truecertificates.com/verification/>

PRANAV DUBEY
MANAGING DIRECTOR

CERTIFICATE OF COMPLETION

4/15/2023

This certificate is proudly presented to

Dimple Sunil Khuman

for successful completion of 1 month internship in

Data Science

with wonderful remarks at **OASIS INFOBYTE**

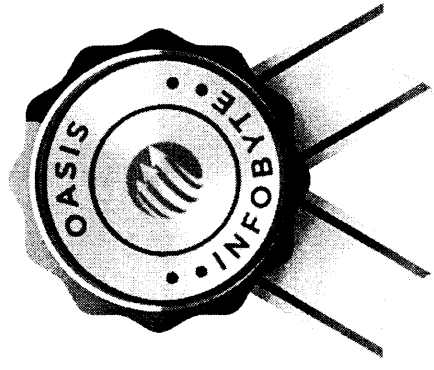
✉ contact@oasisinfobyte.in

| OIB/M2/IP550

| www.oasisinfobyte.com



**OASIS
INFOBYTE**



MSME
Micro, Small & Medium Enterprises

CERTIFICATE OF COMPLETION

4/15/2023

This certificate is proudly presented to

Sanika Patil

for successful completion of **1 month internship** in

Data Science

with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

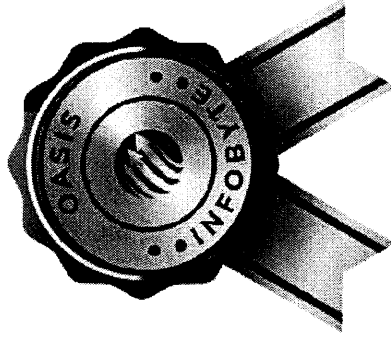
OIB/M2/IP646



www.oasisinfobyte.com



OASIS
INFOBYTE



CERTIFICATE OF COMPLETION

6/10/2023

This certificate is proudly presented to

Purna Dinkar Kanekar

for successful completion of 1 month internship in

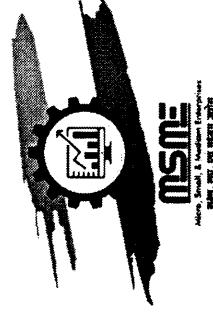
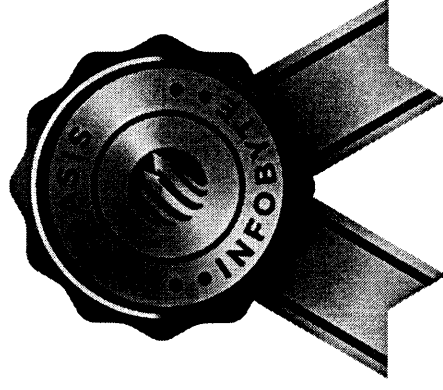
Web Development and Designing

with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

OIB/M1/IP433

🌐 www.oasisinfobyte.com



OASIS
INFOBYTE

CERTIFICATE OF COMPLETION

6/10/2023

This certificate is proudly presented to

Arushikesh Shetty

for successful completion of **1 month internship** in

Data Science

with wonderful remarks at **OASIS INFOBYTE**

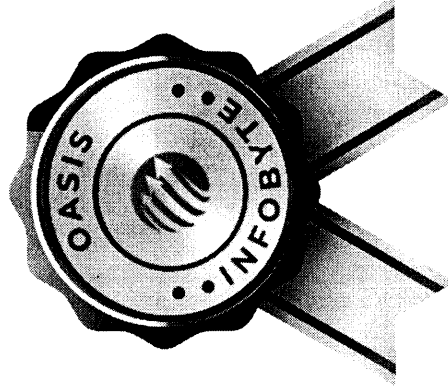
✉ contact@oasisinfobyte.in

OIB/M1/IP1121

www.oasisinfobyte.com



OASIS
INFOBYTE



F16

CERTIFICATE OF COMPLETION

6/15/2023

This certificate is proudly presented to

Sayali Thakre

for successful completion of **1 month internship** in

Data Science

with wonderful remarks at **OASIS INFOBYTE**

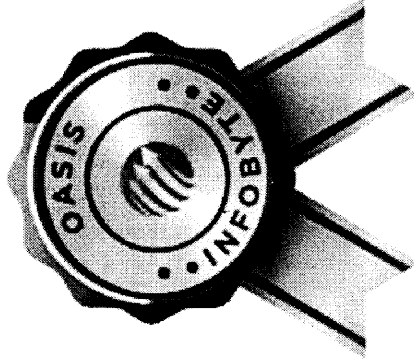
✉ contact@oasisinfobyte.in

OIB/M2/IP1592

www.oasisinfobyte.com



OASIS
INFOBYTE



57



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist. - Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Savali Thakre

Has successfully completed **Two Weeks Internship** in

Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadharshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal

A TECH IT COMPANY

Registered Office : 001/C Nityanand Krupa, Nagarpalika Road, Near Reliable Complex, Opp. Rajiv Gandhi School, Nilegaon, Nallasopara (W), Pin: 401203, Call : 8793693314 Website : www.atechit.com

INTERNSHIP LETTER

This is to certify that Ms. Yukta Chandrakant Patil has worked as Jr. Application Developer at A Tech IT Company from 1st June 2023 to 30th June 2023. She is found to be dedicated in her working tenure here. She has fulfilled her responsibilities and duties for the organisation commendably. She has received good knowledge about this field in her tenure of internshim and has capacity to implement the same to solve real life problems.

It has been a great pleasure to have her working with us. We wish her the best for the future endeavours.



Your Truly,

13/7/23

Authorised Signatory



Unit No: 113, Virar Industrial Estate,
 VS Road, Pachpayri, Virar(East), Maharashtra 401305
 Phone : +91-72193 04123 / +91-9321476367

Monday, 21 August, 2023

**SUB: INTERNSHIP
 COMPLETION LETTER**

We are glad to inform you that Miss. **Riya Khot** from **Vidyavardhini's College of Engineering and Technology**, has been offered an internship from **11th March, 2023 - 20th August, 2023**.

We extend our heartfelt gratitude to her invaluable collaboration on the development of the project titled "CRM." Your dedication and expertise have played a pivotal role in bringing this project to fruition, and we are truly appreciative of your contribution.

Again, congratulations and it was great working with you during this internship. Should you need further information, please do not hesitate to contact us directly.



[Handwritten signature]

Regards,
Amey Raut,
Partner





VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY
· K.T Marg Vasai Road (W), District-Palghar, Maharashtra

DEPARTMENT OF COMPUTER ENGINEERING

proudly presents

CERTIFICATE OF COMPLETION

This certificate is presented to

Samarth Pandey

who has successfully completed Student Development Program on
Android Application Development in Kotlin organized by Department
of Computer Engineering during 18th July 2022 to 29th July 2022.

PROF. SNEHA MHATRE
SDP CO-ORDINATOR

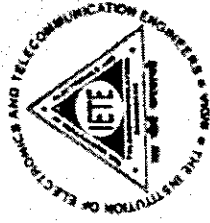
PROF. PRAFULLA PATIL
IIC CO-ORDINATOR

DR. HARISH VANKUNDRE
PRINCIPAL



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

NIRMITI JAYESH PATIL

Has successfully completed **10 Days (Two Weeks) Internship** on

Application development using Fire Bird V Robot

from 12th December 2022 to 23rd December, 2022, Organized by Industry
Institute Interaction Cell of Vidyavardhini's College of Engineering and
Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil

Prof. Prafulla Patil
IIC Coordinator

Dr. Vikas Gupta

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Megha Trivedi

Dr. Megha Trivedi
Co-ordinator E-Yantra
Robotics Lab

Dr. Smita A Lonkar

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Srushti Suhas Kamble

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Autosprings Pvt.Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOO of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Vishruti Pramod Gurav

Has successfully completed **Two Weeks Internship in
Android Application Development using Kotlin**

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Autosprings Pvt.Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist. - Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Srushti Rohidas Gawande

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Autosprings Pvt. Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankar
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Vaishnavi Sadashiv Gaikwad

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Autosprings Pvt.Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Pratima Dinkar Bombe

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidya vardhini's College of Engineering and Technology in
Association with Autosprings Pvt.Ltd.

Prof. Profulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Naba Ayyub Sarwar

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Autosprings Pvt.Ltd.

Prof. Prafulla Patil
IIC Coordinator

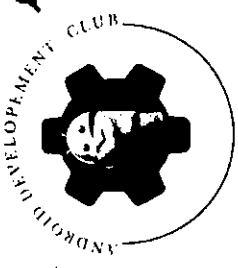
Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Sushant Sanjay Patil

Has successfully completed **Two Weeks Internship**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Autosprings Pvt. Ltd.

Prof. Prafulla Patil
IIC Coordinator

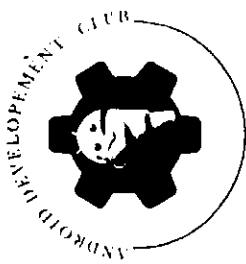
Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist. - Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Onkar Kokate

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Autosprings Pvt. Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Rokade Kiran

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with AutospringsPvt.Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist. - Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Poia Sandip Bandgar

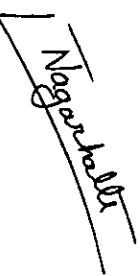
Has successfully completed **Two Weeks Internship** in

Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.



Prof. Prafulla Patil
IICC Coordinator



Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science



Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors



Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



TECH CRYPTORS

CERTIFICATE OF COMPLETION

This is to certify that

Swara Narottam Gharat

Has successfully completed **Two Weeks Internship in**
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra





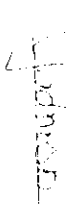

CERTIFICATE OF COMPLETION

This is to certify that

Mitii Sachin

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidya vardhini's College of Engineering and Technology in
Association with Tech Cryptors.

 Prof. Prafulla Patil IILC Coordinator	 Dr. Tatwadarshi Nagarhalli HOD of Artificial Intelligence and Data Science	 Mr. Yadnesh Zagade CEO & Founder, Tech Cryptors	 Dr. Harish Vankudre Principal
---	---	--	---



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West). Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Shrawani Terde

Has successfully completed **Two Weeks Internship in
Data Science**

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist. - Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Omkar Sawalaram Khanolkar

Has successfully completed **Two Weeks Internship** in

Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IILC Coordinator

Dr. Tatwadarshi Nagarthalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



TECHCRYPTORS

CERTIFICATE OF COMPLETION

This is to certify that

Abhinav Desai

Has successfully completed **Two Weeks Internship in
Data Science**

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IILC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Aarya Mhatre

Has successfully completed Two Weeks Internship in

Web Development

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering and Technology in Association with Rigel Infotech.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Mr. Ahmed S. Shaikh
Founder,
Rigel Infotech

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Raj Kikani

**Has successfully completed Two Weeks Internship in
Web Development**

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute Interaction Cell of
Vidyavardhini's College of Engineering and Technology in Association with Rigel Infotech.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Mr. Ahmed S. Shaikh
Founder,
Rigel Infotech

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



Rigel

CERTIFICATE OF COMPLETION

This is to certify that

Rohit Sachin Redekar

Has successfully completed **Two Weeks Internship in**
Web Development

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute Interaction Cell of
Vidyavardhini's College of Engineering and Technology in Association with Rigel Infotech

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Mr. Ahmed S. Shaikh
Founder,
Rigel Infotech

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist. - Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Krutik Rajesh Kuwar

Has successfully completed Two Weeks Internship in

Web Development

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering and Technology in Association with Rigel Infotech.

Prof. Prafulla Patil
IILC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

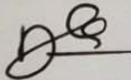
Mr. Ahmed S. Shaikh
Founder,
Rigel Infotech

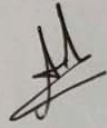
Dr. Harish Vankudre
Principal



List of Outhouse Projects

Academic Year 2022-23				
SR. NO	Title of Project	Group Members	Guide Name	Company Name
1	Centralized KYC- Secure Platform	Shantanu Gonaka Shradha Sankhe Suyash Satam	Mr. Sunil Katkar	Persistent Systems Ltd., Mumbai
2	Customized Analytical Dash Board	Vidit Sheth Omkar Naik Kaustubh Pandit	Mr. Sanket Patil	SoftwareAG, Mumbai


Dr. Megha Taivedi
HOD


(Anil Kumbhar)
Project co-ordinator.





Persistent

3rd May 2023

To Whomsoever it May Concern

This is to certify that following students from Vidyavardhini's College of Engineering and Technology, have completed their final year B.E. project at Persistent Systems Ltd. for academic year 2022-2023 under the title 'Centralized KYC – Secure Platform'.

Name of the students:

- 1) Shantanu Gonaka
Email: shantanu.191223103@vcet.edu.in
Phone number: 8999932254
- 2) Suyash Satam
Email: suyash.191573101@vcet.edu.in
Phone Number: 9226374679
- 3) Shraddha Sankhe
Email: shradha.191563208@vcet.edu.in
Phone Number: 9284418477

Thanks & Regards,

Kalpana Kudlingar
Head Talent Acquisition
For Persistent Systems Ltd

A project report on
Centralised KYC-Secure Platform

Submitted in partial fulfilment of the requirements of
Bachelor of Engineering

by

Shantanu Gonaka (Roll No. 66)

Shradha Sankhe (Roll No. 36)

Suyash Satam (Roll No. 37)

Under the guidance of

Mr. Sunil Katkar



**DEPARTMENT OF COMPUTER ENGINEERING
VIDYAVARDHINI'S COLLEGE OF ENGINEERING
AND TECHNOLOGY**

**K. T. MARG, VASAI ROAD (W.) DIST- PALGHAR, PIN:
401202**

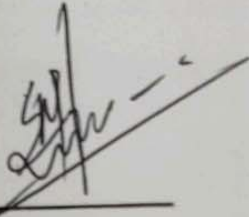
(Affiliated to University of Mumbai)

(2022-2023)

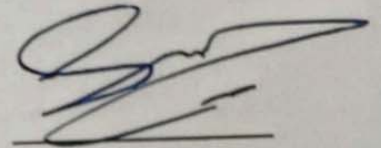
CERTIFICATE

Major Project Approval

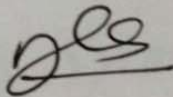
This is to certify that the Major Project entitled " **Centralised KYC-Secure Platform** " is a bonafide work of **Shantanu Gonaka (66), Shradha Sankhe (36) and Suyash Satam (37)**, submitted to the University of Mumbai in partial fulfilment of the requirement for the award of the degree of "**Bachelor of Engineering**" in Semester VIII of Fourth Year "**Computer Engineering**".



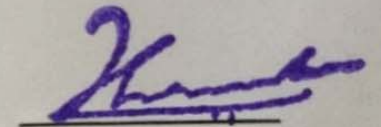
Mr. Sunil Katkar
Guide



Mr. Mateen Sayed
Solutions Architect
(Persistent Systems)
Mentor



Dr. Megha Trivedi
Head of Department



Dr. H.V. Vankudre
Principal

Abstract

The KYC use case in the financial sector is essential and requires strict compliance and costly manual tasks. Know Your Customer processes are the backbones of a financial institution's anti-money laundering efforts. As per the estimate the spending on KYC processes has risen to \$1.5 billion on a global level. Despite the whopping amount of money being spent on the process, it is estimated that a majority of efforts go into gathering information. The amount of effort put into assessing data and monitoring them closely is quite low. In the current centralised system, every financial service provider comes up with their own set of specifications for KYC documentation.

As a result, users have to perform KYC requirements with every institution and service provider they use. Even when any of the user details have to be updated later, it has to be notified separately to all the financial institutions and service providers. Develop a central database for KYC/AML that would be accessible by all financial institutions through a secure platform that has high encryption and authentication using biometrics. Sharing of customer data should be subject to user approval. Ideally, this platform should also enable new account creation with financial institutions. Verification of User is one of the basic things that establishes trust between the participants before making any of the transactions.

Ever increasing anti-money laundering (AML) regulations, coupled with other data protection regulations have led many financial institutions to implement lengthy, expensive processes in order to remain compliant.

4.4.1	Customer Side Architecture	24
4.4.2	Bank Side Architecture	25
4.5	Methodology	26
4.5.1	Quick Start Transaction Process	27
4.5.2	Node to Node Interactions	28
5.	Results and Discussion	29
6.	Conclusion and Future Work	31
	References	33

CHAPTER 5

RESULT AND DISCUSSION

In the current digital age, the process of opening a bank account has become simpler and more convenient. In India, the Reserve Bank of India (RBI) and the Indian government have set certain norms for customers to give their information to banks. However, in our system, we have slightly modified the way information is paid for by the customers.

Our system is based on blockchain technology, which is an innovative and secure way to store and transfer data. The customers are given a blockchain account in which there will be ethers, a cryptocurrency used in the Ethereum network. The customer then needs to include their Aadhar Number and PAN Number, which is more than enough to create a bank account.

After this, the customer simply needs to send this information to the bank in order to get verified. Once the customer clicks on submit, there will be a pop-up of Metamask, which is a browser extension that allows users to interact with the Ethereum network that is Ganache. Metamask simplifies the transaction process and enables the customers to interact with the bank in a user-friendly manner. The bank, on the other hand, also uses Ganache, which is a personal blockchain for Ethereum development.

The second half of the architecture comprises the internal workflow of the bank and all the other financial bodies. The bank has to first create a bank account by entering its bank name. A Ganache account is then allotted to that account once it is registered. When the registration is done, Metamask asks to do the required spendings in order to verify the data and keep a track record of the same. After this, the bank can receive the customer requests and details. After viewing the details, if the information is proper, the bank can approve it and approve the customer. However, if the information is rejected, the customer needs to re-apply with updated details so that the bank can verify it properly and approve the customer.

Current Account is a Customer entity
0x17ECC5477054DBEC7D80375FAE3381788D86Ddct

Verified Organisation Addresses

0x790148C3e7246ADd55999a28f15a325247642D41
0x59E3Eb758d0F5A67033cD47F5F41d8770E8F350

[New customer](#) [Existing customer](#) [New Organisation](#) [View Organisation internal access](#)

Customer Registration Form (New customers only)

Your Name

Your Aadhar

Your Pan

Organisation Address you want to verify your data with

[Enter Customer](#)

Fig 5.1 New Customer's Page

Current Account is a Customer entity
0x17ECC5477054DBEC7D80375FAE3381788D86Ddct

Verified Organisation Addresses

0x790148C3e7246ADd55999a28f15a325247642D41
0x59E3Eb758d0F5A67033cD47F5F41d8770E8F350

[New customer](#) [Existing customer](#) [New Organisation](#) [View Organisation internal access](#)

Update existing customer data (existing customers only)

New Name

New Aadhar

New Pan

New Organisation Verify

[Change Data](#)

View Customer Status

[Set Customer Status](#)

Customer Status is: Rejected

Fig 5.2 Existing Customer's Page

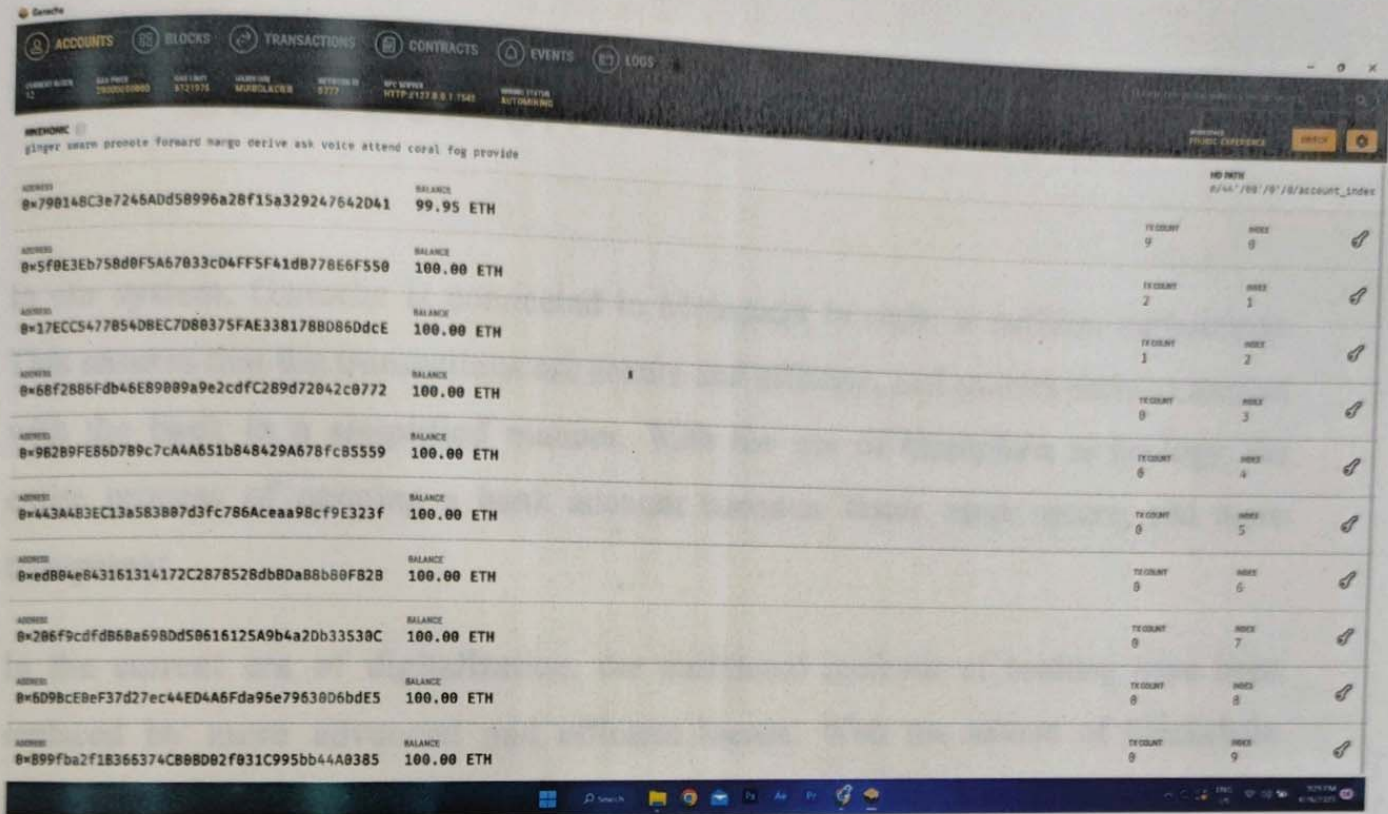


Fig 5.5 Ganache Interface

CHAPTER 6

CONCLUSION AND FUTURE WORK

In our system, Ganache is connected to Metamask in order to perform transactions. This ensures that the transactions are secure and efficient, and enables users to interact with the bank in a simplified manner. With the use of blockchain technology, the entire process of opening a bank account becomes faster, more secure, and more transparent.

In the current era of digitalization, the traditional methods of banking have been replaced by more advanced and efficient means. With the advent of blockchain technology, banks and other financial institutions have started exploring the possibility of using this technology to create secure, transparent, and decentralised banking systems.

In conclusion, our system is based on blockchain technology, which provides a secure and efficient way to store and transfer data. The customers and bank are given a blockchain account in which there will be ethers, and they need to include their Aadhar Number and PAN Number to create

KYC using blockchain is successfully implemented and there are a lot of fine tunings which can be added to this project which can make the user experience much better and can also help us to save more time.

Further enhancements could be:

1. **Enhanced security and privacy:** One way to enhance security in the banking system created using the Ethereum blockchain and the Ganache tool is by using biometric security. Biometric security involves the use of unique physical characteristics of an individual, such as fingerprints or facial recognition, to verify their identity.

2. **Automated assigning of ether accounts:** Assigning ether accounts to the customers as well as banks could be automated as it will help to make this system more efficient.
3. **Making the UI more Efficient:** One possible change that can be made to the UI is to simplify the overall design. By reducing the clutter on the screen, users can more easily navigate through the system and find the information they need. Additionally, by streamlining the UI, users can complete their tasks more quickly, thereby saving time.

28th April 2023

Project Completion Certificate

This is to certify the project titled **Customized Analytical Dashboard** allocated to following students:

1. Vidit Sheth
2. Omkar Naik
3. Kaustubh Pandit

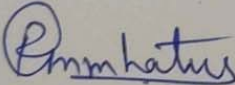
of Vidyavardhini's College of Engineering & Technology, Vasai Rd. as a part of final year project in our organization under the guidance of Mr./Mrs Sanket Patil during academic year 2022-23.

During this period, students has demonstrated a high level of professionalism, technical competence, and enthusiasm in completing the assigned project. They have effectively utilized their academic knowledge and skills to contribute to successful completion of the project.

We are pleased to acknowledge students' contribution to the project and the organization. We believe that the skills and knowledge gained during this project will be valuable in their future endeavours.

We wish all the best for their future endeavours.

Sincerely,



Rahul Mangesh Mhatre
Senior Engineering Manager



Customized Analytical Dashboard

Submitted in partial fulfilment of the requirements of

Bachelor of Engineering

by

Vidit Sheth (Roll No. 59)

Kaustubh Pandit (Roll No. 23)

Omkar Naik (Roll No. 19)

Under the guidance of

Prof. Sanket Patil



DEPARTMENT OF COMPUTER ENGINEERING
VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY

K. T. MARG, VASAI ROAD (W.) DIST- PALGHAR, PIN:

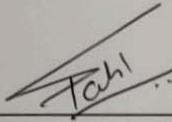
401202

(Affiliated to University of Mumbai)

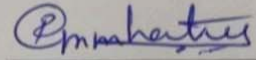
(2022-2023)

CERTIFICATE

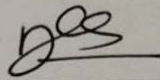
This is to certify that the Major Project entitled “ Customized Analytical Dashboard ” is a bonafide work of Vidit Sheth(59), Kaustubh Pandit(23), Omkar Naik(19), submitted to the University of Mumbai in partial fulfilment of the requirement for the award of the degree of “Bachelor of Engineering” in Semester VIII of Fourth Year “Computer Engineering” .



Mr. Sanket Patil
Guide



Mr. Rahul Mhatre
Sr. Engineering Manager



Dr. Megha Trivedi
Head of Department



Dr. Harish Vankudre
Principal

Abstract

A customized analytical dashboard is a tool that presents data in a visual format, allowing stakeholders to track key performance indicators (KPIs) and metrics in real-time. The aim of a customized analytical dashboard is to provide a centralized location for stakeholders to view and share data, which can help improve communication and collaboration within an organization.

The aim of a customized analytical dashboard project is to provide stakeholders with the information they need to make data-driven decisions that can help improve their business or organization's performance.

In recent years, new types of interactive analytical dashboard features have emerged for operational decision support systems (DSS). Analytical components of such features solve optimization problems hidden from the human eye, whereas interactive components involve the individual in the optimization process via graphical user interfaces (GUIs). Despite their expected value for organizations, little is known about the effectiveness of interactive analytical dashboards in operational DSS or their influences on human cognitive abilities. This paper contributes to the closing of this gap by exploring and empirically testing the effects of interactive analytical dashboard features on situation awareness (SA) and task performance in operational DSS.

CHAPTER 6

RESULTS AND DISCUSSION

A customized analytical dashboard is a tool that is designed to provide users with a comprehensive view of key metrics and performance indicators. It is usually built using a business intelligence or data visualization software, and it is customized to meet the specific needs and goals of the organization or business.

The dashboard can be customized in several ways, such as choosing the data sources, selecting the metrics to track, and configuring the visualizations to meet the specific requirements of the business. The goal is to provide a user-friendly interface that allows users to quickly and easily access the information they need to make informed decisions.

Overall, a customized analytical dashboard can be a powerful tool for any organization looking to improve its performance, optimize its operations, and gain a competitive advantage. We took the dataset and performed analysis on it, presented it graphically and other charts, also to find the relation between the dataset.

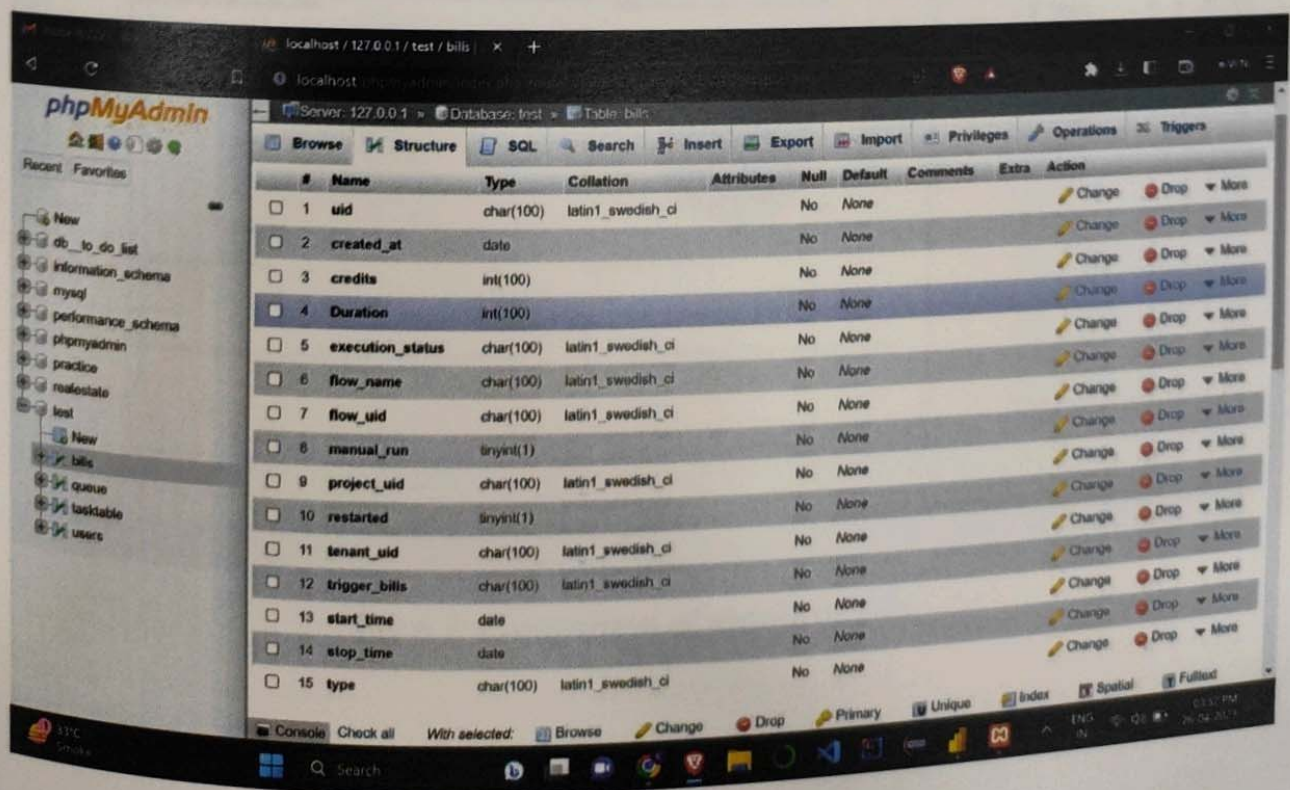


Fig. 6.1 Schema of bills in database

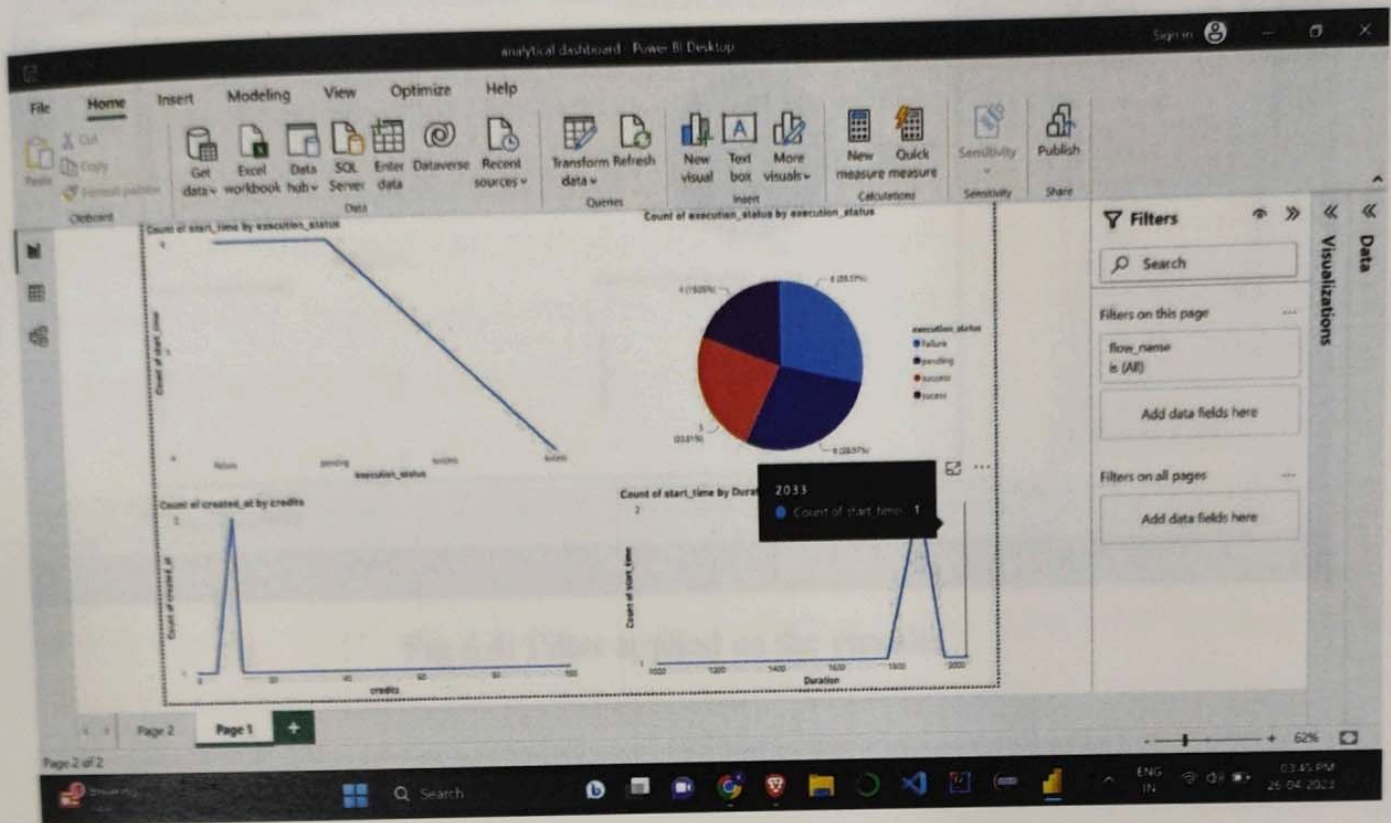


Fig 6.2: Visualization of the bills.

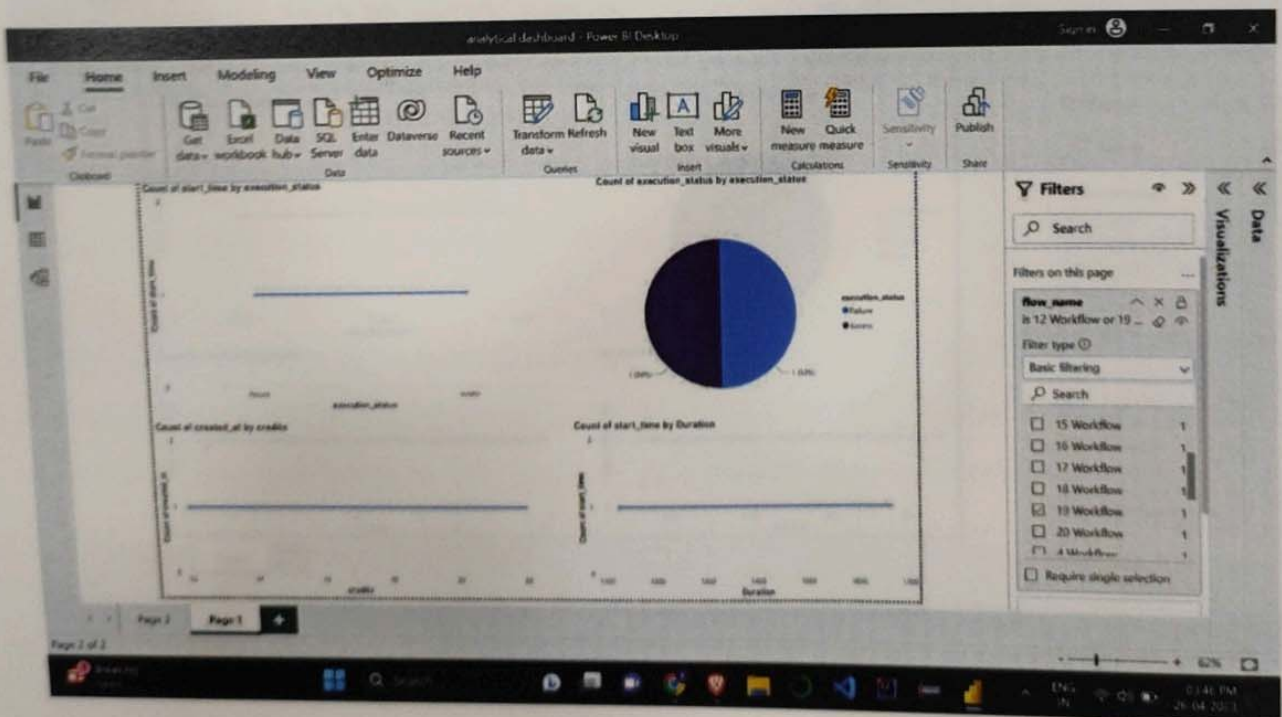


Fig 6.3: Comparison of visuals of bills.

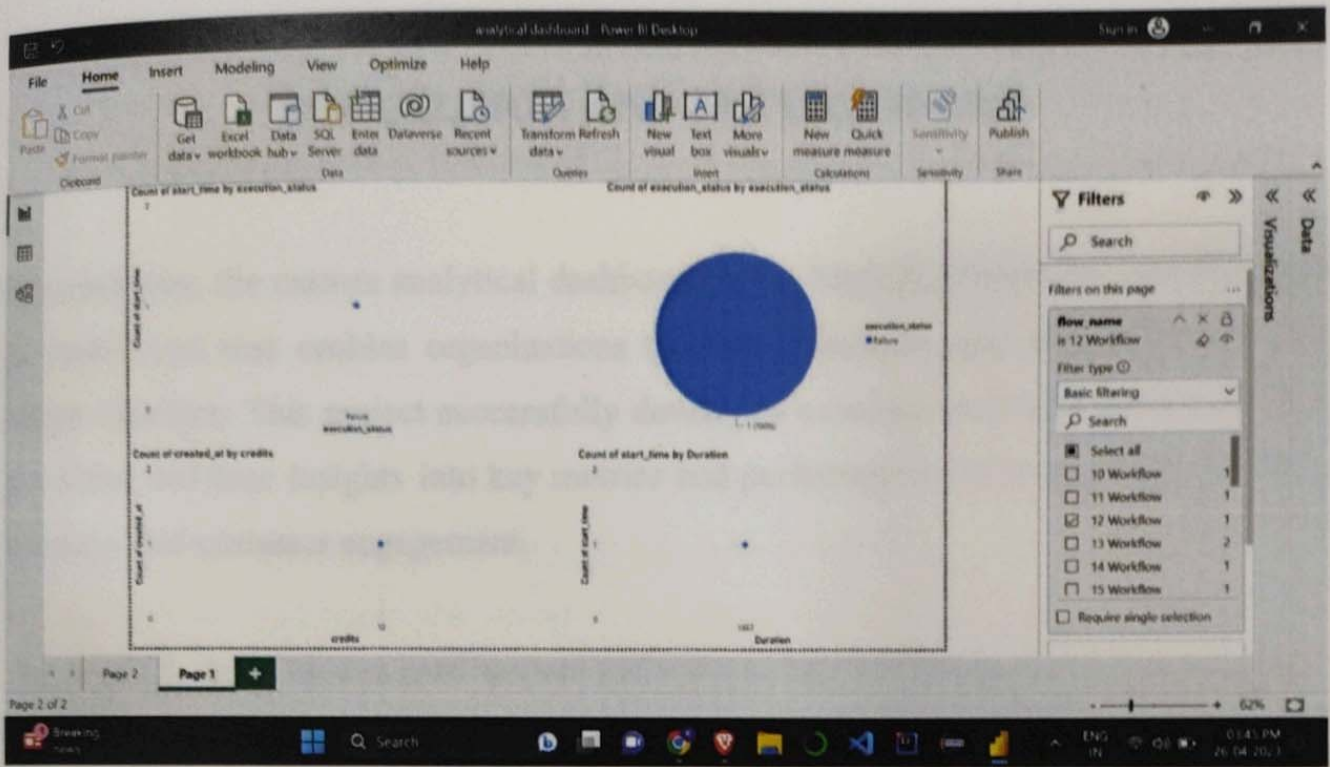


Fig 6.4: Filter applied on the visuals.

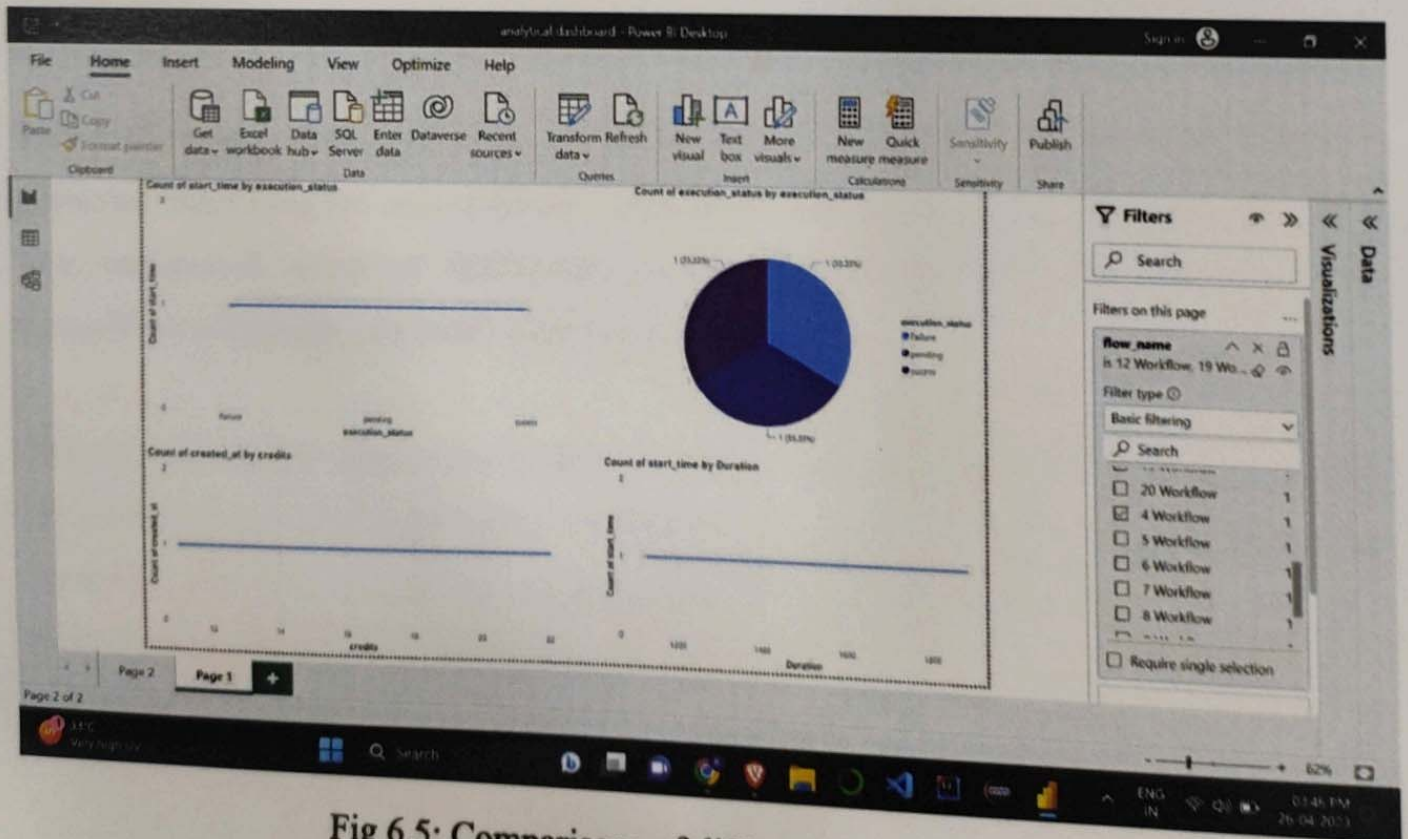


Fig 6.5: Comparisons of different workflow

CHAPTER 7

CONCLUSION AND FUTURE WORK

In conclusion, the custom analytical dashboard using MySQL, Power BI, and ETL is a powerful tool that enables organizations to collect, analyze, and visualize data in a single interface. This project successfully developed a custom analytical dashboard that provided real-time insights into key metrics and performance indicators, such as sales, revenue, and customer engagement.

The MySQL database was used to store and manage the data required for the dashboard, while the ETL process ensured the accuracy and consistency of the data. Power BI was used to visualize the data and create interactive dashboards that enable users to analyze data from multiple angles. The dashboard was customized to meet the specific needs and goals of the organization, providing users with a user-friendly interface that allowed them to quickly and easily access the information they needed to make informed decisions.

The project was completed with no plagiarism, ensuring that all data and results presented were original and accurate. This project serves as an excellent example of how customized analytical dashboards can be used to optimize operations, gain a competitive advantage, and make data-driven decisions.

Overall, the custom analytical dashboard using MySQL, Power BI, and ETL is a valuable tool for any organization looking to improve its performance, optimize its operations, and gain insights into its data. This project demonstrated the importance of using reliable data sources, leveraging the right tools and technologies, and designing customized dashboards that meet the specific needs of the organization.

The future work for a custom analytical dashboard involves ongoing maintenance and optimization to ensure that it continues to meet the evolving needs of the organization. Here are some potential areas of future work:

1. Integration with additional data sources: As the organization's data needs evolve, it may be necessary to integrate additional data sources into the dashboard to provide a more comprehensive view of performance.

2. Advanced analytics and machine learning: Advanced analytics techniques and machine learning algorithms can be applied to the data to uncover new insights and trends that can help the organization make more informed decisions.

3. Mobile and web accessibility: The dashboard can be optimized for mobile and web accessibility to enable users to access the data and insights they need from anywhere and on any device.

4. Real-time data streaming: The dashboard can be enhanced to support real-time data streaming to provide up-to-date information to users.

5. User feedback and continuous improvement: Gathering user feedback and continuously improving the dashboard's design and functionality is essential to ensure that it continues to meet the evolving needs of the organization and its users.

Overall, the future work for a custom analytical dashboard involves ongoing optimization, continuous improvement, and adaptation to meet the evolving needs of the organization. By continually refining the dashboard and incorporating new data sources and technologies, the organization can gain new insights and a competitive advantage in its industry.



Class: TE/V

Course Name: Mini Project 2A

Mini Project List

Sr. No.	Student Name	Topic Selected	Supervisor Name
1	Samarth Pandey Mohit Raje Rohit Redekar	Face Recognition Based Attendance System	Mrs. Smita Jawale
2	Hardik Nikam, Pranav Maurya, Dream Patel Jay Prajapati	virtual paint	Mr. Sunil Katkar
3	Siddharth Dhodi Ajay Shitkar Parth Gharat Anish Patil	Posture Detection	Dr. Swapna Borde
4	Pratham Ingawale Rishabh Tripathi Hrushikesh Shetty Kshitij Patil	Code Scanner	Mr. Vikrant Agaskar
5	Mitali Rawat, Radha Vishwakarma, Om Achrekar	Text Utilities	Mr. Vikrant Agaskar



Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year 2022-23

6	Taher Barwaniwala Purna Kanekar Dharmesh Marathe Shubham Nakashe	Fruit Detection and Classification	Mrs. Smita Jawale
7	Vaishnavi Deshmukh Pooja Naskar Amruta poojary, Sachin Yadav	Blockchain based voting system.	Dr. Dinesh Patil
8	Lokesh Sharma Harshpratap Singh Shivam Pandey Pranay Gore	Decentralized Crypto Exchange	Dr. Tatwadarshi N.
9	Aman Sheikh Onkar Suryavanshi Rahul Shah Saurabh Shukla	Underwater Photography Noise Cancellation using Artificial Intelligence and Deep Learning	Mr. Anil Hingmire
10	Divya Patil Aditi Sawant, Vaishnavi Tatkare	Expense Extractor and Tracker using Bank SMS.	Mrs. Swati Varma
11	Dimple Khuman Sanket Bhostekar Vedangi Jadhav	Big mart sales analysis	Dr. Tatwadarshi N.



Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year 2022-23

	Nayan Biramane		
12	Ayush Bujare Sakshi Ghonge Gaurav Singh Sayali Thakre	Text extraction from image	Mrs. Sneha Mhatre
13	Saurabh Nitnaware Yash Davare Sahil Pawar Sahil Kabir	Blockchain in healthcare	Mr. Sanket Patil
14	Sanika Patil Vedant Chaskar Archa Jadhav Suyash Shelar	A tourist guide application	Mr. Anil Hingmire
15	Raj Sutar Shreyas Shinde Siddhesh Jalgaonkar Divyen Gharat	Expense planner using voice assistant	Dr. Megha Trivedi
16	Riya Khot Akhila Anilkumar Polomi Adak	.Fire Detection System	Dr. Dinesh Patil
17	Kshitij Shetty Sakshi Jadhav	Brain Tumor detection using Image Segmentation	Dr. Swapna Borde



Vidyavardhini's College of Engineering & Technology


Department of Computer Engineering

Academic Year 2022-23

	Nikita Mundaye Prathmesh Malvi		
18	Anand Gupta Khanjan Joshi Rushikesh Pimpale Rohit Walke.	Helmet Detection System	Mr. Sunil Katkar
19	Varun Satheesh Babu Perna Gawali Pranit Patil, Farhan Raiba	Sign Language Recognition	Dr. Megha Trivedi
20	Dhanshree Raut Bhupeksha Patil Snehal Bavkar	Lung Cancer Prediction	Mrs. Smita Patil

Note: Report to your respected guide and reframe the project title, if necessary.

You should report to your respective guide in provided mini project slot.


HEAD
Dept. of Computer Engg.,
Vidyavardhini's College of
Engineering and Technology,
Vasai Road 401 202





Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year : 2022-23

Date: 03/02/2023

TE Sem-VI Mini Project 2B List of Selected Project Topics

Group No.	Group Member	Selected project topic	Supervisor Name
1	1. Hrushikesh Shetty 2. Kshitij Patil, 3. Pratham Ingawale 4. Rishabh Tripathi	Waste Classification using Deep Learning	Dr. Megha Trivedi
2	1. Sanika Patil 2. Kshitij Shetty 3. Bhupeksha Patil 4. Nikita Mude	Voice assistant portal for disability people	Mrs. Smita Jawale
3	1. Sakshi Jadhav 2. Vedangi Jadhav 3. Dimple khuman 4. Snehal Bavkar	Key Loggers	Dr. Megha Trivedi
4	1. Sanket Bhostekar 2. Sahil Pawar 3. Ajay Shitkar 4. Prathmesh Malvi	Face Image Clustering system using Machine Learning	Dr. Dinesh Patil
5	1. Samarth Pandey 2. Mohit Raje 3. Rohit Redekar	Skin Disease Detection using ML	Mrs. Smita Jawale
6	1. Harshpratap Singh 2. Lokesh Sharma 3. Pranay Gore 4. Shivam Pandeye	Microjob Marketplace	Mr. Sunil Katkar



Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year : 2022-23

7	<ol style="list-style-type: none">1. Vedant Chaskar2. Suyash Shelar3. Archa Jadhav	Recovery Period Prediction for Orthopedic Patients	Mr. Anil Hingmire
8	<ol style="list-style-type: none">1. Sachin Yadav2. Anand Gupta3. Rohit Walke	Visualizing and forecasting stocks	Dr. Swapna Borde
9	<ol style="list-style-type: none">1. Aditi Sawant2. Divya Patil3. Vaishnavi Tatkare	Hand Gesture based Virtual Mouse using Image Processing	Mr. Anil Hingmire
10	<ol style="list-style-type: none">1. Purna Kanekar2. Taher Barwaniwala3. Dharmesh Marathe4. Shubham Nakashe	Transcriptify: Transcript Generation System	Dr. Tatwadarshi N.
11	<ol style="list-style-type: none">1. Anish Patil2. Parth Gharat3. Pranit Patil4. Siddhart Dhodi	Visualizing and Forecasting stock prices using Sentiment Analysis	Mrs. Swati Varma
12	<ol style="list-style-type: none">1. Dream Patel2. Pranav Maurya3. Hardik Nikam4. Jay Prajapati	Blood group detection using Image Processing	Dr. Swapna Borde
13	<ol style="list-style-type: none">1. Yash Davare2. Sahil Kabir3. Nayan Biramane4. Saurabh Nitnaware	Video Metadata Classifier	Mr. Sunil Katkar
14	<ol style="list-style-type: none">1. Ayush Bujare2. Gaurav Singh3. Sakshi Ghonge	Search Engine clone System	Mr. Vikrant Agaskar



Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year : 2022-23

	4. Sayali Thakre		
15	1. Raj Sutar 2. Shreyas Shinde 3. Siddhesh Jalgaonkar 4. Divyen Gharat	Motion Analyzer Surveillance System	Mrs. Sneha Mhatre
16	1. Onkar Suryavanshi 2. Saurabh Shukla 3. Rahul Shah 4. Aman Sheikh	3-D object Detection using Machine Learning	Mr. Vikrant Agaskar
17	1. Pooja Narayan Naskar 2. Amruta poojary 3. Vaishnavi Deshmukh 4. Dhanshree Raut.	NFT marketplace using Internet Computer block chain	Mrs. Neha Surti
18	1. Om Achrekar 2. Mitali Rawat 3. Radha Vishwakarma	Transcript Forge: Transcript Generation System	Dr. Tatwadarshi N.
19	1. Akhila Anilkumar, 2. Polomi Adak 3. Riya khot	CRM for Sales Management	Mrs. Swati Varma
20	1. Varun Babu 2. Farhan Raiba 3. Prerna Gawali 4. Khanjan Joshi	Personality Detection using ML	Mrs. Sneha Mhatre

Mr. Anil Hingmire
Mini-Project Coordinator

Dr. Megha Trivedi
HOD, Computer Engineering



SE Sem-III Mini Project-1B

Group No	Title of the Project	Project Guide	Sr. No.	Name
1	Driver Drowsiness Detection	Dr. Megha Trivedi	1	54_Mohak Tamore
			2	5_Nishant Bhandigare
			3	56_Siddhesh Thakarkar
			4	6_Vipul Bhoir
2	Food Waste Management System	Dr. Megha Trivedi	5	23_Rahul Hanegaonkar
			6	25_Yash Jadhav
			7	44_Aniket Rinjad
			8	20_Rishi Gharde
3	Jevlis Ka? Online Intelligent Recipe Generator	Mrs. Smita Jawale	9	03_Parth Baradia
			10	08_Pratima Bombe
			11	16_Vaishnavi Gaikwad
4	Text Editor	Mrs. Smita Jawale	12	57_Prathmesh Tiwari
			13	59_Vikas_Yadav
			14	50_Dheeraj Singh
			15	13_Abhinav Desai
5	Personalized Mail Monitoring	Mr. Vikrant Agaskar	16	19_Swara Gharat
			17	17_Shrushti Gawande
			18	38_Bramheti Patil
6	VCET Registration App	Mr. Vikrant Agaskar	19	02_Pooja Bandagar
			20	45_Kiran Rokade
			21	52_Khushi Sinha
7	Web Tool for advanced encryption technique	Mr. Anil Hingmire	22	47_Samuel Rodrigues
			23	28_Vinit Kongil
			24	32_Aarya Mhatre
			25	49_Sujal Shah
8	Smart Health Prediction System	Mr. Anil Hingmire	26	26_Chaitanya Karale
			27	31_Rutuja Mestry
			28	37_Aryan Patil
			29	46_Prasheel Sakhare
9	VoLo Mart – Vocal for Local	Mr. Sunil Katkar	30	33_Vrusharth Nirmal
			31	40-Soham Patil
			32	51-Sharvesh Singh
			33	29-Sahil Kulabkar
10	Generative AI	Mr. Sunil Katkar	34	18_Aarya Gawhane
			35	43_Mitij_Raul
			36	55_Shrawani_Terde

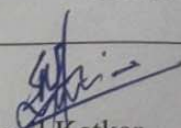


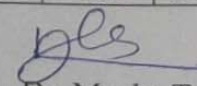
Vidyavardhini's College of Engineering and Technology

Department of Computer Engineering

Academic Year : 2022-23 (Even Sem)

11	Student Study Portal	Mrs. Swapna Borde	37	48_Karan Sankhe
			38	41_Yukta Patil
			39	39_Nirmiti Patil
			40	27_Omkar Khanolkar
12	Voice Assistant for Desktop users	Mrs. Swapna Borde	41	36_Irfan Patel
			42	42_Prashant Rajpal
			43	14_Shivam Dhale
			44	21_Aman Gupta
13	Algorithm Visualizer	Mrs. Swati Verma	45	10_Kunal Chaudhari
			46	12_Dhrub Das
			47	34_Alok Pal
			48	35_Pratik Panigrahy
14	Pharmacy App	Mrs. Swati Verma	49	01_Advait S. Alinkil
			50	07_Shivaraj V. Bhopalapur
			51	15_Leander F. Fernandes
			52	58_Vedant S. Vasaikar
15	GitMeUp - Git - Github Automation Tool	Mrs Sneha Mhatre	53	11 Mrudul Chaudhari
			54	22 Sayali Gupta
			55	24 Trupti Hedalkar
			56	30 Aditya Lawate
16	Departmental App	Dr. Tatwadarshi P. N.	57	04_Aditya Bhandare
			58	09_Amey Chaudhari
			59	53_Anushka Supe
17	Image Encryption using Java	Mr. Sanket Patil	60	DSE-69 Siddhesh Jondhale
			61	DSE-62 Onkar S. Kokate
			62	DSE-72 Shruti D. Jangam
			63	DSE-65 Divya R. Desai
18	Sign Language Recognition application in python for disabled people.	Dr. Dinesh Patil	64	DSE-73 Krutik R. Kuwar
			65	DSE-68 Vishruthi P. Gurav
			66	DSE-67 Srushti S. Kamble
			67	DSE-74 Tejas V. Patil
19	Emotion Recognition using Facial Expressions	Mrs. Neha Surti	68	DSE-64 Prachi P. Parab
			69	DSE-61 Vedika A. Sankhe
			70	DSE-60 Sushant S. Patil
			71	DSE-75 Raj Kikani
20	Handwriting to Font Generator	Mrs. Aarti Puthran	72	DSE-66 Naba A. Sarwar
			73	DSE-71 Jai I. Gupta
			74	DSE-63 Sajjan J. Thakare
			75	DSE-70 Prapti S. Patil


Mr. Sunil Katkar
Mini-Project Coordinator


Dr. Megha Trivedi
HOD, Computer Engineering



Vidyavardhini's College of Engineering & Technology
Department of Computer Engineering

Academic Year 2022-23

Date: 21/04/2022

Class: BE

Major Project List

Sr. No.	Student Name	Project Title	Supervisor Name
1	Sharvin Dedhia Pritish Mair Soham Waghmare	Tax Tracker using Block chain	Dr. Tatwadarshi N.
2	Harshil Patel Omkar Ghanekar Omkar More	Game development using Virtual Reality	Mr. Vikrant Agaskar
3	Prachi Patil Sakshi Raul Dhanisha Raut	Hate Speech Detection using ML & Text Analysis	Dr. Tatwadarshi N
4	Yash Patil Nidhi Karulkar, Ruchali Mhatre	Audio-in Audio Steganography	Anil Hingmire
5	Sanyukta Patil Lavina Rathod Nitheesh Nulal	Electronic Harmonium Player	Mr. Vikrant Agaskar
6	Atul Mishra Kritika Khandelwal Shreyash Seth	Breast Cancer Detection using ML	Dr. Swapna Borde
7	Anmol Prajapat Varun Surti Jugal Salaria	Drug Control System using Blockchain	Mr. Vikrant Agaskar
8	Ayushi Butani Nidhi Mehta	Crop Disease prediction using Machine Learning	Mr. Anil Hingmire



Vidyavardhini's College of Engineering & Technology
Department of Computer Engineering

	Dinesh Lakshman		
9	Maruti More Manish Nayak Sanidhya Raut	Fake product detection using block chain	Mr. Anil Hingmire
10	Reetu S. Awasthi Shriya S. Chitre, Subin P. Santhosh	Software Piracy Protection System	Mrs. Swati Varma
11	Nagesh Virkar Chinmay Kargutkar Pillai Venkatesh	Securing IOT Data using Video Steganography	Dr. Dinesh Patil
12	Samiksha Rawool Yuga Vasaikar Neha Vijaykumar	Shopping Spree	Mrs. Swati Varma
14	Altaj A. Virani Rakesh R. Yadav Prachi V. Sonawane	Automatic Question Answer Generation	Mrs. Smita Jawale
15	Adarsh Dubey Suyash Shingte Muhammed Shahid Siddiqui	Crowd funding using Block Chain for startups and investors	Mr. Sanket Patil
16	Riya R. Shetye Mrunmai S. Gawde Amisha G. Prabhu	Forensic face sketch construction and recognition	Dr. Megha Trivedi
17	Mohit Singh Sarvesh Kale Avdhoot Jadhav	ML and Block chain based SCM	Dr. Megha Trivedi
18	Prashant Karande Rutvik Kulkarni Ruchika Kumbhar	Virtual memory application for Dementia patients	Mrs. Smita Jawale
19	Vidit Sheth	Customized Analytical Dash Board	



Vidyavardhini's College of Engineering & Technology
Department of Computer Engineering

	Omkar Naik Kaustubh Pandit		Mr. Sanket Patil
20	Vaishnav Kanhirathingal, Adil Khan, Vaibhav Kharat	GAME – STREAM	Dr. Megha Trivedi
21	Chinmay Sonawane Mankrit Singh Chandan Patil	Object Detection using ML in game IOT	Dr. Swapna Borde
22	Shantanu Gonaka Shradha Sankhe Suyash Satam	Augmented Reality in Shopping	Mr. Sunil Katkar
23	Sharad Billava Manas Mhatre Nitish Tiwari	2D to 3D image	Mrs. Sneha Mhatre
24	Shivam Sawant Darsh Thakor Dhruv Khandelwal	Bike Rider Curvature/angle/Speed System	Mr. Sunil Katkar
25	Khushi H. Shah Neha R. Rasal	Demand Forecasting in Retail Industry for Medicines	Mrs. Sneha Mhatre
26	Ankit Nakhale, Bhavin Pandya Mayank Rokade	Liver Patient Analysis using ML	Dr. Swapna Borde


HEAD
Dept of Computer Engg.,
Vidyavardhini's College of
Engineering and Technology,
Vasai Road 401 202





Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

AY: 2022-23

Subject: Applied Data Science

Yr/Sem: BE/VIII

Sr. No	Name of Group Members	Title
1	Mankrit Singh	Diabetes Prediction and Data Visualization using Data Science Techniques
	Chandan Patil	
2	Prachi Patil	Heart Disease Prediction using Logistic Regression
	Sakshi Raul	
	Shradha Sankhe	
3	AvdhootJadhav	Yelp Analysis
	Sarvesh Kale	
4	Sanidhya Raut	Uber Data Analysis
	Nagesh Virkar	
	Chinmay Sonavane	
5	Suyash Satam	House Price Prediction
	Suyash Shingte	
	Muhammed Shahid Siddiqui	
6	Altaj Virani	Facebook Data Analysis
	Yash Patil	
	Rakesh Yadav	
7	Nitishkumar Tiwari	Real Estate Price Prediction
	Shivam Sawant	
	Darsh Thakor	
8	Khushi Shah	Airline route analysis and profit prediction
	Amisha Prabhu	
	Dhanisha Raut	
9	Reetu S. Awasthi	Cricket Data Analysis
	Shriya S. Chitre	
10	Adarsh Dubey	Diabetes Prediction
	Kritika Khandelwal	
	Omkar Naik	
11	Kaustubh pandit	College placement prediction
	Lavina rathod	
	Anmol Prajapat	
12	Tulshiram Panchal	Sentiment Analysis using Twitter Dataset
	Chaitanya Patil	
	Aditya Pawar	
13	Ruchika Kumbhar	Customer Segmentation using K-means Algorithm
	Mrunmai Gawde	
14	Varun Surti	Weather Prediction
	Jugal Salaria	



Vidyavardhini's College of Engineering & Technology
Department of Computer Engineering

15	Vidit Sheth Atul Mishra Shreyash Seth	Malaria Detection using CNN
16	Mayank Rokade Ankit Nakhale	Liver Patient Analysis
17	Ayushi Butani Dinesh Lakshmanan Nidhi Mehta	Stock Market And Risk Analysis Using Machine Learning
18	Subin Santhosh Yuga Vasaikar Omkar Ghanekar	Cervical Cancer Risk Prediction using Machine Learning
19	Vaibhav Kharat Vaishnav Kanhirathingal Adil Khan	Churn Prediction
20	Pillai Venkatesh Rajesh	Whatsapp Chat analysis
21	Maruti More Neha Rasal Manish Nayak	Customer churn analysis for telecommunication with time series forecasting
22	Harshil Patel Omkar More	Spotipy Data analysis
23	Bhavin Pandya Samiksha Rawool Mohit Singh	Credit card fraud detection
24	Manas Mhatre Neha Vijaykumar	Spam Classifier
25	Sharvin Dedhia Pritesh Mair	Fraud Detection

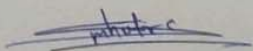


BIG DATA ANALYTICS LAB MINI PROJECT ACADEMIC YEAR 2022-23

Group Number	Roll No	Group Members	Mini Project Title
Group 1	33	Amisha Prabhu	Analysis of Tourist Behaviour
	36	Lavina Rathod	
	42	Khushi Shah	
Group 2	47	Mohit Singh	Facebook Data Analysis
	62	Altaj Virani	
	63	Rakesh Yadav	
Group 3	12	Sarvesh Kale	Yelp Analysis
	11	Avdhoot Jadhav	
	03	Sharad Billava	
Group 4	51	Soham Waghmare	Medicare Fraud Detection
	52	Omkar Ghanekar	
Group 5	70	Chinmay Sonawane	Fake News Detection Using Big Data
	73	Nagesh Virkar	
	74	Prashant Karande	
Group 6	67	Shivam Sawant	Traffic Analysis
	71	Darsh Thakor	
	72	Varun Surti	
Group 7	13	Vaishnav K	Medical insurance fraud detection
	15	Adil Khan	
	17	Vaibhav Kharat	
Group 8	61	Neha Rasal	Billing solutions using NoSQL
	43	Riya Shetye	
	56	Maruti More	
Group 9	53	Nidhi Karulkar	Movie Recommendations System
	55	Ruchali Mhatre	
	60	Yash Patil	
Group 10	57	Omkar Dattatray More	Prediction of Hourly Energy Consumption using RNN and LSTM
	59	Harshil Mayur Patel	
Group 11	58	Manish Nayak	Classify 1994 Census Income Data.
	49	Nitish Tiwari	
Group 12	2	Reetu .S Awasthi	Music recommendation system
	5	Shriya .S Chitre	
Group 13	31	Prachi Patil	Healthcare Analysis
	37	Sakshi Raul	
	38	Dhanisha Raut	
Group 14	30	Chandan Patil	Books Recommendation system
	35	Venkatesh Rajesh	
Group 15	44	Suyash Chandrakant Shingte,	WorkZone - Task Management Website
	45	Muhammed Shahid Siddiqui	
	50	Yuga Ganesh Vasaikar	
Group 16	64	Shreyash Seth	Disease Prediction from Symptoms
	68	Vidit Sheth	
	69	Atul Mishra	



Group 17	23	Omkar Naik	Crime detection
	27	Kaustubh Pandit	
Group 18	1	Mayank Rokade	Tourist behaviour analysis
	24	Ankit Nakhale	
	28	Bhavin Maganbhai Pandya	
Group 19	14	Chinmay Sachin Kargutkar	News Aggregator
	18	Nitheesh Nityanand Kulal	
Group 20	16	Kritika Khandelwal	Todo list using Mongo dB
	10	Shantanu Gonaka	
	8	Adarsh Dubey	
Group 21	7	Dinesh	Data Analysis on House pricing Data using MongoDB
	21	Nidhi Mehta	
	4	Ayushi Bhutani	
Group 22	39	Samiksha Rawool	Web Application using Mango dB
	40	Shradha Sankhe	
	41	Suyash Satam	
Group 23	66	Jugal Salaria	CO2 Emission Analysis
	75	Rutvik Sudhir Kulkarni	
	76	Sanidhya Nilesh Raut	
Group 24	54	Dhruv Khandelwal	YouTube Recommendation Systems
	46	Mankrit Singh	
	48	Subin Santhosh	
Group 25	9	Mrunmai Gawde	Analysis of Twitter Sentiments Using Spark Streaming
	19	Ruchika Kumbhar	
Group 26	25	Neha Vijaykumar	News article scrapping and keyword extraction
	22	Manas Mhatre	
	34	Anmol Prajapat	
Group 27	06	Sharvin Manish Dedhia	Movie Recommendation System
	20	Pritish Mair	
Group 28	26	Tulsiram Panchal	Social Media Sentimental Analysis
	29	Chaitanya Rajiv Patil	
	32	Aditya Vivek Pawar	
Group 29	65	Sanyukta Prakash Patil	LinkedIn Data Analysis
	77	Prachi Vinod Sonawane	



Mrs. Sneha Mhatre

Subject In charge



Vidyavardhini's College of Engineering and Technology

Department of Computer Engineering

Academic Year : 2022-23 (Odd Sem)

Course Project

Code/Sub: CSC305-CG

Year/Sem.: SE/III

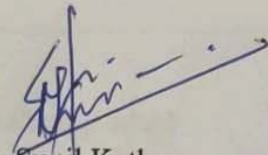
Date: 10/10/2022

Batch	Roll No.	Group Members	Topic
A	1	01_Advait	Person walking in the rain with colored umbrella
	2	02_pooja bandgar	
	18	18_Aarya Ghavane	
	19	19_Swara Gharat	
A	8	08_Pratima Dinkar Bombe	Lorenz Attractor
	10	10_Kunal Kishor Chaudhari	
	12	12_Dhrub Pradip Das	
	17	17_Srushti Rohidas Gawande	
A	11	11_Mrudul Chaudhari	Moving Train
	6	6_Vipul Bhoir	
	13	13_Abhinav Desai	
	14	14_Shivam	
A	3	03_Paarth Baradia	BMW logo
	4	04_Aditya Bhandare	
	9	09_Amey Chaudhari	
	16	16_Vaishnavi Gaikwad	
A	5	05_nishant	Bounce ball
	7	07_shivaraj	
	15	15_leander	
	20	20_Rishi R. Gharde	
B	30	30_Aditya Lawate	Helicopter Game
	22	22_Sayali Gupta	
	21	21_Aman Gupta	
	24	24_Trupti Hedalkar	
B	36	36_Irfan Patel	Solar System
	35	35_Pratik Panigrahy	
	34	34_Alok Pal	
	26	26_Chaitya Karale	
B	29	29_Sahil Kulabkar	"Rainbow" drawing with dazzling colors
	33	33_Vrusharth Nirmal	
	40	40_Soham Patil	
B	27	27_omkar Khanolkar	Analog Clock
	28	28_vinit Kongil	
	32	32_aarya mhatre	
	39	39_Nirmiti patil	



Vidyavardhini's College of Engineering and Technology
Department of Computer Engineering
Academic Year : 2022-23 (Odd Sem)

Batch	Roll No.	Group Members	Topic
B	38	38-Bramheti Patil	Calculator
	31	31- Rutuja Mestry	
	37	37- Aryan Patil	
C	45	45_Kiran Rokade	Number Arranged Game
	46	46_Prasheel Sakhare	
	53	53_Anushka Supe	
	59	59_Vikas Yadav	
C	50	50_Dheeraj Kumar Singh	Program to draw a house using c graphic
	52	52_khushi sinha	
	44	44_Aniket R. Rinjad	
C	48	48_Karan_Sankhe	Scenery
	58	58_Vedant_Vasaikar	
	49	49_Sujal_Shah	
	47	47_Samuel_Rodrigues	
C	51	51_Sharvesh Singh	Digital Clock
	54	54_Mohak Tamore	
	56	56_Siddhesh Thakarkar	
	57	57_Prathamesh Tiwari	
C	43	43_Mitij Raul,	Traffic Light
	55	55_Shrawani Terde	
	41	41_Yukta Patil	
	42	42_Prashant Rajpal	


Mr. Sunil Katkar
Subject In-Charge



Vidyavardhini's College of Engineering and Technology
Department of Computer Engineering
Academic Year: 2022-23

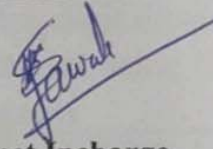
Course Project List

Subject: CSC402/DBMS

Year/Sem.: SE/ IV

Grp No	Name of Group members	Title of Course Project
1	05 Nishant Bhandigare	Employee Management System
	06 Vipul Bhoir	
	11 Mrudul Chaudhari	
	13 Abhinav Desai	
2	01 Advait Alikil	Library management system
	02 Pooja Bandgar	
	18 Aarya Gawhane	
	19 Swara Gharat	
3	60- Sushant Patil	Sports Event Management System
	61- Vedika Sankhe	
	64-Prachi Parab	
	75-Raj Kikani	
4	36 Irfan Patel	Blood Management System
	35 Pratik Panigrahy	
	26 Chaitanya Karale	
	25 Yash Jadhav	
5	47 Samuel Rodrigues	Hotel Management System
	48 Karan Sankhe	
	49 Sujal Shah	
	58 Vedant Vasaikar	
6	63-Sajan Thakare	Bug Management System
	66-Naba Sarwar	
	70-Prapti Patil	
	71-Jay Gupta	
7	67-Srushti Kamble	Ordering management system
	68-Vishruti Gurav	
	73- Krutik Kuwar	
	74-Tejas Patil	
8	41 Prashant Rajpal	Hospital management system
	42Yukta Patil	
	43 Mitij Raul	
	55 Shrawani Terde	
9	08 Pratima Bombe	Railway Reservation Management System
	10 Kunal Chaudhari	
	12 Dhruv Das	
	17 Srushti Gawande	
10	62-Onkar Kokate	Complaint management system
	69-Siddhesh Jondhale	
	65-Divya Desai	
	72-Shruti Jangam	

11	38 Bramheti Patil	Travel and tourism
	31 Rutuja Mestry	
	37 Aryan Patil	
12	51 Sharvesh Singh	ent achievements/certificate Management System/ student certification
	54 Mohak Tamore	
	56 Siddhesh Thakarkar	
	57 Prathamesh Tiwari	
13	21 Aman Gupta	Pharmacy management system
	22 Sayali Gupta	
	24 Trupti Hedalkar	
	30 Aditya Lawate	
14	27 Omkar Khanolkar	Laboratory management system
	39 Nirmitya Patil	
	32 Aarya mhatre	
	28 Vinit Kongil	
15	45 Kiran Rokade	Online Retail application database
	45 Prashil Sakhare	
	52 Anushka Supe	
	59 Vikas yadav	
16	29 Sahil Kulabkar	Eye Bank Management System
	34 Alok Pal	
	33 Vrusharth Nirmal	
	40 Soham Patil	
17	52 Khushi Sinha	Healthy diet management system
18	03 Paarth Baradia	Farmer's Management System
	04 Aditya Bhandare	
	09 Amey Chaudhari	
	16 Vaishnavi Gaikwad	
19	20-Rishi Gharde	Paroll Management system
	15 Leander Fernandes	
	14-Shivam Dhale	
	07-Shivaraj Bhopalapur	


Subject Incharge
Mrs Smita Jawale



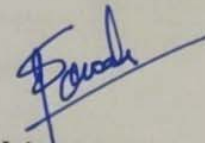
Course Project List

Subject: CSC303/Data Structures

Year/Sem.: SE/ III

Grp No	Name of Group members	Title of Course Project
1	36_Irfan Patel	Online Shopping App
	34_Alok Pal	
	23_Rahul Hanegaokar	
	35_Pratik Panigrahy	
	26_Chaitanya Karale	
2	30_Aditya Lawate	2048 game
	24_Trupti Hedalkar	
	21_Aman Gupta	
	22_Sayali Gupta	
3	51_Sharvesh Singh	Music player system
	54_Mohak Tamore	
	56_Siddhesh Thakarkar	
	57_Prathamesh Tiwari	
4	08_Pratima Dinkar Bombe	To do list
	10_Kunal Kishor Chaudhari	
	12_Dhrub Pradip Das	
	17_Srushti Rohidas Gawande	
5	19_Swara Gharat	Score card
	18_Aarya Gawhane	
	01_Advait Alinkil	
	02_Pooja Bandgar	
6	50_Dheeraj Kumar Singh	Dictionary
	44_Aniket Rinjad	
	20_Rishi Gharde	
	52_Khushi Sinha	
7	31_Rutuja Mestry	Restaurant management system
	37_Aryan Patil	
	38_Bramheti Patil	
8	41_yukta patil	Cafeteria management system
	42_Prashant Rajpal	
	43_Mitij Raul	
	55_Shrawani Terde	
9	48_Karan Sankhe	Hospital management Sytem
	49_Sujal Shah	
	47_Samuel Rodrigues	
	58_Vedant Vasaikar	

10	16_Vaishnavi Gaikwad	Library management system
	03_Paarth Baradia	
	04_Aditya Bhandare	
	09_Amey Chaudhari	
11	45_Kiran Rokade	Song recommendation System
	46_prasheel Sakhare	
	53_Anushka Supe	
	59_Vikas Yadav	
12	27_Omkar Khanolkar	Search Engine
	28_Vinit Kongil	
	32_Aarya Mhatre	
	39_Nirmiti Patil	
13	06_Vipul Bhoir	Password management System
	11_Mrudul Chaudhari	
	13_Abhinav Desai	
14	05_Nishant Bhandigare	Matrix Calculator
	07_Shivraj Bhopalapur	
	15_Leander Fernandes	
	14_Shivam Dhale	
15	29_Sahil Kulabkar	Phone Book Directory
	33_Vrusharth Nirmal	
	25_Yash Jadhav	
	40_Soham Patil	



Subject Incharge
Mrs Smita Jawale



Vidyavardhini's College of Engineering and Technology
Department of Computer Engineering
Academic Year : 2022-23 (Odd Sem)

Course Project List

Subject: Data warehousing and mining

Class/ Sem: T.E./V

Group No.	Roll. No.	Group Members	Title
1	1	Varun Satheesh Babu	Weather prediction
	6	Siddharth Dhodi	
	15	Siddhesh Jalgaonkar	
	16	Khanjan Joshi	
2	2	Sanket Bhostekar	Disease Prediction System
	3	Ayush Bujare	
	8	Divyen Gharat	
	10	Sakshi Ghonge	
3	7	Perna Gawali	Crimes In Chicago
	14	Archa Jadhav	
	17	Perna Kanekar	
4	4	Vedant Chaskar	House Price Prediction In Mumbai
	9	Parth Gharat	
	19	Dharmesh Marathe	
	13	Pratham Ingawale	
5	5	Vaishnavi Deshmukh	Online Gift store
	11	Pranay Gore	
	12	Anand Gupta	
	18	Riya Khot	
6	21	Mitali Rawat	Heart Failure Prediction
	22	Shubham Nakashe	
	31	Jay Prajapati	
7	27	Kshitij Patil	Food Franchise Analysis
	36	Hrushikesh Shetty	
	30	Sanika Patil	
	35	Suyash Shelar	
8	20	Pranav Maurya	Online Food Delivery Analysis
	23	Hardik Nikam	
	25	Dream Patel	
9	33	Aditi Sawant	Supermarket Sales
	28	Divya Patil	
	26	Anish Patil	
10	24	Shivam Pandey	Pharmaceutical industry sales prediction
	34	Aman Sheikh	
	37	Shreyas Shinde	



Vidyavardhini's College of Engineering and Technology

Department of Computer Engineering

Academic Year : 2022-23 (Odd Sem)

11	42	Onkar Suryavanshi	Startup Analysis
	43	Raj Shailesh Sutar	
	45	Rishabh Tripathi	
	47	Sachin Bhailal Yadav	
12	56	Taher Barwaniwala	Tours and travel management
	57	Nayan Biramane	
	40	Gaurav Singh	
13	60	Samarth Pandey	Telecom Customer Churn
	63	Mohit Raje	
	64	Rohit Redekar	
14	67	Vaishnavi Tatkare	Student Campus Recruitment
	72	Sakshi Jadhav	
	73	Nikita Mundaye	
15	29	Pranit Patil	Sales in tourism industry
	32	Farhan Raiba	
	38	Ajay Shitkar	
16	39	Saurabh Shukla	Optimizing agriculture production
	55	Polomi Adak	
	41	Harshpratap Singh	
17	65	RAHUL SHAH	Taxi trip data
	66	LOKESH SHARMA	
	68	AKHILA ANILKUMAR	
18	75	Sahil Pawar	Flight Price Prediction
	69	Rohit Walke	
	71	Yash Davare	
19	49	Sahil Kabir	Data Professional's Salary Analysis
	50	Prathmesh Malvi	
	51	Saurabh Nitnaware	
20	46	Radha Vishwakarma	Data Analysis of TV Shows and Movies available on OTT Platform
	53	Kshitij Shetty	
	54	Om Achrekar	
21	58	Dimple Khuman	Titanic Survival Prediction
	59	Pooja Naskar	
	62	Amruta Poojary	
22	74	Bhupeksha patil	Car Sales
	70	Snehal Bavkar	
23	52	Dhanashree Raut	Restaurants management System
	48	Vedangi Jadhav	
	44	Sayali Thakre	



Vidyavardhini's College of Engineering and Technology
Department of Computer Engineering
Academic Year : 2022-23 (Odd Sem)

24	61	Hrushikesh Pimpale	
----	----	--------------------	--

Swati

Ms. Swati Vaema
Subject In-charge



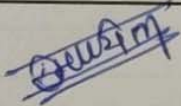
List of Course Project

Subject: CSDO501/Internet Programming

Year/Sem: TE/V

Sr. No.	Email Address	Project topic
1	Sakshi Ghonge	Xplore
	Dharmesh Marathe	
	Shubham Nakashe	
2	Riya Khot	Flower shop
	Divya Patil	
	Aditi Sawant	
3	Vedant Chaskar	Gym Website
	Onkar Suryavanshi	
	Raj Sutar	
4	Kshitij Patil	To do list
	Prerna Gawali	
	Prerna Kanekar	
5	Mitali Rawat	Trip planner, catalog
	Radha Wishwakarma	
	Sayali Thakre	
6	Saurabh Shukla	E-commerce website
	Aman sheikh	
	Anand Gupta	
7	Harshpratap Singh	Gym Fitness webapplication
	Shivam Pandey	
	Pranay Gore	
8	Vedangi Jadhav	Website on Tours and Travels
	Dhanashre Raut	
	Vaishnavi Deshmukh	
9	Dream Patel	Hotel Management
	Hardik Nikam	
10	Sanika Patil	Restaurant Website
	Rishabh Tripathi	
	Pratham Ingawale	
11	Pranav Maurya	Tour and Travel agency
	Jay Prajapati	
	Hrushikesh Shetty	

12	Suyash Shelar Archa Jadhav	Portfolio website
13	Anish Patil Parth Gharat Siddharth Dhodi	Blood bank management system
14	Ajay Shitkar Pranit Patil Sanket Bhostekar	Tour and Travel Website
15	Varun Babu Ayush Bujare Divyen Gharat	Marriage Beauru Website
16	Siddhesh Jalgaonkar Khanjan Joshi Farhan Raiba	Grocery Shop Management
17	Shreyas Shinde Gaurav Singh Saurabh Nitnavare	Online Book Shop Management
18	Sahil Kabir Prathmesh Malvi Kshitij Shetty	Voting System Management


Smita Patil
Subject Incharge



AY: 2022-23

Subject: Machine Learning

Yr/Sem: BE/VII

Sr. No	Name of Group Members	Title
1	Mrunmai Gawde	Online News Popularity Prediction
	Ruchika Kumbhar	
2	Sharvin Dedhia	Cricket Score Predictor
	Pritish Mair	
3	Manas Mhatre	House Price Prediction
	Neha Vijaykumar	
	Anmol Prajapat	
4	Mayank Rokade	Liver Disease prediction
	Chinmay Kargutkar	
	Nitheesh Kulal	
5	Ankit Nakhale	Crop Recommendation system
	Bhaivn Pandya	
6	Tulshiram Panchal	Social media sentiment Analysis using ML
	Chaitanya Patil	
	Aditya Pawar	
7	Avdhoot Jadhav	Crop Recommendation System
	Sarvesh Kale	
	Sharad Billava	
8	Jugal Salaria	Weather Prediction
	Varun Surti	
9	Shreyash Seth	Create emoji using emotion recognition
	Vidit Sheth	
	Atul Mishra	
10	Mankrit Singh	Revenue prediction using Multiple Regression
	Dhruv khandelwal	
	Subin Santhosh	
11	Darsh Thakor	Real estate price predictor
	Shivam sawant	
	Prasant karande	
12	Nitheesh	Credit card fraud detection
	Mayank	
	Chinmay	
13	Samiksha Rawool	Heart Disease prediction system
	Shradha Sankhe	
	Suyash Satam	
14	Manish Nayak	Salse forecasting with walmart
	Nitish Tiwari	
15	Omkar Naik	Bitcoin price prediction
	Kaustubh Pandit	
16	Mayank Rokade	Credit Card Fraud Detection
	Chinmay Kargutkar	



Vidyavardhini's College of Engineering & Technology
Department of Computer Engineering

17	Omkar Dattatray More	House price prediction using regression technique
	Harshil Mayur Patel	
18	Sanidhya Raut	Deep Fake
	Rutvik Kulkarni	
	Prachi Sonawane	
19	Reetu S. Awasthi	Music Recommendation System
	Shriya S. Chitre	
20	Vaishnav	Disease prediction using ML
	Adil	
	Vaibhav	
21	Nidhi Karulkar	Stock Price Prediction
	Ruchali Mhatre Yash Patil	
	Yash Patil	
22	Soham Waghmare	Game Sales Prediction
	Omkar Ghanekar	
23	Nidhi	Stock Market price prediction
	Dinesh	
	Ayushi	
24	Chinmay Sonawane	Prediction Of Income Using Adult Census Income Dataset
	Nagesh Virkar	
25	Mohit Singh	Plant Disease Detection
	Altaj Virani	
	Rakesh Yadav	
26	Avdhoot Jadhav	Fertilizer recommendation system using KNN.
	Sarvesh Kale	
	Sharad Billava	
27	Adarsh dubey	Diabetes prediction
	Shantanu Gonaka	
	Kritika Khandelwal	
28	Suyash Chandrakant	Banglore House Price Prediction
	Shingte, Muhammed Shahid Siddiqui	
	Yuga Ganesh Vasaikar	
29	Amisha Prabhu	Customer Segmentation using Machine Learning
	Lavina Rathod	
	Khushi Shah	
30	Chandan Patil	Recommendation system
	Pillai Venkatesh Rajesh	
31	Riya Shetye	Students placement prediction by using logistics regression
	Neha Rasal	
32	Tulshiram Panchal	Translate Using Python
	Chaitanya Patil	
	Aditya Pawar	
33	Prachi Patil	Movie Recommendation System
	Sakshi Raul	
	Dhanisha Raut	



AY: 2022-23

Subject: Natural Language Processing

Yr/Sem: BE/VII

Sr. No	Name of Group Members	Title
1	Mankrit Singh	Active and Passive Voice Detection
	Subin Santhosh	
	Dhruv Khandelwal	
2	Neha Vijaykumar	Translate Hindi to English using Python
	Manas Mhatre	
	Anmol Prajapat	
3	Mrunmai Gawde	Virtual Assistant
	Ruchika Kumbhar	
4	Samiksha Rawool	Crime detection
	Shradha Sankhe	
	Suyash Satam	
5	Nitheesh	Text summarize
	Mayank	
	Chinmay	
6	Adarsh Dubey	AutoComplete system using NLP
	Shantanu Gonaka	
	Kritika Khandelwal	
7	Ankit Nakhale	Language Detection
	Bhavin Pandya	
8	Nitish Tiwari	Sentiment analysis
	Manish Nayak	
9	Prachi Patil	Spam Classifier
	Sakshi Raul	
	Dhanisha Raut	
10	Shreyash Seth	Create emoji using emotion recognition
	Vidit Sheth	
	Atul Mishra	
11	Reetu S. Awasthi	Sentence Autocompletion using N-grams
	Shriya S. Chitre	
12	Muhammed Shahid Siddiqui	Auto sentence completion
	Suyash Chandrakant Shingte	
	Yuga Ganesh Vasaikar	
13	Vaishnav	Sentimental analysis
	Adil	
	Vaibhav	
14	Nidhi Karulkar	WhatsApp Message Analysis
	Ruchali Mhatre	
	Yash Patil	
15	Nidhi	Human emotion classifier
	Dinesh	



Vidyavardhini's College of Engineering & Technology
Department of Computer Engineering

	Ayushi	
16	Omkar Dattatray More Harshil Mayur Patel	GPT2 Paper Title Generator
17	Avdhoot Jadhav Sarvesh Kale Sharad Billava	Spam classifier
18	Riya shetye Neha Rasal Maruti More	Spell checker
19	Amisha Prabhu Lavina Rathod Khushi shah	Next Word prediction Model
20	Mohit Singh Altaj Virani Rakesh Yadav	Information Retrieval Chatbot using NLP
21	Chandan Patil Pillai Venkatesh Rajesh	Sentiment analysis unsing NLTK(PYTHON LIB)
22	Tulshiram Panchal Chaitanya Patil Aditya Pawar	Translate Using Python



Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year 2022-23

List of Course Projects

SEM: III

Sub: OOPM(JAVA)

Group No.	Names	Project Title
1	Dheeraj Singh 50 Trupti Hedalkar 24 Khushi Sinha 52	Music Player Application
2	Pratima Dinkar Bombe Srushti Rohidas Gawande Sayali Sunil Gupta	Marksheet Generator
3	Aditya Prakash Bhandare Anushka Sanjay Supe Amey Chandrakant Chaudhari	Brick-Breaker Game
4	Vaishnavi Gaikwad Bramheti Patil Paarth Baradia	Download Manager
5	Soham Patil Abhinav Desai Vipul Bhoir	Healthcare management system
6	Irfan Patel Shivaraj Bhopalapur Advait Alinkil	Supermarket billing system
7	Aditya Lawate 30 Mohak Tamore 54 Sharvesh Singh 51	Food Management app
8	karan sankhe 48 Yukta patil 41	Chat Application Project
9	Rutuja Mestry 31 Prasheel Sakhare 46 Aryan Patil 37	Travel & Tourism Management System
10	Omkar Khanolkar 27 Nirmitya Patil 39	Course management



11	Swara Narottam Gharat Pooja Sandip Bandgar Kiran Balu Rokade	Web Browser
12	Mrudul Chaudhari 11 Siddhesh Thakarkar 56 Prathamesh Tiwari 57	Air ticket reservation system
13	Vrusharth Nirmal 33 Sahil Kulabkar 29 Kunal Chaudhari 10	Hangman game
14	Samuel Rocky Rodrigues 47 Sujal Shah 49 Aarya Mhatre 32	Notepad(Txt Editor)
15	Alok Pal 34 Chaitanya Karale 26 Rishi Gharade 20	Canteen Management System
16	Aarya Gawhane Mitij Raul Shrawani Terde	Scientific Calculator
17	Shivam dhale Prashant rajpal Aman gupta	Exam Seating
18	Pratik Panigrahy 35 Dhrub Das 12 Vedant Vasaikar 58	Inventory Management
19	Leander Francis Fernandes Nishant Tanaji Bhandigare	Supply Chain Management
20	Vikas Yadav 59 Vinit Kongil 28 Yash Jadhav 25	Anagram Game
21	Rahul Hanegaonkar 23 Aniket Rinjed 44	EMPLOYEE MANAGEMENT SYSTEM

Mr. Vikrant A. Agaskar



Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year 2022-23

LIST OF COURSE PROJECTS

Class / Sem. –SE / V

Course Name: Software Engineering Lab (CSL501)

Gr. No.	Student Names	Title of Project
1.	1. Samarth Pandey 2. Mohit Raje 3. Rohit Redekar	Signature Verification system
2.	1. Dream Patel 2. Hardik Nikam	College student management system
3.	1. Purna Gawali 2. Archa Jadhav 3. Purna Kanekar	Library Management System
4.	1. Shivam Pandey 2. Pranit Patil 3. Ajay Shitkar	Bus Booking Management System
5.	1. Dharmesh Marathe 2. Parth Gharat 3. Siddharth Dhodi	Students Accommodation System
6	1. Sanika Patil, 2. Hrushikesh Shetty 3. Rishabh Tripathi	Car Dealership Website



Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year 2022-23

7	<ol style="list-style-type: none">1. Saurabh Shukla2. Harshpratap Singh3. Polomi Adak	YouTube clone
8	<ol style="list-style-type: none">1. Shuham Nakashe2. Mitali Rawat	Weather Application System
9	<ol style="list-style-type: none">1. Nayan, Biramane2. Sanket Bhostekar3. Ayush Bujare4. Divyen Gharat	Disease prediction system
10	<ol style="list-style-type: none">1. Pranav Maurya2. Jay Prajapati	Hospital Management System
11	<ol style="list-style-type: none">1. Riya Khot2. Vaishnavi Deshmukh	Text Summarizer
12	<ol style="list-style-type: none">1. Farhan Raiba2. Aman Sheikh3. Shreyas Shinde	Women Safety Application
13	<ol style="list-style-type: none">1. Sakshi Jadhav2. Vaishnavi Tatkare3. Nikita Mundaye	Mental health assessment system
14	<ol style="list-style-type: none">1. Anish Patil2. Divya Patil3. Aditi Sawant	E-commerce web application



Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year 2022-23

15	<ol style="list-style-type: none">1. Vaishnavi Tatkare2. Sakshi Jadhav3. Nikita Mundaye	Mental health assessment system
16	<ol style="list-style-type: none">1. Taher Barwaniwala2. Raj Sutar3. Sachin Yadav	Pdf to word converter
17	<ol style="list-style-type: none">1. Vedant Chaskar2. Sakshi ,Pratham	Trip Planning and Booking App
18	<ol style="list-style-type: none">1. Amruta Poojary2. Pooja Naskar3. Dimple Khuman	Campus recruitment
19.	<ol style="list-style-type: none">1. Akhila Anilkumar2. Lokesh Sharma	Railway Reservation system
20	<ol style="list-style-type: none">1. Bhupeksha Patil2. Snehal Bavkar	Hotel Management System
21	<ol style="list-style-type: none">1. Khanjan Joshi2. Rushikesh Pimpale3. Varun Satheesh Babu	Note Taking Web
22	<ol style="list-style-type: none">1. Pranay Gore2. Anand Gupta3. Siddhesh Jalgaonkar"	Price Comparison for E-Commerce webstore
23	<ol style="list-style-type: none">1. Sayali Thakre2. Vedangi Jadhav3. Dhanashree Raut	Web based Food Delivery System



Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year 2022-23

24	1. Radha Vishwakarma 2. Kshitij Shetty 3. Om Archrekar	Sign language detection
25	1. Akhil Anilkumar 2. Lokesh Sharma 3. Rahul Shah	Pharmacy management system
26	1. Sahil Pawar 2. Rohit Walke 3. Yash Davare	Bank Management System
27	1. Kshitij Patil 2. Onkar Suryavanshi 3. Suyash Shelar"	Workshop Management System
28	Gaurav Singh	ATM Management System

Prof. Anil Hingmire

Subject Incharge



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

A.Y 2022-23

INTERNSHIP

Sr. No	Name of the Student	Company Name	Duration		Industry Linkage
			Start Date	End Date	
1	Dipak Borase	L and T, Malad(W)	25-4-2022	31-7-2022	Web development
		Mahendra Brothers, Andheri(W)	31-8-2022	31-10-2022	Web development
		Mahendra Brothers, Andheri(W)	1-11-2022	8-12-2022	Web development
2	Pallavi Thakur	L & T skill Trainers Academy, Malad(W)	25-4-2022	31-7-2022	Web development
3	Pradip Pal	L & T, Malad(W)	25-4-2022	31-7-2022	Web development
		Giftanaa, Santacruz (W)	12-12-2022	12-2-2023	Full Stack Development
4	Aayush Vishwakarma	Fastjobs, Vile Parle (W)	1-5-2022	31-7-2022	Web development
5	Anish Dalvi	Oasis Infobyte (Online)	1-8-2022	31-8-2022	Web development
6	Pratyush Lokhande	Last Moment Tutions, Nallasopara (W)	1-6-2022	1-8-2022	Graphic design and UI
		Oasis Infobyte (Online)	4-7-2022	4-8-2022	Web development
7	Insha Mulla	Deep Thought Edutech Ventures (Online)	15-6-2022	30-9-2022	Web development

8	Jainil Shah	Juppiter AI Labs (Online)	14-6-2022	1-10-2022	Machine learning
9	Vaishnavi Deokar	Blissfull Prosperity Solutions, Mumbai	20-6-2022	20-8-2022	Graphic Designing
		Oasis infobyte (Online)	1-7-2022	1-8-2022	Web development
10	Vishal Gupta	Aarbee Aqua, Vasai	24-6-2022	30-12-2022	Web development
11	Shobhit Kumar Singh	Discite Analytics & AI (Online)	1-7-2022	1-9-2022	Android Developer
12	Rijul Tiwari	Sahu Technologies, Mumbai	15-7-2022	5-8-2022	Web development
		Giftanaa, Santacruz (W)	12-12-2022	12-2-2023	Web development
13	Fawaz Shaikh	Filo (Online)	1-9-2022	30-11-2022	Online Tutoring
14	Akshay Hegde	Oren (Online)	27-10-2022	27-12-2022	Full Stack Development
15	Rishabh Nahar	Swagsta Digital Solution (Online)	1-1-2023	31-3-2023	Full Stack Development
16	Saurabh Jagtap	Neuvera Infotech (Online)	15-1-2023	15-2-2023	Web development
17	Vinay Badgajar	PatilKaki, Mumbai	20-2-2023	20-5-2023	Web development
18	Akash Mourya	Inexperience, Mumbai	22-2-2023	22-4-2023	Web development
19	Vaibhav Gangurde	Loopholetech, (Online)	27-2-2023	30-8-2023	Android Development
20	Omkar Jadhav	YBI Foundation (Online)	27-3-2023	27-4-2023	Data Science and Machine learning

21	Aditya Trivedi	L&T, Malad(W)	25-4-2023	31-7-2023	Web Development
22	Sanjana Tiwari	InternPe (Online)	29-05-2023	29-06-2023	Python developer
23	Karan Gandhi	InternPe (Online)	19-6-2023	16-7-2023	Python developer
24	Poonam Bhavsar	Data Science in association with MMRDA, VCET, Vasai	20-6-2022	1-7-2022	Data Science and Machine learning
25	Niyukti Patil	IIC& IETE, VCET, Vasai	12-12-2022	23-12-2022	Web development
26	Aashlesha Ajay Rajput	IIC &TechCryptors, VCET, Vasai	12-6-2023	23-6-2023	Web development
27	Abhishek Hatui	IIC &TechCryptors, VCET, Vasai	12-6-2023	23-6-2023	Web development
28	Atharva Patil	IIC &TechCryptors, VCET, Vasai	12-6-2023	23-6-2023	Web development
29	Ayush Khamkar	IIC &Auto springs Pvt ltd, VCET, Vasai	12-6-2023	23-6-2023	Web development
30	Kartik Poojary	IIC &TechCryptors, VCET, Vasai	12-6-2023	23-6-2023	Web development
31	Prathamesh Mayekar	IIC &Auto springs Pvt ltd, VCET, Vasai	12-6-2023	23-6-2023	Web development
32	Raj Waghmare	IIC &Auto springs Pvt ltd, VCET, Vasai	12-6-2023	23-6-2023	Web development
33	Riddhi Chavda	IIC &TechCryptors, VCET, Vasai	12-6-2023	23-6-2023	Web development
34	Sakshi R Sankhe	IIC &Auto springs Pvt ltd, Vasai	12-6-2023	23-6-2023	Web development

35	Sanika Deepak Patil	IIC &TechCryptors, VCET, Vasai	12-6-2023	23-6-2023	Web development
36	Sanskruati Kokare	Association with TechCryptors, VCET, Vasai	12-6-2023	23-6-2023	Data Science and Machine learning
37	Shreeya Panchal	IIC &TechCryptors, VCET, Vasai	12-6-2023	23-6-2023	Web development
38	Vedant Lad	IIC &TechCryptors, VCET, Vasai	12-6-2023	23-6-2023	Web development



P. T. Leary
HEAD
 Dept. of Information Technology
 Vidyavardhini's College of
 Engineering and Technology.
 Vasai Road 401 202.

HOD IT



This is to certify that

Mr. Dipak Borase, T.E (IT)

Vidyavardhini's College of Engineering and Technology (VCET)

has successfully completed

the internship at L&T Skill Trainers Academy for implementation of

Hostel Management Module from 25th April 2022 to 31st July 2022



A handwritten signature in black ink, appearing to read 'Bhuvan Damahe'.

Bhuvan Damahe
Head L&T STA

27

Date: 10 NOV 2022

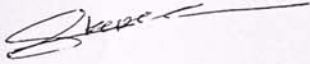
TO WHOM IT MAY CONCERN
INTERNSHIP COMPLETION LETTER

I am pleased to provide this letter as confirmation of the successful completion of the internship program by **Mr. Dipak Borse** at **Mahendra Brothers Exports Pvt LTD**. **Mr. Dipak Borse** served as a Web Developer Intern in our organization from **31 Aug 2022** to **31 Oct 2022**. During their tenure, **Mr. Dipak Borse** displayed an exceptional level of dedication, enthusiasm, and talent, contributing significantly to various projects and initiatives.

During his internship, he was exposed to the various activities in the web development implementation in HTML, CSS and JS skills.

We wish the best of luck in their future endeavours, and achieve continued success in their career.

With Regards,



Mukesh Kapse
Sr. Manager IT



Date: 28 DEC 2022

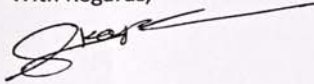
TO WHOM IT MAY CONCERN
INTERNSHIP COMPLETION LETTER

I am pleased to provide this letter as confirmation of the successful completion of the internship program by **Mr. Dipak Borse** at **Mahendra Brothers Exports Pvt LTD**. **Mr. Dipak Borse** served as a Web Developer Intern in our organization from **1 Nov 2022** to **8 Dec 2022**. During their tenure, **Mr. Dipak Borse** displayed an exceptional level of dedication, enthusiasm, and talent, contributing significantly to various projects and initiatives.

During his internship, he was exposed to the various activities in the web development implementation in HTML, CSS, JS, PHP, Node JS, React JS and SQL skills.

We wish the best of luck in their future endeavours, and achieve continued success in their career.

With Regards,



Mukesh Kapse
Sr. Manager IT



MAHENDRA BROTHERS EXPORTS PVT. LTD.

Registered Office

Tower C, Central Wing

CC/CE7011, 7th Floor

Bharat Diamond Bourse

G Block, Bandra-Kurla Complex

Bandra (East), Mumbai 400 051.

T: +91-22-6661 5600

F: +91-22-6661 5661

E: info@mahendrabrothers.com

www.mahendrabrothers.com

U52393MH2007PTC169724



Raising the Bar

This is to certify that

Ms. Pallavi Thakur, T.E (IT)

Vidyavardhini's College of Engineering and Technology (VCET)

has successfully completed

the internship at L&T Skill Trainers Academy for implementation of

Hostel Management Module from 25th April 2022 to 31st July 2022



Bhuvan Damahe
Head L&T STA



This is to certify that

Mr. Pradip Pal, B.E (IT)

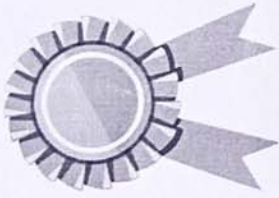
Vidyavardhini's College of Engineering and Technology (VCET)

has successfully completed

**the internship at L&T Skill Trainers Academy for implementation of
Hostel Management Module from 25th April 2022 to 31st July 2022**

Guru

Bhuvan Damahe
Head L&T STA



GIFTANA®

#GiftLiyaKya?

This is to certify that

Mr. Pradip Pal

has successfully completed the Internship at Giftana
from 12th Dec 2022 to 12th Feb 2023

Made an E-commerce website by using the technology MERN Stack.(MongoDB, React, Node js, Express).
His role was to lead the project, building backend logic and integrating it with the client side of the website.

Shoaib Shaikh
Proprietor

FJ/2022/INT/TECH/8

Date: 10/08/2022

INTERNSHIP CERTIFICATE

This is to inform you that **Aayush Vishwakarma** from **Vidyavardhini's College of Engineering and Technology, Vasai-Virar, Maharashtra** has completed an internship at FastJobs.io as a **Frontend Developer**.

His internship period was from **1st May 2022** to **31st July 2022**.

Performance: Excellent


Brief description:

Aayush joined FastJobs.io in the month of May as a Frontend Developer Intern where he worked on various frontend projects for FastJobs.io website, landing pages and various other internal tools for the team.

Remarks:

During his internship, Aayush proved to be an immensely resourceful and productive person and an agile member of the team. He handled all his tasks with a sense of ownership and responsibility.

We wish **Aayush** all the best for all his future endeavours.

**Ashish Dogra**

CTO and Co-Founder

FastJobs.io



8779644874 / 8097593999



contact@fastjobs.io / www.fastjobs.io

First Floor, 101, CTS No. 29B, Kamal Kunj CHS Ltd, Arya VidyaMandir Marg,
Vile Parle West, Mumbai, Maharashtra, 400056

CIN: U80220MH2002PTC135339

CERTIFICATE OF COMPLETION

8/31/2022

This certificate is proudly presented to

Anish Dalvi

for successful completion of 1 month internship in
Web Development and Designing
with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

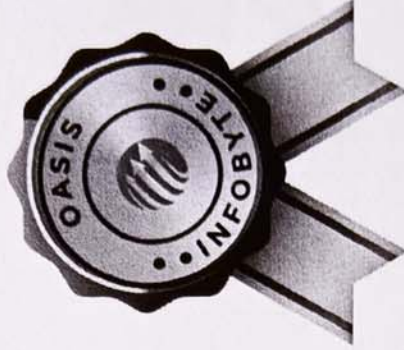
OIB/AUG148



www.oasisinfobyte.com



OASIS
INFOBYTE



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
एक ही छत में सब कुछ

**To Whomsoever It May Concern****Dear Pratyush Sandeep Lokhande,**

This letter is to certify that **Mr. Pratyush Sandeep Lokhande** has successfully completed his internship program with our organization, Last Moment Tutions. His internship tenure was from 1st June 2022 to 1st August 2022 on a Full-time basis. He was working as a **Graphic Designer** and was actively & diligently involved in the projects and tasks assigned to him.

During the span, we found him punctual and a hardworking person. His learning powers are impressive and he picks up swiftly. He participated in his assigned tasks with professional diligence & was observed as a good team player. His quality of indulging in tasks and getting frequent feedback from his reporting team members is appreciated.

His feedback and evaluation from his reporting lead proved that he learned keenly. Moreover, his interpersonal and communication skills are good.

We wish him a bright future.

Sincerely,

Adwait Sharma
Co-Founder

Last Moment Tutions
Informal Tutions Pvt. Ltd.

Sumersingh Rajpurohit
Founder

Last Moment Tutions
Informal Tutions Pvt. Ltd.

B-203, Om Shanti Apt., Central Park Road, Nallasopara West
+91 70386 604912
www.lastmomenttutions.com
lastmomenttutions@gmail.com

CERTIFICATE OF COMPLETION

8/4/2022

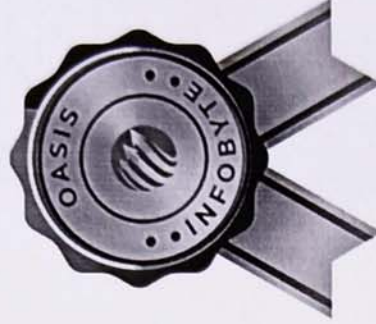
This certificate is proudly presented to

Pratyush Lokhande

for successful completion of **1 month internship** in
Web Development and Designing
with wonderful remarks at **OASIS INFOBYTE**



OASIS
INFOBYTE



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
SUPPORT & PROMOTION BOARD

✉ contact@oasisinfobyte.in

OIB/JUL344



www.oasisinfobyte.com



Date: 15/10/2022

Internship Certificate

This is to certify that Insha Mulla has completed an internship with DeepThought EduTech Ventures from 15/06/2022 to 30/09/2022.

The intern underwent training on Technical product management (app fixing, content, UI fixes) and leadership. We hope that the learnings of the internship are carried forward. We wish Insha all the best for future career endeavors.

Regards,

DocuSigned by:
S05C013751B74F...

Tarun Ayitam,
CEO,
DeepThought EduTech Ventures Pvt Ltd
<https://www.deepthought.education>



JUPPITER
Labs

AI

Date: 11th OCT 2022

Certificate of Completion

This letter is to certify that Jainil Shah has successfully completed his internship Program with Juppiter AI Labs. His internship tenure started from 14 June 2022 till 1st OCT, 2022. He was working as a Machine Learning Intern under the guidance of Parth.

He was seen actively and diligently involved in the projects and tasks assigned to him. During the span, we found him punctual and hardworking. His learning attitude is commendable. His feedback and evaluation proved that he learned keenly. Moreover, his interpersonal and communication skills are brilliant.

His association with us was very fruitful and we wish him all the best in his future endeavors.

Certified true copy
For JUPPITER AI LABS PRIVATE LIMITED



Director
DIN : 09070227

LETTER OF COMPLETION



**Blissfull Prosperity
Solutions**

☎ 08286000321
🌐 jitendra@guptajitendra.com
✉ www.guptajitendra.com

Date: 24th August, 2022

To whomsoever it may concern,

This is to certify that **Ms. Vaishnavi Deokar** has worked with **BLISSFULL PROSPERITY SOLUTIONS** as a **Graphic designing Intern** for a period of 2 months. She was employed from **20th June 2022** to **20th August 2022**. She is based in **Mumbai, Maharashtra**.

During the period of her internship program with us, we found her to be dedicated, creative, a team player, and optimistic.

This Letter is issued for the employment confirmation with **BLISSFULL PROSPERITY SOLUTIONS**.

Sincerely,

Amisha Gurjar
General Manager
BLISSFULL PROSPERITY SOLUTIONS

Blissfull Prosperity Solutions

68/8, Girish Bhavan, J.B. Nagar, Andheri (East), Mumbai 400059

CERTIFICATE OF COMPLETION

8/10/2022

This certificate is proudly presented to

Vaishnavi Vijay Deokar

for successful completion of **1 month internship** in
Web Development and Designing
with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

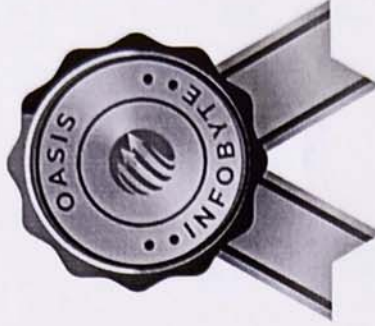
OIB/JUL.409



www.oasisinfobyte.com



OASIS
INFOBYTE



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
REGD. OFF. OF GOVT. OF INDIA

Certificate of Internship

This is to Certify that

Mr. Vishal Devnath Gupta

Has completed his/her internship at Aarbee Aqua from 24th June 2022 to 30th December 2022 and has successfully developed woocommerce website and inventory management system for the company



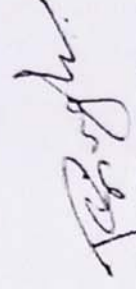
Mr. Ashish Shah

Director



Ms. Prashvnsa Dhuri

Business Manager



Ms. Pooja Sonar

HR Manager



Date: 01/09/2022

TO WHOM IT MAY CONCERN

This is to certify that **Mr. Shobhit Kumar Singh** has successfully completed a 2 months (**1st July 2022 to 1st September 2022**) long internship programme at Discite Analytics & AI LLP.

During the period of his internship programme with us he was found punctual, hardworking and inquisitive.

We wish him great success in all of his future endeavours.

Tarushi

Manager – People Ops

Discite Analytics & AI LLP

Discite Analytics & AI LLP

Certificate of Internship

This Certificate goes to

Rijul chandraprakash tiwari

For successfully completing his/her internship
as a Web developer

Intern at Sahu Technologies

SAHU **Duration**
45 Days **Technologies**

Start Date : 15/07/2022 End Date : 5/08/2022

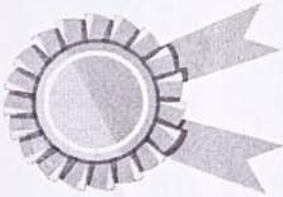


Certificate ID : SAHU/7845/9
Dated : 12/10/2022
Place : Mumbai

Project Topics

Web development

Maheshwari Sahu
Founder & CEO
Sahu Technologies



GIFTANA®

#GiftLiyaKya?

This is to certify that

Mr. Rijul Tiwari

has successfully completed the Internship at Giftana
from 12th Dec 2022 to 12th Feb 2023

Made an E-commerce website by using the technology MERN Stack (MongoDB, React, Node js, Express).
His role was to build backend logic and integrate it with the client side of the website.

Shoaib Shaikh
Proprietor



CERTIFICATE

— OF APPRECIATION —

October 2022

This certificate is proudly presented to

Fawaz

for outstanding performance in
making study hassle-free for our students

Imbesat

IMBESAT AHMAD
CEO

Rohit

ROHIT KUMAR
CPO

Shadman

SHADMAN ANWER
CTO



MAROON OAK TECHNOLOGIES PVT. LTD.

[CIN: U72900GJ2021PTC121138]

A 66, Kuldevi Krupa Residency, Mehsana, Gujarat, India - 384003

(022) 6201 3806 | contact@orennow.com

18

17th October, 2022

Dear Akshay Hegde,

Congratulations!

We are pleased to inform you that you have been selected for an internship with Maroon Oak Technologies Private Limited (Oren) for the position of **Software Engineering Intern**. We are delighted to have you on our team.

On successful completion, you will be awarded a **Letter of Completion and Letter of Recommendation**. Your monthly stipend will be INR 15,000 for the first two months and is subject to increasing based on good performance. You will work closely with the technology team and will be reporting to our CTO, Veeramuthu M.

We hope that you will work with complete dedication and enthusiasm leaving no stone unturned to meet our expectations. We look forward to working with you.

Let's make this world a better place together!

Regards,

Arooshi Dahiya
Co-founder and CEO
Maroon Oak Technologies Private Limited

Acceptance,
Akshay Hegde



INTERNSHIP
COMPLETION

CERTIFICATE

OF SUCCESSFUL COMPLETION OF INTERNSHIP

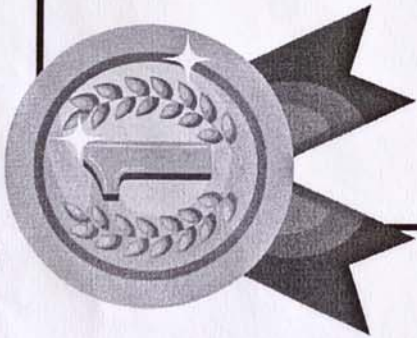
THIS CERTIFICATE IS PRESENTED TO

Rishabh Nahar

This is to certify that Rishabh Nahar, has successfully completed his internship as Jr. Web Developer with Swagsta Digital Solutions for the period of 3 months. Starting from 1st January 2023 to 31st March 2023. During the course of internship, Rishabh has shown great amount of responsibility, sincerity, and a genuine willingness to learn and zeal to take on new assignments & challenges. In particular, his coordination skills and communication skills are par excellence and his attention to details is impressive.

GFX. SAGAR SHAH
CEO & FOUNDER

**BUILDING
A
BRAND**



CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS PRESENTED TO

Saurabh Jagtap

Throughout the internship, he demonstrated a desire to learn new things.
He outperformed our expectations and completed his tasks on time.

We wish him all the best in his future endeavors.

HEMANTH NIRANJAN
MANAGING DIRECTOR & CEO



PatilKaki Ecom Ventures Private Limited,
294, Indira Nagar, KK Ganguly Marg, Juhu Tara
Road, Santacruz West - Mumbai - 400055
+91 8591 336 124 / contact@patilkaki.com
Web: www.patilkaki.com
CIN - U15100MH2022PTC377994

Experience Letter for Vinay Badgujar

Place: Santacruz, Mumbai

Date: 20th May 2023

To whom it may concern,

We hereby verify that **Vinay Badgujar** has worked with our company for the period of 3 months from 20th February, 2023 to 20th May, 2023 as a Devops Intern . While being employed here at PatilKaki, he has done a fantastic job and has been reliable, trustworthy, and hard-working throughout the duration of his employment.

As a Devops Intern here at PatilKaki, not only did he deliver exceptionally well on his assigned tasks but also contributed to enhancing other departments.

He was one of the most valuable employees here at PatilKaki. His attention to detail gave him an edge over others. His expertise in tools coupled with a strong work ethic makes him a gem for any organization.

We wish him nothing but the best. He would definitely make a great addition to whichever room he walks into.

Sincerely,



Darsheel Savla,
Co - Founder,
PatilKaki


IE

INEXPERIENCE

2

February 21, 2023

Mumbai, India

inexperieofficial@gmail.com 

Subject: Internship Offer Letter.

Dear AKASH RAMAVADH MOURYA,

Congratulations on your selection in **INexperience**.

We are pleased to inform you that you have been selected as an 'Back End Developer Intern' in **INexperience**.

Here are the terms of the engagement:

- Reporting Date: February 22, 2023
- Reporting Time: 10:00 am daily
- Duration of Internship: 2 months (From February 22, 2023 to April 22, 2023

As you are aware that this will be an **unpaid internship** but in the end, you will be entitled to a completion certificate on successful completion of the internship and submission of the report that you will have to prepare under the guidance of your supervisor.

As an intern, you will be receiving **"temporary employment status"**. As a temporary employee, you will not be eligible for any benefits that the Company offers to its employees.

This letter constitutes the complete understanding between you and the Company regarding your internship and supersedes all prior discussions or agreements.

Sincerely,
HR Manager



INEXPERIENCE

IE

INEXPERIENCE

February 21, 2023

Mumbai, India

inexperieofficial@gmail.com

Subject: Internship Offer Letter

Dear AKASH RAMAVADH MOURYA,

60 Days Introductory Period

An employee's first **Sixty (60) days of employment** are trial-based and considered a continuation of the employment selection process. The Sixty (60) day probationary period provides the company an opportunity to observe and evaluate the capacity of the employee, which includes the employee's ability to satisfactorily perform the essential functions of his or her job; and to observe and evaluate the employee's habits and conduct, including attendance and the employee's relationship with coworkers and superiors.

The employee will be eligible for benefits at the start of this probation period, the first day of employment.

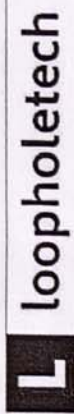
During this probationary period, the Company may terminate employment immediately, with or without cause and with or without notice. Likewise, the employee may also terminate his or her employment with the Company at any time, with or without notice and with or without cause.

The introductory period is just that, an introduction. Successful completion of the introductory signifies our hope that you will be capable of functioning fully in your position and our support of your professional success with us.

Sincerely,
HR Manager



INEXPERIENCE



CERTIFICATE OF COMPLETION

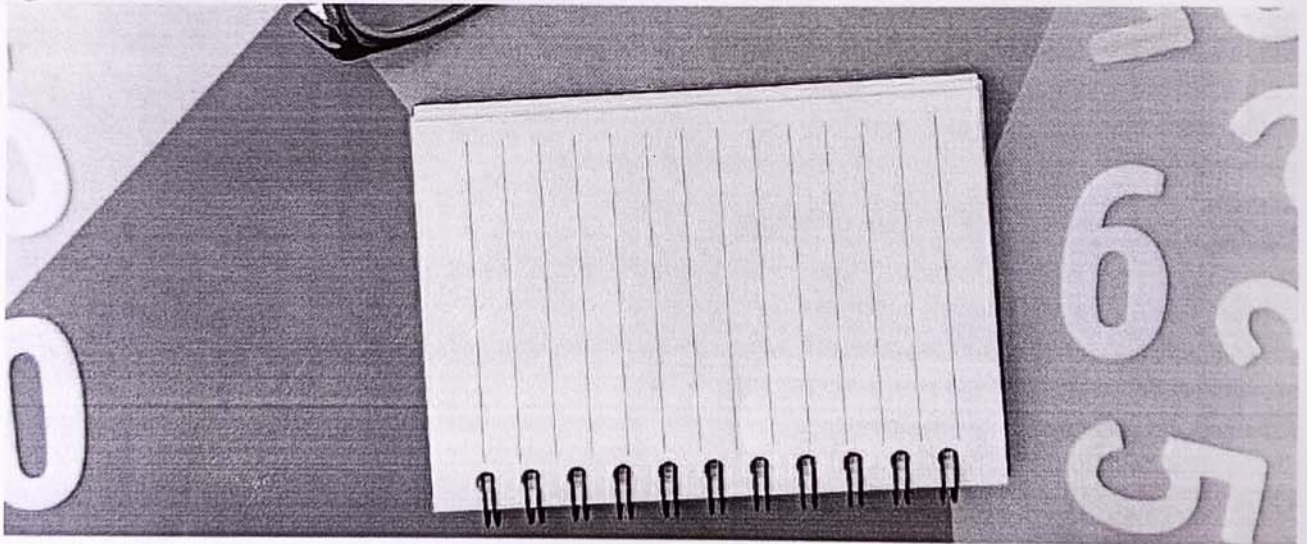
This is presented to

Vaibhav Gangurde

for successfully completing Web development
Internship from 27 Feb 2023 to 30 August 2023 at
loopholetech.

A handwritten signature in black ink, appearing to read 'P. GaiKWAD'.

PRANIT GAIKWAD
Founder- loopholetech





Certificate of Completion

Omkar Jadhav

has successfully completed one month internship in Fundamental of Machine Learning with Python for Business & Data Analytics at YBI Foundation from 27th March'23 to 26th April'23.

Thursday, Apr 27 2023
1436400002763910

YBI Foundation

www.ybifoundation.org (+91) 966 798 7711 support@ybifoundation.org



Skill
Trainers
Academy

Bring the Best

This is to certify that

Mr. Aditya Trivedi : T.E (IT)

Vidyavardhini's College of Engineering and Technology (VCET)

has successfully completed

the internship at L&T Skill Trainers Academy for implementation of

Hostel Management Module from 25th April 2022 to 31st July 2022



Bhuvan Damahe
Head L&T STA



COMPLETION CERTIFICATE

CID : IPI#9651

To whomever it may concern

This is to certify that **Sanjana Tiwari** worked as an Intern in our company from **29-May-2023 to 25-June-2023**

Please find the internship details below:

- Company Name:** InternPe
- Location:** Remote
- Domain:** Python Programming
- Designation:** Intern

During their working period, we found him/her to be a sincere and dedicated intern with a professional attitude and very good knowledge of the job.

We thank him/her for their efforts and contribution and wish him/her the best in future endeavors.

Yours Sincerely

Sanjana Tiwari
 (Co-Founder)
 InternPe



www.internpe.in



COMPLETION CERTIFICATE

CID : IPI#12665

To whomever it may concern

This is to certify that **Karan Bhavesh Gandhi** worked as an Intern in our company from **19-June-2023 to 16-July-2023**

Please find the internship details below:

Company Name: InternPe
Location: Remote
Domain: Python Programming
Designation: Intern

During their working period, we found him/her to be a sincere and dedicated intern with a professional attitude and very good knowledge of the job.

We thank him/her for their efforts and contribution and wish him/her the best in future endeavors.

Yours Sincerely

**(Co-Founder)
InternPe**



www.internpe.in



**VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY**

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra

CERTIFICATE OF COMPLETION

This is to certify that

Poonam Bhavsar

has successfully completed **Two Weeks Internship** on

Data Science

from 20th June, 2022 to 1st July, 2022. Organized by
Vidyavardhini's College of Engineering and Technology

Mr. Anand Sankhe

Executive Engineer (A/C), IT, MMRDA

Dr. Harish Vankudre

Principal, VCET



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Niyukti Sudhakar Patil

Has successfully completed **10 Days (Two Weeks) Internship** on
Application development using Fire Bird V Robot
from 12th December 2022 to 23rd December, 2022, Organized by Industry
Institute Interaction Cell of Vidyavardhini's College of Engineering and
Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Megha Trivedi
Co-ordinator E-Yantra
Robotics Lab

Dr. Smita A. Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (Wcst), Dist.- Palghar, Maharashtra



TECHCRYPTORS
SOLUTIONS

CERTIFICATE OF COMPLETION

This is to certify that

Aashlesha Ajay Rajput

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



TECHCRYPTORS

CERTIFICATE OF COMPLETION

This is to certify that

Abhishek Hatui

Has successfully completed **Two Weeks Internship in**
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasni Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Atharva Patil

Has successfully completed **Two Weeks Internship** in

Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Ayush Khamkar

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with AutospringsPvt.Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



TECHCRYPTORS
University Technology and Innovation

CERTIFICATE OF COMPLETION

This is to certify that

Kartik Poojary

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Profulla Patil
IICC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Prathamesh Mayekar

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidya Vardhini's College of Engineering and Technology in
Association with Autosprings Pvt.Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Raj Jaywant Waghmare

Has successfully completed **Two Weeks Internship in
Android Application Development using Kotlin**
from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Autosprings Pvt.Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist. - Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Riddhi Chavda

Has successfully completed **Two Weeks Internship in
Data Science**

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Sakshi Ranjan Sankhe

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Fracture Cell of Vidya Vardhini's College of Engineering and Technology in
Association with Autosprings Pvt.Ltd.

Prof. Prafulla Patil
Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



TECHCRYPTORS

CERTIFICATE OF COMPLETION

This is to certify that

Sanika Deepak Patil

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasni Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

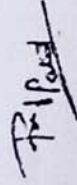
This is to certify that

Sanskruti Kokare

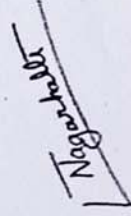
Has successfully completed **Two Weeks Internship in**

Data Science

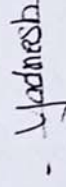
from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.



Prof. Prafulla Patil
IIC Coordinator



Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science



Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors



Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist. - Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

SHREEYA ARUN PANCHAL

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



TECHCRYPTORS
University Technology for You

CERTIFICATE OF COMPLETION

This is to certify that

Vedant Lad

Has successfully completed **Two Weeks Internship** in

Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal


VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

MINI PROJECT LIST
Academic Year 2022-2023
Subject: MINI PROJECT- 1A
Class: SE/III

Grp. No.	Roll no.	Name of the students	Project Title
1	49	Aditya Singh	Criminal face detection system
	46	Mittrav Shah	
	19	Isha Kshatriya	
2	1	Pradip aldar	Learning Management System
	26	Akash mourya	
	56	Sanjana tiwari	
3	51	Yash Solanki	Event Management System
	54	Rohit Thakur	
	60	Ramesh Yadav	
4	4	Kashish Bhanushali	Face recognition attendance system
	5	Ayushi Bisen	
	11	Aman Gupta	
5	22	Prathamesh Mayekar	Interview prep website
	38	Kunal Pitale	
	53	Manas Tambe	
6	50	Prajyot Sogale	E-Library Management system
	55	Pankaj Thankar	
	59	Raj Waghmare	
7	32	Harsh Patil	Cricket scoring system
	40	Saurabh Rana	
	47	Amaan Shaikh	
8	33	Niyukti Patil	Student Portfolio
	35	Sanika Patil	
	39	Kartik Poojary	
9	24	Kaushal A Mestry	Ticket booking system

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

	34	Parth V Patil	
	45	Aditya N Shah	
10	13	Aditya A Hendve	Pharamacy management system
	31	Vivek V Patel	
	37	Atharva V Pimple	
11	8	Vaishnavi Dungawat	Inventory management system
	25	Khushboo Mishra	
	27	Aishwarya Nair	
12	17	Ayush Khamkar	Event Management System
	18	Rehman Khan	
	20	Shlok Lad	
13	6	Sahil Chalke	Student Management System
	9	Karan Gandhi	
	10	Shruti Gharat	
14	12	Sima Gupta	Virtual Mouse
	16	Chaitali Karale	
	23	Tejal Mendhe	
15	2	Kaustubh bankar	Web Browser
	36	Sanket Patil	
	44	Aditiya Salkar	
		Atharva pathekar	
16	42	aniruddha rawool	Blog website
	43	shranya rudraksha	
	3	sumit barkade	
17	21	Shruti lawand	PDF Converter
	28	Shreya Nayak	
	29	Kavisha Pachalkar	
18	41	Akash Rathode	Food Calorie counter
	58	Aditya Wadje	
	48	Satyam Sharma	
19	7	Meet Dodiya	Text to speech converter
	14	Akshar Hihoriya	
	15	Ashish jha	



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

20	57	Abhay	E-commerce website
	52	Kshitij Sonavane	
	61	Ritik Yadav	
21	70	Atharva Patil	ATM Stimulator based on Java
	73	Afza Phaltankar	
	71	Amruta Jadhav	
22	75	Rahul Chaudhari	Pharmacy Management System
	74	Durvesh Patil	
	76	Akshay Jadhav	
23	69	Akshay Patil	Cars Sales System
	62	Harshad Kolekar	
	77	Sakshi Koli	
	64	Vaibhav Solunkhe	
24	72	Mehek Mulla	Secure Java Chat App
	65	Ameesh Mhatre	
	66	Dhiraj Kapse	
25	67	Harshi Shah	Bus ticket Booking System
	68	Vishakha Salvi	
	63	Vaibhav Gangurde	



P. T. Lewis
HEAD
Dept. of Information Technology
Vidyavardhini's College of
Engineering and Technology.
Vasai Road 401202.

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

MINI PROJECT LIST**Academic Year 2022-2023****Subject: MINI PROJECT- 1B****Class: SE/IV**

Grp. No.	Roll no.	Name of the students	Project Title
1	1	Pradip Machhindra Aldar	Gym Management System
	2	Kaustubh Vilas Bankar	
	3	Barkade Sumit Shivaji	
2	4	Meet Ashok Dodiya	Learning Management System
	5	Hihoriya Akshar Sureshbhai	
	6	Lad Shlok Shubhash	
3	7	Khamkar Ayush Dattaram	Event Management System
	8	Khan Rehamn Riyaz Ahmed	
	9	Jha Ashish Anjan	
4	10	Gupta Aman Ramparbesh	Face recognition attendance system
	11	Hendve Aditya Anand	
	12	Kshatriya Isha Santosh	
5	13	Kashish Vishal Bhanushali	Interview prep website
	14	Bisen Ayushi Gangesh	
6	15	Dungawat Vaishnavi Mahendra Paras	E-Library Management system
	16	Gupta Sima Ramesh	
	17	Karale Chaitali Gajanan	
7	18	Sahil Sanjay Chalke	Cricket scoring system
	19	Gandhi Karan Bhavesh	
	20	Gharat Shruti Bhushan	
8	21	Lawand Shruti Uttareshwar	Student Portfolio
	22	Nayak Shreya Umesh	
	23	Pachalkar Kavisha Manoj	
9	24	Mayekar Prathamesh Vinod	Ticket booking system
	25	Tejal Ramdas Mendhe	

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

	26	Patil Niyukti Sudhakar	
10	27	Mestry Kaushal Abhay	Pharamacy management system
	28	Patekar Atharva Surendra	
	29	Patil Sanket Bharat	
11	30	Mishra Khushboo Rakesh	Inventory management system
	31	Mourya Akash Ramavadh	
	32	Nair Aishwarya Ashok	
12	33	Patel Vivek Vinay	Event Management System
	34	Pimple Atharva Vikas	
	35	Patil Harsh Ravindra	
13	36	Pitale Kunal Rajesh	Student Management System
	37	Rana Saurabh Mansingh	
	38	Patil Parth Vasant	
14	39	Patil Sanika Deepak	Virtual Mouse
	40	Poojary Kartik Shriniwas	
	41	Sogale Prajyot Chandrakant	
15	42	Sonawane Kshitij Vilas	Web Browser
	43	Waghamare Raj Jaywant	
	44	Rathod Akash Subhash	
16	45	Salkar Aditya Ajit	Blog website
	46	Aditya Rajendra Wadje	
	47	Mestry Kaushal Abhay	
17	48	Thankar Pankaj Sampat	PDF Converter
	49	Upadhaya Abhay Hemant	
	50	Yadav Ritik Brijraj	
18	51	Shah Mittrav Hetalkumar	Food Calorie counter
	52	Shaikh Amaan Salim	
	53	Aditya Udaypratap Singh	
19	54	Solanki Yash Rajesh	Text to speech converter
	55	Rohit Sanjay Thakur	
	56	Yadav Ramesh Rajesh	
20	57	Tambe Manas Satish	E-commerce website
	58	Shah Aditya Nikunj	



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

	59	Sharma Satyam Babul	
21	60	Rawool Aniruddha Babaji	Vehicle Rental system
	61	Rudraksha Shranya Sunil	
	62	Sanjana Rahul Tiwari	
22	63	Patil Durvesh B.	Employee Management System
	64	Chaudhari Rahul R.	
	65	Koli Sakshi M.	
23	66	Dhiraj Kapse	PC Logger
	67	Mahek Mulla	
	68	Vaibhav Gangrude	
24	69	Afza Phaltankar	ATM Management System
	70	Amruta Jadhav	
	71	Atharva Patil	
25	72	Harshil Shah	Typing speed tester
	73	Vishakha Salvi	
	74	Ameesh Mhatre	
26	75	Akshay Jadhav	Unlocking the future of finance with A.I
	76	Vaibhav Solunke	
27	77	Harshad Kolelar	Restaurant Management System
	78	Akshay Patil	



P. T. Lawry
HEAD
Dept. of Information Technology
Vidyavardhini's College of
Engineering and Technology.
Vasai Road 401202.

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

MINI PROJECT LIST**Academic Year 2022-2023****Subject: MINI PROJECT-2A****Class: TE/V**

Grp. No.	Roll no.	Name of the students	Project Title
1	6	Tanuj Bordikar	Traveller's Social Media
	20	Saurabh Jagtap	
	42	Sahil Salian	
	50	Bhagyesh Shinkar	
2	63	Rakesh Zore	Music Player Web App
	8	Rijul Tiwari	
	52	Vikram Shitole	
	31	Pradip pal	
3	13	Vishal Gupta	College Event Management System
	14	Manaswi Jadhav	
	15	Omkar Jadhav	
	50	Shlok Shetty	
4	16	Abhishek Jani	Productivity webapp
	17	Zaid Khan	
	18	Jayesh Khandare	
	35	Shreya Parchurkar	
5	54	Raj Srivastav	"Automated CV Maker "
	46	Vatsal Shah	
	47	Shreyash Kothi	
	24	Neel Lopes	
6	5	Dipak Borase	Visitor Experience Management Solution
	37	Akshta patil	
	55	pallavi thakur	
7	60	Tanishka Wani	Booking Website
	23	Pratyush Lokhande	

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

	2	Devyani Bhakare	
	7	Riddhi Chavda	
8	29	Anish Mohite	E-notes
	36	Tanmay Arsanian	
	57	Aditya Trivedi	
	56	Rishabh Nahar	
9	21	Siddhi Kolwankar	Streaming App
	30	Vinish Nagzarkar	
	46	Harsh Sawant	
	59	Jayesh Wadhe	
10	27	Kedar Malap	Real Time Chat Application
	28	Himadri Manna	
	42	Yash Raut	
	26	Suraj Mahto	
11	3	Akash Bhandari	Blog Application
	48	Fawaz Shaikh	
	53	Shobhit Kumar Singh	
	62	Aman yadav	
12	19	Sanskriti Kokare	Movie Search Engine
	4	Poonam Bhavsar	
	58	Anuj Urunkar	
	33	Shreeya Panchal	
13	45	Sakshi Sankhe	Food Delivery System
	32	Prathamesh Sawant	
	25	Mayank Mahajan	
	49	Nihal Shaikh	
14	38	Gaurav Phatkare	Goal Planner
	41	Viraj Rane	
	40	Sudesh Rajad	
	34	Rushikesh Parab	
15	9	Harsh Churi	Expense Tracker
	10	Anish Dalvi	
	11	Vaishnavi Deokar	



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

	12	Shravani Gavali	
16	75	Ruchi Gharat	Furniture Store Management System
	71	Aditi Khambe	
	68	Abhishek Hatui	
	66	Tejaswini Borekar	
17	67	Ashlesha Rajput	Video Streaming Platform
	64	Shravani Gavli	
	74	Vedant Lad	
	72	Parth Chavan	
18	76	Nihal Madvi	Social Media App
	69	Chirag Sankhe	
	65	Ayush Dhamankar	
	70	Pritesh Ghanvat	
19	44	Sahaj Saliya	The Code Editor
	61	Abhishek Yadav	
	1	Hrishikesh Adhau	
	73	Viraj Kale	



P. T. Leary
HEAD
Dept. of Information Technology
Vidyavardhini's College of
Engineering and Technology.
Vasai Road 401202.

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

MINI PROJECT LIST**Academic Year 2022-2023****Subject: MINI PROJECT-2B****Class: TE/VI**

Grp. No.	Roll no.	Name of the students	Project Title
1	6	Tanuj Bordikar	Plant Disease Detection
	20	Saurabh Jagtap	
	42	Sahil Salian	
	50	Bhagyesh Shinkar	
2	63	Rakesh Zore	Diet Recommendation System
	8	Rijul Tiwari	
	52	Vikram Shitole	
	31	Pradip pal	
3	13	Vishal Gupta	Object Detection (Fruits and classification)
	14	Manaswi Jadhav	
	15	Omkar Jadhav	
	50	Shlok Shetty	
4	16	Abhishek Jani	Yoga posture Accuracy Detection System
	17	Zaid Khan	
	18	Jayesh Khandare	
	35	Shreya Parchurkar	
5	54	Raj Srivastav	OCR (Optical character Recognition)
	46	Vatsal Shah	
	47	Shreyash Kothi	
	24	Neel Lopes	
6	5	Dipak Borase	Plant disease detection
	37	Akshta patil	
	55	pallavi thakur	
7	60	Tanishka Wani	Chat Profanity detector

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

	23	Pratyush Lokhande	
	2	Devyani Bhakare	
	7	Riddhi Chavda	
8	29	Anish Mohite	Funding App for startups
	36	Tanmay Arsanian	
	57	Aditya Trivedi	
	56	Rishabh Nahar	
9	21	Siddhi Kolwankar	Songs Recommendation System
	30	Vinish Nagzarkar	
	46	Harsh Sawant	
	59	Jayesh Wadhe	
10	27	Kedar Malap	Stock Market Analysis
	28	Himadri Manna	
	42	Yash Raut	
	26	Suraj Mahto	
11	3	Akash Bhandari	Diabetes prediction
	48	Fawaz Shaikh	
	53	Shobhit Kumar Singh	
	62	Aman yadav	
12	19	Sanskriti Kokare	Flight fare prediction
	4	Poonam Bhavsar	
	58	Anuj Urunkar	
	33	Shreeya Panchal	
13	45	Sakshi Sankhe	Real Estate Price Prediction
	32	Prathamesh Sawant	
	25	Mayank Mahajan	
	49	Nihal Shaikh	
14	38	Gaurav Phatkare	Movie Recommendation System
	41	Viraj Rane	
	40	Sudesh Rajad	
	34	Rushikesh Parab	
15	9	Harsh Churi	Book Recommendation System
	10	Anish Dalvi	



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

	11	Vaishnavi Deokar	
	12	Shravani Gavali	
16	75	Ruchi Gharat	Heart Attack Analysis & Prediction
	71	Aditi Khambe	
	68	Abhishek Hatui	
	66	Tejaswini Borekar	
17	67	Ashlesha Rajput	Car price prediction
	64	Shravani Gavli	
	74	Vedant Lad	
	72	Parth Chavan	
18	76	Nihal Madvi	Home price prediction
	69	Chirag Sankhe	
	65	Ayush Dhamankar	
	70	Pritesh Ghanvat	
19	44	Sahaj Saliya	Flight price prediction
	61	Abhishek Yadav	
	1	Hrishikesh Adhau	
	73	Viraj Kale	



P.T. Lawry
HEAD
Dept. of Information Technology
Vidyavardhini's College of
Engineering and Technology.
Vasai Road 401202.


VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

MAJOR PROJECT LIST
Academic Year 2022-2023
Subject: MAJOR PROJECT-I
Class: BE/VII

Grp. No.	Roll no.	Name of the students	Project Title
1	56	Kushal Rajendra Sankhe	Whatsapp chat analyzer
	82	Viditi Vijendra vartak	
	81	Sarvmbh Mahendr Sawant	
2	27	Bhargav Kashiya	Web Portal for unused Medicine Donation gor NGO's
	24	Jimit Joshi	
	52	Yash Ramteke	
3	25	Aaditi Sarjerao Kadam	Road Lane Line Detection
	47	Harshal Avinash Patil	
	55	Divya Dilip Sakre	
4	46	Mrunmayi Patankar	Emotion Recognition Based on Speech and Facial Expression
	39	Insha Mulla	
	32	Harshita Madane	
5	50	Tanay Amit Patil	Enterprise Data Governance
	58	Manthan Mahendra Sarfare	
	63	Omkar Arun Sodaye	
6	38	Mohit Varma	Online Platform for coding Compitition
	54	Rayyan Ranje	
	69	Aayush Vishwakarma	
7	19	Aayushi Ghag	Data sharing over Blockchain
	33	Kajal Mahajan	
	70	Jay Wanjari	
8	48	Sahil Dharmaraj Patil	Potato Disease Classification
	28	Aniket Suryakant Korgaonkar	
	40	Shashank abhimanyu Nadankar	
9	11	Prem Kanhaiya Bhanushali	Yoga AI Trainer
	28	Aniket Suresh Khanjode	

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

	17	Ruchita RajaBhau Gaikwad	
10	9	Vaibhav Bhalala	Scene Recognition
	44	Aradhya Parab	
	68	Hardik Vartak	
11	6	Sampada Patil	Bits Management System Using ML
	74	Ajay kanse	
	72	Govind Bhattad	
12	51	Supriya Sukumar Poojary	Smart Systems for mental fitness
	78	Isha Modak	
	66	Meghna Ushinkar	
13	61	Jainil Manish Shah	Attack detection and prediction using ML
	60	Devansh Jignesh Shah	
	59	Ajay Deepak Shah	
14	20	Kaustubh Vasant Gharat	Remote Resource Monitoring System
	18	Nidan Bharat Gavali	
	16	Vaibhav Ganesh Deshmukh	
15	4	Siddhant Shashikant Meher	E-commerce Application using Augmented Reality
	8	Sanket Vijay Wagh	
	5	Mrunal Manoj Parmar	
16	80	Vedant Rajesh Sankhe	Phishing Website Detection using Machine Learning
	75	Khushi Kashyap	
	79	Yash Sanjay Samant	
17	29	Tejas Kolwankar	Bot Development for Slack and MSTEams using webMethods.io product suit
	22	Akshay Hegde	
	71	Nilesh Yadav	
18	34	Aesha Mahida	Path and sorting Visualizer
	31	Isha Kule	
	57	Sanskriti Sankhe	
19	15	Asim Churihar	Identification of Vulnerable Social Bots Using Learning Automata With URL Features in Social Media Network
	42	Naman Pandey	
	23	Yogesh Jain	



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

20	37	Tushar Mittal	Automatic Number Plate Detection and Parking System
	36	Dhruvil Mehta	
	35	Shreyas Manoti	
21	53	Simran Rangari	E-commerce App for electrical products
	62	Aniket Shinde	
	64	Ganesh Thapa	
22	12	Divya Rajesh Chaudhari	Diabetes Predictor
	14	Mrunali Daji Chougule	
	43	Prince Ashok Pandey	
23	49	Sunny Patil	Decentralized cryptocurrency exchange
	41	Shivam Pal	
	45	Pankaj Parte	
24	73	Mahati Gholap	Mental Health Tracker
	7	Vaishnavi Rashivadekar	
	3	Hardik Dangiya	
25	13	Swajeet Subhash Chavan	Web Based Pet Adoption System
	10	Harshwardhan Anil Bhale	
	26	Chetan Najindra Kamble	
26	1	Tejas Satish Samrut	Stock Price Prediction using Deep learning
	2	Vinay Kishor Badgujar	
	67	Sibin Sunil Varghese	
27	65	Amit Tople	Scalable and Reusable SOA Services
	76	Sohan Khedekar	
	77	Amit Maregude	



P. T. Lewis
HEAD
Dept. of Information Technology
Vidyavardhini's College of
Engineering and Technology.
Vasai Road 401202.

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

MAJOR PROJECT LIST**Academic Year 2022-2023****Subject: MAJOR PROJECT-II****Class: BE/VIII**

Grp. No.	Roll no.	Name of the students	Project Title
1	56	Kushal Rajendra Sankhe	Whatsapp chat analyzer
	82	Viditi Vijendra vartak	
	81	Sarvmbh Mahendr Sawant	
2	27	Bhargav Kashiya	Web Portal for unused Medicine Donation gor NGO's
	24	Jimit Joshi	
	52	Yash Ramteke	
3	25	Aaditi Sarjerao Kadam	Road Lane Line Detection
	47	Harshal Avinash Patil	
	55	Divya Dilip Sakre	
4	46	Mrunmayi Patankar	Emotion Recognition Based on Speech and Facial Expression
	39	Insha Mulla	
	32	Harshita Madane	
5	50	Tanay Amit Patil	Enterprise Data Governance
	58	Manthan Mahendra Sarfare	
	63	Omkar Arun Sodaye	
6	38	Mohit Varma	Online Platform for coding Compition
	54	Rayyan Ranje	
	69	Aayush Vishwakarma	
7	19	Aayushi Ghag	Data sharing over Blockchain
	33	Kajal Mahajan	
	70	Jay Wanjari	
8	48	Sahil Dharmaraj Patil	Potato Disease Classification
	28	Aniket Suryakant Korgaonkar	
	40	Shashank abhimanyu Nadankar	
9	11	Prem Kanhaiya Bhanushali	Yoga AI Trainer

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

	28	Aniket Suresh Khanjode	
	17	Ruchita RajaBhau Gaikwad	
10	9	Vaibhav Bhalala	Scene Recognition
	44	Aradhya Parab	
	68	Hardik Vartak	
11	6	Sampada Patil	Bits Management System Using ML
	74	Ajay kanse	
	72	Govind Bhattad	
12	51	Supriya Sukumar Poojary	Smart Systems for mental fitness
	78	Isha Modak	
	66	Meghna Ushinkar	
13	61	Jainil Manish Shah	Attack detection and prediction using ML
	60	Devansh Jignesh Shah	
	59	Ajay Deepak Shah	
14	20	Kaustubh Vasant Gharat	Remote Resource Monitoring System
	18	Nidan Bharat Gavali	
	16	Vaibhav Ganesh Deshmukh	
15	4	Siddhant Shashikant Meher	E-commerce Application using Augmented Reality
	8	Sanket Vijay Wagh	
	5	Mrunal Manoj Parmar	
16	80	Vedant Rajesh Sankhe	Phishing Website Detection using Machine Learning
	75	Khushi Kashyap	
	79	Yash Sanjay Samant	
17	29	Tejas Kolwankar	Bot Development for Slack and MSTeams using webMethods.io product suit
	22	Akshay Hegde	
	71	Nilesh Yadav	
18	34	Aesha Mahida	Path and sorting Visualizer
	31	Isha Kule	
	57	Sanskriti Sankhe	
19	15	Asim Churihar	Identification of Vulnerable Social Bots Using Learning Automata With URL Features in Social Media Network
	42	Naman Pandey	
	23	Yogesh Jain	

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

20	37	Tushar Mittal	Automatic Number Plate Detection and Parking System
	36	Dhruvil Mehta	
	35	Shreyas Manoti	
21	53	Simran Rangari	E-commerce App for electrical products
	62	Aniket Shinde	
	64	Ganesh Thapa	
22	12	Divya Rajesh Chaudhari	Diabetes Predictor
	14	Mrunali Daji Chougule	
	43	Prince Ashok Pandey	
23	49	Sunny Patil	Decentralized cryptocurrency exchange
	41	Shivam Pal	
	45	Pankaj Parte	
24	73	Mahati Gholap	Mental Health Tracker
	7	Vaishnavi Rashivadekar	
	3	Hardik Dangiya	
25	13	Swajeet Subhash Chavan	Web Based Pet Adoption System
	10	Harshwardhan Anil Bhale	
	26	Chetan Najindra Kamble	
26	1	Tejas Satish Samrut	Stock Price Prediction using Deep learning
	2	Vinay Kishor Badgujar	
	67	Sibin Sunil Varghese	
27	65	Amit Tople	Scalable and Reusable SOA Services
	76	Sohan Khedekar	
	77	Amit Maregude	



P. T. Lawy
HEAD
Dept. of Information Technology
Vidyavardhini's College of
Engineering and Technology.
Vasai Road 401202.


VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

COURSE PROJECT LIST

Academic Year 2022-2023

Subject: DS using Python Lab
Class: TE/VI

Group No.	Roll No.	Name of Students	Project Title (Dataset selected)
1	1	Hrishikesh Avinash Adhau	Loan approval prediction
	2	/Devyani Mohan Bhakare	
	3	Aakash Ajay Bhandari	
2	4	/Poonam Mahesh Bhavsar	Credit card fraud detection
	5	Dipak Balu Borase	
	6	Tanuj Ravindra Bordikar	
	19	/Sanskruiti Rajkumar Kokare	
3	7	/Riddhi Prafulbhai Chavda	Hotel Reservation
	8	Rijul Chandraprakash Tiwari	
	9	Harsh Bhupesh Churi	
4	10	Anish Subhash Dalvi	Customer spending score
	11	/Vaishnavi Vijay Deokar	
	12	/Shravani Nitin Gavali	
5	13	Vishal Devnath Gupta	Heart Disease Prediction
	14	/Manaswi Jayant Jadhav	
	15	Omkar Dinkar Jadhav	
6	16	Abhishek Darshan Jani	House Rent Price Prediction
	17	Zaid Bashir Khan	
	18	Jayesh Manohar Khandare	
7	20	Saurabh Sandeep Jagtap	Lay offs
	21	/Siddhi Rishikesh Kolwankar	
	22	Shreyash Rajendra Kothi	
8	23	Pratyush Sandeep Lokhande	Seattle Weather Data
	24	Neel Paul Lopes	
	25	Mayank Sandeep Mahajan	
9	26	Suraj Sachin Mahto	Yahoo Finance
	27	Kedar Rajendra Malap	



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

	28	Himadri Bholanath Manna	
10	29	Anish Prashant Mohite	Diabetes Prediction
	30	Vinish Vikas Nagzarkar	
	31	Pradip Rambachan Pal	
	32	Prathamesh Rajendra Sawant	
11	33	Shreeya Arun Panchal	IPL auction dataset
	34	Rushikesh Ramesh Parab	
	35	/Shreya Ajit Parchurkar	
12	36	Tanmay Ashwin Arsanian	Big Market Dataset
	37	/Akshata Sanjay Patil	
	38	Gaurav Sanjay Phatkare	
	40	Sudesh Shamu Rajad	
13	41	Viraj Harishchandra Rane	Employee Analysis
	42	Yash Bhavesh Raut	
	43	Sahil Pandurang Saliyan	
14	44	Sahaj Naresh Saliya	Crop Moisture Detection
	45	Sakshi Ranjan Sankhe	
	46	Harsh Vijay Sawant	
15	47	Vatsal Harish Shah	Data Science Jobs
	48	Fawaz Abdul Sattar Shaikh	
	49	Nihal Kismat Shaikh	
16	50	Shlok Pravin Shetty	Student Dropout and Academic Success
	51	Bhagyesh Sanjay Shinkar	
	52	Vikram Anil Shitole	
17	53	Shobhit Kumar Prabhat Kumar Singh	Diet Recommendation
	54	Raj Ajay Srivastav	
	55	/Pallavi Chandrajit Thakur	
18	56	Rishabh Pushkarlal Nahar	Startup funding
	57	Aditya Dharmesh Trivedi	
	58	Anuj Manoj Urunkar	
19	59	Jayesh Shashikant Wadhe	Spotify
	60	/Tanishka Manoj Wani	
	61	Abhishek Kanaiyalal Yadav	
20	62	Aman Sarvesh Yadav	Hotel Reservation
	63	Rakesh Ramchandra Zore	
	64	Gavli Shravani Vijay	
21			House Price Prediction



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

	65	Dhamankar Ayush Mangesh	
	66	/Borekar Tejaswini Sunil	
22	67	/Rajput Aashlesha Ajay	Heart Attack Analysis
	68	Hatui Abhishek Kanailal	
	69	Sankhe Chirag Manoj	
23	70	Ghanvat Pritesh Santosh	Video Game Sales
	71	/Khambe Aditi Manoj	
	72	Parth Suhas Chavan	
24	73	Kale Viraj Nandkumar	Car Price Prediction
	74	Lad Vedant Surendra	
	75	/Ruchi Rajendra Gharat	
	76	Madvi Nihal Kesarinath	



P. T. Lewis
HEAD
Dept. of Information Technology
Vidyavardhini's College of
Engineering and Technology.
Vasai Road 401202.

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

MINI PROJECT LIST**Academic Year 2022-2023****Subject: Sensor Lab****Class: TE/VI**

Group No.	Roll No.	Name	Title of the project
G1	1	Hrishikesh Adhu	Smart street light
	3	Aakash Bhandari	
	8	Rijul Tiwari	
	6	Tanuj Bordikar	
G2	2	Devayani Bhakare	Automatic Plant watering System
	4	Poonam Bhavsar	
	7	Riddhi Chavda	
	19	Sanskruiti Kokare	
G3	10	Anish Dalvi	Smart Motion detector
	13	Vishal Gupta	
	14	Manaswi Jadhav	
	15	Omkar Jadhav	
G4	9	Harsh Churi	Water Flow Measurement System
	11	Vaishnavi Deokar	
	12	Shravani N. Gawali	
G5	5	Dipak Borse	Automatic grass cutting robot
	16	Abhishek Jani	
	17	Zaid Bashir Khan	
	18	Jayesh Khandare	
G6	29	Anish Mohite	Line following robot
	30	Vinish Nagzarkar	
	35	Shreya Parchurkar	
	36	Tanmay Arsanian	
G7	22	Shreyash Kothi	Fire Detection system
	34	Rushikesh Parab	
	38	Gaurav Phatkare	
G8	27	Kedar Malap	Water quality monitoring system
	20	Saurabh Jagtap	
	37	Akshata Patil	
G9	25	Mayank Mahajan	Smart RFID Door Lock System
	24	Neel Lopes	
	23	Pratyush Lokhande	

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

G10	33	Shreeya Panchal	Water level monitoring system
	31	Pradip Pal	
	26	Suraj Mahto	
	32	Prathmesh Sawant	
G21	21	Himadri Manna	IoT based weather monitoring system
	22	Siddhi Kolvankar	
G11	47	Vatsal Shah	Gas leakage detection & notification system
	48	Fawaz Shaikh	
	49	Nihal Shaikh	
	44	Sahaj Saliya	
G12	40	Sudesh Rajad	Home Automation for light, fan and USB charger
	41	Viraj Rane	
	42	Yash Raut	
G13	55	Pallavi Thakur	Solar tracking system (lighting the lamp)
	52	Vikram shitole	
	53	Shobhit kumar Singh	
	43	Sahil Salian	
G14	51	Bhagyesh Shinkar	Smart street light
	50	Shlok Shetty	
	48	Sakshi Sankhe	
G15	57	Aditya Trivedi	Foot step power generartion
	54	Raj Srivastav	
	56	Rishabh Nahar	
	46	Harsh Sawant	
G16	74	Vedant Lad	Radar detection
	64	Shravani Gavali	
	60	Tanishka Wani	
	67	Aashlesha Rajput	
G17	66	Tejaswini Borekar	Sign Language Interpreter
	75	Ruchi Gharat	
	71	Aditi Khambe	
	68	Abhishek Hatui	
G18	69	Chirag Sankhe	Car Parking System
	70	Pritesh Ghanvat	
	73	Viraj Kale	
	76	Nihal Madvi	
G19	61	Abhishek Yadav	ECG monitoring System
	62	Aman Yadav	
	63	Rakesh Zore	



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

	65	Ayush Dhamankar	
G20	59	Jayesh Wadhe	Smart bridge
	72	Parth Chavan	
	58	Anuj Urunkar	



P. T. Lewis
HEAD
Dept. of Information Technology
Vidyavardhini's College of
Engineering and Technology.
Vasai Road 401202.

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

COURSE PROJECT**Academic Year 2022-2023****Subject: Blockchain****Class: BE/VIII**

Group No	Roll number	Name of Student	Title of Project
G1	59	AJAY SHAH	Crypto currency
	60	Devansh Shah	
	61	Jainil Shah	
	47	Harshal Patil	
G2	48	Sahil Patil	Decentralized File Storage System
	56	Kushal Sankhe	
	58	Manthan Sarfare	
G3	55	Divya Sakre	Savings and Lending Application
	53	Simran Rangari	
	46	Mrunmayi Patankar	
G4	67	Sibin Varghese	Crowdfunding project
	68	Hardik vartak	
	74	Ajay kanase	
	81	Sarvmbh sawant	
G5	77	Amit Mahadev Maregude	Voting System
	76	Sohan Sunil Khedekar	
	65	Amit Bharat Tople	
G6	9	Vaibhav Bhalala	Blockchain based attendance system
	18	Nidan Gavali	
	20	Kaustubh Gharat	
G7	44	Aradhya Parab	Blockchain wallet
	54	Rayyan Ranje	
	43	Prince Pandey	
G8	04	Siddhant S Meher	Polling System
	5	Mrunal Parmar	
	8	Sanket Wagh	
G9	06	Sampada patil	Product Identification
	07	Vaishnavi Rashivadekar	
	03	Hardik Dangiya	
G10	72	Govind Bhattad	Voting System Using Blockchain
	73	Mahati Gholap	
	78	Isha Modak	
	66	Meghna ushinkar 66	
G11	1	Tejas Samrut	Online Voting System Using Blockchain
	2	Vinay Badgujar	
	15	Asim Churihar	
G12	25	Aaditi Kadam	E-Voting System using Blockchain Technology
	32	Harshita Madane	

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

	38	Mohit Varma	
	39	Insha Mulla	
G13	10	Harshwardhan Bhale	E voting using blockchain
	13	Swajeet Chavan	
	16	Vaibhav Deshmukh	
G14	29	Tejas Kolwankar	NFT trading platform
	22	Akshay Hegde	
	23	Yogesh Jain	
	41	Shivam Pal	
G15	63	Omkar Sodaye	Blockchain Based Polling System
	69	Aayush Vishwakarma	
	70	Jay Wanjari	
G16	75	Khushi Kashyap	Land Registry System using Blockchain
	78	Yash Samant	
	80	Vedant Sankhe	
	82	Viditi Vartak	
G17	24	Jimit Joshi	Voting system
	26	Chetan Kamble	
	27	Bhargav Kashiya	
	31	Isha Kule	
G18	33	Kajal Mahajan	Lang Registration using Blockchain
	35	Shreyas Manoti	
	36	Dhruvil Mehta	
	37	Tushar Mittal	
G19	28	Aniket Khanjode	Build Coinbase Blockchain Web 3.0 App
	30	Aniket Korgaonkar	
	34	Aesha Mahida	
	40	Shashank Nadankar	
G20	45	Pankaj Parte	Decentralized Cryptocurrency Exchange
	49	Sunny Patil	
	50	Tanay Patil	



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra



P. T. Leary

HEAD

Dept. of Information Technology
Vidyavardhini's College of
Engineering and Technology.
Vasai Road 401202.

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY**

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

Course Project**Academic Year 2022-23****Subject: Data Science Lab****Sem VII**

Grp. No.	Roll no.	Name of the students	Project Title
1	1	Divya Chaudhari	Prediction Of Wine Quality
	2	Mrunali Chougule	
2	3	Amit Tople	Laptop price prediction
	4	Sohan Khedekar	
	5	Amit Maregude	
3	6	Jainil Shah	Online Payment Fraud Detection
	7	Ajay Shah	
	8	Devansh Shah	
4	9	Aradhya Parab	Heart disease prediction
	10	Prince Pandey	
	11	Rayyan ranje	
5	12	hardik vartak	Diabetes prediction
	13	sibin vargese	
	14	Ajay kanse	
6	15	Vaibhav Bhalala	credit card customers
	16	Kaustubh gharat	
	17	Nidan gavali	
7	18	Vedant sankhe	Video Game Sales Prediction
	19	Yash Samant	
	20	Khushi Kashyap	
8	21	Aaditi kadam	College placement prediction
	22	Insha Mulla	
	23	Harshita madane	
9	24	Kushal sankhe	Leaf disease detector
	25	Manthan Sarfare	
	26	Sahil Patil	



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

10	27	Swajeet Chavan	Intrusion Detection
	28	Harshwardhan Bhale	
	29	Vaibhav Deshmukh	
11	30	Tejas Samrut	Mobile price range prediction
	31	Asim Churihar	
	32	Vinay Badgujar	
12	33	Govind Bhattad	Email/SMS Spam Classifier
	34	Sarvmbh Sawant	
	35	Viditi Vartak	
13	36	Sampada Patil	Customer segmentation
	37	Vaishnavi Rashivadekar	
	38	Hardik Dangiya	
14	39	Mrunal Parmar	Prediction of water quality
	40	Sanket Wagh	
	41	Siddhant Meher	
15	42	Mahati Gholap	Detection of Credit Card Fraud
	43	Isha Modak	
	44	Meghna Ushinkar	
16	45	Pankaj Parte	Loan prediction
	46	Sunny Patil	
	47	Tanay Patil	
17	48	Divya Sakre	Sentiment analysis
	49	Simran Rangari	
	50	Mrunmayi Patankar	
18	51	Supriya Poojary	Customer churn analysis
	52	Sanskruti Sankhe	
	53	Harshal Patil	
19	54	Tejas Kolwankar	income levels prediction
	55	Shivam Pal	
	56	Aniket Khanjode	
20	57	Kajal Mahajan	Cricket world cup analysis
	58	Bhargav Kashiya	
	59	Jimit Joshi	
21	60	Omkar Sodaye	Disease Symptom Prediction
	61	Ganesh Thapa	



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

22	62	Aayush Vishwakarma	Restaurant recommendation system
	63	Jay Wanjari	
	64	Nilesh Yadav	
23	65	Aniket Korgaonkar	Fake News Detection
	66	Shashank Nadankar	
	67	Chetan Kamble	
24	68	Prem Bhanushali	Weather Prediction system
	69	Ruchita Gaikwad	
	70	Aayushi Ghag	
25	71	Aesha Mahida	Iris Flower Dataset
	72	Mohit Varma	
26	73	Shreyas Manoti	Travel Package Prediction
	74	Dhruvil Mehta	
	75	Tushar Mittal	
27	76	Naman Pandey	Forest Fire Prediction
	77	Aniket Shinde	
	78	Yash Ramteke	
28	79	Akshay Hegde	Handwritten character Recognition
	80	Yogesh Jain	
	81	Isha Kule	



P.T. Lewis
HEAD
Dept. of Information Technology
Vidyavardhini's College of
Engineering and Technology.
Vasai Road 401202.

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

COURSE PROJECT LIST**Academic Year 2022-2023****Subject: BI LAB****Class: TE/VI**

Grp. No.	Roll no.	Name of the students	Project Title
1	1	Hrishikesh Adhau	Heart Disease Prediction
	2	Devyani Bhakare	
	3	Aakash Bhandari	
2	4	Poonam Bhavsar	Credit card fraud detection system
	5	Dipak Borase	
	6	Tanuj Bordikar	
	7	Sanskruiti Kokare	
3	8	Riddhi Chavda	Hotel Reservation Prediction
	9	Rijul Tiwari	
	10	Harsh Churi	
4	11	Abhishek Jani	House Rent Prediction System
	12	Zaid Khan	
	13	Jayesh Khandare	
5	14	Vishal Gupta	Heart Disease Prediction
	15	Manaswi Jadhav	
	16	Omkar Jadhav	
6	17	Himadri Manna	BMI DATASET
	18	Shreya Parchurkar	
	19	Akshata patil	
7	20	Anish Mohite	Penguin Species Prediction
	21	Vinish Nagzarkar	
	22	Tanmay Arsanian	
8	23	Saurabh Jagtap	Stock Market Price Prediction
	24	Shreyash Kothi	
	25	Kedar Malap	
9	26	Anish Dalvi	Email Spam Detection

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

	27	Vaishnavi Deokar	
	28	Shravani Gavali	
10	29	Pratyush Lokande	Seattle Weather Dataset
	30	Neel Lopes	
	31	Mayank Mahajan	
	32	Siddhi Kolwankar	
11	33	Suraj Mahto	IMDB Movie Ratings Dataset
	34	Rushikesh Parab	
	35	Gaurav Phatkare	
12	36	Pradip Pal	Diabetes Prediction
	37	Prathamesh Sawant	
	38	Shreeya Panchal	
13	39	Sudesh Rajad	Market analysis
	40	Viraj Rane	
	41	Yash Raut	
14	42	Abhishek Yadav	Stock Prediction
	43	Aman Yadav	
	44	Rakesh Zore	
15	45	Sahil Salian	Engineering placement prediction
	46	Sahaj Saliya	
	47	Sakshi Sankhe	
16	48	Harsh Sawant	Effect of chemicals on wine quality
	49	Vatsal Shah	
	50	Fawaz Shaikh	
17	51	Shravani Gavli	House Price Prediction
	52	Ayush Dhamankar	
	53	Tejaswini Borekar	
18	54	Nihal Shaikh	Student Dropout and Academic Success prediction
	55	Shlok Shetty	
	56	Bhagyesh Shinkar	
19	57	Pallavi Thakur	Insurance Company
	58	Rishabh Nahar	
	59	Aditya Trivedi	



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

20	60	Anuj Urunkar	Store Sales Recommendation
	61	Jayesh Wadhe	
	62	Tanishka Wani	
21	63	Chirag Sankhe	Weather Prediction
	64	Pritesh ghanvat	
	65	Parth chavan	
22	66	Viraj Kale	Customers Spending Score Prediction
	67	Aditi Khambe	
	68	Ruchi Gharat	
	69	Nihal Madvi	
23	70	Vedant Lad	Netflix titles recommendation
	67	Aashlesha Rajput	
	68	Abhishek Hatui	
24	69	Raj Srivastav	Diet Recommendation
	70	Shobhit Kumar Singh	
	71	Vikram Shitole	



P. T. Lewis
HEAD
Dept. of Information Technology
VidyaVardhini's College of
Engineering and Technology.
Vasai Road 401202.

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

COURSE PROJECT LIST**Academic Year 2022-2023****Subject: IOE Lab****Class: BE/VII**

Group No.	Roll Nos	Name of Students	Project Title
1	3	Hardik Dangiya	Smart Pantry System
	6	Sampada Patil	
	7	Vaishnavi Rashivadekar	
2	18	Nidan Gavali	Battery Monitoring System
	9	Vaibhav Bhalala	
	20	Kaustubh Gharat	
3	15	Asim Churihar	Health Monitoring System
	2	Vinay Badgujar	
	1	Tejas Samrut	
4	4	Siddhant S Meher	Energy Consumption Monitoring System
	5	Mrunal M Parmar	
	8	Sanket V Wagh	
5	19	Aayushi ghag	Industry Protection System
	11	Prem Bhanushali	
	17	Ruchita Gaikwad	
6	13	Swajeet Chavan	Sound Pollution Monitoring System
	10	Harshwardhan Bhale	
	16	Vaibhav Deshmukh	
7	12	Divya Chaudhari	Smart Cradle System
	14	Mrunali Chougule	
8	35	Shreyas Manoti	Aerator Motor Starter Using IoT
	36	Dhruvil Mehta	
	37	Tushar Mittal	
9	25	Aaditi Kadam	Home Automation System
	32	Harshita Madane	
	39	Insha Mulla	
10	24	Jimit Joshi	Condition Monitoring System
	27	Bhargav Kashiya	
	33	Kajal Mahajan	
11	30	Aniket Korgaonkar	Restaurant Menu Ordering System
	40	Shashank Nadankar	
	26	Chetan Kamble	
12	29	Tejas Kolwankar	Weather Monitoring & Reporting System
	41	Shivam Pal	
	28	Aniket Khanjode	

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

13	22	Akshay Hegde	Library Management System Using RFID
	23	Yogesh Jain	
	31	Isha Kule	
14	34	Aesha Mahida	Smart Street Light System
	38	Mohit Varma	
15	56	Kushal Sankhe	GSM Based Fire Alert System
	48	Sahil Patil	
	58	Manthan Sarfare	
16	44	Aaradhya Parab	Gas Level Monitoring System
	43	Prince Pandey	
	54	Rayyan Ranje	
17	46	Mrunmayi Patankar	Smart Waste Management System
	53	Simran Rangari	
	55	Divya Sakre	
18	49	Sunny Patil	Food Spoilage Detection System
	50	Tanay Patil	
	45	Pankaj Parte	
19	59	Ajay Shah	Smart Attendance System Using Fingureprints
	60	Devansh Shah	
	61	Jainil shah	
20	51	Supriya Poojary	Smart Contactless Doorbell system
	47	Harshal Patil	
	52	Yash Ramteke	
21	42	Naman Pandey	IoT based Fire Alarm System
	57	Sanskruiti Sankhe	
	62	Aniket Shinde	
22	67	Sibin Varghese	Vehicle Tracking System
	68	Hardik Vartak	
	74	Ajay Kanase	
23	75	Khushi Kashyap	Iot Based Smart Agriculture System
	79	Yash Samant	
	80	Vedant Sankhe	
24	76	Sohan Khedekar	Air Pollution Monitoring System
	81	Sarvmbh Sawant	
	82	Viditi Vartak	
25	72	Govind Bhattad	Smart Parking System
	77	Amit Maregude	
	78	Isha Modak	
26	63	Omkar Sodaye	Smart Door Lock System
	66	Megha Ushinkar	
	73	Mahati Gholap	



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

27	69	Aayush Vishwakarma	Smart Water Meter
	70	Jay Wanjari	
	71	Nilesh Yadav	
28	64	Ganesh Thapa	Vehicle Accident Detection System
	65	Amit Topale	



F.T. Lewis
HEAD
Dept. of Information Technology
Vidyavardhini's College of
Engineering and Technology.
Vasai Road 401 202.

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

Course Project**Academic Year 2022-2023****Subject: Internet Programming****Class: TE/V**

Group No.	Roll No.	Name of Students	Project Title
1	1	Hrishikesh Avinash Adhau	Stop watch App
	2	/Devyani Mohan Bhakare	
	3	Aakash Ajay Bhandari	
2	4	/Poonam Mahesh Bhavsar	eBook Reader App (allowing users to download and read eBooks)
	5	Dipak Balu Borase	
	6	Tanuj Ravindra Bordikar	
3	7	/Riddhi Prafulbhai Chavda	BMI Calculator
	8	Rijul Chandraprakash Tiwari	
	9	Harsh Bhupesh Churi	
4	10	Anish Subhash Dalvi	Instagram Clone
	11	/Vaishnavi Vijay Deokar	
	12	/Shravani Nitin Gavali	
5	13	Vishal Devnath Gupta	Google Clone
	14	/Manaswi Jayant Jadhav	
	15	Omkar Dinkar Jadhav	
6	16	Abhishek Darshan Jani	Candy Crush Clone
	17	Zaid Bashir Khan	
	18	Jayesh Manohar Khandare	
7	19	/Sanskruti Rajkumar Kokare	EMI calculator App
	20	Saurabh Sandeep Jagtap	
	21	/Siddhi Rishikesh Kolwankar	
8	22	Shreyash Rajendra Kothi	Netflix Clone
	23	Pratyush Sandeep Lokhande	
	24	Neel Paul Lopes	
9	25	Mayank Sandeep Mahajan	Todo
	26	Suraj Sachin Mahto	
	27	Kedar Rajendra Malap	
10	28	Himadri Bholanath Manna	App for AVAHAN (App will display all sports venue, schedule, registration etc)
	29	Anish Prashant Mohite	
	30	Vinish Vikas Nagzarkar	

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

11	31	Pradip Rambachan Pal	Todo (The Todo app, as the name says, helps users to maintain a day-to-day list of tasks. The users can add new items to their list, pick a
	32	Prathamesh Rajendra Sawant	
	33	Shreeya Arun Panchal	
12	34	Rushikesh Ramesh Parab	Food ordering APP
	35	/Shreya Ajit Parchurkar	
	36	Tanmay Ashwin Arsanian	
13	37	/Akshata Sanjay Patil	Recipe App
	38	Gaurav Sanjay Phatkare	
	40	Sudesh Shamu Rajad	
14	41	Viraj Harishchandra Rane	World Time App
	42	Yash Bhavesh Raut	
	43	Sahil Pandurang Saliyan	
15	44	Sahaj Naresh Saliya	Calculator App
	45	Sakshi Ranjan Sankhe	
	46	Harsh Vijay Sawant	
16	47	Vatsal Harish Shah	lens cart like App
	48	Fawaz Abdul Sattar Shaikh	
	49	Nihal Kismat Shaikh	
17	50	Shlok Pravin Shetty	App for ZEAL which will show details of events venue, time, event head, registration etc.
	51	Bhagyesh Sanjay Shinkar	
	52	Vikram Anil Shitole	
18	53	Shobhit Kumar Prabhat Kumar	Tic Tac Toe Game
	54	Raj Ajay Srivastav	
	55	/Pallavi Chandrajit Thakur	
19	56	Rishabh Pushkarlal Nahar	Pokedex App (This application will contains a list of all 898 Pokémon along with their images, generation, base stats, and other information displayed in an attractive manner.
	57	Aditya Dharmesh Trivedi	
	58	Anuj Manoj Urunkar	
20	59	Jayesh Shashikant Wadhe	Alarm
	60	Tanishka Manoj Wani	
	61	Abhishek Kanaiyalal Yadav	
21	62	Aman Sarvesh Yadav	EMI calculator App
	63	Rakesh Ramchandra Zore	
	64	Gavli Shravani Vijay	
22	65	Dhamankar Ayush Mangesh	Furniture App
	66	/Borekar Tejaswini Sunil	
	67	/Rajput Aashlesha Ajay	



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

23	68	Hatui Abhishek Kanailal	Wallpaper App
	69	Sankhe Chirag Manoj	
	70	Ghanvat Pritesh Santosh	
24	71	/Khambe Aditi Manoj	Online Shopping App
	72	Parth Suhas Chavan	
	73	Kale Viraj Nandkumar	
25	74	Lad Vedant Surendra	Weather App
	75	/Ruchi Rajendra Gharat	
	76	Madvi Nihal Kesarinath	



P. T. Lewis
HEAD
Dept. of Information Technology
VidyaVardhini's College of
Engineering and Technology.
Vasai Road 401202.

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

COURSE PROJECT LIST**Academic Year 2022-2023****Subject: MAD & PWA****Class: TE/VI**

Grp. No.	Roll no.	Name of the students	Project Title
1	1	Hrishikesh Avinash Adhau	Stop watch App
	2	/Devyani Mohan Bhakare	
	3	Aakash Ajay Bhandari	
2	4	/Poonam Mahesh Bhavsar	eBook Reader App (allowing users to download and read eBooks)
	5	Dipak Balu Borase	
	6	Tanuj Ravindra Bordikar	
3	7	/Riddhi Prafulbhai Chavda	BMI Calculator
	8	Rijul Chandraprakash Tiwari	
	9	Harsh Bhupesh Churi	
4	10	Anish Subhash Dalvi	Instagram Clone
	11	/Vaishnavi Vijay Deokar	
	12	/Shravani Nitin Gavali	
5	13	Vishal Devnath Gupta	Google Clone
	14	/Manaswi Jayant Jadhav	
	15	Omkar Dinkar Jadhav	
6	16	Abhishek Darshan Jani	Candy Crush Clone
	17	Zaid Bashir Khan	
	18	Jayesh Manohar Khandare	
7	19	/Sanskruiti Rajkumar Kokare	EMI calculator App
	20	Saurabh Sandeep Jagtap	
	21	/Siddhi Rishikesh Kolwankar	
8	22	Shreyash Rajendra Kothi	Netflix Clone
	23	Pratyush Sandeep Lokhande	
	24	Neel Paul Lopes	
9	25	Mayank Sandeep Mahajan	Todo

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

	26	Suraj Sachin Mahto	
	27	Kedar Rajendra Malap	
10	28	Himadri Bholanath Manna	App for AVAHAN (App will display all sports venue, schedule, registration etc)
	29	Anish Prashant Mohite	
	30	Vinish Vikas Nagzarkar	
11	31	Pradip Rambachan Pal	Todo (Helps users to maintain a day-to-day list of tasks.)
	32	Prathamesh Rajendra Sawant	
	33	Shreeya Arun Panchal	
12	34	Rushikesh Ramesh Parab	Food ordering APP
	35	/Shreya Ajit Parchurkar	
	36	Tanmay Ashwin Arsanian	
13	37	/Akshata Sanjay Patil	Recipe App
	38	Gaurav Sanjay Phatkare	
	40	Sudesh Shamu Rajad	
14	41	Viraj Harishchandra Rane	World Time App
	42	Yash Bhavesh Raut	
	43	Sahil Pandurang Saliyan	
15	44	Sahaj Naresh Saliyan	Calculator App
	45	Sakshi Ranjan Sankhe	
	46	Harsh Vijay Sawant	
16	47	Vatsal Harish Shah	lens cart like App
	48	Fawaz Abdul Sattar Shaikh	
	49	Nihal Kismat Shaikh	
17	50	Shlok Pravin Shetty	App for ZEAL which will show details of events venue, time, event head, registration etc.
	51	Bhagyesh Sanjay Shinkar	
	52	Vikram Anil Shitole	
18	53	Shobhit Kumar Prabhat Kumar Singh	Tic Tac Toe Game
	54	Raj Ajay Srivastav	
	55	/Pallavi Chandrajit Thakur	
19	56	Rishabh Pushkarlal Nahar	Pokedex App (This application will contains a list of all Pokémon along with their images, generation)
	57	Aditya Dharmesh Trivedi	
	58	Anuj Manoj Urunkar	



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

20	59	Jayesh Shashikant Wadhe	Alarm App
	60	/Tanishka Manoj Wani	
	61	Abhishek Kanaiyalal Yadav	
21	62	Aman Sarvesh Yadav	EMI calculator App
	63	Rakesh Ramchandra Zore	
	64	Gavli Shravani Vijay	
22	65	Dhamankar Ayush Mangesh	Furniture App
	66	/Borekar Tejaswini Sunil	
	67	/Rajput Aashlesha Ajay	
23	68	Hatui Abhishek Kanailal	Wallpaper App
	69	Sankhe Chirag Manoj	
	70	Ghanvat Pritesh Santosh	
24	71	/Khambe Aditi Manoj	Online Shopping App
	72	Parth Suhas Chavan	
	73	Kale Viraj Nandkumar	
25	74	Lad Vedant Surendra	Weather App
	75	/Ruchi Rajendra Gharat	
	76	/Madvi Nihal Kesarinath	



P. T. Lewis
HEAD
Dept. of Information Technology
Vidyavardhini's College of
Engineering and Technology.
Vasai Road 401202.

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY**

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

COURSE PROJECT LIST

Academic Year 2022-2023

Subject: ROSPL

Class: BE/VII

Grp. No.	Roll no.	Name of the students	Project Title
1	1	Sahil Patil	Restapitutorial.Com (Added Dark Mode)
	2	Kushal Sankhe	
	3	Manthan Sarfare	
2	4	Ajay Shah	Addition Of Binary Path Sum Algorithm - The Algorithms
	5	Devansh Shah	
	6	Jainil Shah	
3	7	Naman Pandey	Portfolio Shop
	8	Aniket Shinde	
	9	Yash Ramteke	
4	10	Prince Pandey	Maximum Sum Of Contiguous Sub Array In Python
	11	Aradhya Parab	
	12	Rayyan Ranje	
5	13	Harshal Patil	Calculator Using Java Swing
	14	Supriya Poojary	
	15	Sanskruiti Sankhe	
6	16	Pankaj Parte	Fractional Knapsack Calculator Using Python
	17	Tanay Patil	
	18	Sunny Patil	
7	19	Vaibhav Bhalala	Speech To Text Convertor Using Python
	20	Kaustubh Gharat	
	21	Nidan Gavali	
8	22	Harshwardhan B	Ecommerce Website Developed In Python
	23	Swajeet Chavan	
	24	Vaibhav Deshmukh	
9	25	Jimit Joshi	Enhancement Of UI On Flower Boutique Website.
	26	Bhargav Kashiya	
	27	Kajal Mahajan	

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

10	28	Chetan Kamble	Business Card Using Latex
	29	Shashank Nadankar	
	30	Aniket Korgaonkar	
11	31	Aniket Khanjode	CRM For Business
	32	Shivam Pal	
	33	Tejas Kolwankar	
12	34	Insha Mulla	Portfolio Website Contribution
	35	Aaditi Kadam	
	36	Harshita Madane	
13	37	Aayush Vishwakarma	Hacktoberfest 2022
	38	Jay Wanjari	
	39	Nilesh Yadav	
14	40	Mahati Gholap	BMI Calculator Using Flutter
	41	Meghna Ushinkar	
15	42	Amit Tople	Bug Fixing In Cool UI Web Application
	43	Amit Maregude	
	44	Sohan Khedekar	
16	45	Khushi Kashyap	Stock Market Prediction
	46	Yash Samant	
	47	Vedant Sankhe	
17	48	Isha Modak	Laptop Price Predictor
	49	Viditi Vartak	
	50	Sarvmbh sawant 81	
18	51	Tejas Samrut	Web Based Asset Tracking System
	52	Asim Churihar	
	53	Vinay Badgular	
19	54	Sampada Patil	Movie Recommendation System
	55	Vaishnavi Rashivadeka	
	56	Hardik Dangiya	
20	57	Siddhant Meher	Food Ordering System
	58	Mrunal Parmar	
	59	Sanket Wagh	



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

21	60	Divya Chaudhari	Online Restaurant Cart Management System
	61	Mrunali Chougale	
22	62	Akshay Hegde	Atrilabs Engine
	63	Yogesh Jain	
	64	Isha Kule	
23	65	Dhruvil Mehta	Vehicle Number Plate Recognition And Parking System
	66	Shreyas Manoti Tushar Mittal	
	67	Divya Chaudhari Mrunali Chougale	
24	68	Aesha Mahida	URL Shortner
	69	Mohit Varma -	
25	70	Mrunmayi Patankar	Diamond Pattern Using Dart
	71	Simran R	
	72	Divya Sakre	
26	73	Govind Bhattad	Chatbot Using Mern Stack
	74	Omkar Sodaye	
	75	Ganesh Thapa	
26	76	Prem bhanushali	Online Food Ordering System
	77	Ruchita gaikwad	
	78	aayushi ghag	
27	79	sibin Varghese	Blog Application
	80	ajay kanse	
	81	Hardik Vartak	



P.T. Lewis
HEAD
Dept. of Information Technology
Vidyavardhini's College of
Engineering and Technology.
Vasai Road 401202.



INTERNSHIP DATA (A.Y 2022-23)

Sr. No	Name of the Student	Company Name	Duration		Industry Linkage
			Start Date	End Date	
1	Shreya Bari	Shree Ashoka Buildcon, Vasai	01-07-2022	25-07-2022	Site Supervisor
		Imperial Paramount, Vasai	12-12-2022	30-12-2022	Site Supervisor
2	Aditya Kute	Shree Ashoka Buildcon, Vasai	01-07-2022	25-07-2022	Site Supervisor
		Imperial Splendora, Vasai	12-12-2022	12-01-2023	Site Supervisor
3	Manas Raut	Shree Ashoka Buildcon, Vasai	01-07-2022	25-07-2022	Site Supervisor
		Imperial Splendora, Vasai	12-12-2022	12-01-2023	Site Supervisor
4	Prerna Kasar	Shree Ashoka Buildcon, Vasai	01-07-2022	25-07-2022	Site Supervisor
		Imperial Paramount, Vasai	01-06-2023	30-06-2023	Site Supervisor
5	Kimaya Salunkhe	Shree Ashoka Buildcon, Vasai	01-07-2022	25-07-2022	Site Supervisor
		Imperial Exotic, Vasai	01-06-2023	30-06-2023	Site Supervisor
6	Rashi Pawaskar	m.b.andulekar & associated (land surveyors & civil engineering, Palghar	09-12-2022	09-01-2023	Land Surveyor
		Kean Construction, Borivali	06-06-2023	06-07-2023	Site Supervisor
7	Jeevan Medge	Imperial Splendora, Vasai	12-12-2022	12-01-2023	Quantity Estimator
		Imperial Paramount, Vasai	01-06-2023	30-06-2023	Site Supervisor
8	Omkar Ghanekar	Imperial Splendora, Vasai	12-12-2022	12-01-2023	Site Supervisor
		Shree Mahasharman Realtors, Vasai	07-06-2023	07-07-2023	Site Supervisor
9	Lingraj Birajdar	Imperial Splendora, Vasai	12-12-2022	12-01-2023	Planning & Site Supervisor
		Kean Construction, Khar Road	06-06-2023	06-07-2023	Site Supervisor
10	Vaishnavi Patil	Imperial Paramount, Vasai	12-12-2022	30-12-2022	Site Supervisor
		Imperial Exotic, Vasai	01-06-2023	30-06-2023	Site Supervisor
11	Vishal Rathod	TFPC LLP, Vasai	16-12-2022	10-01-2023	Fire Fighting Services
		Imperial Splendora, Vasai	01-06-2023	30-06-2023	Site Supervisor



Vidyavardhini's College of Engineering & Technology

Department of Civil Engineering

12	Jeet Ghelani	TFPC LLP, Vasai	16-12-2022	10-01-2023	Fire Fighting Services
		Imperial Paramount, Vasai	01-06-2023	30-06-2023	Site Supervisor
13	Krutik Patil	Prisha Realtors, Palghar	05-12-2022	10-01-2023	Site Supervisor
14	Saish Sanke	Prisha Realtors, Palghar	05-12-2022	10-01-2023	Site Supervisor
15	Chetan Lande	Imperial Splendora, Vasai	12-12-2022	12-01-2023	Quantity Estimator
16	Gaurang Thakur	Imperial Splendora, Vasai	12-12-2022	12-01-2023	Site Supervisor
17	Hardik Patil	Imperial Splendora, Vasai	12-12-2022	12-01-2023	Planning & Site Supervisor
18	Yash Khangar	Imperial Splendora, Vasai	12-12-2022	12-01-2023	Planning & Site Supervisor
19	Ajit Mahale	Imperial Splendora, Vasai	12-12-2022	12-01-2023	Quantity Estimator
20	Saloni Pundpal	TFPC LLP, Vasai	12-12-2022	12-01-2023	Fire Fighting Services
21	Asmita Dethe	Imperial Paramount, Vasai	12-12-2022	30-12-2022	Site Supervisor
22	Mrunal Dhotre	Gupta Developers, Vasai	12-12-2022	12-01-2023	Site Supervisor
23	Rohan Belure	Gupta Developers, Vasai	12-12-2022	12-01-2023	Site Supervisor
24	Mihir Patil	Gupta Developers, Vasai, Vasai	12-12-2022	12-01-2023	Site Supervisor
25	Sushma Gaikwad	Gupta Developers, Vasai	12-12-2022	12-01-2023	Site Supervisor
26	Anuja Gaikwad	Gupta Developers, Vasai	12-12-2022	12-01-2023	Site Supervisor
27	Sahil Rathod	TFPC LLP, Vasai	16-12-2022	10-01-2023	Fire Fighting Services
28	Prashant Kamble	TFPC LLP, Vasai	16-12-2022	10-01-2023	Fire Fighting Services
29	Dave Sneh	Gupta Developers, Vasai	16-12-2022	10-01-2023	Site Supervisor
30	Aniruddha Rane	Konaark Enterprises, Vile Parle	20-05-2023	05-07-2023	Trainee Engineer
31	Satyam Chavan	KKG Group, Bhayandar	27-05-2023	25-06-2023	Site Supervisor
32	Harsh Sharma	Imperial Paramount, Vasai	01-06-2023	30-06-2023	Site Supervisor
33	Prasad Bate	Imperial Paramount, Vasai	01-06-2023	30-06-2023	Site Supervisor
34	Deeksha Shetty	Imperial Exotic, Vasai	01-06-2023	30-06-2023	Site Supervisor
35	Prajakta Borse	Imperial Exotic, Vasai	01-06-2023	30-06-2023	Site Supervisor
36	Tanushka Gavit	Imperial Exotic, Vasai	01-06-2023	30-06-2023	Site Supervisor
37	Shabnam Kumari	Imperial Exotic, Vasai	01-06-2023	30-06-2023	Site Supervisor



Vidyavardhini's College of Engineering & Technology

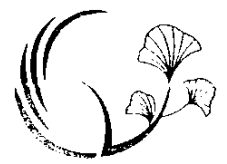
Department of Civil Engineering

38	Pranav Patil	PENS Builders & Developers LLP, Bhiwandi	01-06-2023	25-06-2023	Site Supervisor & Execution
39	Sakshi Katke	Imperial Exotic, Vasai	01-06-2023	30-06-2023	Site Supervisor
40	Apurva Jagtap	Amiand Consultant, Andheri	01-06-2023	30-06-2023	Planning & Designing
41	Krutish Arekar	Gailai Enterprises, Saphale	01-06-2023	30-06-2023	Site Supervisor
42	Tejas Shevale	Gailai Enterprises, Saphale	01-06-2023	30-06-2023	Site Supervisor
43	Sakshi Shelar	Gulab Con Civil Pvt Ltd, Khar Road	05-06-2023	05-07-2023	Site Supervisor
44	Bhushan Malvi	Chandresh Vaibhav, Nalasopara	07-06-2023	07-07-2023	Site Supervisor
45	Adarsh Avhad	Shree Mahasharman Realtors, Vasai	07-06-2023	07-07-2023	Site Supervisor
46	Pratham Solanki	GKS Enginnering Contract, Bhayandar	07-06-2023	09-07-2023	Site Supervisor

A. S. Radke

HEAD
DEPT. OF CIVIL ENGG.
Vidyavardhini's College of
Engineering & Technology
Vasai Road (W)- 401202.





Date: 01 Aug 2022

CERTIFICATE OF INTERNSHIP

This is to certify that **Ms. Bari Shreya Jagdish**, pursuing her **T.E (Civil-3rd Year)** of **Vidyavardhini's College of Engineering and Technology, Vasai(W), Palghar** has successfully completed internship at **Shubham Heritage, Vasai(W)** from **01/07/2022 to 25/07/2022**.

Her internship activities include Surveying , Building plan preparation and site supervision. During the process of internship program, she was found punctual and hard working. We wish him success in his life.

For SHREE ASHOKA BUILDCON

PARTNER

Office : S-32, Gopal Building, Ambadi Road, Vasai Road West, Dist. Palghar 401202. ☎ 90963 16156

Address : Chandresh Vaibhav CHSL, Behind Jaya Palace Bar & Restaurant, Achole Road, Alkapuri, Nallasepara East, Dist. Palghar 401209



IMPERIAL

*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

SHREYA BARI

IN APPRECIATION FOR YOUR WORK AS AN INTERN

ASSIGNED AT SITE - **IMPERIAL PARAMOUNT**

DEPARTMENT - SITE SUPERVISION

FROM 12/12/22 TO 30/12/22

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR



Date: 01 Aug 2022

CERTIFICATE OF INTERNSHIP

This is to certify that **Mr. Kute Aditya Uttam**, pursuing his **T.E (Civil-3rd Year)** of **Vidyavardhini's College of Engineering and Technology, Vasai(W), Palghar** has successfully completed internship at **Shubham Heritage, Vasai(W)** from **01/07/2022** to **25/07/2022**.

His internship activities include Surveying , Building plan preparation and site supervision. During the process of internship program, he was found punctual and hard working. We wish him success in his life.

For SHREE ASHOKA BUILDCON

PARTNER

Office : S-32, Gopal Building, Ambadi Road, Vasai Road West, Dist. Palghar 401202. ☎ 90963 16156

Site : Chandresh Vaibhav CHSL, Behind Jaya Palace Bar & Restaurant, Achole Road, Alkapuri, Nallasopara East, Dist. Palghar 401209



IMPERIAL
LIFESTYLE

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

Aditya Uttam Kute

IN APPRECIATION FOR YOUR WORK AS AN INTERN
DEPARTMENT - SITE SUPERVISION & EXECUTION
ASSIGNED AT SITE - IMPERIAL SPLENDORA
FROM 12/12/22 TO 12/01/23

THANKING YOU


MR. RAMESH MUKUND

DIRECTOR



22

CERTIFICATE OF INTERNSHIP

This is to certify that **Mr. Raut Manas Pradip**, pursuing **B.E (Civil-3rd Year)** of **Vidyavardhini's College of Engineering and Technology, Vasai (W), Palghar** has successfully completed internship at **Shubhar Heritage, Vasai(W)** from **01/07/2022 to 25/07/2022**.

His internship activities include Surveying , Building plan preparation and site supervision. During the process of internship program, he was found punctual and hard working. We wish him success in his life.

For SHREE ASHOKA BUILDCON

PARTNER

Office : S-32, Gopal Building, Ambadi Road Vasai Road West, Dist. Palghar 401202. ☎ 90963 16156

Site : Chandresh Vaibhav CHSL, Behind Jaya Palace Bar & Restaurant, Achole Road, Alkapuri, Nallasopara East, Dist. Palghar 401209



IMPERIAL
*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

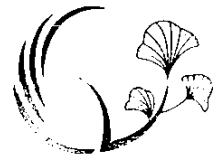
Manas Pradip Raut

IN APPRECIATION FOR YOUR WORK AS AN INTERN
DEPARTMENT - SITE SUPERVISION & EXECUTION
ASSIGNED AT SITE - IMPERIAL SPLENDORA
FROM 12/12/22 TO 12/01/23

THANKING YOU


MR. RAMESH MUKUND

DIRECTOR



Date: 01 Aug 2022

CERTIFICATE OF INTERNSHIP

This is to certify that **Ms. Kasar Prerna Rajendra**, pursuing her **T.E (Civil-3rd Year)** of **Vidyavardhini's College of Engineering and Technology, Vasai(W), Palghar** has successfully completed internship at **Shubham Heritage, Vasai(W)** from **01/07/2022** to **25/07/2022**.

Her internship activities include Surveying , Building plan preparation and site supervision. During the process of internship program, she was found punctual and hard working. We wish him success in his life.

For SHREE ASHOKA BUILDCON

PARTNER

Office : S-32, Gopal Building, Ambadi Road, Vasai Road West, Dist. Palghar 401202. ☎ 90963 16156

Site : Chandresh Vaibhav CHSL, Behind Jaya Palace Bar & Restaurant, Achole Road, Alkapuri, Nallasopara East, Dist. Palghar 401209



IMPERIAL

*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

PRERNA KASAR

IN APPRECIATION FOR YOUR WORK AS AN INTERN

ASSIGNED AT SITE - **IMPERIAL PARAMOUNT**

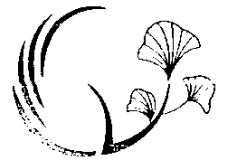
DEPARTMENT - SITE SUPERVISION

FROM 01/06/23 TO 30/06/23

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR



Date: 01 Aug 2022

CERTIFICATE OF INTERNSHIP

This is to certify that **Mr. Salunkhe Kimaya Satish**, pursuing her T.E (Civil-3rd Year) of **Vidyavardhini's College of Engineering and Technology, Vasai(W), Palghar** has successfully completed internship at **Shubham Heritage, Vasai(W)** from 01/07/2022 to 25/07/2022.

Her internship activities include Surveying , Building plan preparation and site supervision. During the process of internship program, she was found punctual and hard working. We wish him success in his life.

For SHREE ASHOKA BUILDCON

PARTNER

Office : S-32, Gopal Building, Ambadi Road, Vasai Road West, Dist. Palghar 401202. ☎ 90963 16156

Site : Chandresh Vaibhav CHSL, Behind Jaya Palace Bar & Restaurant, Achole Road, Alkapuri, Nallasopara East, Dist. Palghar 401209



IMPERIAL

*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

KIMAYA SALUNKHE

IN APPRECIATION FOR YOUR WORK AS AN INTERN

ASSIGNED AT SITE - **IMPERIAL EXOTICA**

DEPARTMENT - SITE SUPERVISION

FROM 01/06/23 TO 30/06/23

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR

(Land Surveyors & Civil Engineers)

Off. : 2617 7805
Fax : 2610 0937
Resi. : 2683 2500
Email : mb.andurlekar@rediffmail.com



602 'A' Wing, Bldg. No.1,
Om Sai Ganga Co-op. Hsg. Soc. Ltd
Jeevan Vikas Kendra Marg,
Vile Parle (E), Mumbai - 400 057

TO WHOM IT MAY CONCERN

This is to certify that Ms. Rashi Dinesh Pawaskar has completed Industrial training in Land Surveying from 9 December 2022 To 9 January 2023.

In this period, she has shown full sincerity, dedication and hard work towards her concerned training. Her conduct and behaviour was satisfactory during the period of training.

I wish her good luck and great future ahead.

For m.b. andurlekar & associates
m.b. andurlekar & associates

M. Andurlekar

Proprietor

Mahadev B Andurlekar

Land Surveyor

Date:

TO WHOM IT MAY CONCERN

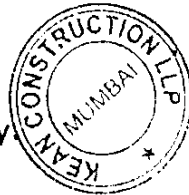
This is to certify that **Ms. Rashi Dinesh Pawaskar**, student of **Vidyavardhini's Collage of Engineering and Technology**. Having ID no. - **S210906201** of Civil Branch, has completed her internship of **VIth Semester** from **06th June 2023** to **06th July 2024 (04 weeks)** under our guidance.

We have found her to be self-starter, who is motivated, duty bound and handworking. She performs excellent with well behavior and she was punctual at time to report before us day to day. She worked sincerely on her assignment and her performance was par excellence.

We wish her best of luck for her future.

P. Pawaskar
For **KEAN CONSTRUCTION LLP.**

[Signature]
Authorized Signatory





IMPERIAL
*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

Jeevan Ramchandra Medge

IN APPRECIATION FOR YOUR WORK AS AN INTERN
DEPARTMENT - QUANTITY ESTIMATION & BILLING
ASSIGNED AT SITE - IMPERIAL SPLENDORA
FROM 12/12/22 TO 12/01/23

THANKING YOU


MR. RAMESH MUKUND
DIRECTOR



IMPERIAL
*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

JEEVAN MEDGE

IN APPRECIATION FOR YOUR WORK AS AN INTERN
ASSIGNED AT SITE - **IMPERIAL PARAMOUNT**
DEPARTMENT - SITE SUPERVISION
FROM 01/06/23 TO 30/06/23

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR



IMPERIAL
LIFESTYLE

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

Omkar Ramesh Ghanekar

IN APPRECIATION FOR YOUR WORK AS AN INTERN
DEPARTMENT - SITE SUPERVISION & EXECUTION
ASSIGNED AT SITE - IMPERIAL SPLENDORA
FROM 12/12/22 TO 12/01/23

THANKING YOU


MR. RAMESH MUKUND

DIRECTOR



Date: 10 July 2023

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. **GHANEKAR OMKAR RAMESH VRUSHALI (ID NO- 202626105)**, pursuing his **B.E (Civil-4th Year)** of **Vidyavardhini's College of Engineering and Technology, Vasai(W), Palghar** has successfully completed internship at **Shree Mahashraman Realtors, Chitra Bhavan, Ambadi Road, Vasai(W)** from **07/06/2023** to **07/07/2023**.

During the period of his internship program with us, he had been exposed to different processes and was found diligent, hardworking and inquisitive.

We wish him every success in his life and career.

Maharshi



IMPERIAL
LIFESTYLE

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

Lingraj Hawgirao Birajdar

IN APPRECIATION FOR YOUR WORK AS AN INTERN
DEPARTMENT - PLANNING & SITE SUPERVISION
ASSIGNED AT SITE - IMPERIAL SPLENDORA
FROM 12/12/22 TO 12/01/23

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR



KEAN
CONSTRUCTION

Tomorrow Built Today

TO WHOM IT MAY CONCERN

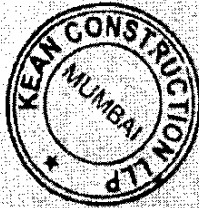
This is to certify that **Mr. Lingraj Hawgirao Birajdar**, student of **Vidyavardhini's Collage of Engineering and Technology**. Having ID no. - **S210826112** of Civil Branch, have completed his internship of **VIth Semester** from **06th June 2023 to 06th July 2023 (04 weeks)** under our guidance.

We have found him to be self-starter, who is motivated, duty bound and hardworking. He performs excellent with well behavior and he was punctual at time to report before us day to day. He worked sincerely on his assignment and his performance was par excellence.

We wish him best of luck for his future.


For **KEAN CONSTRUCTION LLP.**


Authorized Signatory.





IMPERIAL
*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

VAISHNAVI PATIL

IN APPRECIATION FOR YOUR WORK AS AN INTERN
ASSIGNED AT SITE - **IMPERIAL PARAMOUNT**
DEPARTMENT - SITE SUPERVISION
FROM 12/12/22 TO 30/12/22

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR



IMPERIAL

*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

VAISHNAVI PATIL

IN APPRECIATION FOR YOUR WORK AS AN INTERN

ASSIGNED AT SITE - **IMPERIAL EXOTICA**

DEPARTMENT - SITE SUPERVISION

FROM 01/06/23 TO 30/06/23

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR



TFPC
Infra LLP.

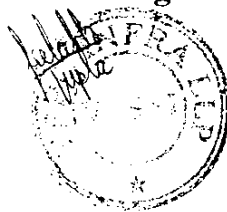
Date: 21 Jan 2023

CERTIFICATE OF INTERNSHIP

This is to certify that **Mr. Rathod Vishal Asaram**, pursuing his T.E (Civil-3rd Year) of **Vidyavardhini's College of Engineering and Technology, Virar(E), Palghar** has successfully completed internship at **I-Global School, Vasai (E)** from 16/12/2022 to 10/01/2023.

Mr.Rathod Vishal Asaram completed training on various jobs on Fire Fighting related services i.e. supervision, installation, and placement of various firefighting services equipment's along with the study of NBC codes successfully. His attendance and performance during training was found excellent.

For Authorized Signatory



B-601, North Lanes, Opp. Vartak College,
Vasai West.

thefireprotectionco@gmail.com

tfpcindia.com

9049085950



IMPERIAL
*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

VISHAL RATHOD

IN APPRECIATION FOR YOUR WORK AS AN INTERN
ASSIGNED AT SITE - **IMPERIAL PARAMOUNT**
DEPARTMENT - SITE SUPERVISION
FROM 01/06/23 TO 30/06/23

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR



TFPC
Infra LLP.



Date: 21 Jan 2023

CERTIFICATE OF INTERNSHIP

This is to certify that **Mr. Ghelani Jeet Vipul**, pursuing his **T.E (Civil-3rd Year)** of **Vidyavardhini's College of Engineering and Technology, Virar(E), Palghar** has successfully completed internship at **I-Global School, Vasai (E)** from **16/12/2022** to **10/01/2023**.

Mr. Ghelani Jeet Vipul completed training on various jobs on Fire Fighting related services i.e. supervision, installation, and placement of various firefighting services equipment's along with the study of NBC codes successfully. His attendance and performance during training was found excellent.

For Authorized Signatory



B-601, North Lanes, Opp. Vartak College,
Vasai West.

thefireprotectionco@gmail.com

tfpcindia.com

049095950



IMPERIAL

*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

JEET GEHLANI

IN APPRECIATION FOR YOUR WORK AS AN INTERN

ASSIGNED AT SITE - **IMPERIAL PARAMOUNT**

DEPARTMENT - SITE SUPERVISION

FROM 01/06/23 TO 30/06/23

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR

Prisha Realtors

Ground Floor, Shop No.1, Uma Nilkanth Bldg, Mahim Road, Palghar.

GSTIN NO : 27ABUPL3143Q2ZU

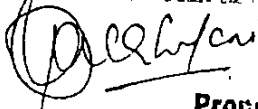
Date : 12-01-2023

To Whom It May Concern

This is to certify that Krutik Sandhesh Patil has successfully completed his internship program of one month with Prisha Realtors. His internship Tenure was from 5th December 2022 to 10th January 2023. He was learning in Vidyavardhini College of Engineering and Technology and was actively & diligently involved in the projects and tasks assigned to him. During the span, we found him punctual and hardworking. His learning powers are good and he picks up swiftly. His feedback and evaluation proved that he learned keenly. Moreover, his interpersonal and communication skills are brilliant.

We wish him a bright future.

For Prisha Realtors
For PRISHA REAL



Proprietor

Dilip Lakhyani

(Proprietor)

Prisha Realtors

Ground Floor, Shop No.1, Uma Nilkanth Bldg, Mahim Road, Palghar.

GSTIN NO : 27ABUPL3143Q2ZU

Date : 12-01-2023

To Whom It May Concern

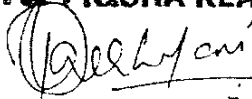
This is to certify that Saish manoj Sankhe has successfully completed his internship program of one month with Prisha Realtors. His internship Tenure was from 5th December 2022 to 10th January 2023. He was learning in Vidyavardhini College of Engineering and Technology and was actively & diligently involved in the projects and tasks assigned to him.

During the span, we found him punctual and hardworking. His learning powers are good and he picks up swiftly. His feedback and evaluation proved that he learned keenly. Moreover, his interpersonal and communication skills are brilliant.

We wish him a bright future.

For Prisha Realtors

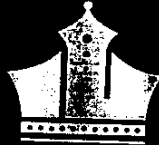
For PRISHA REALTORS



Proprietor

Dilip Lakhyani

(Proprietor)



IMPERIAL
LIFESTYLE

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

Chetan Ramdas Lande

IN APPRECIATION FOR YOUR WORK AS AN INTERN
DEPARTMENT - QUANTITY ESTIMATION & BILLING
ASSIGNED AT SITE - IMPERIAL SPLENDORA
FROM 12/12/22 TO 12/01/23

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR



IMPERIAL

*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

Gaurang Umesh Thakur

IN APPRECIATION FOR YOUR WORK AS AN INTERN
DEPARTMENT - SITE SUPERVISION & EXECUTION
ASSIGNED AT SITE - IMPERIAL SPLENDORA
FROM 12/12/22 TO 12/01/23

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR



IMPERIAL
*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

Hardik Sudhakar Patil

IN APPRECIATION FOR YOUR WORK AS AN INTERN
DEPARTMENT - PLANNING & SITE SUPERVISION
ASSIGNED AT SITE - IMPERIAL SPLENDORA
FROM 12/12/22 TO 12/01/23

THANKING YOU

MR. RAMESH MUKUND
DIRECTOR



IMPERIAL
*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

Yash Subhash Khangar

IN APPRECIATION FOR YOUR WORK AS AN INTERN
DEPARTMENT - PLANNING & SITE SUPERVISION
ASSIGNED AT SITE - IMPERIAL SPLENDORA
FROM 12/12/22 TO 12/01/23

THANKING YOU


MR. RAMESH MUKUND

DIRECTOR



IMPERIAL
LIFESTYLE

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

Ajit Jagannath Mahale

IN APPRECIATION FOR YOUR WORK AS AN INTERN
DEPARTMENT - QUANTITY ESTIMATION & BILLING
ASSIGNED AT SITE - IMPERIAL SPLENDORA
FROM 12/12/22 TO 12/01/23

THANKING YOU


MR. RAMESH MUKUND

DIRECTOR



TFPC
Infra LLP.

Date: 21 Jan 2023

CERTIFICATE OF INTERNSHIP

This is to certify that **Ms. Pundpal Saloni Shivaji**, pursuing her T.E (Civil-3rd Year) of **Vidyavardhini's College of Engineering and Technology, Virar(E), Palghar** has successfully completed internship at **I-Global School, Vasai (E)** from 12/12/2022 to 12/01/2023.

Ms.Pundpal Saloni Shivaji completed her training on various jobs on Fire Fighting related services i.e. supervision, installation, and placement of various firefighting services equipment's along with the study of NBC codes successfully. Her attendance and performance during training was found excellent.

For Authorized Signatory



B-601, North Lanes, Opp. Vartak College,
Vasai West.

thefireprotectionco@gmail.com

tfpcindia.com

904 85950



IMPERIAL

*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

ASMITA DETHE

IN APPRECIATION FOR YOUR WORK AS AN INTERN

ASSIGNED AT SITE - **IMPERIAL PARAMOUNT**

DEPARTMENT - SITE SUPERVISION

FROM 12/12/22 TO 30/12/22

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR

Date: 21 Jan 2023

CERTIFICATE OF INTERNSHIP

This is to certify that **Mr. Dhotre Mrunal Dilip**, pursuing his T.E (Civil-3rd Year) of Vidyavardhini's College of Engineering and Technology, Virar(E), Palghar has successfully completed internship at Mahavir Industrial Estate, Virar (E) from 12/12/2022 to 12/01/2023.

Mr.Dhotre Mrunal Dilip completed his training on various jobs on Civil construction i.e. Building works, Reinforcement works and Formwork of slabs, Concreting works and different civil construction machinery successfully. His attendance and performance during training was found excellent.

For Authorized Signatory



Date: 21 Jan 2023

CERTIFICATE OF INTERNSHIP

This is to certify that **Mr. Belure Rohan Kamraj**, pursuing his T.E (Civil-3rd Year) of Vidyavardhini's College of Engineering and Technology, Virar(E), Palghar has successfully completed internship Mahavir Industrial Estate, Virar (E) from 12/12/2022 to 12/01/2023.

Mr. Belure Rohan Kamraj completed his training on various jobs on Civil construction i.e. Building works, Reinforcement works and Formwork of slabs, Concreting works and different civil construction machinery successfully. His attendance and performance during training was found excellent.

For Authorized Signatory



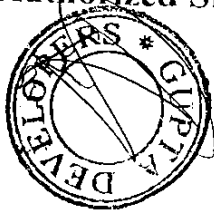
Date: 21 Jan 2023

CERTIFICATE OF INTERNSHIP

This is to certify that **Mr. Patil Mihir Milan**, pursuing his **T.E (Civil-3rd Year)** of **Vidyavardhini's College of Engineering and Technology, Virar(E), Palghar** has successfully completed internship at **Mahavir Industrial Estate, Virar (E)** from **12/12/2022** to **12/01/2023**.

Ms.Patil Mihir Milan completed his training on various jobs on Civil construction i.e. Building works, Reinforcement works and Formwork of slabs, Concreting works and different civil construction machinery successfully. His attendance and performance during training was found excellent.

For Authorized Signatory





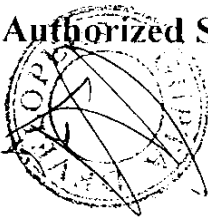
Date: 21 Jan 2023

CERTIFICATE OF INTERNSHIP

This is to certify that **Ms. Gaikwad Sushma Mahu**, pursuing her T.E (Civil-3rd Year) of Vidyavardhini's College of Engineering and Technology, Virar(E), Palghar has successfully completed internship at Mahavir Industrial Estate, Virar (E) from 12/12/2022 to 12/01/2023.

Ms.Gaikwad Sushma Mahu completed her training on various jobs on Civil construction i.e. Building works, Reinforcement works and Formwork of slabs, Concreting works and different civil construction machinery successfully. Her attendance and performance during training was found excellent.

For Authorized Signatory



Date: 21 Jan 2023

CERTIFICATE OF INTERNSHIP

This is to certify that **Ms. Gaikwad Anuja Mahu**, pursuing her T.E (C - 3rd Year) of Vidyavardhini's College of Engineering and Technology, Virar(E), Palghar has successfully completed internship at Mahavir Industrial Estate, Virar (E) from 12/12/2022 to 12/01/2023.

Ms.Gaikwad Anuja Mahu completed her training on various jobs on Civil construction i.e. Building works, Reinforcement works and Formwork of slabs, Concreting works and different civil construction machinery successfully. Her attendance and performance during training was found excellent.

For Authorized Signatory





TFPC
Infra LLP.



Date: 21 Jan 2023

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Rathod
(3rd Year) of
Virar(E), Palgl.
School, Vasai (E) from 16/12/2022 to

completed pursuant to his
Engineering
completed internship at at I-C

Mr.Rathod Sahil Jaychand completed training on various jobs on Fire Fighting related services i.e. supervision, installation, and placement of various firefighting services equipment's along with the study of NBC codes successfully. His attendance and performance during training was found excellent.

For Authorized Signatory



B-601, North Lanes, Opp. Vartak College,
Vasai West.

thefireprotectionco@gmail.com

tfpcindia.com

9049095950



TFPC
Infra LLP.

Date: 21 Jan 2023

CERTIFICATE OF INTERNSHIP

This is to certify that **Mr. Kamble Prashant Pandurang**, pursuing his **T.E (Civil-3rd Year)** of **Vidyavardhini's College of Engineering and Technology, Virar(E), Palghar** has successfully completed internship at **I-Global School, Vasai (E)**, from 16/12/2022 to 10/01/2023.

Mr. Kamble Prashant Pandurang completed training on various jobs on Fire Fighting related services i.e. supervision, installation, and placement of various firefighting services equipment's along with the study of NBC codes successfully. His attendance and performance during training was found excellent.

For Authorized Signatory



B-601, North Lanes, Opp. Vartak College,
Vasai West.

thefireprotectionco@gmail.com

tfpcindia.com

9049095950

28



Date: 21 Jan 2023

CERTIFICATE OF INTERNSHIP

This is to certify that **Mr. Dave Sneh Keshav**, pursuing his **T.E (Civil-3rd Year)** of **Vidyavardhini's College of Engineering and Technology, Virar(E), Palghar** has successfully completed internship at **Mahavir Industrial Estate, Virar (E)** from 16/12/2022 to 10/01/2023.

Mr.Dave Sneh Keshav completed training on various jobs on Civil construction i.e. Building works, Reinforcement works and Formwork of slabs, Concreting works and different civil construction machinery successfully. His attendance and performance during training was found excellent.

For Authorized Signatory



Date: - 12.07.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Aniruddha Rane worked as a Trainee Engineer from 20 May 2023 To 09.07.2023

During this period Mr. Aniruddha Rane was engaged on site for Redvelopment of Residential Building **ROYALE Mangal** as a trainee Engineer.

We found Mr. Aniruddha Rane Hardworking, Keen and Intelligent and took great interest in the work.

We wish him great luck.

For Konaark Enterprise



Authorized Signatory

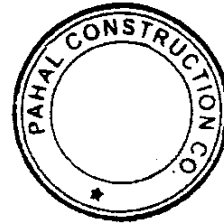
26th June 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Satyam Ashok Chavan**, student of B.E, IInd year, Civil Engineering from **Vidyavardhini's College of Engineering and Technology, Vasai**, has successfully completed his field training from 27th May, 2023 to 25th June, 2023.

During his internship period we have found him punctual, hardworking and inquisitive.

for PAHAL CONSTRUCTION COMPANY




(PARTNER)



IMPERIAL

*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

HARSH SHARMA

IN APPRECIATION FOR YOUR WORK AS AN INTERN

ASSIGNED AT SITE - **IMPERIAL PARAMOUNT**

DEPARTMENT - SITE SUPERVISION

FROM 01/06/23 TO 30/06/23

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR



IMPERIAL

*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

PRASAD BATE

IN APPRECIATION FOR YOUR WORK AS AN INTERN

ASSIGNED AT SITE - **IMPERIAL PARAMOUNT**

DEPARTMENT - SITE SUPERVISION

FROM 01/06/23 TO 30/06/23

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR



IMPERIAL

*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

DEEKSHA SHETTY

IN APPRECIATION FOR YOUR WORK AS AN INTERN

ASSIGNED AT SITE - **IMPERIAL EXOTICA**

DEPARTMENT - SITE SUPERVISION

FROM 01/06/23 TO 30/06/23

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR



IMPERIAL

*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

PRAJAKTA BORSE

IN APPRECIATION FOR YOUR WORK AS AN INTERN

ASSIGNED AT SITE - **IMPERIAL EXOTICA**

DEPARTMENT - SITE SUPERVISION

FROM 01/06/23 TO 30/06/23

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR



IMPERIAL

*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

TANUSHKA GAVIT

IN APPRECIATION FOR YOUR WORK AS AN INTERN

ASSIGNED AT SITE - **IMPERIAL EXOTICA**

DEPARTMENT - SITE SUPERVISION

FROM 01/06/23 TO 30/06/23

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR



IMPERIAL

*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

SHABNAM KUMARI

IN APPRECIATION FOR YOUR WORK AS AN INTERN

ASSIGNED AT SITE - **IMPERIAL EXOTICA**

DEPARTMENT - SITE SUPERVISION

FROM 01/06/23 TO 30/06/23

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR

PEN Builders & Developers LLP

282/16, 2nd Floor, Sainath Complex, Dhamankar Naka, Bhiwandi – 421302
Site Address: Royal Park, S. No. 158/6, Opp. Arihant City, Temghar, Bhiwandi -
421302

Internship Certificate


This Certificate is presented to

Pranav Rajendra Patil

In appreciation for your work as an intern
Department – Site Supervision & Execution

Assigned at Site – ROYAL PARK

From 01/06/23 to 25/06/23



Eshan Agrawal

Designated Partner



IMPERIAL
*** LIFESTYLE ***

Where your family is our family!

INTERNSHIP CERTIFICATE



THIS CERTIFICATE IS PROUDLY PRESENTED TO

SAKSHI KATKE

IN APPRECIATION FOR YOUR WORK AS AN INTERN
ASSIGNED AT SITE - **IMPERIAL EXOTICA**
DEPARTMENT - SITE SUPERVISION
FROM 01/06/23 TO 30/06/23

THANKING YOU

MR. RAMESH MUKUND

DIRECTOR



CERTIFICATE OF APPRECIATION

This certificate is awarded to

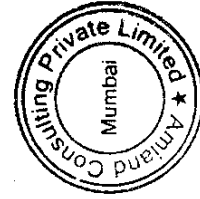
Apurva Jagtap


For her completion of the Internship Program at
Amiand Consulting Pvt Ltd for the role of an Intern

She is found to be hardworking, sincere and diligent. We extend our heartfelt
wishes for her continued success in her future endeavors



HR





13 July 2023

Stamp & Date Signed



GAILAI ENTERPRISES

CONSTRUCTION, DEVELOPERS, EARTHMOVERS & GARDENING

H.N. 106, Navaze,
Saphale - Varai Road, Navaze,
Post - Dahisar,
Tal. & Dist. Palghar-401403

MOB:9823561519/9673399785

GST NO: 27BIHPP6415L

Date:14/07/2023

TO WHOM IT MAY CONCERN

This is to certify that Mr Krutesh Amar Arekar Engineering student from Vidya Vardhini college of engineering Vasai(w), have successfully completed industrial training from 1 june 2023 to 30 june 2023 under the guidance at Mr. Yogesh Patil trainee engineer.

All the student have completed their training with sincerity & we wish to all for their bright future.

Regards,

Mr Yogesh Patil,

Signature with company's seal

Date: 14/07/2023

Place: Palghar.



GAILAI ENTERPRISES

CONSTRUCTION, DEVELOPERS, EARTHMOVERS & GARDENING

H.N. 106, Navaze,
Saphale - Varai Road, Navaze,
Post - Dahisar,
Tal. & Dist. Palghar-401403

MOB:9823561519/9673399785

GST NO: 27BIHPP6415L

Date:14/07/2023

TO WHOM IT MAY CONCERN

This is to certify that Mr Tejas Tanaji Shevale Engineering student from Vidya Vardhini college of engineering Vasai(w), have successfully completed industrial training from 1 june 2023 to 30 june 2023 under the guidance at Mr. Yogesh Patil trainee engineer.

All the student have completed their training with sincerity & we wish to all for their bright future.

Regards,

Mr Yogesh Patil,

Signature with company's seal

Date: 14/07/2023

Place: Palghar.

GULAB CIVIL CON PVT.LTD.

BUILDING REHABILITATION & RESTORATION CONTRACTORS

Reg.Office: D-263, 2nd floor, Oshwara Industrial C S.LTD, New link road, Goregaon (West)Mumbai - 400 104.
Phone: 9820440519/ 9870517007 / Email: : shelarakaliny95a@gmail.com / gulabkamaak@gmail.com

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Miss. Sakshi Anant Shelar worked as trainee engineer from 05th June 2023 to 05th July 2023.

During the period Miss. Sakshi Anant Shelar, was engaged on site for repairs of residential building as trainee engineer.

We found Miss. Sakshi Anant Shelar, hardworking, intelligent and honest in the work.

We wish her great luck.

For GULAB CIVIL CON PVT LTD.


Director



12th July 2023



Date: 10 July 2023

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. MALVI BHUSHAN MANJUNATH MANISHA (ID NO- S210866105), pursuing his B.E (Civil-4th Year) of Vidyavardhini's College of Engineering and Technology, Vasai(W), Palghar has successfully completed internship at Chandresh Vaibhav, Achole Road, Alkapuri, Nallasopara(E) from 07/06/2023 to 07/07/2023.

During the period of his internship program with us, he had been exposed to different processes and was found diligent, hardworking and inquisitive.

We wish him every success in his life and career.

For SHREE ASHOKA BUILDCON

Office : S-32, Gopal Building, Ambadi Road, Vasai Road West, Dist. Palghar 401202. ☎ 90963 16156

Site : Chandresh Vaibhav CHSL, Behind Jaya Palace Bar & Restaurant, Achole Road, Alkapuri, Nallasopara East, Dist. Palghar 401209



Date: 20/07/2023

CERTIFICATE OF INTERNSHIP

This is to certify that **Mr. Adarsh Avhad**, a student of Vidyavardhini's College of Engineering & Technology, Vasai (W), Palghar has successfully completed **internship** at **Shree Mahashraman Realtors**, Chitra Bhavan, Ambadi Road, Vasai (W) from 07-06-2023 to 07-07-2023.

During this period, he was highly motivated and hardworking. He worked sincerely at his tasks and did a very good job.

We wish him great success in his future endeavours.

Sincerely,

SHREE MAHASHRAMAN REALTORS
Moham

TO WHOM SO EVER IT MAY CONCERN

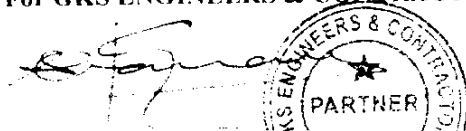
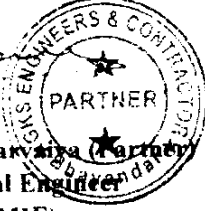
This is to certify that **Mr. Pratham Anantrai Solanki**, worked as Trainee Engineer from **07th June 2023 to 09th July 2023**.

During this period **Mr. Pratham Anantrai Solanki**, was deputed on site for structural audits and repair works of residential buildings in Mira-Bhaindar area as a Trainee Engineer.

We found **Mr. Pratham Anantrai Solanki**, hardworking, keen and intelligent and took great interest in the work.

We wish him great luck.

For GKS ENGINEERS & CONTRACTOR



Mr. Gaurav Kishor Sarvate (Partner)
Empanelled Structural Engineer
Chartered Engineer (MIE)

Vidyavardhini's College of Engineering and Technology, Vasai
Department of Civil Engineering
Mini Project Groups -1A (2022-23)

Mini Project Groups-1A Group members and Guide

Group No	Roll Num	ID Number	Name of Student (Name- Middle Name- Surname)	Contact Number	College Email ID	Title of Mini Project	Name of Guide
1	5		Adarsh Avhad	8390079213	adarsh.212276102@vcet.edu.in	Uses of Drone for Land Surveying	Mrs. Puja Kadam
	7	212326201	Tanushka Sunil Gavit	8855913927	tanushka.212326201@vcet.edu.in		
	12	212406105	Pranav patil	9049534537	pranav.212406105@vcet.edu.in		
	15	212436201	Shabnam kumari Rajiv	8210676721	shabnamkumari.212436201@vcet.edu.in		
2	18	212386101	Deepkumar Ravji T Patel Sakhiya	9313970644	deepkumar.212386101@vcet.edu.in	Study of Types Shallow Foundation used for Building Construction	Mr. Prakash Panda
	20	212376104	Bhavesh Ganesh Mude	8454807117	bhavesh.212376104@vcet.edu.in		
	19	212466101	Aryan Shashikant Varma	8104392302	aryan.212466101@vcet.edu.in		
	14	212426105	Dhruv Prashant Purav	7715903744	dhruv.212426105@vcet.edu.in		
3	8	212336101	Amev Tatyasaheb Ghule	8657557690	amev.212336101@vcet.edu.in	Study of Application of Sustainable Materials in Construction	Mr.Vikrant Kothari
	3	212346111	Venketesh Krishna metku	8454981322	venketesh.212346111@vcet.edu.in		
	16	212356101	Abhishek Mukesh Mishra	9960341465	abhishek.212356101@vcet.edu.in		
	9	212296111	Satyam Ashok Chavan	9967522260	satyam.212296111@vcet.edu.in		
4	1	212306105	Omhari Cheke	7350609188	omhari.212306105@vcet.edu.in	Dams in India and it's Importance	Mr.Nikhil Gavad
	17	212396010	Pratham Mukesh Patel	9529937496	pratham.212396101@vcet.edu.in		
	10	212446101	Vaibhav Vinay Singh	9326147483	vaibhav.212446101@vcet.edu.in		
	13	212456101	Aarsh Ajay Thakur	8551949330	aarsh.212456101@vcet.edu.in		
5	6	212366102	Chinmay Mohite	8080466940	chinmay.212366102@vcet.edu.in	Study of Sustainable Materials	Mrs.Aishwarya Anil
	4	212286103	Pushpak Bharsat	9970169432	pushpak.212286103@vcet.edu.in		
	11	212316109	Viki Dhanmeher	8862011053	viki.212316109@vcet.edu.in		
	20	213786101	Tanay Vinod Sharma	9372855297	tanay.213786101@vcet.edu.in		
6	25	S221255206	Sai Sureshchandra Gosavi	7620170426	sai.S221255206@vcet.edu.in	Study of Traffic Volume Survey in Vasai East Railway Station Area	Mr.Nikhil Gawad
	26	S221265209	Apurva Umakant Jagtap	9324273115	apurva.S221265209@vcet.edu.in		
	22	s221225204	Krutika Kailas Chavan	9324531233	krutika.s221225204@vcet.edu.in		
	28	S221285101	Dhruv Rupesh Kanakiya	8291040147	dhruv.S221285101@vcet.edu.in		

Vidyavardhini's College of Engineering and Technology, Vasai
Department of Civil Engineering
Mini Project Groups -1A (2022-23)

Mini Project Groups-1A Group members and Guide

Group No	Roll Num	ID Number	Name of Student (Name- Middle Name- Surname)	Contact Number	College Email ID	Title of Mini Project	Name of Guide
7	35	S221355105	Pratham Anantrai Solanki		pratham.s221355105@vcet.edu.in	Study of Repair Techniques of RCC Structure	Mrs.Aishwarya Anil
	23	S221235101	Prasham Gandhi		prasham.s221235101@vcet.edu.in		
8	24	S221245109	Shubham Dayanand Goriwale	7045859828	shubham.S221245109@vcet.edu.in	Comparitive Study on Different Types of Formwork	Mr. Arbaz Kazi
	33	S221335209	Sakshi Anant Shelar	8452012163	sakshi.S221335209@vcet.edu.in		
	32	S221325101	Aniruddha Mangesh Rane	9326267280	aniruddha.S221325101@vcet.edu.in		
9	34	S221345101	Tejas Tanaji Shevale	8446618920	tejas.s221345101@vcet.edu.in	Rating Systems for Green Buildings	Mr. Prakash H. Panda
	36	S221365107	Yajurved Vikas Vaidya	9021739543	yajurved.S221365107@vcet.edu.in		
	31	S221315106	Chaitanya Ravindra Pimple	9175672623	chaitanya.s221315106@vcet.edu.in		
	29	S221295202	Sakshi Mahadeo Katke	7021549505	sakshi.S221295202@vcet.edu.in		
10	21	S221215107	Krutesh Amar Arekar	8080860538	krutesh.s221251107@vcet.edu.in	Gross Wire Tiles	Mr.Nikhil Gavad
	37	S221375105	Jatin Surendra Vatare	8355853471	jatin.S221375105@vcet.edu.in		
	30	S221305103	Ajay Sharad Lachaka	7972337913	ajay.S221305103@vcet.edu.in		
	27	S221275102	Rohit Sanjay Kache	7770084848	rohit.S221275102@vcet.edu.in		

A. R. Rake

HEAD
DEPT. OF CIVIL ENGG.
Vidyavardhini's College of
Engineering & Technology
Vasai Road (W)- 401202.

Vidyavardhini's College of Engineering and Technology, Vasai
Department of Civil Engineering
Mini Project Groups -1B (2022-23)
Mini Project Groups-1B Group members and Guide

Group No	Roll Num	ID Number	Name of Student (Name-Middle Name- Surname)	Contact Number	Title of Mini Project	Name of Guide
1	1	212276102	Adarsh Daulat Avhad	8390079213	Study Of Legal Document to Check Before Buying Under Construction Property	Mrs. Puja Kadam
	6	212326201	Tanushka Sunil Gavit	8855913927		
	14	212406105	Pranav Rajendra Patil	9049534537		
	16	212436201	Shabnam kumari Rajiv	8210676721		
2	12	212386101	Deepkumar Ravji Patel	9313970644	Seismic Foundation and Structural Analysis using CAE	Mr.Prakash Panda
	11	212376104	Bhavesh Ganesh Mude	8454807117		
	19	212466101	Aryan Shashikant Varma	8104392302		
	15	212426105	Dhruv Prashant Purav	7715903744		
3	7	212336101	Amey Tatyasaheb Ghule	8657557690	Survey And Planning of Public Building	Mr.Vikrant Kothari
	8	212346111	Venketesh Krishna metku	8454981322		
	9	212356101	Abhishek Mukesh Mishra	9960341465		
	3	212296111	Satyam Ashok Chavan	9967522260		
4	4	212306105	Omhari Pandhari Cheke	7350609188	Pervious Concrete	Mr.Nikhil Gavad
	13	212396010	Pratham Mukesh Patel	9529937496		
	17	212446101	Vaibhav Vinay Singh	9326147483		
	18	212456101	Aarsh Ajay Thakur	8551949330		
5	10	212366102	Chinmay Jagdish Mohite	8080466940	Road Repairs & Construction	Mrs.Aishwarya Anil
	2	212286103	Pushpak Ramchandra Bharsat	9970169432		
	20	213786101	Tanay Vinod Sharma	9372855297		
	5	212316109	Viki Dipak Dhanmeher	8862011053		

6	25	S221255206	Sai Sureshchandra Gosavi	7620170426	Study of Traffic Volume Survey In Vasai East Railway Station Area	Mr.Nikhil Gavad
	26	S221265209	Apurva Umakant Jagtap	9324273115		
	22	s221225204	Krutika Kailas Chavan	9324531233		
	28	S221285101	Dhruv Rupesh Kanakiya	8291040147		
7	35	S221355105	Pratham Anantrai Solanki		Repair Technique of RCC Structure	Mrs.Aishwarya Anil
	23	S221235101	Prasham Gandhi			
8	24	S221245109	Shubham Dayanand Goriwale	7045859828	Use of GIS to Estimate the Literacy Rate of a Particular Area	Mr. Arbaz Kazi
	33	S221335209	Sakshi Anant Shelar	8452012163		
	32	S221325101	Aniruddha Mangesh Rane	9326267280		
9	34	S221345101	Tejas Tanaji Shevale	8446618920	Study on Abacus Software	Mr. Prakash H. Panda
	36	S221365107	Yajurved Vikas Vaidya	9021739543		
	31	S221315106	Chaitanya Ravindra Pimple	9175672623		
	29	S221295202	Sakshi Mahadeo Katke	7021549505		
10	21	S221215107	Krutesh Amar Arekar	8080860538	Study of Strength Improvement by Addition of Alcofine in Concrete	Mr.Nikhil Gavad
	37	S221375105	Jatin Surendra Vatare	8355853471		
	30	S221305103	Ajay Sharad Lachaka	7972337913		
	27	S221275102	Rohit Sanjay Kache	7770084848		

A. S. Rache

HEAD
DEPT. OF CIVIL ENGG.
Vidyavardhini's College of
Engineering & Technology
Vasal Road (W)- 401202.

Vidyavardhini's College of Engineering and Technology, Vasai
Department of Civil Engineering
T.E Civil /SEM-V / 2022-23
Mini Project Groups-2A Group members and Guide

Group No	Roll Num	ID Number	Name of Student (Name -Middle Name- Surname)	Contact Number	Title of Project	Name of Guide
1	24	S210866105	Bhushan Manjunath Malvi	9284686744	Ferrocement Water Tank	Dr Ajay Radke
	26	S210896205	Vaishnavi Eknath Patil	8554044201		
	22	S210836202	Asmita Anil Dethe	9359480839		
	41		Ashish Gupta			
2	30	202606102	Sneh Dave	8852073185	Use of Titanium Dioxide as a Pollution Control Material	Prof. Puja kadam
	36	202766104	Vishal Asaram Rathod	9769578023		
	10	202666206	Prerna Kasar	8655352681		
	6	183056203	Sushma Gaikawad	8408922157		
3	35	202756201	Saloni Shivaji Pundpal	8452953413	Study of Different Types of Bridges and Difference between Flexibility and Stiffness Method	Dr.Ajay Radke
	33	202716111	Jeevan Medge	7977718104		
	34	S210906201	Rashi Dinesh Pawaskar	9137830164		
	14	202726105	Hardik Patil	7057420567		
4	20	S210816205	Shreya Jagdish Bari	9373652338	Modeling and Reinforcement Detailing of G+1 Bungalow	Prof. Viren Chandanshive
	21	S210826112	Lingraj Hawgirao Birajdar	9702860932		
	27	S210886105	Chiraj Hareshwar Patil	9028132525		
	25	S210876112	Sagun Bhalchandra Parab	9607410547		
5	31	202636101	Jeet Vipul Ghelani	9619930468	Study of Cross section of Highway and Railway	Prof. Viren Chandanshive
	1	202576106	Prasad Ashok Bate	8600242149		
	29	202566102	Rohan Shashikant Ahire	9867262590		
	42		Mustakim Shaikh			
6	40	202836105	Gaurang Umesh Thakur	8805273185	Manhole Cover using Ferrocement	Dr Ajay Radke
	11	202686105	Aditya Uttam Kute	9769738332		
	12	202696101	Chetan Ramdas Lande	9321531924		
	7	202626105	Omkar Ramesh Ghanekar	9370460135		
7	9	202656102	Prashant Kamble	8657221082	Analysis and Ddesign of Flexible Pavement using Geocell as a Sub-base Material	Prof. Arbaz Kazi
	2	202586101	Rohan Belure	8097962494		
	13	202706103	Ajit Mahale	7620767025		
	16	202746105	Mihir Patil	9869435004		

8	39	202826201	Deeksha Divakar Shetty	8097470510	Analysis of Raft Foundation for a Residential Building	Prof.Arbaz Kazi
	3	202596205	Prajakta Prakash Borse	7798467973		
	37	202796211	Kimaya Satish Salunkhe	8010276115		
	4		Mrunal Dhotre			
9	17	202776105	Manas Pradip Raut	8010637128	Study of Reinforcement Detailing of Structural components	Prof.Jaydeep Chougale
	15	202736101	Krutik Sandesh Patil	8007162958		
	38	202816101	Harsh Vedprakash Sharma	9373844313		
	19	202806108	Saish Manoj Sankhe	9325890624		
10	18	202786104	Sahil Rathod	7208242236	Study of Tunneling and its Challenges	Dr. Ashutosh dabli
	5	202616203	Anuja Gaikwad	7028063288		
	32	202676106	Yash Khangar	7387710668		
	23	210846206	Siddhi Gosavi	8767396335		

As Radhe

HEAD
DEPT. OF CIVIL ENGG.
 Vidyavardhini's College of
 Engineering & Technology
 Vasai Road (W)- 401202.

Vidyavardhini's College of Engineering and Technology, Vasai
Department of Civil Engineering
T.E Civil /SEM-VI / 2022-23
Mini Project Groups-2B (Group members and Guide)

Group No	Roll Num	ID Number	Name of Student (Name -Middle Name- Surname)	Contact Number	Title of Project	Name of Guide
1	24	S210866105	Bhushan Manjunath Malvi	9284686744	Ferro Concrete Utility Structure	Dr. Ajay Radke
	26	S210896205	Vaishnavi Eknath Patil	8554044201		
	22	S210836202	Asmita Anil Dethe	9359480839		
	41	192806101	Ashish Gupta	8446842355		
2	30	202606102	Sneh Dave	8852073185	Use of Titanium Dioxide as a Pollution Control Material	Prof. Puja Kadam
	36	202766104	Vishal Asaram Rathod	9769578023		
	10	202666206	Prerna Kasar	8655352681		
	6	183056203	Sushma Gaikawad	8408922157		
3	35	202756201	Saloni Shivaji Pundpal	8452953413	Model showing Various Steel sections and their Properties	Dr. Ajay Radke
	33	202716111	Jeevan Medge	7977718104		
	34	S210906201	Rashi Dinesh Pawaskar	9137830164		
	14	202726105	Hardik Patil	7057420567		
4	20	S210816205	Shreya Jagdish Bari	9373652338	Planning, Modeling and Estimation of Bungalow Project	Prof. Viren Chandanshive
	21	S210826112	Lingraj Hawgirao Birajdar	9702860932		
	27	S210886105	Chiraj Hareshwar Patil	9028132525		
	25	S210876112	Sagun Bhalchandra Parab	9607410547		
5	31	202636101	Jeet Vipul Ghelani	9619930468	Analysis of Flexible Pavement using IITPave Software	Prof. Viren Chandanshive
	1	202576106	Prasad Ashok Bate	8600242149		
	29	202566102	Rohan Shashikant Ahire	9867262590		
	42	193046101	Mustakim Shaikh	9325687765		
6	40	202836105	Gaurang Umesh Thakur	8805273185	Study of Rehabilitation of Slum Area	Dr. Ajay Radke
	11	202686105	Aditya Uttam Kute	9769738332		
	12	202696101	Chetan Ramdas Lande	9321531924		
	7	202626105	Omkar Ramesh Ghanekar	9370460135		
7	9	202656102	Prashant Kamble	8657221082	Analysis & Design of Scaffolding for a G + 3 Residential Building	Prof. Arbaz Kazi
	2	202586101	Rohan Belure	8097962494		
	13	202706103	Ajit Mahale	7620767025		
	16	202746105	Mihir Patil	9869435004		

8	39	202826201	Deeksha Divakar shetty	8097470510	Energy Efficiency of VCET Campus	Prof. Arbaz Kazi
	3	202596205	Prajakta Prakash Borse	7798467973		
	37	202796211	Kimaya Satish Salunkhe	8010276115		
	4	192766104	Mrunal Dhotre	7219776404		
9	17	202776105	Manas Pradip Raut	8010637128	Complete Process of Structural Audit	Prof. Jaydeep Chougale
	15	202736101	Krutik Sandesh patil	8007162958		
	38	202816101	Harsh Vedprakash Sharma	9373844313		
	19	202806108	Saish Manoj sankhe	9325890624		
10	18	202786104	Sahil Rathod	7208242236	Advanced Earthquake Resisting Technique	Dr. Ashutosh Dabli
	5	202616203	Anuja Gaikwad	7028063288		
	32	202676106	Yash Khangar	7387710668		
	23	210846206	Siddhi Gosavi	8767396335		

A. C. Radhe

HEAD
DEPT. OF CIVIL ENGG.
 Vidyavardhini's College of
 Engineering & Technology
 Vasal Road (W)- 401202.

Vidyavardhini's College of Engineering & Technology, Vasai
Department of Civil Engineering
BE-Civil Project Group Members and Guide List Year- (2022-23)

Group No	Student ID	Sr. No (as per roll list)	Name of Student (Name- Middle Name -Surname)	Contact Number	Title of Project	Name of Guide
1	192946107	29	Adarsh Mahendra Pal	7030346241	Planning of Waterway Transportation along Coastal Cities	Prof. Viren Chandanshive
	192736101	11	Alston Anil Cerejo	8600190073		
	193116101	44	Hardik Manish Vora	8600578184		
	193126201	45	Ujala Yadav	9324208863		
2	192776101	14	Suraj Rajesh Dogra	9561495981	Design and Analysis of Commercial Structure	Prof. Jaydeep Chougale
	192696102	7	Tejas Mahendra Adsule	7387770020		
	192716110	9	Vedant Sudhakar Ayare	9619538869		
	192826103	18	Rushikesh Suresh Kamadi	7385925438		
3	192746201	12	Kanchan Sajjan Chauhan	9168928090	Rainwater Harvesting and Waste management for Community Building	Prof. Puja Kadam
	192756204	13	Pooja Maruti Dhanwade	7875724496		
	192786203	15	Vaidehi Chintaman Dombhare	8805863237		
	192866201	21	Nazreen Imtiyaz Hussain Khan	7397920462		
4	192796105	16	Kartik Chandrakant Govare	7738121257	Repairs and Retrofitting of Bridges	Dr. Ashutosh Dabli
	192896101	24	Manish Siyaram Mandal	8898901625		
	S204976101	67	Rohit Ramkumar Sharma	9834428605		
	193106101	43	Vipul Kumar	7219168178		
5	192706101	8	Atish Pradosh	9324372418	Selection of Construction Equipment using Multi-criteria Methods	Prof. Viren Chandanshive
	192966205	31	Sakshi Parag Pashte	8080226046		
	193066201	39	Tele Tanmayee Shriniwas Neelam	9987444967		
	193086101	41	Varun Paresch Valia	7710820999		
6	S204786105	48	Kevalkumar Dhaneshwar Chaudhari	9834608306	Analysis of Raod Pavement incorporating wireless charging.	Prof. Prakash Panda
	S204846112	54	Siddhesh Ashok Jadhav	9320403355		
	S204926112	62	Abhishek Satish Phadatare	7666782956		
	S204936105	63	Amogh Sandip Raut	8087300473		

7	s204816203	51	Vrushali Gavit	7620554757	Development of Potholes Repair systems in Flexible Pavement.	Prof. Vikrant Kothari
	S204946203	64	Roshani Salunkhe	9922174549		
	S205026202	72	Vaishnavi wani	7020968795		
	S204896101	59	Navin Pandey	8551877244		
8	192906105	25	Hardik Kanhya Mhatre	7028248700	Design of Foundation for Onshore Wind Turbine	Prof. Arbaz kazi
	192916101	26	Yogesh Naresh Mishra	9834048515		
	192926105	27	Raj Subhash Naik	9082356791		
	193016101	35	Rahul Vinod Ray	8956397982		
9	183016102	2	Swaraj Bhagwan Chavan	7977403126	Survey of Alignment And Design Railway Track At Dahisar	Prof. Jaydeep Chougale
	183086102	3	Uday Ravindra Ghodke	7715883991		
	183136101	5	Abhiraj Ramesh Kadam	8291445365		
	183346101	6	Nirav Kantibhai Rathod	7506543383		
10	S205046201	74	Vaishnavi pradeep yadav	9987437187	Surveying of Layout and Design	Dr. Ashutosh Dabli
	S204916205	61	Kanchan yashvant patil	8379873781		
	S204956201	65	Manali rajkumar sankhe	9049219246		
		1	Saurabh Popat Bambale			
11	S204886101	58	Shawn Allwyn Mathias	9823636737	Study of Confined and Unconfined Structural Member As Beam And Column	Dr. Ajay Radke
	S204966108	66	Shubham Yogesh Sankhe	7507395142		
	S204986204	68	Durga Nagesh Shelake	9209830755		
	S204996202	69	Nikita Rajesh Shivdas	9112288879		
12	192976205	32	Harshita Prabhakar Patil	7391938194	Sustainable Planning and Design of Kelthan Village	Prof. Vikrant Kothari
	S204776101	47	Mohammed Faraz Mohd Afzal Ansari	8169130127		
	S204886101	57	Nitish Narendra kambli	8828075988		
	S204836109	53	Prathamesh Rajendra Gondhalekar	8652749445		
13	193006105	34	Harshad Manohar Pawar	7021742873	Redesigning of Water Distribution Network by Using WaterGems Software	Prof. Puja Kadam
	192726101	10	Yash Naresh Bamania	7738446442		
	192956101	30	Sachin Dayashankar Pal	9168156225		
	S204856105	55	Yash Bapurao Kadukar	7769022249		
14	S204796101	49	Tushar Linga Dhangar	9967775339	Prefabricated Wall Panels Using Red Soil for Low Cost Housing	Prof. Prakash Panda
	S204826105	52	Vaibhav Vitthal Gawade	8830593741		
	S205006102	70	Vaibhav Madhukar Suryawanshi	7303132308		
	S205036102	73	Vishwaraj Arun Wankhede	9607175966		

15	192876108	22	Shreyas Sunil Landge	9067659212	Planning , Scheduling and Resource Allocation for Residential Building project using MSP	Prof. Viren Chandanshive
	192936105	28	Aniket Babruwahan Nannaware	7045643054		
	192846101	20	Khan Affan Nadeem	9284253801		
	193056101	38	Abhishek Kumar Singh	7352299106		
16	S204766107	56	Swapnil Sunil Kamble	8308061037	Affordable Mass Housing of G+3 bldg using Sustainability Approach	Dr. Ajay Radke
	193026202	36	Vidhita Vijay Ringanekar	8007891146		
	192986108	33	Manthan Ramakant Patil	8380910193		
		60	Kunalsingh Rajaram Parmar			
17	193096101	42	Mohit Kumar Verma	7773931994	Development of Educative Software for Civil Engineering Problems	Prof. Arbaz Kazi
	193076101	40	Kamal Suresh Vaishnav	9372626547		
	193036105	37	Raj Deepak Samnerkar	9518772180		
	192816102	17	Jay Santosh Jadhav	7058249969		
18	192886109	23	Jatin Prakash Majvelkar	8010816793	Study Durability property of HPC with Cementitious Materials	Prof. Jaydeep B. Chougale
	192836110	19	Viraj Vijay Karmalkar	9049160628		
	S204766107	46	Naresh Rajaram Akhade	9768413491		
	S205016103	71	Viraj Shivram Valvi	9960531184		

A. S. Radke

HEAD
DEPT. OF CIVIL ENGG.
Vidyavardhini's College of
Engineering & Technology
Vasai Road (W)- 401202.



Academic year: 2022-23

INTERNSHIP RECORD

Sr. No	Name of the student	Name of the Company	Duration of Internship		Nature of linkage
1	Bhavik Maru	Rancike Learning, Online	01/06/2022	01/08/2022	Worked as Graphic designer expert
2	Manav Kawale	Rancike Learning, Online	01/06/2022	01/08/2022	Worked as Graphic designer expert
3	Shreya Suvarna	Oasis Infobyte, Online	02/07/2022	02/08/2022	Worked as Java developer
		VCET (IETE Mumbai Centre), Vasai	12/12/2022	23/12/2022	Worked as Web developer using FireBird
4	Vedantika Ghorpade	Oasis Infobyte, Online	02/07/2022	02/08/2022	Worked as Web developer & Web designer
5	Manav Shailendra Lade	Verzeo, Online	01/08/2022	30/09/2022	Worked as developer using ML with python
		Devtown, Online	01/12/2022	01/03/2023	Worked as Full stack web developer
		Hewlett Packard Enterprise, Online	10/05/2023	10/06/2023	Worked as Software developer
6	Vrushti Sanghavi	Verzeo, Online	01/10/2022	30/11/2022	Worked as Android App developer
7	Viraj Wadke	Techq Konnect Technologies Private Limited, Vasai	06/12/2022	23/12/2022	Worked as Web developer on Mock Test Website Project
8	Ameya Prakash Modak	Techq Konnect Technologies Private Limited, Vasai	06/12/2022	23/12/2022	Worked as Web developer on Mock Test Website Project
9	Omkar budhaji shelke	Techq Konnect Technologies Private Limited, Vasai	06/12/2022	23/12/2022	Worked as Web developer on Mock Test Website Project
10	Saideep Manve	Techq Konnect Technologies Private Limited, Vasai	06/12/2022	23/12/2022	Worked as Web developer on Mock Test Website Project
11	Nitish Dharmendra Patil	Techq Konnect Technologies Private Limited, Vasai	06/12/2022	23/12/2022	Worked as Web developer on Mock Test Website Project

12	Vinayak Prakash Deore	Techq Konnect Technologies Private Limited, Vasai	06/12/2022	23/12/2022	Worked as Web developer on Mock Test Website Project
13	Durvesh Prakash Kajrekar	Techq Konnect Technologies Private Limited, Vasai	06/12/2022	23/12/2022	Worked as Web developer on Mock Test Website Project
14	Jayesh Anil Arjun	Techq Konnect Technologies Private Limited, Vasai	06/12/2022	23/12/2022	Worked as Web developer on Mock Test Website Project
15	Rohit Pagare	Techq Konnect Technologies Private Limited, Vasai	06/12/2022	23/12/2022	Worked as Web developer on Mock Test Website Project
16	Mukesh Billa	Techq Konnect Technologies Private Limited, Vasai	06/12/2022	23/12/2022	Worked as Web developer on Mock Test Website Project
17	Dhanashree Mahesh Thakur	Techq Konnect Technologies Private Limited, Vasai	06/12/2022	23/12/2022	Worked as Web developer on Mock Test Website Project
18	Harish Sargar	Techq Konnect Technologies Private Limited, Vasai	06/12/2022	23/12/2022	Worked as Web developer on Mock Test Website Project
19	Saurabh shashikant pandey	Techq Konnect Technologies Private Limited, Vasai	08/12/2022	31/12/2022	Worked as Software developer on Osteoporotic fracture analysis
20	Abhishek Dashrath Gurav	Techq Konnect Technologies Private Limited, Vasai	08/12/2022	31/12/2022	Worked as Software developer on Osteoporotic fracture analysis
21	Piyush Sahani	Techq Konnect Technologies Private Limited, Vasai	08/12/2022	31/12/2022	Worked as Software developer on Osteoporotic fracture analysis
22	Hardik Bhagvan Raut	Techq Konnect Technologies Private Limited, Vasai	08/12/2022	31/12/2022	Worked as Software developer on Predictive maintenance of motor
23	Laxman Pradip Sawant	Techq Konnect Technologies Private Limited, Vasai	08/12/2022	31/12/2022	Worked as Software developer on Osteoporotic fracture analysis
24	Shivam Tushar Patil	Techq Konnect Technologies Private Limited, Vasai	08/12/2022	31/12/2022	Worked as Software developer on Predictive maintenance of motor
25	Bhavisha Bhoir	Techq Konnect Technologies Private Limited, Vasai	08/12/2022	31/12/2022	Worked as Software developer on Osteoporotic fracture analysis
26	Suvith Sunil Shetty	Techq Konnect Technologies Private Limited, Vasai	08/12/2022	31/12/2022	Worked as Software developer on Osteoporotic fracture analysis
27	Mrunmayee Subhash Naik	Techq Konnect Technologies Private Limited, Vasai	08/12/2022	31/12/2022	Worked as Software developer on Osteoporotic fracture analysis
		VCET (MMRDA), Vasai	20/06/2022	01/07/2022	Worked as Data Analyst on Data Science Project
28	Karan Madhukar Naik	Techq Konnect Technologies Private Limited, Vasai	08/12/2022	31/12/2022	Worked as Software developer on Osteoporotic fracture analysis
		VCET (MMRDA), Vasai	20/06/2022	01/07/2022	Worked as Data Analyst on Data Science Project
29	Sumit Mewada	Techq Konnect Technologies Private Limited, Vasai	08/12/2022	31/12/2022	Worked as Software developer on Osteoporotic fracture analysis
30	Aarya Naik	Techq Konnect Technologies Private Limited, Vasai	08/12/2022	31/12/2022	Worked as Software developer on Osteoporotic fracture analysis
31	Niharika umachal Sahu	Techq Konnect Technologies Private Limited, Vasai	08/12/2022	31/12/2022	Worked as Software developer on Osteoporotic fracture analysis

32	Nimish Vartak	Static Int Educare, Kandivali	09/12/2022	15/01/2023	Worked as Web developer and Java developer
		VCET (MMRDA), Vasai	20/06/2022	01/07/2022	Worked as Data Analyst on Data Science Project
33	Anand Valliappan	YPP Technologies, Vasai	10/12/2022	31/12/2022	Worked as Web developer on NBA/NAAC project
34	Kashish Dalvi	YPP Technologies, Vasai	10/12/2022	31/12/2022	Worked as Web developer on NBA/NAAC project
35	Sairaj Varavdekar	YPP Technologies, Vasai	10/12/2022	31/12/2022	Worked as Software developer on Music Recommendation System
36	Mukeshkumar Prajapat	YPP Technologies, Vasai	10/12/2022	31/12/2022	Worked as Web developer on NBA/NAAC project
37	Vinaya Tiwari	YPP Technologies, Vasai	10/12/2022	31/12/2022	Worked as Web developer on NBA/NAAC project
38	Nidhi Pandey	YPP Technologies, Vasai	10/12/2022	31/12/2022	Worked as Web developer on NBA/NAAC project
39	Nisha jha	YPP Technologies, Vasai	10/12/2022	31/12/2022	Worked as Web developer on NBA/NAAC project
40	Manas Chaubal	YPP Technologies, Vasai	10/12/2022	31/12/2022	Worked as Web developer on NBA/NAAC project
41	Puja Chafekar	YPP Technologies, Vasai	10/12/2022	31/12/2022	Worked as Web developer on NBA/NAAC project
42	Divyal Patil	YPP Technologies, Vasai	10/12/2022	31/12/2022	Worked as Web developer on NBA/NAAC project
43	Arun Prajapati	Jay Brahmani, Santacruz	10/12/2022	31/12/2022	Worked as Web developer
44	Shruti Jadhav	Jay Brahmani, Santacruz	10/12/2022	31/12/2022	Worked as Web developer
45	Prachi Nibe	Jay Brahmani, Santacruz	10/12/2022	31/12/2022	Worked as Web developer
46	Abhishek Gupta	Jay Brahmani, Santacruz	10/12/2022	31/12/2022	Worked as Web developer
47	Asheesh Yadav	Jay Brahmani, Santacruz	10/12/2022	31/12/2022	Worked as Web developer
48	Manaswi Vartak	Jay Brahmani, Santacruz	10/12/2022	31/12/2022	Worked as Web developer
49	Samarth Mane	For Future India, Bhayandar	10/12/2022	10/04/2023	Worked as Project administrator
50	Ilf Dhuka	Techq Konnect Technologies Private Limited, Vasai	12/12/2022	31/12/2022	Worked as Software developer on Predictive maintenance of motor
51	Ami Maiyani	Techq Konnect Technologies Private Limited, Vasai	12/12/2022	31/12/2022	Worked as Software developer on Osteoporotic fracture analysis
52	Vedant Ghadigaonkar	Techq Konnect Technologies Private Limited, Vasai	12/12/2022	31/12/2022	Worked as Software developer on Predictive maintenance of motor

53	Mihir Mahesh Patil	MSS Powertech, Vasai	12/12/2022	02/01/2023	Worked as Web developer
54	Prathamesh ramdas pawar	MSS Powertech, Vasai	12/12/2022	02/01/2023	Worked as Web developer
55	Shreenand Nilesh Pandere	MSS Powertech, Vasai	12/12/2022	02/01/2023	Worked as Web developer
56	Chikitsa Prakash Nijai	MSS Powertech, Vasai	12/12/2022	02/01/2023	Worked as Web developer
57	Purva Nikam	MSS Powertech, Vasai	12/12/2022	02/01/2023	Worked as Web developer
58	Shruti Dinesh Rogye	MSS Powertech, Vasai	12/12/2022	02/01/2023	Worked as Web developer
59	Tanvi Patil	Adani Electricity Mumbai Ltd, Online	15/12/2022	08/01/2023	Worked as Web developer on Cyber Security Reconnaissance &
60	Dikshant Buwa	VCET (MMRDA), Vasai	20/06/2022	01/07/2022	Worked as Data Analyst on Data Science Project
61	Prajwal Vishwakarma	VCET (MMRDA), Vasai	20/06/2022	01/07/2022	Worked as Data Analyst on Data Science Project
62	Aditya Joshi	VCET (MMRDA), Vasai	20/06/2022	01/07/2022	Worked as Data Analyst on Data Science Project
63	Prathamesh Thakare	VCET (MMRDA), Vasai	20/06/2022	01/07/2022	Worked as Data Analyst on Data Science Project
64	Yash Sankhe	VCET (MMRDA), Vasai	20/06/2022	01/07/2022	Worked as Data Analyst on Data Science Project
65	Harijan Ritik	VCET (MMRDA), Vasai	20/06/2022	01/07/2022	Worked as Data Analyst on Data Science Project
66	Paritosh Moreshwar Khanwe	Static.Int Educare, Online	09/04/2023	09/06/2023	Worked as Android App Developer
		VCET (MMRDA), Vasai	20/06/2022	01/07/2022	Worked as Data Analyst on Data Science Project
67	Samrudhi Mhatre	Static.Int Educare, Online	09/04/2023	09/06/2023	Worked as Android App Developer
		VCET (MMRDA), Vasai	20/06/2022	01/07/2022	Worked as Data Analyst on Data Science Project
68	Preet Raut	VCET (MMRDA), Vasai	20/06/2022	01/07/2022	Worked as Data Analyst on Data Science Project
69	Sakshi Dagur	VCET (Rigel Infotech), Vasai	12/06/2023	23/06/2023	Worked as Web developer
		VCET (MMRDA), Vasai	20/06/2022	01/07/2022	Worked as Data Analyst on Data Science Project
70	Gautham Kuckian	VCET (MMRDA), Vasai	20/06/2022	01/07/2022	Worked as Data Analyst on Data Science Project
71	Dipanshu Vartak	VCET (MMRDA), Vasai	20/06/2022	01/07/2022	Worked as Data Analyst on Data Science Project

72	Nikhilesh Waghmare	VCET (IETE Mumbai Centre), Vasai	12/12/2022	23/12/2022	Worked as Web developer using FireBird
73	Vaishnavi Avinash Saindane	Fireclash Enterprises, Online	16/01/2023	15/02/2023	Worked as Web developer
74	Sanskruiti Hitendra Nijai	Accenture, Online	01/06/2023	29/06/2023	Worked as Data Analyst
75	Sonali Niketan Bhiwandkar	VCET (TECH CRYPTORS), Vasai	12/06/2023	23/06/2023	Worked as Data Analyst on Data Science Project
76	Ramchandra Darade	VCET (TECH CRYPTORS), Vasai	12/06/2023	23/06/2023	Worked as Data Analyst on Data Science Project
77	Sachi Atmaram Godbole	VCET (TECH CRYPTORS), Vasai	12/06/2023	23/06/2023	Worked as Data Analyst on Data Science Project
78	Hrudaya Tushar Kini	VCET (TECH CRYPTORS), Vasai	12/06/2023	23/06/2023	Worked as Data Analyst on Data Science Project
79	Manas Umesh Parab	VCET (TECH CRYPTORS), Vasai	12/06/2023	23/06/2023	Worked as Data Analyst on Data Science Project
80	Niyati Patil	VCET (TECH CRYPTORS), Vasai	12/06/2023	23/06/2023	Worked as Data Analyst on Data Science Project
81	Aayush Sanjay Jha	VCET (TECH CRYPTORS), Vasai	12/06/2023	23/06/2023	Worked as Data Analyst on Data Science Project
82	Sahil Gulzari Gujral	VCET (Rigel Infotech), Vasai	12/06/2023	23/06/2023	Worked as Web developer

Dr. Vikas Gupta
HOB-CSE(DS)






Internship Certificate

PAN: AAKCR8056J | TAN: BRDR04619G


CIN: U80904GJ2021OPC120337

 Date of Issue: 10 Nov, 2022

To Whom It May Concern

This is to Certify that **Bhavik Dharmesh Maru** has successfully completed his 2 months internship at Rancike Learning OPC Private Limited from 1 June, 2022 to 1 August, 2022. He has worked as Graphic Designer Expert in one of our Project and has provided Various Academic and Non-Academic designs as demanded by the Company. His performance was good throughout the project and he completed the project successfully on time as per our agreement.

We from Rancike Wish him all the best for their future Endeavours.

 Warm regards

A handwritten signature in black ink, appearing to be 'J. Maru', written over a white background.

Signature

(CEO, Rancike Learning Pvt Ltd)

DIN: 09071296



Internship Certificate

PAN: AAKCR8056J | TAN: BRDR04619G

Date of Issue: 10 Nov, 2022

CIN: U80904GJ2021OPC120337

To Whom It May Concern

This is to Certify that **Manav Manages Kawale** has successfully completed his 2 months internship at Rancike Learning OPC Private Limited from 1 June, 2022 to 1 August, 2022. He has worked as Graphic Designer Expert in one of our Project and has provided Various Academic and Non-Academic designs as demanded by the Company. His performance was good throughout the project and he completed the project successfully on time as per our agreement.

We from Rancike Wish him all the best for their future Endeavours.

Warm regards

A handwritten signature in black ink, appearing to be 'J. J.', is written above the printed name of the CEO.

Signature

(CEO, Rancike Learning Pvt Ltd)

DIN: 09071296

35

CERTIFICATE OF COMPLETION

8/2/2022

This certificate is proudly presented to

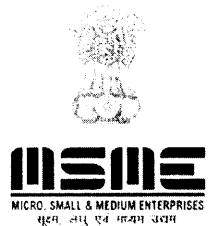
Shreya Suvarna

for successful completion of **1 month internship** in
Java Development
with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

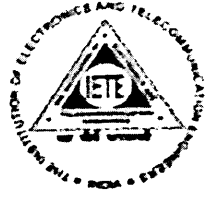
OIB/JUL472

🌐 www.oasisinfobyte.com





VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Shreya Suvarna

Has successfully completed 10 Days (Two Weeks) Internship on
Application development using Fire Bird V Robot

from 12th December 2022 to 23rd December, 2022, Organized by Industry
Institute Interaction Cell of Vidyavardhini's College of Engineering and
Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Megha Trivedi
Co-ordinator E-Yantra
Robotics Lab

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal

CERTIFICATE OF COMPLETION

8/2/2022

This certificate is proudly presented to

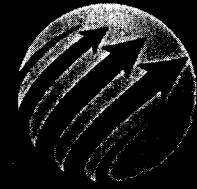
Vedantika Ghorpade

for successful completion of **1 month internship** in
Web Development and Designing
with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

OIB/JUL517

🌐 www.oasisinfobyte.com



OASIS
INFOBYTE



VERZEO

Certificate of Internship
Manav Lade

has successfully completed an Internship Program Machine Learning with Python
from 01-08-2022 to 30-09-2022.

During the internship, the student was found to be dedicated, hardworking and intelligent.

T. N. K. S.

T. N. K. S.
Academic Head

 **Verified Certificate**

Certificate ID: 2792646897
Date: 28-02-2023



Our internship completion certificates are verified and are recognized
by eminent industries and universities all over the world.

devtown

CERTIFICATE OF INTERNSHIP COMPLETION

This Certification is proudly presented to :

MANAV SHAILENDRA LADE

For successfully completing 4-months internship
as Full-stack Web Developer, working on multiple
industry level projects.



Shaurya Sinha
Co-Founder



Dec 2022 - March 2023

Duration

Scan the QR code to verify



or visit <https://cert.devtown.in/tech/vrf/yZ15afG>

www.devtown.in

We strive to cultivate a change in the current learning strategies of students and incorporate a reasonable methodology to make our interns future-prepared with a good knowledge of practical experience by making them create projects in their respective fields. We believe that you will appreciate the learning excursion and shape your future with us.



 /devtown-in

 @devtown.in

 /DevTownIndia



**Hewlett Packard
Enterprise**



Manav Shailendra Lade

Software Engineering Virtual Experience Program

Certificate of Completion
June 10th, 2023

Over the period of June 2023, Manav Shailendra Lade has completed practical tasks in:

- Create a Proposal for a RESTful Web Service
- Build a Basic RESTful Web Service
- Implement the Ability to Upload Data
- Create Unit Tests

Tom Brunskill
CEO, Co-Founder of
Forage

VERZEO

4

Certificate of Internship

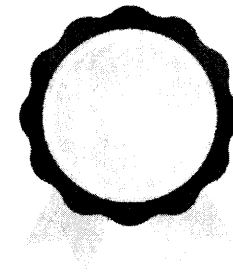
Vrushti Yatin Sanghavi

has successfully completed an Internship Program Android App Development
from 01-10-2022 to 30-11-2022.

During the internship, the student was found to be dedicated, hardworking and intelligent.



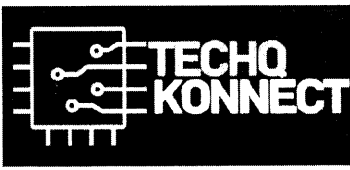
T. Nikhil
Academic head



Our internship completion certificates are verified and are recognized
by eminent industries and universities all over the world.

 **Verified Certificate**

Certificate ID: 3328395931
Date: 24-02-2023



REF NO: TKTCT_IL223

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

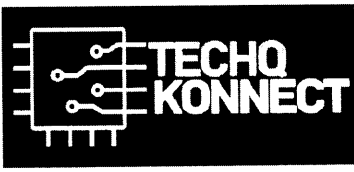
This is to certify that Viraj Vijay Wadke, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 06 December 2022 to 23 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Mock Test Website project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL216

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ameya Prakash Modak, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 06 December 2022 to 23 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Mock Test Website project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.

REF NO: TKTCT_IL226

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

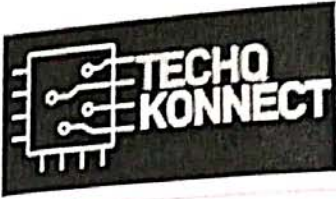
This is to certify that Omkar Budhaji Shelke, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 06 December 2022 to 23 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Mock Test Website project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO. TKTCT_IL215

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

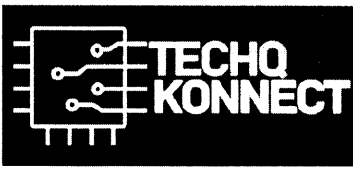
This is to certify that Saideep Pravin Manve, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 06 December 2022 to 23 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Mock Test Website project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL219

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

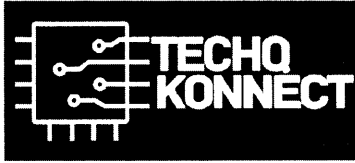
This is to certify that Nitesh Dharmendra Patil, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 06 December 2022 to 23 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Mock Test Website project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL224

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

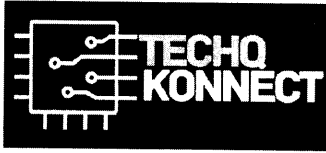
This is to certify that Vinayak Deore, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 06 December 2022 to 23 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Mock Test Website project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL220

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Durvesh Prakash Kajrekar, student of Vidya vardhini's College of Engineering and Technology, Vasai has successfully completed internship from 06 December 2022 to 23 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Mock Test Website project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL218

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Jayesh Anil Arjun, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 06 December 2022 to 23 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Mock Test Website project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL217

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Rohit Balu Pagare, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 06 December 2022 to 23 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Mock Test Website project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



REF NO: TKTCT_IL222

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

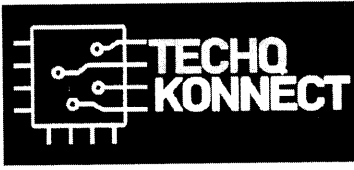
This is to certify that Mukesh Billa, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 06 December 2022 to 23 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Mock Test Website project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL221

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Dhanashree Mahesh Thakur, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 06 December 2022 to 23 December 2022 at Techq Konnect Technologies Private Limited.

During the internship she worked on Mock Test Website project(s).

She demonstrated good skills with an attitude to learn new things. We wish her all the very best for her career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.

REF NO: TKTCT_IL225

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

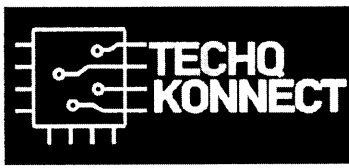
This is to certify that Harish Pralhad Sargar, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 06 December 2022 to 23 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Mock Test Website project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL242

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Saurabh Shashikant Pandey, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 08 December 2022 to 31 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Osteoporotic Fracture Analysis using ML project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

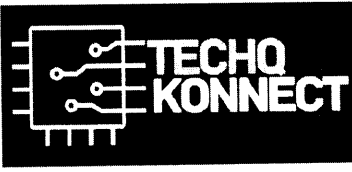
Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.

www.techqkonnect.in

9870332716 / 7304129121
U72900MH2019PTC324171

support@techqkonnect.in



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL232

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

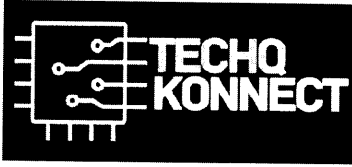
This is to certify that Abhishek Dashrath Gurav, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 08 December 2022 to 31 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Osteoporotic Fracture Analysis using ML & Predictive Maintenance of Motor project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30-04-2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL227

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

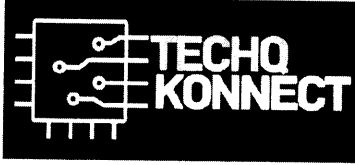
This is to certify that Piyush Rajaram Sahani, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 08 December 2022 to 31 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Osteoporotic Fracture Analysis using ML & Predictive Maintenance of Motor project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL238

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

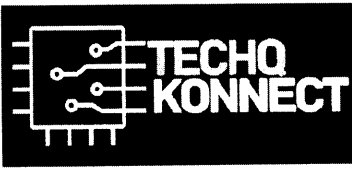
This is to certify that Hardik Bhagvan Raut, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 08 December 2022 to 31 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Predictive Maintenance of Motor project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL235

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Laxman Pradip Sawant, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 08 December 2022 to 31 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Osteoporotic Fracture Analysis using ML & Predictive Maintenance of Motor project(s)

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30-04-2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL237

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Shivam Tushar Patil, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 08 December 2022 to 31 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Predictive Maintenance of Motor project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL229

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Bhavisha Ravindra Bhoir, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 08 December 2022 to 31 December 2022 at Techq Konnect Technologies Private Limited.

During the internship she worked on Osteoporotic Fracture Analysis using ML & Predictive Maintenance of Motor project(s).

She demonstrated good skills with an attitude to learn new things. We wish her all the very best for her career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.

REF NO: TKTCT_IL241

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

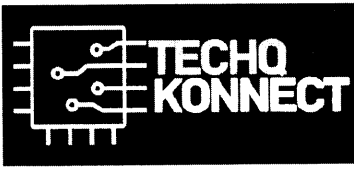
This is to certify that Suvith Sunil Shetty, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 08 December 2022 to 31 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Osteoporotic Fracture Analysis using ML & Predictive Maintenance of Motor project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.



REF NO: TKTCT_IL234

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mrunmayee Subhash Naik, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 08 December 2022 to 31 December 2022 at Techq Konnect Technologies Private Limited.

During the internship she worked on Osteoporotic Fracture Analysis using ML & Predictive Maintenance of Motor project(s).

She demonstrated good skills with an attitude to learn new things. We wish her all the very best for her career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist. - Palghar, Maharashtra

CERTIFICATE OF COMPLETION

This is to certify that

Mrunmayee Subhash Naik

has successfully completed **Two Weeks Internship** on
Data Science

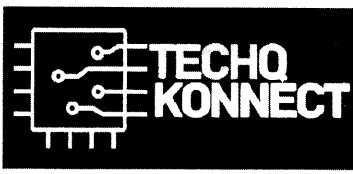
from 20th June, 2022 to 1st July, 2022. Organized by
Vidyavardhini's College of Engineering and Technology

Mr. Anand Sankhe

Executive Engineer (A/C), IT, MMRDA

Dr. Harish Vankudre

Principal, VCET



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL231

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Karan Madhukar Naik, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 08 December 2022 to 31 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Osteoporotic Fracture Analysis using ML & Predictive Maintenance of Motor project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



**VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY**

K. T. Marg, Vasai Road (West), Dist - Palghar, Maharashtra

CERTIFICATE OF COMPLETION

This is to certify that

Karan Madhukar Naik

has successfully completed **Two Weeks Internship** on

Data Science

from 20th June, 2022 to 1st July, 2022. Organized by
Vidyavardhini's College of Engineering and Technology

Mr. Anand Sankhe

Executive Engineer (A/C), IT, MMRDA

Dr. Harish Vankudre

Principal, VCET



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL240

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Sumit Prakash Mewada, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 08 December 2022 to 31 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Osteoporotic Fracture Analysis using ML project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL233

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Aarya Hemant Naik, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 08 December 2022 to 31 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Osteoporotic Fracture Analysis using ML & Predictive Maintenance of Motor project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL228

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Niharika Umachal Sahu, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 08 December 2022 to 31 December 2022 at Techq Konnect Technologies Private Limited.

During the internship she worked on Osteoporotic Fracture Analysis using ML & Predictive Maintenance of Motor project(s).

She demonstrated good skills with an attitude to learn new things. We wish her all the very best for her career and future endeavours.

Ankit
30-04-2023

Ankit Patil
Director, Techq Konnect.



Email ID-staticeducare@gmail.com
Contact - 9969312885/9892677749/7021390311

Date: 09/12/2022

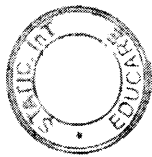
TO WHOM IT MAY CONCERN

We are happy to let you know that **Mr. Nimish Nitin Vartak** successfully finished his internship at Static.Int Educare from 09th December 2022 to 15th January 2023.

He has worked on **Web development** and **Java** during his internship. He completed a number of the assignments that were given to him when he was an intern.

He was honest, diligent, proficient technically, and focused on getting things done. He was a good team player when he was in charge 100% of the work was completed, taking the assignment into consideration.

We would want to thank him and wish him the best of luck in all of her future endeavors. With Best Wishes,
Static.Int Educare



(Stamp)

K. J. Shah

(Krutik Shah)
CMO,Static.Int



**VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY**

K. T. Marg, Vasat Road (West), Dist - Palghar, Maharashtra

CERTIFICATE OF COMPLETION

This is to certify that

Nimish Vartak

has successfully completed **Two Weeks Internship** on
Data Science

from 20th June, 2022 to 1st July, 2022. Organized by
Vidyavardhini's College of Engineering and Technology

Mr. Anand Sankhe

Executive Engineer (A/C), IT, MMRDA

Dr. Harish Vankudre

Principal, VCET



YPP TECHNOLOGIES

Scientific and Technological Services & Research
Design and Development of IoT Solutions

27

REF NO.: YPPIC_01

Friday, Jan 6, 2023

SUB: INTERNSHIP COMPLETION LETTER

We are glad to inform you that **Anand Valliappan** has successfully completed his internship at **YPP Technologies** from **10th Dec 2022 to 31st Dec 2022**.

During his internship, he worked on **collection of data for NBA/NAAC Project**.

We found him extremely inquisitive and hardworking. he was very interested in learning new skills and willing to put his best effort to understand it better.

His association with us was very fruitful and we wish him all the best for his future endeavors.

For YPP Technologies

Mr. Yogesh P Pingle
Proprietor



+91 9665009742 | +91 9422492389

yogeshpingle25@gmail.com | yogeshpingle1977@gmail.com

www.yogeshpingle.co.in

B-203, Peony Green Court Complex, Behind Vasai Court,
Vasai Gaon, Vasai, Maharashtra - 401201





YPP TECHNOLOGIES

Scientific and Technological Services & Research
Design and Development of IoT Solutions

REF NO.: YPPIC_06

Friday, Jan 6, 2023

SUB: INTERNSHIP COMPLETION LETTER

We are glad to inform you that **Kashish Dalvi** has successfully completed her internship at **YPP Technologies** from **10th Dec 2022 to 31st Dec 2022**. During her internship, she worked on **collection of data for NBA/NAAC Project**.

We found her extremely inquisitive and hardworking. She was very interested in learning new skills and willing to put her best effort to understand it better.

Her association with us was very fruitful and we wish her all the best for her future endeavors.

For YPP Technologies

Mr. Yogesh P Pingle
Proprietor



+91 9665009742 | +91 9422492389

yogeshpingle25@gmail.com | yogeshpingle1977@gmail.com

www.yogeshpingle.co.in

B-203, Peony Green Court Complex, Behind Vasai Court,
Vasai Gaon, Vasai, Maharashtra - 401201



YPP TECHNOLOGIES

Scientific and Technological Services & Research
Design and Development of IoT Solutions

REF NO.: YPPIC_08

Friday, Jan 6, 2023

SUB: INTERNSHIP COMPLETION LETTER

We are glad to inform you that **Sairaj Varavdekar** has successfully completed his internship at **YPP Technologies** from **10th Dec 2022 to 31st Dec 2022**. During his internship, he worked on **Music Recommendation System Project**.

We found him extremely inquisitive and hardworking. He was very interested in learning new skills and willing to put his best effort to understand it better.

His association with us was very fruitful and we wish him all the best for his future endeavors.

For YPP Technologies

Mr. Yogesh P Pingle
Proprietor



+91 9665009742 | +91 9422492389

yogeshpingle25@gmail.com | yogeshpingle1977@gmail.com

www.yogeshpingle.co.in

B-203, Peony Green Court Complex, Behind Vasai Court,
Vasai Gaon, Vasai, Maharashtra - 401201





YPP TECHNOLOGIES

Scientific and Technological Services & Research
Design and Development of IoT Solutions

REF NO.: YPPIC_07

Friday, Jan 6, 2023

SUB: INTERNSHIP COMPLETION LETTER

We are glad to inform you that **Mukesh Prajapat** has successfully completed his internship at **YPP Technologies** from **10th Dec 2022** to **31st Dec 2022**. During his internship, he worked on **collection of data for NBA/NAAC Project**.


We found him extremely inquisitive and hardworking. He was very interested in learning new skills and willing to put his best effort to understand it better.


His association with us was very fruitful and we wish him all the best for his future endeavors.


For YPP Technologies


Mr. Yogesh P Pingle
Proprietor



+91 9665009742 | +91 9422492389 

yogeshpingle25@gmail.com | yogeshpingle1977@gmail.com 

www.yogeshpingle.co.in 

B-203, Peony Green Court Complex, Behind Vasai Court,
Vasai Gaon, Vasai, Maharashtra - 401201 



YPP TECHNOLOGIES

Scientific and Technological Services & Research
Design and Development of IoT Solutions

REF NO.: YPPIC_05

Friday, Jan 6, 2023

SUB: INTERNSHIP COMPLETION LETTER

We are glad to inform you that Vinaya Tiwari has successfully completed her internship at YPP Technologies from 10th Dec 2022 to 31st Dec 2022. During her internship, she worked on collection of data for NBA/NAAC Project.

We found her extremely inquisitive and hardworking. She was very interested in learning new skills and willing to put her best effort to understand it better.

Her association with us was very fruitful and we wish her all the best for her future endeavors.

For YPP Technologies

Mr. Yogesh P Pingle
Proprietor



+91 9665009742 | +91 9422492389

yogeshpingle25@gmail.com | yogeshpingle1977@gmail.com

www.yogeshpingle.co.in

B 203, Peony Green Court Complex, Behind Vasai Court,
Vasai Gaon, Vasai, Maharashtra - 401201





YPP TECHNOLOGIES

Scientific and Technological Services & Research
Design and Development of IoT Solutions

REF NO.: YPPIC_02

Friday, Jan 6, 2023

SUB: INTERNSHIP COMPLETION LETTER

We are glad to inform you that **Nidhi Pandey** has successfully completed her internship at **YPP Technologies** from **10th Dec 2022** to **31st Dec 2022**. During her internship, she worked on **collection of data for NBA/NAAC Project**.


We found her extremely inquisitive and hardworking. She was very interested in learning new skills and willing to put her best effort to understand it better.


Her association with us was very fruitful and we wish her all the best for her future endeavors.

For YPP Technologies


Mr. Yogesh P Pingle
Proprietor



+91 9665009742 | +91 9422492389 

yogeshpingle25@gmail.com | yogeshpingle1977@gmail.com 

www.yogeshpingle.co.in 

B-203, Peony Green Court Complex, Behind Vasai Court, 
Vasai Gaon, Vasai, Maharashtra - 401201



YPP TECHNOLOGIES

Scientific and Technological Services & Research
Design and Development of IoT Solutions

REF NO.: YPPIC_03

Friday, Jan 6, 2023

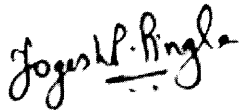
SUB: INTERNSHIP COMPLETION LETTER

We are glad to inform you that Nisha Jha has successfully completed her internship at YPP Technologies from 10th Dec 2022 to 31st Dec 2022. During her internship, she worked on collection of data for NBA/NAAC Project.

We found her extremely inquisitive and hardworking. She was very interested in learning new skills and willing to put her best effort to understand it better.

Her association with us was very fruitful and we wish her all the best for her future endeavors.

For YPP Technologies



Mr. Yogesh P Pingle
Proprietor



+91 9665009742 | +91 9422492389

yogeshpingle25@gmail.com | yogeshpingle1977@gmail.com

www.yogeshpingle.co.in

B-203, Peony Green Court Complex, Behind Vasai Court,
Vasai Gaon, Vasai, Maharashtra - 401201





YPP TECHNOLOGIES

Scientific and Technological Services & Research
Design and Development of IoT Solutions

REF NO.: YPPIC_08

Friday, Jan 6, 2023


SUB: INTERNSHIP COMPLETION LETTER

We are glad to inform you that **Manas Chaubal** has successfully completed his internship at **YPP Technologies** from **10th Dec 2022** to **31st Dec 2022**. During his internship, he worked on **collection of data for NBA/NAAC Project**.

We found him extremely inquisitive and hardworking. He was very interested in learning new skills and willing to put his best effort to understand it better.


His association with us was very fruitful and we wish him all the best for his future endeavors.


For YPP Technologies




Mr. Yogesh P Pingle
Proprietor



+91 9665009742 | +91 9422492389 

yogeshpingle25@gmail.com | yogeshpingle1977@gmail.com 

www.yogeshpingle.co.in 

B-203, Peony Green Court Complex, Behind Vasai Court,
Vasai Gaon, Vasai, Maharashtra - 401201 



YPP TECHNOLOGIES

Scientific and Technological Services & Research
Design and Development of IoT Solutions

41

REF NO.: YPPIC_01

Friday, Jan 6, 2023

SUB: INTERNSHIP COMPLETION LETTER

We are glad to inform you that **Puja Chafekar** has successfully completed her internship at **YPP Technologies** from **10th Dec 2022 to 31st Dec 2022**. During her internship, she worked on **collection of data for NBA/NAAC Project**.

We found her extremely inquisitive and hardworking. She was very interested in learning new skills and willing to put her best effort to understand it better.

Her association with us was very fruitful and we wish her all the best for her future endeavors.

For YPP Technologies

Mr. Yogesh P Pingle
Proprietor



+91 9665009742 | +91 9422492389

yogeshpingle25@gmail.com | yogeshpingle1977@gmail.com

www.yogeshpingle.co.in

B-203, Peony Green Court Complex, Behind Vasai Court,
Vasai Gaon, Vasai, Maharashtra - 401201





YPP TECHNOLOGIES

Scientific and Technological Services & Research
Design and Development of IoT Solutions

02

REF NO.: YPPIC_04

Friday, Jan 6, 2023

SUB: INTERNSHIP COMPLETION LETTER

We are glad to inform you that Divyal Patil has successfully completed her internship at YPP Technologies from 10th Dec 2022 to 31st Dec 2022. During her internship, she worked on collection of data for NBA/NAAC Project.

We found her extremely inquisitive and hardworking. She was very interested in learning new skills and willing to put her best effort to understand it better.

Her association with us was very fruitful and we wish her all the best for her future endeavors.

For YPP Technologies



Mr. Yogesh P Pingle
Proprietor



+91 9665009742 | +91 9422492389

yogeshpingle25@gmail.com | yogeshpingle1977@gmail.com

www.yogeshpingle.co.in

B-203, Peony Green Court Complex, Behind Vasai Court,
Vasai Gaon, Vasai, Maharashtra - 401201





VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

Founder President Late Padmashri H. G. Vartak

(Approved by AICTE and Affiliated to the University of Mumbai)

Four Branches Permanently Affiliated by University of Mumbai

K. T. Marg, Vasai Road (W), Dist. Palghar - 401 202, Maharashtra.

Tel.: 0250-2338234 (6 Line) • Email : vcet_inbox@vcet.edu.in • Website : www.vcet.edu.in

PAT Centre

08/12/2022

Summer/Winter Training for students.

To,

H.R. Department

Jay Brahmant, Santacruz,
Mumbai

Subject : Summer/Winter Training for students.

Respected Sir/Madam,

The department of C.S.E. D.S. VidyaVardhini's College of Engineering and Technology, Vasai is always endeavoring to acquaint its students with latest technologies and development in the word, by amalgamating their theoretical knowledge with the practical study, as we stanchly believe that knowledge cannot be gained through books alone.

We hereby request you to kindly allow following students to take up a Summer/Winter Training From 10/12/2022 to 31/12/2022 at you esteemed organization and we assure you that the students will be at their best behavior and will abide to all the rules and regulations laid by your organization.

Thanking you in anticipation.

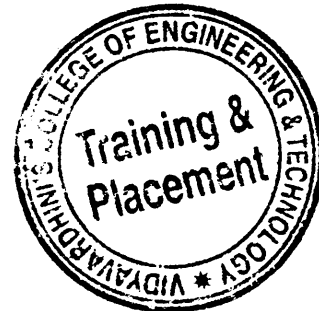
Name of Students:

Sr. No.	NAME
1.	Ajuni Prayapati
2.	Shruti Tadhar
3.	Prachi Nibe
4.	Abhishek Gupta
5.	Ashesh Yadav

6. Manasvi Vartak

for

Training And Placement Officer.



SUPERVISOR EVALUATION OF INTERN

Student Name Arun . n . prajapati . Date 18 / 11 / 2023

Work Supervisor: _____ Title: _____

Company/Organization: JAY Bahmani

Internship Address: 2nd Kapawa Chawl, P.m. Road, Khotwade Santacruz (W), Mumbai - 40051

Dates of Internship: From 10 / 12 / 2022 To 31 / 12 / 2022

Please evaluate your intern by indicating the frequency with which you observed the following behaviors:

Parameters	Needs improvement	Satisfactory	Good	Excellent
Behaviors			✓	
Performs in a dependable manner			✓	
Cooperates with co-workers and supervisors			✓	
Shows interest in work			✓	
Learns quickly				✓
Shows initiative				✓
Produces high quality work			✓	
Accepts responsibility			✓	
Accepts criticism			✓	
Demonstrates organizational skills			✓	
Uses technical knowledge and expertise				✓
Shows good judgment				✓
Demonstrates creativity/originality			✓	
Analyzes problems effectively			✓	
Is self-reliant			✓	
Communicates well			✓	
Writes effectively			✓	
Has a professional attitude			✓	
Gives a professional appearance			✓	
punctual			✓	
Uses time effectively			✓	

Overall performance of student intern (circle one):

(Needs improvement/ Satisfactory/ Good / Excellent)

Additional comments, if any:

Signature of Industry supervisor [Signature] Signature of HR Manager with Company Seal [Signature]

PRAJAPATI A. N.
 Parwala Chawl, Bhagal Singh Road,
 wadi, Santacruz (W), Mumbai-400 051

SUPERVISOR EVALUATION OF INTERN

Student Name Jadhav Shreuti Milind Date 18/1/2023

Work Supervisor: _____ Title: _____

Company/Organization: Jay Brahman

Internship Address: 2nd Karpoor Chawl, P.M. Road, Khotwadi, Santacruz (W), Mumbai - 400 054

Dates of Internship: From 10/2/22 To 3/12/22

Please evaluate your intern by indicating the frequency with which you observed the following behaviors:

Parameters	Needs improvement	Satisfactory	Good	Excellent
Behaviors			✓	
Performs in a dependable manner			✓✓	
Cooperates with co-workers and supervisors			✓✓✓	
Shows interest in work			✓✓	
Learns quickly				✓
Shows initiative				✓✓
Produces high quality work			✓✓	
Accepts responsibility			✓✓✓	
Accepts criticism			✓✓✓	
Demonstrates organizational skills			✓✓✓	
Uses technical knowledge and expertise				✓
Shows good judgment				✓✓
Demonstrates creativity/originality			✓✓	
Analyzes problems effectively			✓✓✓	
Is self-reliant			✓✓✓	
Communicates well			✓✓✓	
Writes effectively			✓✓✓	
Has a professional attitude			✓✓✓	
Gives a professional appearance			✓✓✓	
Is punctual			✓✓✓	
Uses time effectively			✓✓✓	

Overall performance of student intern (circle one):

(Needs improvement/ Satisfactory/ Good / Excellent)

Additional comments, if any:

Signature of Industry supervisor [Signature] Signature of HR Manager with Company Seal [Signature]

SUPERVISOR EVALUATION OF INTERN

Student Name Nibe Prachi Sakthabari Date 18/7/2023

Work Supervisor: _____ Title: _____

Company/Organization: Jay Brahmani

Internship Address: 2nd Kapoor Chawl, P.M. Road, Kholwadi, Santacruz (W), Mumbai - 400054.

Dates of Internship: From 10/12/22 To 31/12/22

Please evaluate your intern by indicating the frequency with which you observed the following behaviors:

Parameters	Needs improvement	Satisfactory	Good	Excellent
Behaviors			✓	
Performs in a dependable manner			✓✓	
Cooperates with co-workers and supervisors			✓✓	
Shows interest in work			✓	
Learns quickly				✓✓
Shows initiative				✓✓
Produces high quality work			✓✓	
Accepts responsibility			✓✓	
Accepts criticism			✓✓	
Demonstrates organizational skills			✓✓	
Uses technical knowledge and expertise				✓✓
Shows good judgment				✓✓
Demonstrates creativity/originality			✓✓	
Analyzes problems effectively			✓✓	
Is self-reliant			✓✓	
Communicates well			✓✓	
Writes effectively			✓✓	
Has a professional attitude			✓✓	
Gives a professional appearance			✓✓	
Is punctual			✓✓	
Uses time effectively			✓✓	

Overall performance of student intern (circle one):

(Needs improvement/ Satisfactory/ Good / Excellent)

Additional comments, if any:

Signature of Industry supervisor [Signature] Signature of HR Manager with Company Seal [Signature]

Sopariwala Chawl, Ehanat Singh Road,
Kholwadi, Santacruz (W), Mumbai-400 054

SUPERVISOR EVALUATION OF INTERN

Student Name Abhishek Suresh Gupta Date 18/01/23

Work Supervisor: _____ Title: _____

Company/Organization: Jay Brahmani

Internship Address: 2nd Kapor Chowk, P.M Road, Khotwadi,
Santa Cruz (W) Mumbai 400054

Dates of Internship: From 10/12/22 To 31/12/22

Please evaluate your intern by indicating the frequency with which you observed the following behaviors:

Parameters	Needs improvement	Satisfactory	Good	Excellent
Behaviors			✓	
Performs in a dependable manner			✓✓	
Cooperates with co-workers and supervisors			✓✓	
Shows interest in work			✓✓	
Learns quickly				✓✓
Shows initiative				✓✓
Produces high quality work			✓	
Accepts responsibility			✓✓	
Accepts criticism			✓✓	
Demonstrates organizational skills			✓✓	
Uses technical knowledge and expertise				✓✓
Shows good judgment				✓✓
Demonstrates creativity/originality			✓✓	
Analyzes problems effectively			✓✓	
Is self-reliant			✓✓✓	
Communicates well			✓✓✓	
Writes effectively			✓✓✓	
Has a professional attitude			✓✓✓	
Gives a professional appearance			✓✓✓	
Is punctual			✓✓✓	
Uses time effectively			✓✓✓	

Overall performance of student intern (circle one):

(Needs improvement/ Satisfactory/ Good / Excellent)

Additional comments, if any:

Signature of Industry supervisor

[Signature]

Signature of HR Manager with Company Seal

[Signature]

JAY BRAHMANI
 2nd Kapor Chowk, Bhegal Singh Road,
 Khotwadi, Santa Cruz (W), Mumbai-400 054

SUPERVISOR EVALUATION OF INTERN

Student Name ASHFESH R. YADAV Date 18/01/2022

Work Supervisor: _____ Title: _____

Company/Organization: JAY Brahmani

Internship Address: 2nd Kapour chawl, P.M. Road, Kholwadi,
Santacruz (W), Mumbai - 400054

Dates of Internship: From 10/12/2022 To 31/12/2022

Please evaluate your intern by indicating the frequency with which you observed the following behaviors:

Parameters	Needs improvement	Satisfactory	Good	Excellent
Behaviors			✓	
Performs in a dependable manner			✓	
Cooperates with co-workers and supervisors			✓	
Shows interest in work			✓	
Learns quickly				✓
Shows initiative				✓
Produces high quality work			✓	
Accepts responsibility			✓	
Accepts criticism			✓	
Demonstrates organizational skills			✓	
Uses technical knowledge and expertise				✓
Shows good judgment				✓
Demonstrates creativity/originality			✓	
Analyzes problems effectively			✓	
Is self-reliant			✓	
Communicates well			✓	
Writes effectively			✓	
Has a professional attitude			✓	
Gives a professional appearance			✓	
Is punctual			✓	
Uses time effectively			✓	

Overall performance of student intern (circle one):

(Needs improvement/ Satisfactory/ Good / Excellent)

Additional comments, if any:

Signature of Industry supervisor



Signature of HR Manager with Company Seal



JAY BRAHMANI
Santacruz (W) Chawl, Bhagat Singh Road,
Kholwadi, Santacruz (W), Mumbai - 400054

SUPERVISOR EVALUATION OF INTERN

Student Name Manasvi Varfat Date 18/01/2022

Work Supervisor: _____ Title: _____

Company/Organization: Jay Brahman

Internship Address: 2nd Kapoor Chawl, P.M. Road, Khotwadi,

Santa Cruz (W), Mumbai - 400 054

Dates of Internship: From 10/12/2021 To 31/12/22

Please evaluate your intern by indicating the frequency with which you observed the following behaviors:

Parameters	Needs improvement	Satisfactory	Good	Excellent
Behaviors			✓	
Performs in a dependable manner			✓	
Cooperates with co-workers and supervisors			✓	
Shows interest in work			✓	
Learns quickly				✓
Shows initiative				✓
Produces high quality work			✓	
Accepts responsibility			✓	
Accepts criticism			✓	
Demonstrates organizational skills			✓	
Uses technical knowledge and expertise				✓
Shows good judgment				✓
Demonstrates creativity/originality			✓	
Analyzes problems effectively			✓	
Is self-reliant			✓	
Communicates well			✓	
Writes effectively			✓	
Has a professional attitude			✓	
Gives a professional appearance			✓	
Is punctual			✓	
Uses time effectively			✓	

Overall performance of student intern (circle one):

(Needs improvement/ Satisfactory/ _____ Good/ _____ Excellent)

Additional comments, if any:

Signature of Industry supervisor

Manasvi

Signature of HR Manager with Company Seal

Manasvi

Sopariwala Chawl, Bhagal Singh Road,
Khotwadi, Santa Cruz (W), Mumbai-400 054

For Future India

CONTACT NO. : +91 7738189871 EMAIL ID : forfutureindiaofficial@gmail.com WEBSITE : www.forfutureindia.org

Date: 10th Apr. 2023

To,
Mr. Samarth Nilesh Mane.
C/111, New Jain Darshan Co. Op. Housing Society,
Cabin Road, Near Blossam High School, Narmada Nagar,
Bhayandar East, Mira Bhayandar, Thane 401105

Sub. :- Experience Letter for Internship

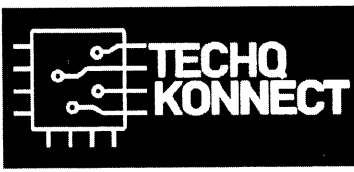
This letter is to certify that Mr. Samarth Nilesh Mane has successfully completed his internship program of 4 month. His internship tenure was from 10th Dec. 2022 to 10th Apr. 2023. He was working with 'Administration Work' and was actively & diligently involved in the projects and tasks assigned to him.

During the span, we found him punctual and hardworking person. His learning powers are good and he picks up swiftly. His feedback and evaluation proved that he learned keenly. Moreover, his interpersonal and communication skills are brilliant.

We wish him a bright future.

Yours sincerely,
'For Future India'


Mr. Siddesh Kamble
Secretary
For Future India



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL236

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that IIf Amirali Dhuka, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 12 December 2022 to 31 December 2022 at Techq Konnect Technologies Private Limited.

During the internship she worked on Predictive Maintenance of Motor project(s).

She demonstrated good skills with an attitude to learn new things. We wish her all the very best for her career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL239

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Maiyani Ami Dharmeshbhai, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 12 December 2022 to 31 December 2022 at Techq Konnect Technologies Private Limited.

During the internship she worked on Osteoporotic Fracture Analysis using ML & Predictive Maintenance of Motor project(s).

She demonstrated good skills with an attitude to learn new things. We wish her all the very best for her career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL230

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Vedant Shashikant Ghadigaonkar, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 12 December 2022 to 31 December 2022 at Techq Konnect Technologies Private Limited.

During the internship he worked on Predictive Maintenance of Motor project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



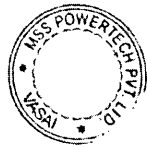
MSS POWERTECH PRIVATE LIMITED

Address : Gala No.111,Dewan 06, Near Vasai Station, Navghar Vasai (East) – 401208.

This is to certify that Mihir Patil, student of Vidyavardhinis College of Engineering & Technology, Vasai has successfully completed internship from 12/12/2022 to 2/1/2023 at MSS Powertech private limited.

During the internship he worked as Web developer for Website management.

He demonstrated good skills with an attitude of learning new things. We wish him all the best for future endeavors.



Mr.Amit Manjrekar, Director

MSS Powertech, Mumbai.



MSS POWERTECH PRIVATE LIMITED

Address : Gala No.111,Dewan 06, Near Vasai Station, Navghar Vasai (East) – 401208.

This is to certify that Prathamesh Pawar, student of Vidyavardhinis College of Engineering & Technology, Vasai has successfully completed internship from 12/12/2022 to 2/1/2023 at MSS Powertech private limited.

During the internship he worked as Web developer for Website management.

He demonstrated good skills with an attitude of learning new things. We wish him all the best for future endeavors.



Mr.Amit Manjrekar, Director

MSS Powertech, Mumbai.



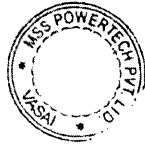
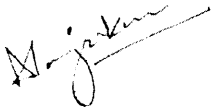
MSS POWERTECH PRIVATE LIMITED

Address : Gala No.111,Dewan 06, Near Vasai Station, Navghar Vasai (East) – 401208.

This is to certify that Shreenand Pandhere, student of Vidyavardhinis College of Engineering & Technology, Vasai has successfully completed internship from 12/12/2022 to 2/1/2023 at MSS Powertech private limited.

During the internship she worked as Web developer for Website management.

He demonstrated good skills with an attitude of learning new things. We wish him all the best for future endeavors.



Mr.Amit Manjrekar, Director

MSS Powertech, Mumbai.



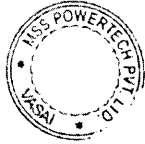
MSS POWERTECH PRIVATE LIMITED

Address : Gala No.111,Dewan 06, Near Vasai Station, Navghar Vasai (East) – 401208.

This is to certify that Chikitsa Nijai, student of Vidyavardhinis College of Engineering & Technology, Vasai has successfully completed internship from 12/12/2022 to 2/1/2023 at MSS Powertech private limited.

During the internship she worked as Web developer for Website management.

She demonstrated good skills with an attitude of learning new things. We wish her all the best for future endeavors.



Mr.Amit Manjrekar, Director
MSS Powertech, Mumbai.



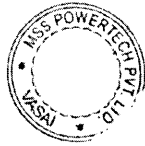
MSS POWERTECH PRIVATE LIMITED

Address : Gala No.111,Dewan 06, Near Vasai Station, Navghar Vasai (East) –
401208.

This is to certify that Purva Nikam, student of Vidyavardhinis College of Engineering & Technology, Vasai has successfully completed internship from 12/12/2022 to 2/1/2023 at MSS Powertech private limited.

During the internship she worked as Web developer for Website management.

She demonstrated good skills with an attitude of learning new things. We wish her all the best for future endeavors.



Mr. Amit Manjrekar, Director
MSS Powertech, Mumbai.



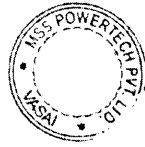
MSS POWERTECH PRIVATE LIMITED

Address : Gala No.111,Dewan 06, Near Vasai Station, Navghar Vasai (East) – 401208.

This is to certify that Shruti Rogye, student of Vidyavardhinis College of Engineering & Technology, Vasai has successfully completed internship from 12/12/2022 to 2/1/2023 at MSS Powertech private limited.

During the internship she worked as Web developer for Website management.

She demonstrated good skills with an attitude of learning new things. We wish her all the best for future endeavors.



Mr.Amit Manjrekar, Director

MSS Powertech, Mumbai.

15th January 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that, Ms. Tanvi Patil student at Vidyavardhini's College of Engineering and Technology Mumbai has undergone Internship Programme with Adani Electricity Mumbai Limited, Mumbai from 15th December 2021 to 8th January 2022 under Mumbai Distribution Business of Adani Electricity Mumbai Limited (AEML).

She has successfully completed his projects on 'Cybersecurity Reconnaissance and Footprinting under the guidance of Mr. Salil Singh (IT Department)

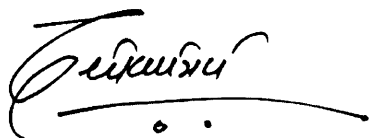
We appreciate all her efforts in making this project more insightful & closer to the actual realities of the Organisation.

We wish her all the best.

Thanking You.

Yours Faithfully,

For Adani Electricity Mumbai Limited,



Head Learning & Organisational Development

Adani Electricity Mumbai Ltd
(Formerly Reliance Electric Generation & Supply Ltd)
CTS 407/A (New), 408 Old Village
Eksar Devidas Lane, Off SVP Road, Borivali (W)
Mumbai 400 103, Maharashtra, India
CIN: U74999GJ2008PLC107256

Tel +91 22 3009 9999
Fax +91 22 3009 8852
info.mumbaielectricity@adani.com
www.adanielectricity.com

Registered Office: Adani House, 56, Shrimali Society, Nr. Mithakhali Six Roads, Navrangpura, Ahmedabad, Gujarat 380009, India.



**VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY**

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra


CERTIFICATE OF COMPLETION

This is to certify that

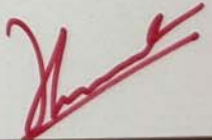
Dikshant Buwa

has successfully completed **Two Weeks Internship on
Data Science**

from 20th June, 2022 to 1st July, 2022. Organized by
Vidyavardhini's College of Engineering and Technology


Mr. Anand Sankhe

Executive Engineer (A/C), IT, MMRDA


Dr. Harish Vankudre

Principal, VCET



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist - Palghar, Maharashtra

CERTIFICATE OF COMPLETION

This is to certify that

Prajjwal Vishwakarma

has successfully completed **Two Weeks Internship** on

Data Science

from 20th June, 2022 to 1st July, 2022. Organized by
Vidyavardhini's College of Engineering and Technology

Mr. Anand Sankhe

Executive Engineer (A/C), IT, MMRDA

Dr. Harish Vankudre

Principal, VCET



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist - Palghar, Maharashtra

CERTIFICATE OF COMPLETION

This is to certify that

Aditya Joshi

has successfully completed **Two Weeks Internship** on
Data Science

from 20th June, 2022 to 1st July, 2022. Organized by
Vidyavardhini's College of Engineering and Technology

Mr. Anand Sankhe

Executive Engineer (A/C), IT, MMRDA

Dr. Harish Vankudre

Principal, VCET



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist - Palghar, Maharashtra

77

CERTIFICATE OF COMPLETION

This is to certify that

Prathmesh Eknath Thakare

has successfully completed **Two Weeks Internship** on

Data Science

from 20th June, 2022 to 1st July, 2022. Organized by
Vidyavardhini's College of Engineering and Technology

Mr. Anand Sankhe

Executive Engineer (A/C), IT, MMRDA

Dr. Harish Vankudre

Principal, VCET



**VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY**

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra

CERTIFICATE OF COMPLETION

This is to certify that

Yash Sankhe

has successfully completed **Two Weeks Internship** on

Data Science

from 20th June, 2022 to 1st July, 2022. Organized by
Vidyavardhini's College of Engineering and Technology



Mr. Anand Sankhe

Executive Engineer (A/C), IT, MMRDA



Dr. Harish Vankudre

Principal, VCET



**VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY**

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra

CERTIFICATE OF COMPLETION

This is to certify that

Harijan Ritik

has successfully completed **Two Weeks Internship** on
Data Science

from 20th June, 2022 to 1st July, 2022. Organized by
Vidyavardhini's College of Engineering and Technology



Mr. Anand Sankhe

Executive Engineer (A/C), IT, MMRDA



Dr. Harish Vankudre

Principal, VCET



Email ID-staticeducare@gmail.com

Contact - 9969312885/7021390311/7021583015

Date: 09/06/2023

TO WHOM IT MAY CONCERN

We are happy to let you know that **Mr. Paritosh Khanwe** successfully finished his internship at Static.Int Educare from 9th April 2023 to 9th June 2023.

He has worked with us as on technologies like Android App Development and worked as a Android app developer during his internship. He completed a number of the assignments that were given to him when he was an intern.

He was honest, diligent, proficient technically, and focused on getting things done. He was a good team player when he was in charge. 100% of the work was completed, taking the assignment into consideration.

We would want to thank him and wish him the best of luck in all of his future endeavors.

With Best Wishes,
Static.Int Educare



(Stamp)

(Krutik Shah)
CMO,Static.Int



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra

CERTIFICATE OF COMPLETION

This is to certify that

Paritosh Moreshwar Khanwe

has successfully completed **Two Weeks Internship** on

Data Science

from 20th June, 2022 to 1st July, 2022. Organized by
Vidyavardhini's College of Engineering and Technology

Mr. Anand Sanke

Executive Engineer (A/C), IT, MMRDA

Dr. Harish Vankudre

Principal, VCET



Email ID-staticeducare@gmail.com

Contact - 9969312885/7021390311/7021583015

Date: 09/06/2023

TO WHOM IT MAY CONCERN

We are happy to let you know that **Ms. Samrudhi Mhatre** successfully finished her internship at Static.Int Educare from 9th April 2023 to 9th June 2023.

She has worked with us as on technologies like Android App Development and worked as a Android app developer during her internship. She completed a number of the assignments that were given to her when she was an intern.

She was honest, diligent, proficient technically, and focused on getting things done. She was a good team player when she was in charge. 100% of the work was completed, taking the assignment into consideration.

We would want to thank her and wish her the best of luck in all of her future endeavors.

With Best Wishes,
Static.Int Educare



(Stamp)

K. J. Shah

(Krutik Shah)
CMO,Static.Int



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist - Palghar, Maharashtra

81

CERTIFICATE OF COMPLETION

This is to certify that

Samrudhi Mhatre

has successfully completed **Two Weeks Internship** on
Data Science

from 20th June, 2022 to 1st July, 2022. Organized by
Vidyavardhini's College of Engineering and Technology

Mr. Anand Sankhe

Executive Engineer (A/C), IT, MMRDA

Dr. Harish Vankudre

Principal, VCET



**VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY**

K. T. Marg, Vasat Road (West), Dist - Palghar, Maharashtra

CERTIFICATE OF COMPLETION

This is to certify that

Preet Raut

has successfully completed **Two Weeks Internship** on
Data Science

from 20th June, 2022 to 1st July, 2022. Organized by
Vidyavardhini's College of Engineering and Technology

Mr. Anand Sakhke

Executive Engineer (A/C), IT, MMRDA

Dr. Harish Vankudre

Principal, VCET



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Sakshi Dagur

**Has successfully completed Two Weeks Internship in
Web Development**

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute Interaction Cell of
Vidyavardhini's College of Engineering and Technology in Association with Rigel Infotech

Prof. Prafulla Patil
IIG Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Mr. Ahmed S. Shaikh
Founder,
Rigel Infotech

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra

CERTIFICATE OF COMPLETION

This is to certify that

Sakshi Dagur

has successfully completed **Two Weeks Internship** on
Data Science

from 20th June, 2022 to 1st July, 2022. Organized by
Vidyavardhini's College of Engineering and Technology

Mr. Anand Sankhe

Executive Engineer (A/C), IT, MMRDA

Dr. Harish Vankudre

Principal, VCET



**VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY**

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra

CERTIFICATE OF COMPLETION

This is to certify that

Gautham Kuckian

has successfully completed **Two Weeks Internship** on
Data Science

from 20th June, 2022 to 1st July, 2022. Organized by
Vidyavardhini's College of Engineering and Technology

Mr. Anand Sankhe

Executive Engineer (A/C), IT, MMRDA

Dr. Harish Vankudre

Principal, VCET



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND
TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra

CERTIFICATE OF COMPLETION

This is to certify that

Dipanshu Vartak

has successfully completed **Two Weeks Internship** on

Data Science

from 20th June, 2022 to 1st July, 2022. Organized by
Vidyavardhini's College of Engineering and Technology

Mr. Anand Sankhe

Executive Engineer (A/C), IT, MMRDA

Dr. Harish Vankudre

Principal, VCET



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Nikhilesh Waghmare

Has successfully completed **10 Days (Two Weeks) Internship** on

Application development using Fire Bird V Robot

from 12th December 2022 to 23rd December, 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering and Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Megha Trivedi
Co-ordinator E-Yantra
Robotics Lab

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal

FIRECLASH ENTERPRISES

Internship Certificate

Reference no. : FC2023DVI219A65

This is to certify that **Ms. Vaishnavi Saindane** has successfully completed the internship for Fireclash Enterprises from 16th January 2023 to 15th February 2023. She specially worked on Web development project.

Throughout the journey, we found her a great learner, dedicated and hard working to her work.

We wish her all the best in her future endeavour.

Amulya Ratan Makhani

Amulya R M
FIRECLASH ENTERPRISES PVT LTD.



Inspiring and empowering
future professionals

Sanskruti Nijai

Data Analytics and Visualization Virtual Experience

Certificate of Completion

June 29th, 2023

Over the period of June 2023, Sanskruti Nijai has completed practical tasks in:

Project Understanding
Data Cleaning & Modeling
Data Visualization & Storytelling
Present to the Client

Caroline Dudley
Managing Director
North America
Recruiting

Tom Brunskill
CEO, Co-Founder of
Forage



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Sonali Niketan Bhiwandkar

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



53
VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



TECHCRYPTORS
Empowering Technology for All

CERTIFICATE OF COMPLETION

This is to certify that

Ramchandra Darade

Has successfully completed **Two Weeks Internship in
Data Science**

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Sachi Atmaram Godbole

Has successfully completed **Two Weeks Internship in**
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



TECH CRYPTORS

CERTIFICATE OF COMPLETION

This is to certify that

Hrudaya Tushar Kini

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist. - Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Manas Parab

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Niyati Rajendra Patil

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology
Association with Tech Cryptors.

Prof. Prafulla Patil
IIIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist. - Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Aayush Sanjay Jha

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Sahil Gulzari Gujral

**Has successfully completed Two Weeks Internship in
Web Development**

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute Interaction Cell of
Vidyavardhini's College of Engineering and Technology in Association with Rigel Infotech.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Mr. Ahmed S. Shaikh
Founder,
Rigel Infotech

Dr. Harish Vankudre
Principal

Vidyavardhini's College Of Engineering & Technology, Vasai rd.
Department of Computer Science and Engineering(Data Science)
Academic Year 2022-23
Mini project 1A
SE CSE(DS) / Sem-III

Group No.	Member of Group	Student Mail-id	Guide	Topic
1	Vinayak Deore	vinayak.212558104@gmail.com	Sumeet Shingi	Vcet LinkedIn
	Purvisha Jetani	purvisha.212658201@vcet.edu.in		
	Omkar Shelke	omkar.213018103@vcet.edu.in		
2	Prabhat Kumar	prabhatkumar.212938101@vcet.edu.in	Janisa Pereira	VCET Connect
	Vinaya Tiwari	vinaya.213068201@vcet.edu.in		
	Mukesh Prajapat	mukeshkumar.212918101@vcet.edu.in		
3	Abhishek Dashrath Gurav	abhishek.212618105@vcet.edu.in	Carmelita Dabre	Credit Card fraud detection
	Aarya Hemant Naik	aarya.212758112@vcet.edu.in		
	Rohit Balu Pagare	rohit.212798102@vcet.edu.in		
4	Ameya Prakash Modak	ameya.212748112@vcet.edu.in	Sumeet Shingi	QR code based secure billing system
	Saideep Prakash Manve	saideep.212728101@vcet.edu.in		
	Arun Prajapati	arun.212928101@vcet.edu.in		
5	Sairaj Varavdekar	sairaj.213098102@vcet.edu.in	Carmelita Dabre	Virtual mouse (AI)
	Nisha Jha	nisha.212668212@vcet.edu.in		
	Manas Chaubal	manas.212528101@vcet.edu.in		
6	Shivam Tushar Patil	shivam.212898101@vcet.edu.in	Janisa Pereira	Secret Messaging app
	Shruti Milind Jadhav	shruti.212648201@vcet.edu.in		
	Anand Valliappan	anand.213088101@vcet.edu.in		
7	Asheesh Yadav	asheesh.213148101@vcet.edu.in	Carmelita Dabre	All Ears
	Shivansh Tripathi	shivansh.213078101@vcet.edu.in		
	Abhishek Gupta	abhishek.212598101@vcet.edu.in		
8	Rohan patil	rohan.212868105@vcet.edu.in	Sumeet Shingi	Voice based Email
	Sakshant patil	sakshant.212878102@vcet.edu.in		
	Saurabh Patil	saurabh.212888112@vcet.edu.in		
9	Durvesh Kajrekar	durvesh.212678101@vcet.edu.in	Janisa Pereira	Morse Keyboard
	Ami Maiyani	ami.212718201@vcet.edu.in		
	Nitesh Patil	nitesh.212858105@vcet.edu.in		
10	Vedant Ghadigaonkar	vedant.212588101@vcet.edu.in	Sumeet Shingi	Automated Reservation System
	Ilf Dhuka	ilf.212568201@vcet.edu.in		
	Mukesh Billa	mukesh.212508109@vcet.edu.in		
11	Mohammad Aaquil Kudai	aaquil.212688112@vcet.edu.in	Carmelita Dabre	Board Signs with Navigation System
	Suvith Shetty	suvith.213028101@vcet.edu.in		
	Divyal Patil	divyal.212838208@vcet.edu.in		
12	Mohammad Sahil Hawaii	sahil.212628101@vcet.edu.in	Sumeet Shingi	App for coaching center
	Laxman Pradip Sawant	laxman.213008101@vcet.edu.in		
	Viraj Vijay Wadke	viraj.213138101@vcet.edu.in		
13	Harshad Bhamare	harshad.212488105@vcet.edu.in	Janisa Pereira	Duplicate file detector
	Tushar Gawali	tushar.212578102@vcet.edu.in		
	Mrigayan Ray	mrigayan.212958101@vcet.edu.in		
14	Aryan Verma	aryan.213128101@vcet.edu.in	Sumeet Shingi	Crime Rate Prediction
	Chikitsa Nijai	chikitsa.212778209@vcet.edu.in		
	Purva Nikam	purva.212788201@vcet.edu.in		
15	Shruti Rogye	shruti.212968201@vcet.edu.in	Janisa Pereira	Disease Detection in Potato Plant
	Puja Chafekar	puja.212518202@vcet.edu.in		
	Sanika Tamore	sanika.213048201@vcet.edu.in		
16	Jayesh Arjun	jayesh.212478107@vcet.edu.in	Sumeet Shingi	IOT Healthcare
	Manaswi Vartak	manaswi.213108205@vcet.edu.in		
	Dhanashree Thakur	dhanashree.213058205@vcet.edu.in		
17	Sarthika Takale	sarthika.213038207@vcet.edu.in	Carmelita Dabre	Buying and selling of second hand product
	Prachi Nibe	prachi.212768201@vcet.edu.in		
	Kashish Dalvi	kashish.212548205@vcet.edu.in		
18	Nidhi Pandey	nidhi.212818211@vcet.edu.in	Sumeet Shingi	VCET Zeal Committee App
	Ayush Churi	ayush.212538101@vcet.edu.in		
	Bhavisha Bhoir	bhavisha.212498202@vcet.edu.in		
19	Nupur Lalit Vartak	nupur.213118205@vcet.edu.in	Carmelita Dabre	Online Auction System
	Saurabh Pandey	saurabh.212828111@vcet.edu.in		
	Mihir Patil	mihir.212848105@vcet.edu.in		
	Sumit Mewada	sumit.212738101@vcet.edu.in		

20	Piyush Sahani	piyush.212978101@vcet.edu.in	Carmelita Dabre	Helmet Detection and Number Plate Recognition
	Niharika Sahu	niharika.212988201@vcet.edu.in		
	Harish Sargar	harish.212998107 @vcet.edu.in		
21	Manav Lade	manav.212698101@vcet.edu.in	Janisa Pereira	All in one reservation
	Shreenand Pandere	shreenand.212808106@vcet.edu.in		
	Prathamesh Pawar	prathamesh.212908101@vcet.edu.in		
22	Adarsh Gupta	adarsh.212608101@vcet.edu.in	Sumeet Shingi	Arduino payment sound box
	Sachin Jadhav	sachin.212638112@vcet.edu.in		
	Nikhil Mahadik	nikhil.212708111@vcet.edu.in		
23	Ramchandra Gawade	sajid.s221436101@vcet.edu.in	Sumeet Shingi	Drunk DriverDetection using Embedded System
	Ramchandra Dharade	ramchandra.s221416109@vcet.edu.in		
	Sajid Kasari	ramchandra.s221406206@vcet.edu.in		




Dr. Vikas Gupta
HOD, CSE(DS)

Vidyavardhini's College Of Engineering & Technology, Vasai rd.
Department of Computer Science and Engineering(Data Science)
Academic Year 2022-23
Mini project 1B
SE CSE(DS) / Sem-IV

Group No.	Roll No.	Name of Students	Project Title	Guide
1	9	Vinayak Deore	Speech emotion recognition	Prof.Sumeet Shingi
	19	Purvisha Jetani		
	55	Omkar Shelke		
2	45	Mukesh Prajapat	Hyperlocal ecommerce platform	Prof. Janisa Pereira
	47	Prabhat Rahi		
	60	Vinaya Tiwari		
	20	Nisha Jha		
3	63	Sairaj varavdekar	Qualitative analysis for sound processing	Prof. Yogesh pingle
	77	Shravani vartak		
	69	Sonali bhiwandkar		
	70	Fabiya chhapra		
4	6	Manas Chaubal	Conversion of Excel Files To MIS Reports - Part 1	Prof. Yogesh Pingle
	25	Ami Mayani		
	21	Durvesh Kajrekar		
	39	Nitesh Patil		
5	22	Aaquil Kudai	Traffic sign recognition	Prof. Carmelita
	37	Divyal Patil		
	56	Suvith Shetty		
	16	Sahil Hawai		
6	18	Shruti Jadhav	Exam Analysis	Prof. Janisa Pereira
	43	Shivam Patil		
	30	NIBE PRACHI S.		
	62	Anand Valliappan		
7	2	Harshal Bhamare	Video Based File Encryption	Prof. Sumeet Shingi
	49	Mrigayan Ray		
	11	Tushar Gawali		
	66	Aryan Verma		
8	40	Rohan Patil	Voice Based E-mail	Prof. Janisa Pereira
	41	Sakshant Patil		
	42	Saurabh Patil		
9	23	Manav Lade	MSS Powertech	Prof. Janisa Pereira
	61	Shivansh Tripathi		
	44	Prathamesh Pawar		
	34	Shreenand Pandere		
10	12	Vedant Ghadigaonkar	Face Detection & word detection using ML	Prof. Yogesh Pingle
	10	Ilf Dhuka		
	7	Ayush Churi		

11	48	Hardik Raut	Sign language recognition system	Prof. Sumeet Shingi
	54	Laxman Sawant		
	67	Viraj Wadke		
12	51	Piyush Sahani	Helmet detection and Number plate recognition	Prof. Carmelita Dabre
	52	Niharika Sahu		
	3	Bhavisha Bhoir		
	53	Harish Sargar		
13	65	Nupur Vartak	Online Emotion detection using facial expression	Prof. Yogesh Pingle
	57	Sarthika Takale		
	59	Dhanashree Thakur		
	64	Manaswi Vartak		
14	15	Abhishek Gurav	Sells prediction using time series.	Prof. Sumeet Shingi
	29	Aarya Naik		
	33	Rohit Pagare		
	26	Saideep Manve		
15	31	Chikitsa Nijai	Conversion of Exam Result pdf file into Proper format (HTML/Excel)	Prof. Janisa Pereira
	32	Purva Nikam		
	50	Shruti Rogye		
	58	Sanika Tamore		
16	5	Puja Chafekar	Conversion of Excel Files To MIS Reports - Part 2	Prof. Yogesh Pingle
	35	Nidhi Pandey		
	8	Kashish dalvi		
	1	Jayesh Arjun		
17	46	Arun Prajapati	Conversion & Character recognition of Text	Prof. Janisa Pereira
	68	Asheesh Yadav		
	13	Abhishek Gupta		
18	28	Ameya Modak	Online Home Rental System	Prof. Sumeet Shingi
	24	Nikhil Mahadik		
	17	Sachin Jadhav		
	14	Adarsh Gupta		
19	27	Sumit Mewada	ONLINE AUCTION SYSTEM	Prof. Carmelita dabre
	36	Saurabh Pandey		
	38	Mihir Patil		
20	71	Darade Ramchandra	AI Integration in Telegram Bot	Prof. Carmelita dabre
	72	Gawade Ramachadra		
	73	Sachi Godbole		
21	74	Sajid Kasari	Lane & Object detection	Prof. Carmelita dabre
	75	Hrudaya Kini		
	4	BILLA MUKESH M.		
	76	Harsh Tamore		


Dr. Vikas Gupta
HOD, CSE (DS)

Vidyavardhini's College of Engineering & Technology KT Marg, Vasai Road West
Department of Computer Science and Engineering (Data Science)
T.E. Mini Project 2A (Odd Sem)
Academic Year: 2022-2023

Sr. No	Group No	Student Name	Roll No.	Selected Topic	Guide Allotted
1	1	Jayesh Berde	2	Inventory Control System	Mrs. Maya Varghese
2		Karan Choudhary	7		
3		Shubham warik	66		
4	2	Bhavik maru	31	Object Detection Model	Mrs. Krunali Vartak
5		Dhruv patel	75		
6		Dipti sharnagat	55		
7	3	Hritik Pathak	43	Music recommendation system for therapy	Mr. Yogesh Pingle
8		Rameshwar pawar	47		
9		Harijan Ritik	17		
10	4	Prathamesh Shinde	57	Audio/text to sign language converter	Mrs. Maya Varghese
11		Manav Kawale	27		
12		Dinesh Madhav	29		
13	5	Aman S Mishra	35	IOT Traffic Signal Monitoring and controlling System	Mr. Yogesh Pingle
14		Jignesh Gurav	16		
15		Jayesh ingale	18		
16	6	Vrushti Sanghavi	52	Temperature control using PID controller	Dr. Vikas Gupta
17		Janvi Chavan	6		
18		Siddhi Jangam	22		
19	7	Prathmesh Thakare	61	WhatsApp Text Analyzer	Mrs. Maya Varghese
20		Dipanshu Vartak	62		
21		Preet Raut	51		
22	8	Harshkumar Devmurari	10	Self driving car (Autopilot)	Mrs. Krunali Vartak
23		Prajwal Vishwakarma	63		
24		Gautham Kuckian	29		
25	9	Faizan Raiba	49	On-Demand Hyperlocal Market platform	Mrs. Maya Varghese
26		Kunal Sharma	54		
27		Shubhankar Bhattacharya	3		
28	10	Agharia Abbasali	1	Plant diseases detection system	Mrs. Krunali Vartak
29		Jadhav Mayank	20		
30		Yash Sankhe	53		
31	11	Dikshant Buwa	4	Emotion analysis of music	Mr. Yogesh Pingle
32		Sahil Gujral	16		
33		Jidnyasa Patil	44		
34	12	Karan Naik	36	Geological Location Analysis	Mrs. Krunali Vartak
35		Mrunmayee Naik	37		
36		Shreya Suvarna	60		
37	13	Nikhilesh	63	German club management system	Mr. Yogesh Pingle
38		Arshdeep Singh	33		
39		Urvashi Patel	41		
40	14	Manas Parab	40	WebApp for Maintaining Seminar and Workshops	Mrs. Maya Varghese
41		Pritesh Dhumal	11		
42		Vishal Phatkare	48		
43	15	Rohan Pisal	49	Gym Management System	Mrs. Krunali Vartak
44		Yash Chand	5		
45		Aayush Jha	23		
46	16	Devang Mate	33	Classification and analysis of music from the perspective of the music therapy	Mr. Yogesh Pingle
47		Tejas wani	65		
48		Aditya Joshi	25		
49		Omkar Nandgaonkar	39		

50		Samarth Nilesh Mane	30		
51		Janhavi Janardan Desale	8		
52	17	Prinshi Jha	23	Smart Street light IR	Mrs. Maya Varghese
53		Naman Mehta	35		
54		Deven Kalathiya	27		
55	18	Kaustubh Gawade	13	Physical to Digital Chessboard	Mrs. Maya Varghese
56		Sakshi Dagur	58		
57		Sanskriti Nijai	39		
58	19	Niyati Patil	44	School Bus Tracking System	Mrs. Maya Varghese
59		Samrudhi Mhatre	73		
60		Paritosh Khanwe	74	Personalized Music Recommendation System	
61	20	Soham Dey	10		Mrs. Krunali Vartak
62		Pratham Borghare	70		
63		Vedantika Ghorpade	14		
64	21	Tanvi Patil	45	Disease prediction system	Mr. Yogesh Pingle
65		Khushali	25		
66		Kirtika Iyer	19	Music recommendation system using therapy	
67	22	Vedant	13		Mr. Yogesh Pingle
68		Chirag thanth	50		
69		Abhay Shukla	57		
70		Dhanesh Yadav	67		
71	23	Arpit Sutariya	59	Home Automation	Mrs. Krunali Vartak
72		Akash Adarkar	68		
73		Chetana Manjarekar	72		
74		Vaishnavi Saindane	76		
75	24	Nimish Vartak	77	Crime Reporting web app	Mrs. Krunali Vartak



Dr. Vikas Gupta
HOD, CSE(DS)

Vidyavardhini's College of Engineering & Technology ,KT Marg, Vasai Road West
Department of Computer Science and Engineering (Data Science)
T.E. Mini Project 2B
Academic Year: 2022-2023

Sr. No	Group No	Student Name	Roll No.	Selected Topic	Guide Allotted
1	1	Jayesh Berde	2	Inventory Control System	Mrs. Maya Varghese
2		Karan Choudhary	7		
3		Shubham warik	66		
4	2	Bhavik maru	31	Object Detection Model	Mrs. Krunali Vartak
5		Dhruv patel	73		
6		Dipti sharnagat	55		
7	3	Hritik Pathak	42	Music recommendation system for therapy	Mr. Yogesh Pingle
8		Rameshwar pawar	46		
9		Harijan Ritik	17		
10	4	Prathamesh Shinde	56	Audio/text to sign language converter	Mrs. Maya Varghese
11		Manav Kawale	27		
12		Dinesh Madhav	29		
13	5	Aman S Mishra	35	IOT Traffic Signal Monitoring and controlling System	Dr. Vikas Gupta
14		Jignesh Gurav	16		
15		Jayesh ingale	18		
16	6	Vrushti Sanghavi	52	Temperature control using PID controller	Dr. Vikas Gupta
17		Janvi Chavan	6		
18		Siddhi Jangam	21		
19	7	Prathmesh Thakare	61	WhatsApp Text Analyzer	Mrs. Maya Varghese
20		Dipanshu Vartak	62		
21		Preet Raut	51		
22	8	Harshkumar Devmurari	9	Self driving car (Autopilot)	Mrs. Krunali Vartak
23		Prajwal Vishwakarma	63		
24		Gautham Kuckian	28		
25	9	Faizan Raiba	49	On-Demand Hyperlocal Market platform	Mrs. Maya Varghese
26		Kunal Sharma	54		
27		Shubhankar Bhattacharya	3		
28	10	Agharia Abbasali	1	Plant diseases detection system	Mrs. Krunali Vartak
29		Jadhav Mayank	20		
30		Yash Sankhe	53		
31	11	Dikshant Buwa	4	Emotion analysis of music	Mr. Yogesh Pingle
32		Sahil Gujral	15		
33		Jidnyasa Patil	43		
34	12	Karan Naik	36	Geological Location Analysis	Mrs. Krunali Vartak
35		Mrunmayee Naik	37		
36		Shreya Suvarna	60		
37	13	Nikhilesh	64	German club management system	Ms. Komal Champanekar
38		Arshdeep Singh	33		
39		Urvashi Patel	41		
40	14	Manas Parab	40	WebApp for Maintaining Seminar and Workshops	Ms. Komal Champanekar
41		Pritesh Dhumal	11		
42		Vishal Phatkare	47		
43	15	Rohan Pisal	48	Gym Management System	Mrs. Krunali Vartak
44		Yash Chand	5		
45		Aayush Jha	22		
46	16	Devang Mate	32	Classification and analysis of music from the perspective of the music therapy	Mr. Yogesh Pingle
47		Tejas wani	65		
48		Aditya Joshi	24		
49		Omkar Nandgaonkar	38		

50		Samarth Nilesh Mane	30		
51		Janhavi Janardan Desale	8		
52	17	Prinshi Jha	23	Smart Street light IR	Mrs. Maya Varghese
53		Naman Mehta	34		
54		Deven Kalathiya	26		
55	18	Kaustubh Gawade	12	Physical to Digital Chessboard	Mrs. Maya Varghese
56		Sakshi Dagur	58		
57		Sanskriti Nijai	39		
58	19	Niyati Patil	44	School Bus Tracking System	Mrs. Maya Varghese
59		Samrudhi Mhatre	71		
60		Paritosh Khanwe	72	Personalized Music Recommendation System	
61	20	Soham Dey	10		Mrs. Krunali Vartak
62		Pratham Borghare	69		
63		Vedantika Ghorpade	14		
64	21	Tanvi Patil	45	Disease prediction system	Ms. Komal Champanekar
65		Khushali	25		
66		Kirtika Iyer	19	Music recommendation system using therapy	Ms. Komal Champanekar
67	22	Vedant	13		
68		Chirag thanth	50		
69		Abhay Shukla	57		
70		Dhanesh Yadav	67		
71	23	Arpit Sutariya	59	Intelligent Gym Trainer	Ms. Komal Champanekar
72		Akash Adarkar	68		
73		Chetana Manjarekar	70		
74		Vaishnavi Saindane	74		
75	24	Nimish Vartak	75	Crime Reporting web app	Mrs. Krunali Vartak



Dr. Vikas Gupta
HOD, CSE(DS)

**Vidyavardhini's College Of Engineering & Technology, Vasai rd.
Department of Computer Science and Engineering(Data Science)**

Academic Year 2022-23

CC course project

TE CSE(DS) / Sem-VI

Sr. No	Group No	Student Name	Roll No.	Topic
1	1	Sanskruiti Hitendra Nijai	39	Train Ticket Booking System
2		Urvashi Nimeshkumar Patel	41	
3		Niyati Rajendra Patil	44	
4		Dipti Rameshwar Sharnagat	55	
5	2	Hritik Deviprasad Pathak	42	Affiliate Gadgets Selling App
6		Rameshwar Sanjay Pawar	46	
7		Rohan Bhikaji Pisal	48	
8		Yash Anil Sankhe	53	
9	3	Soham Bharat Dey	10	Book Store on Cloud
10		Jidnyasa Pandurang Patil	43	
11		Tanvi Prakash Patil	45	
12		Vrushti Yatin Sanghvi	52	
13	4	Faizan Najib Raiba	49	Hosting Fitness Website on Cloudflare
14		Thanth Chirag Rana	50	
15		Kunal Rajendra Sankhe	54	
16		Abhay Devnath Shukla	57	
17	5	Arpit Nileshbhai Sutariya	59	Password Protected Website
18		Prajwal Umesh Vishvakarma	63	
19		Tejas Haresh Wani	65	
20		Dhanesh Subhashchandra Yadav	67	
21	6	Prathamesh Eknath Thakre	61	Hospital Management Website
22		Dipanshu Sunil Vartak	62	
23		Shubham Umesh Warik	66	
24	7	Sakshi Dagur	58	E-commerce Website
25	8	Akash Ashok Adarkar	68	PacMan Game
26		Chetana Vijay Manjarekar	70	
27		Vaishnavi Avinash Saindane	74	
28		Nimish Nitin Vartak	75	
29	9	Shreya Sadashiva Suvarna	60	Algorithm Visualizing using Netlify
30		Nikhilesh Arvind Waghmare	64	
31		Samrudhi Lalit Mhatre	71	
32		Paritosh Moreshwar Khanwe	72	
33	10	Preet Sameeth Raut	51	ToDo list Web Application
34		Vishal Chandrakant Phatkare	47	
35		Manas Umesh Parab	40	
36		Prathamesh Giridhari Shinde	56	

37	11	Abbasali Ahmedhussain Agharia	1	Pet Shop website
38		Dikshant Hemantkumar Buwa	4	
39		Yash Laxman Chand	5	
40		Sahil Gulzari Gujral	15	
41	12	Jayesh Sunil Berde	2	E-commerce Website
42		Karan Chhatraram Choudhary	7	
43		Kaustubh Pradip Gawade	12	
44		Jignesh Vishvas Gurav	16	
45	13	Shubhankar Amar Bhattacharya	3	Hosting Portfolio Site
46		Janvi Ravindra Chavan	6	
47		Janhavi Janardan Desale	8	
48		Vedantika Ghorpade	14	
49		Kritika Srikanth Iyer	19	
50	14	Harshkumar Vinaykumar Devmurari	9	Tourist Website
51		Pritesh Subhash Dhumal	11	
52		Ritik Ghanshyam Harijan	17	
53		Jayesh Rajendra Ingle	18	
54	15	Vedant Avinash Gholap	13	Static Website Deployment on Vercel
55		Khushali Kalpesh Kaku	25	
56	16	Mayank Sunil Jadhav	20	Employee Attendance System
57		Aayush Sanjay Jha	22	
58		Devang Janardan Mate	32	
59		Omkar Gajanan Nandgaonkar	38	
60	17	Manav Mangesh Kawale	27	Pixel Perfect - An Image Editor
61		Dinesh Appa Madhav	29	
62		Samarth Nilesh Mane	30	
63		Bhavik Dharmesh Maru	31	
64	18	Deven Gunvantbhai Kalathiya	26	M- Ticket Booking
65		Gautham Pravin Kuchian	28	
66		Naman Paraskumar Mehta	34	
67		Aman Santosh Mishra	35	
68	19	Karan Madhukar Naik	36	House Price Prediction Website
69		Mrunmayee Subhash Naik	37	
70	20	Siddhi Suresh Jangam	21	Portfolio Site
71		Prinshi Manoj Jha	23	
72		Aditya Mukesh Joshi	24	
73	21	Arshadeep Singh Manmit Matharo	33	German Club Website
74	20	Pratham Pravin Borghare	69	Serverless Chatbot
75		Dhruv Shantilal Patel	73	

Dr. Vikas Gupta
HOD, CSE(DS)

**Vidyavardhini's College Of Engineering & Technology, Vasai rd.
Department of Computer Science and Engineering(Data Science)**

Academic Year 2022-23

CG Lab course project

SE CSE(DS) / Sem-III

Sr. No	Group No	Student Name	Roll No.	Topic
1	1	Jayesh Arjun	1	Moving Car Animation
2		Puja Chafekar	5	
3		Manas Chaubal	6	
4	2	Vinayak Deore	9	Moving Boat
5		Purvisha Jetani	19	
6		Durvesh Kajrekar	21	
7	3	Saideep Manve	26	Laser Demonstration
8		Ameya Modak	28	
9		Rohit Pagare	33	
10		Nikhil mahadik	24	
11	4	Harshal Bhamare	2	Balloon Shooting Game
12		Bhavisha Bhoir	3	
13		Mukesh Billa	4	
14	5	Asheesh Yadav	68	Twinkling Star
15		Suvith Shetty	56	
16		Shivansh Tripathi	61	
17	6	Arun Prajapati	46	Circle Design Animation
18		Aryan Verma	66	
19		Sarthika Takale	57	
20	7	Shruti Rogye	50	Snake Game
21		Sanika Tamore	58	
22		Dhanashree Thakur	59	
23	8	Mukesh Prajapat	45	Moving Bike
24		Prabhat Kumar Rahi	47	
25		Vinaya Tiwari	60	
26	9	Hardik Raut	48	Digital Clock
27		Laxman Sawant	54	
28		Viraj Wadke	67	
29	10	Anand Chettiar	62	Aeroplane Crash
30		Mrigayan Ray	49	
31		Manaswi Vartak	64	
32	11	Piyush Sahani	51	Rain Animation
33		Niharika Sahu	52	
34		Harish Sargar	53	
35	12	Omkar Shelke	65	Moving Train
36		Nupur Vartak	20	
37		Sairaj Varavdekar	63	
38		Nisha Jha	55	

39	13	Kashish Dalvi	8	Clock Animation
40		Sachin Jadhav	17	
41		Shruti Jadhav	18	
42	14	Mohammad Aaquil Kudai	22	Robot Animation
43		Tushar Gawali	11	
44		Sahil Hawaii	16	
45	15	Manav Lade	23	Flying Plane Animation
46		Shreenand Pandere	34	
47		Prathamesh Pawar	44	
48	16	Ami Maiyani	25	Moving Bicycle
49		Chikitsa Nijai	31	
50		Purva Nikam	32	
51	17	Shivam Patil	43	Solar System Animation
52		Sumit Mewada	27	
53		Saurabh Pandey	36	
54	18	Aarya Naik	29	Car Game
55		Nitesh Patil	39	
56		Rohan Patil	40	
57	19	Ayush Churi	7	Parachute
58		Ilf Dhuka	10	
59		Vedant Ghadigaonkar	12	
60	20	Abhishek Gupta	13	Bouncing Ball
61		Adarsh Gupta	14	
62		Abhishek Gurav	15	
63	21	Saurabh Patil	42	Walking Man in Rain with Umbrella
64		Sakshant Patil	41	
65		Mihir Patil	38	
66	22	Prachi Nibe	30	Lorenz Attractor
67		Divyal Patil	37	
68		Nidhi Pandey	35	
69	23	Hrudaya Kini	75	Moving Car
70		Sachi Godbole	73	
71		Harsh Tamore	76	
72		Sajid Kasari	74	
73	24	Sonali Bhiwandkar	69	Moving Object Animation
74		Fabiya Chhapra	70	
75		Shravani Vartak	77	
76	25	Ramchandra Gawade	72	Graphics Calculator
77		Ramchandra Darade	71	



Dr. Vikas Gupta
HOD, CSE(DS)

Vidyavardhini's College Of Engineering & Technology, Vasai rd.
Department of Computer Science and Engineering(Data Science)
Academic Year 2022-23
JAVA - Mini project
SE CSE(DS) / Sem-III Subject In -Charge - Prof. Yogesh Pingle

Group No.	Roll No.	Name of Students	Project Title
1	65	Nupur Vartak	Scientific calculator using java swing
	7	Ayush Churi	
	3	Bhavisha Bhoir	
2	45	Mukesh Prajapat	Random Password Generator
	47	Prabhat Rahi	
	60	Vinaya Tiwari	
3	1	Jayesh Arjun	Quiz app using java
	5	Puja Chafekar	
4	43	Shivam Patil	Secret Messaging App
	18	Shruti Jadhav	
	62	Anand Valliappan	
5	37	Divyal Patil	Currency Converter
	22	Aaquil Kudai	
	56	Suvith Shetty	
	16	Sahil Hawaii	
6	9	Vinayak Deore	Strong Password Generator
	19	Purvisha Jetani	
	55	Omkar Shelke	
7	6	Manas Chaubal	Quiz application in java
8	48	Hardik Raut	Snake Game
	54	Laxman Sawant	
	67	Viraj Wadke	
9	51	Piyush Sahani	Random Password Generator
	52	Niharika Sahu	
	53	Harish Sargar	
10	21	Durvesh Kajrekar	Gym Enrollment sign up page
	25	Ami Mayani	
	39	Nitesh Patil	
11	35	Nidhi Pandey	Number guessing
	30	NIBE PRACHI S.	
	8	Kashish dalvi	
12	23	Manav Lade	Railway Reservation
	34	Shreenand Pandere	
	44	Prathamesh Pawar	
13	58	Sanika Tamore	Web App (Login Form, Sign Up Form)
	59	Dhanashree Thakur	

14	40	Rohan Patil	Tic tac toe
	41	Sakshant Patil	
	42	Saurabh Patil	
15	2	Harshal Bhamare	Duplicate File detector
	11	Tushar Gawali	
	49	Mrigayan Ray	
	66	Aryan Verma	
16	27	Sumit Mewada	Supermarket Billing System
	36	Saurabh Pandey	
	38	Mihir Patil	
17	13	Abhishek Gupta	Java-snake-game
	61	Shivansh Tripathi	
	68	Asheesh Yadav	
18	4	BILLA MUKESH M.	Currency Converter
	10	Ilf Dhuka	
	12	Vedant Ghadigaonkar	
19	26	Saideep Manve	Number Guessing Game
	28	Ameya Modak	
	46	Arun Prajapati	
20	17	Sachin Jadhav	Java messaging Service
	24	Nikhil Mahadik	
21	15	Abhishek Gurav	MP3 PLAYER
	33	Rohit Pagare	
22	75	Shravani Vartak	b-Fit-A cognitive Game
	67	Sonali Bhiwandkar	
	68	Fabiya Chhapra	
23	73	Hrudaya Kini	Face Recognition
	71	Sachi Godbole	
	74	Harsh Tamore	
24	69	Ramchandra B. Darade	Store Billing System
	70	Ranchandra Gawade	
	72	Sajid Kasari	



Dr. Vikas Gupta
HOD, CSE(DS)

Vidyavardhini's College Of Engineering & Technology, Vasai rd.
Department of Computer Science and Engineering(Data Science)
Academic Year 2022-23
PP course project
SE CSE(DS) / Sem-IV

Sr. No	Group No	Student Name	Roll No.	Topic
1	1	Arjun Jayesh Anil	1	Real Time Currency Converter
2		Harshal Shirish Bhamare	2	
3		Abhishek Dashrath Gurav	15	
4	2	Bhavisha Ravindra Bhoir	3	TIC TAC TOE
5		Vinayak Prakash Deore	9	
6		Nikhil Mahadik	24	
7		Purvisha Maheshbhai Jetani	19	
8	3	Mukesh Manohar Billa	4	Password Generator
9		Sachin Dinkar Jadhav	17	
10		Tushar Babasaheb Gawali		
11		Shruti Milind Jadhav	18	
12	4	Manas Mahendra Chaubal	6	MP3 Player
13		Abhishek Suresh Gupta	13	
14		Adarsh Manojkumar Gupta	14	
15	5	Ayush Prashant Churi	7	Password Strength Checker
16		Ilf Amirali Dhuka	10	
17		Vedant Shashikant Ghadigaonkar	12	
18	7	Durvesh Kajrekar	21	Color Detection
19		Ami Maiyani	25	
20		Nitesh Patil	39	
21	8	Manav Lade	23	AI ASSISTANT
22		Aaquil Kudai	22	
23		Mihir Patil	38	
24	9	Saideep Manve	26	Quiz Application
25		Ameya Modak	28	
26		Rohit Pagare	33	
27	10	Saurabh Pandey	36	Music Player
28		Aarya Naik	29	
29		Sumit Mewada	27	
30	11	Prachi Nibe	30	Dino Game
31		Divyal Patil	37	
32		Nidhi Pandey	35	
33	12	Chikitsa Nijai	31	Random Password Generator
34		Purva Nikam	32	
35		Shreenand Pandhere	34	

36	13	Aryan Verma	66	Music Player
37		Ramchandra Darade	71	
38		Ramchandra Gawade	72	
39		Sajid Kasari	74	
40	14	Sonali Bhiwandkar	69	Currency Converter
41		Fabiya Chhapra	70	
42		Manasvi Vartak	64	
43	15	Dhanashree Thakur	59	Connect-4 Game
44		Vinaya Tiwari	60	
45		Nupur Vartak	65	
46	16	Sairaj Varavdekar	63	Hangman Game
47		Viraj Wadke	67	
48		Shravani Vartak	77	
49	17	Shivansh Tripathi	61	Chat Server Room
50		Anand Valliappan	62	
51		Asheesh Yadav	68	
52	18	Saurabh Patil	42	Speech to Text Recognition
53		Shruti Rogye	50	
54		Sanika Tamore	58	
55	19	Piyush Sahani	51	MUSIC RECOMMENDATION
56		Harish Sargar	53	
57		Omkar Shelke	55	
58	20	Rohan Patil	40	YouTube Video Downloader
59		Sakshant Patil	41	
60		Prathamesh Pawar	44	
61	21	Shivam Patil	43	Flappy Bird Game
62		Mukesh Prajapat	45	
63		Hardik Raut	48	
64	22	Niharika Sahu	52	Sudoku Solver
65		Laxman Sawant	54	
66		Suvith Shetty	56	
67	23	Sachi Godbole	73	Encrypt and Decrypt a message
68		Hrudaya Kini	75	
69		Harsh Tamore	76	
70	24	Arun Prajapati	46	Rock, Paper and Scissor
71		Prabhat Kumar Rahi	47	
72		Mrigayan Ray	49	
73		Sarthika Takale	57	
74	25	Puja Chafekar	5	Online Calculator
75		Kashish Dalvi	8	
76		Nisha Jha	20	



Dr. Vikas Gupta
HOD, CSE(DS)



Vidyavardhini's College of Engineering and Technology
Department of Artificial Intelligence & Data Science

Academic Year 2022-23

Internship

Sr. No	Name of the Student	Company Name	Duration		Industry Linkage
			Start Date	End Date	
1	Harshvardhan Surve	TECHQCONNECT, Vasai	15/12/2022	07/01/2023	Worked as Machine Learning Intern
		IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
2	Anaum Yaseen Sharif	TECHQCONNECT, Vasai	15/12/2022	07/01/2023	Worked as Machine Learning Intern
3	Sharib Khan	TECHQCONNECT, Vasai	15/12/2022	07/01/2023	Worked as Machine Learning Intern
4	Shruti Sunil Pawar	TECHQCONNECT, Vasai	15/12/2022	07/01/2023	Worked as Web Development Intern
5	Hemani Ramakant Maurya	TECHQCONNECT, Vasai	15/12/2022	07/01/2023	Worked as Web Development Intern
6	Omkar Arun Bhikle	TECHQCONNECT, Vasai	15/12/2022	07/01/2023	Worked as Web Development Intern
		IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
7	Harshal Rajendra Ahire	TECHQCONNECT, Vasai	15/12/2022	07/01/2023	Worked as Web Development Intern
		IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
8	Aryan Suresh Darade	TECHQCONNECT, Vasai	15/12/2022	07/02/2023	Worked as Machine Learning Intern
		IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
9	Pritesh Jayprakash Verma	TECHQCONNECT, Vasai	15/12/2022	07/01/2023	Worked as Machine Learning Intern
		IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
10	Ganesh Gopalakrishnan	TECHQCONNECT, Vasai	15/12/2022	07/01/2023	Worked as UI/UX Design Intern
11	Varun Soni	TECHQCONNECT, Vasai	15/12/2022	07/01/2023	Worked as Machine Learning Intern
		IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
12	Kartik Shailendra Joshi	Industry Institute Interaction Cell of VCET in association with IETE Mumbai Centre, Vasai	12/12/2022	23/12/2022	Worked as Automation Intern
13	Parth Mahendra Puri	Industry Institute Interaction Cell of VCET in association with IETE Mumbai Centre, Vasai	12/12/2022	23/12/2022	Worked as Automation Intern
14	Divyah Mandavia	Industry Institute Interaction Cell of VCET in association with IETE Mumbai Centre, Vasai	12/12/2022	23/12/2022	Worked as Automation Intern

15	Vivek Prajapati	Industry Institute Interaction Cell of VCET in association with IETE Mumbai Centre, Vasai	12/12/2022	23/12/2022	Worked as Automation Intern
		IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
16	Yash Patil	Industry Institute Interaction Cell of VCET in association with IETE Mumbai Centre, Vasai	12/12/2022	23/12/2022	Worked as Automation Intern
17	Shlok Gaikwad	Industry Institute Interaction Cell of VCET in association with IETE Mumbai Centre, Vasai	12/12/2022	23/12/2022	Worked as Automation Intern
		IIIC, VCET in association with AutoSprings Pvt. Ltd-Kotlin, Vasai	12/6/2023	23/06/2023	Worked as Android Developer Intern
18	Om Rajesh Tiwari	Oasis Infobyte, Online	5/3/2023	5/4/2023	Worked as Data Science Intern
		Code Clause, Online	1/4/2023	1/5/2023	Worked as Python Development Intern
19	Arya Adesh Bhosle	Oasis Infobyte, Online	15/3/2023	15/4/2023	Worked as Web Development Intern
20	Karan Patra	MedTourEasy , Online	1/5/2023	28/05/2023	Worked as Data Analytics Professional
21	Shaikh Aadil Raza	World Invent Scientific Technology Private Limited, Vasai	28/5/2023	28/6/2023	Worked as Web Development Intern
22	Prachi Shah	AP INFOSYS, Online	1/6/2023	30/06/2023	Worked as Web Development Intern
23	Anuj Mishra	Shree Balaji Agency, Borivali	1/6/2023	30/06/2023	Worked as Tally & Excel Intern
24	Kunal kailas chaudhari	Intabs, Online	1/6/2023	1/7/2023	Worked as Web Development Intern
25	Soham Dahanukar	Kodacy, Online	2/6/2023	16/06/2023	Worked as Robotics Intern
26	Ojasi Prashant Prabhu	Skylark Global BPO services Pvt Ltd, Kolhapur	12/6/2023	24/6/2023	Worked as Data Science Intern
27	Prathmesh Bhagat	Forage, Online	12/6/2023	28/06/2023	Worked as Data Analyst Intern
		IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
28	Sudeep Satish Shetty	KPMG, Online	12/6/2023	28/6/2023	Worked as Data Analytics Intern
29	Shrishti Sanjay Kamble	IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
30	Pia Purohit	IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
31	Parth Raut	IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
32	Tej Harish More	IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
33	Sakshi Vinayak Karande	IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
34	Aditya Biradar	IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
35	Gauravi Jayant Patankar	IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
36	Shalaka Kadam	IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
37	Omkar Mhatre	IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern

38	Devharsh Jha	IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
39	Amulya Shetty	IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
40	Sanket Das	IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
41	Yash Biranje	IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
42	Neha Singh	IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
43	Aaditya Bobade	IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
44	Yatin Surendra Chauhan	IIIC, VCET in association with TechCryptors, Vasai	12/6/2023	23/06/2023	Worked as Data Science Intern
45	Prerna Mhatre	IIIC, VCET in association with Rigel Infotech, Vasai	12/6/2023	23/06/2023	Work as Web Developer Intern
46	Mansavi Todkar	IIIC, VCET in association with Rigel Infotech, Vasai	12/6/2023	23/06/2023	Work as Web Developer Intern
47	Ronak Kela	IIIC, VCET in association with Rigel Infotech, Vasai	12/6/2023	23/06/2023	Work as Web Developer Intern
48	Priyanshu Kamble	IIIC, VCET in association with AutoSprings Pvt. Ltd-Kotlin, Vasai	12/6/2023	23/06/2023	Worked as Android Developer Intern
49	Dhruv Mewada	IIIC, VCET in association with AutoSprings Pvt. Ltd-Kotlin, Vasai	12/6/2023	28/06/2023	Worked as Android Developer Intern
50	Shikha Choudhary	IIIC, VCET in association with AutoSprings Pvt. Ltd-Kotlin, Vasai	12/6/2023	28/06/2023	Worked as Android Developer Intern

Dr. Tatwadarshi P.N.
HoD, AI & DS

Mrs. Sneha M. Wadav
IIIC Coordinator





Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL201

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Harshavardhan Surve, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 15 December 2022 to 07 January 2023 at Techq Konnect Technologies Private Limited.

During the internship he worked on Osteoporotic Fracture Analysis using ML project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Harshavardhan Surve

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarsi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL203

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Anam Yaseen Sharif, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 15 December 2022 to 07 January 2023 at Techq Konnect Technologies Private Limited.

During the internship she worked on Osteoporotic Fracture Analysis using ML project(s).

She demonstrated good skills with an attitude to learn new things. We wish her all the very best for her career and future endeavours.

Ankit
30.04 2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL206

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Sharib Khan, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 15 December 2022 to 07 January 2023 at Techq Konnect Technologies Private Limited.

During the internship he worked on Osteoporotic Fracture Analysis using ML project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL213

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Shruti Pawar, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 15 December 2022 to 07 January 2023 at Techq Konnect Technologies Private Limited.

During the internship she worked on Geovirtual Tour Website project(s).

She demonstrated good skills with an attitude to learn new things. We wish her all the very best for her career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL212

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Hemani Maurya, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 15 December 2022 to 07 January 2023 at Techq Konnect Technologies Private Limited.

During the internship she worked on Geovirtual Tour Website project(s).

She demonstrated good skills with an attitude to learn new things. We wish her all the very best for her career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL214

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Omkar Arun Bhikle, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 15 December 2022 to 07 January 2023 at Techq Konnect Technologies Private Limited.

During the internship he worked on Geovirtual Tour Website project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30-04-2023

Ankit Patil
Director, Techq Konnect.



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Omkar Arun Bhikle

Has successfully completed **Two Weeks Internship in**
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL211

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Harshal Ahire, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 15 December 2022 to 07 January 2023 at Techq Konnect Technologies Private Limited.

During the internship he worked on Geovirtual Tour Website project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Harshal Ahire

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarsi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL204

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Aryan Suresh Darade, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 15 December 2022 to 07 January 2023 at Techq Konnect Technologies Private Limited.

During the internship he worked on Osteoporotic Fracture Analysis using ML project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

ARYAN DARADE

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarsi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL202

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Pritesh Jayprakash Verma, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 15 December 2022 to 07 January 2023 at Techq Konnect Technologies Private Limited.

During the internship he worked on Osteoporotic Fracture Analysis using ML project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



TECHCRYPTORS

CERTIFICATE OF COMPLETION

This is to certify that

Pritesh verma

Has successfully completed **Two Weeks Internship in**
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL210

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ganesh, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 15 December 2022 to 07 February 2023 at Techq Konnect Technologies Private Limited.

During the internship he worked on Trekvisor App project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



Techq Konnect Technologies Pvt. Ltd.,
Off. No. 203, Maruti Chambers II,
Beside Vasai Bus Depot, Vasai West,
Palghar – 401202, Maharashtra, India.

REF NO: TKTCT_IL205

DATE: 30/04/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Varun Dinesh Soni, student of Vidyavardhini's College of Engineering and Technology, Vasai has successfully completed internship from 15 December 2022 to 07 January 2023 at Techq Konnect Technologies Private Limited.

During the internship he worked on Osteoporotic Fracture Analysis using ML project(s).

He demonstrated good skills with an attitude to learn new things. We wish him all the very best for his career and future endeavours.

Ankit
30.04.2023

Ankit Patil
Director, Techq Konnect.



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Varun Soni

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Joshi Kartik

Has successfully completed 10 Days (Two Weeks) Internship on
Application development using Fire Bird V Robot
from 12th December 2022 to 23rd December, 2022, Organized by Industry
Institute Interaction Cell of Vidyavardhini's College of Engineering and
Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Megha Trivedi
Co-ordinator E-Yantra
Robotics Lab

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Parth Mahendra Puri

Has successfully completed **10 Days (Two Weeks) Internship on
Application development using Fire Bird V Robot**

from 12th December 2022 to 23rd December, 2022, Organized by Industry
Institute Interaction Cell of Vidyavardhini's College of Engineering and
Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator.

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Megha Trivedi
Co-ordinator E-Yantra
Robotics Lab

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Divyah Mandavia

**Has successfully completed 10 Days (Two Weeks) Internship on
Application development using Fire Bird V Robot**

from 12th December 2022 to 23rd December, 2022, Organized by Industry
Institute Interaction Cell of Vidyavardhini's College of Engineering and
Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Megha Trivedi
Co-ordinator E-Yantra
Robotics Lab

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Vivek Prajapati

Has successfully completed **10 Days (Two Weeks) Internship** on

Application development using Fire Bird V Robot

from 12th December 2022 to 23rd December, 2022, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering and Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIIC Coordinator

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai

Dr. Megha Trivedi
Co-ordinator E-Yantra
Robotics Lab

Dr. Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Vivek Prajapati

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadharshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that
YASH SANJAY PATIL

**Has successfully completed 10 Days (Two Weeks) Internship on
Automation using Siemens S7 1200 PLC**

from 12th December 2022 to 23rd December 2022, Organized by Industry
Institute Interaction Cell of VidyaVardhini's College of Engineering and
Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator & Co-ordinator
Siemens COE

Dr. Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai Center

Dr. Smita A. Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Shlok Gaikwad

**Has successfully completed 10 Days (Two Weeks) Internship on
Automation using Siemens S7 1200 PLC**

from 12th December 2022 to 23rd December 2022, Organized by Industry
Institute Interaction Cell of Vidya vardhini's College of Engineering and
Technology in Association with IETE Mumbai Centre.

Prof. Prafulla Patil
IIC Coordinator & Co-ordinator
Siemens COE

Dr Vikas Gupta
Dean, Academic VCET
Hon. Secretary, IETE Mumbai Center

Dr Smita A Lonkar
Chairperson
IETE Mumbai Centre

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Shlok Gaikwad

Has successfully completed **Two Weeks Internship in**

Android Application Development using Kotlin

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with AutospringsPvt.Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal

CERTIFICATE OF COMPLETION

5/4/2023

This certificate is proudly presented to

Om Rajesh Tiwari

for successful completion of **1 month internship** in
Data Science
with wonderful remarks at **OASIS INFOBYTE**

✉ contact@oasisinfobyte.in

OIB/M1/IP472

🌐 www.oasisinfobyte.com



26



{Code Clause};

Code Clause

To Whom So IT May Concern

Date - 04 / 05 / 2023

This is to certify that **Om Rajesh Tiwari**, Artificial Intelligence And Data Science **Vidyavardhani's College Of Engineering And Technology** is working as an intern with CodeClause from the period **Apr-2023 To May-2023**.

During this period he handled **Python Development Intern** position.

During the course of the Internship, **Om Rajesh Tiwari** has shown a great amount of responsibility, sincerity, and a genuine willingness to learn and zeal to take on new assignments and challenges. In particular, his coordination skills and communication skills are par excellence and his attention to details is impressive

We wish all the very best for your future.

with regards,
CodeClause



CERTIFICATE OF COMPLETION

4/15/2023

This certificate is proudly presented to

Arya Adesh Bhosle

for successful completion of **1 month internship** in
Web Development and Designing
with wonderful remarks at **OASIS INFOBYTE**



**OASIS
INFOBYTE**



✉ contact@oasisinfobyte.in

OIB/M2/IP1400

🌐 www.oasisinfobyte.com





MedTourEasy®

CIN NUMBER : U85300DL2018PTC334604 WEBSTITE : WWW.MEDTOUREASY.COM
PHONE : +91 8700219382 EMAIL : CARE@MEDTOUREASY.COM

DATE : 31/05/2023
REF : CER/2023/759

CERTIFICATE OF TRAINEESHIP COMPLETION

This is to certify that Mr/Ms. **Karan Patra**, has successfully completed the traineeship program at **MedTourEasy** from **01/05/2023 to 28/05/2023**.

During this period Karan had experienced the hands on working of a **Data Analytics** Professional and worked under the supervision of project mentor & developed the project entitled "**Analyze Death Age Difference of Right Handers with Left Handers**".

Karan was found hardworking, punctual and inquisitive, during the tenure of traineeship.

We wish Karan every success in career.

For MedTourEasy

Ankit Hasija
Training Head



MEDTOUREASY, ABL WORKSPACES,
M 130-131, SECOND FLOOR,
CONNAUGHT CIRCLE, CONNAUGHT
PLACE, NEW DELHI, DELHI 110001

MEDTOUREASY, ABL WORKSPACES,
BUILDING NO 8A, GROUND FLOOR,
CYBER HUB, DLF CYBER CITY,
GURUGRAM, HARYANA 122002

MEDTOUREASY, ABL WORKSPACES
B-6, BLOCK B, SECTOR 4, NOIDA
UTTAR PRADESH 201301



Date : 28-06-2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Shaikh Aadil Raza** of **Vidhyavardhini's College of Engineering and Technology** has successfully completed a one-month internship at **World Invent Scientific Technology Private Limited**. He demonstrated exceptional dedication and skill in developing automation programs and crawlers for our company. His ability to grasp complex concepts, attention to detail, and proactive attitude were commendable. His contributions significantly enhanced our operational efficiency.

We congratulate him on his successful completion of the internship program.

For **WORLD INVENT SCIENTIFIC TECHNOLOGY PRIVATE LIMITED**

Shahid Shaikh
Director



TO WHOM IT MAY CONCERN

REF: AP/230604

DATE : 30/06/2023

Certificate of Completion

This is to certify that,

Ms. Prachi Hitesh Shah from **Vidyavardhini's College of Engineering and Technology**

Department of **Artificial Intelligence and Data Science Engineering** has participated and completed 1 month internship program on **Web Development** .

During the internship, he demonstrated exceptional dedication, professionalism, and a strong commitment to learning and growth. Their contributions were valuable and greatly appreciated by the team. Throughout the internship, he actively participated in various projects and tasks, acquiring practical skills and knowledge. Their ability to adapt to new challenges, collaborate with colleagues, and consistently deliver high-quality work has been commendable.

Date : **01/06/2023** to **30/06/2023**

AUTHORISED SIGNATORY
FOR AP INFOSYS

DIRECTOR



SHREE BALAJI AGENCY

Borivali Maharashtra | 9892324272 | shreebalajiAgency22@gmail.com

Date: 30th June 2023

TO WHOM IT MAY CONCERN

This is to certify that **Mr. Anuj Mishra** successfully completed his internship at Shree Balaji Agency from 1st June 2023 to 30th June 2023. Throughout his tenure, Mr. Anuj Mishra displayed exceptional dedication, a strong work ethic, and a remarkable willingness to learn and contribute.

During his internship, Mr. Anuj Mishra took on various responsibilities and made valuable contributions to our organization. His primary focus was on handling financial and accounting tasks using Tally and Excel. With his adeptness in these software tools, he efficiently managed billing and other crucial account details of the company, ensuring accuracy and precision in all financial transactions.

Furthermore, Mr. Anuj Mishra's inquisitive nature allowed him to gain valuable insights into our company's operations and processes. He actively participated in team discussions, demonstrated a keen interest in understanding the business dynamics, and proposed innovative ideas to streamline our financial operations.

His ability to grasp concepts quickly and execute tasks with diligence made him a valuable asset to our team. Mr. Anuj Mishra exhibited outstanding interpersonal skills and collaborated effectively with his colleagues, leaving a positive impact on our work environment.

We would like to extend our heartfelt appreciation to Mr. Anuj Mishra for his dedicated efforts and exemplary performance during his internship with Shree Balaji Agency. We have no doubt that he will continue to excel in his future endeavors and wish him the best in all his future endeavors.

Congratulations on successfully completing your internship!


ANKIT MISHRA
Shree Balaji Agency

July 10, 2023

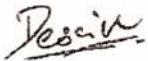
TO WHOM IT MAY CONCERN

This is to certify that Mr. Kunal Kailas Chaudhari has successfully completed his full time Internship Program in the capacity of Intern at intabs Solutions Pvt. Ltd. Pune. His internship tenure was from 01 - June-2023 to 01 -July-2023.

During his internship tenure we found Mr. Kunal Kailas Chaudhari displayed professional traits during his internship period and managed to complete all assigned tasks as requested. He has demonstrated his skills with self-motivation to learn new skills.

It was a pleasure having him with us in this short period. We wish him all the best in his future endeavour.

Authorized Signatory



Umesh Desai
Director - Human Resource

Kodacy

SPACE
Scientific Platforms And Cosmic Explorations

Certificate OF INTERNSHIP

This certificate is presented to:

Soham Dahanukar

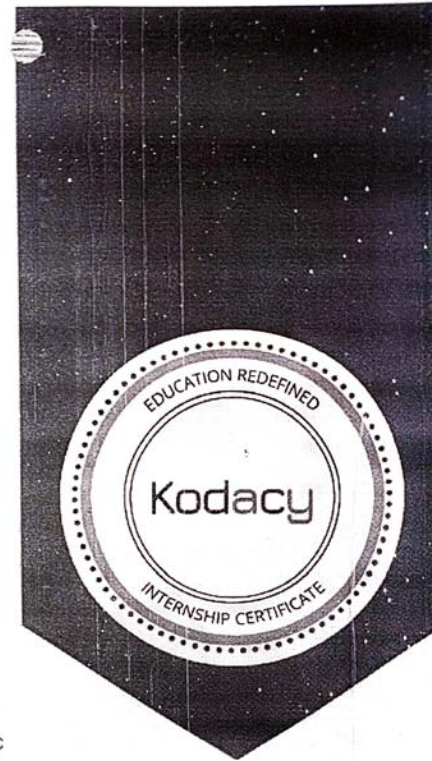
for successfully completing the 15 day virtual internship program on "ROBOTICS" conducted by KODACY in association with Scientific Platforms And Cosmic Explorations (SPACE).



Date Of Completion: June 16, 2023

Certificate ID: bedd2e5344a132e7

< Scan this QR to check validity



Akash Joseph
Authorized Signature
Akash Joseph, (CEO)

Date: Jun 28th, 2023

CERTIFICATE OF INTERNSHIP

This is to certify that, Ms. Ojasi Prashant Prabhu, has successfully completed 2 weeks of an internship program from Jun 12th, 2023 to Jun 24th, 2023 in the Artificial Intelligence and data science department of our organization.

She was highly motivated and hardworking. She worked sincerely at her tasks and did a very good job.

We wish her great success in her future endeavours. We wish success in her career!

Best Regards,



Kailash Medhe
CEO



Prathmesh

Data Analytics Consulting Virtual Internship

Certificate of Completion
June 28th, 2023

Over the period of June 2023, Prathmesh has completed practical tasks in:

- Data Quality Assessment
- Data Insights
- Data Insights and Presentation

Deborah Yates
National Managing
Partner People
Performance and
Culture

Tom Brunskill
CEO, Co-Founder of
Forage



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Prathmesh Rajendra Bhagat

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



Inspiring and empowering
future professionals

Sudeep Shetty

Data Analytics Consulting Virtual Internship

Certificate of Completion
June 28th, 2023

Over the period of June 2023, Sudeep Shetty has completed practical tasks in:

Data Quality Assessment
Data Insights
Data Insights and Presentation

Deborah Yates
National Managing
Partner People
Performance and
Culture

Tom Brunskill
CEO, Co-Founder of
Forage

Enrolment Verification Code: H54b515J3R4K5L72 | Verification Code: dXRjppz9r6Wj0rAPr | Issued by Forage



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Shristi Sanjay Kamble

**Has successfully completed Two Weeks Internship in
Data Science**

**from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.**

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Pia Purohit

Has successfully completed **Two Weeks Internship in**
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Parth Raut

Has successfully completed **Two Weeks Internship in**
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Tej Harish More

Has successfully completed **Two Weeks Internship in**
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Sakshi Vinayak Karande

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Aditya Biradar

Has successfully completed **Two Weeks Internship in**
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Gauravi jayant patankar

Has successfully completed **Two Weeks Internship in**
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Shalaka Kadam

Has successfully completed **Two Weeks Internship in**
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarsi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Omkar Vishwas Mhatre

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Devharsh Jha

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadharshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Amulya Shetty

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



TECHCRYPTORS

CERTIFICATE OF COMPLETION

This is to certify that

Sanket Sudhanshu Das

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Yash biranje

Has successfully completed **Two Weeks Internship in**
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Neha Singh

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal

52



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist. - Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Aaditya Bobade

Has successfully completed **Two Weeks Internship** in
Data Science

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Yatin Surendra Chauhan

Has successfully completed **Two Weeks Internship in
Data Science**

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with Tech Cryptors.

Prof. Prafulla Patil
IIIC Coordinator

Dr. Tatwadarshi Nagarhalli
HOD of Artificial Intelligence and
Data Science

Mr. Yadnesh Zagade
CEO & Founder,
Tech Cryptors

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Prerna Mhatre

**Has successfully completed Two Weeks Internship in
Web Development**

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute Interaction Cell of
Vidyavardhini's College of Engineering and Technology in Association with Rigel Infotech.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Mr. Ahmed S. Shaikh
Founder,
Rigel Infotech

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Manasvi Todkar

**Has successfully completed Two Weeks Internship in
Web Development**

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering and Technology in Association with Rigel Infotech.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Mr. Ahmed S. Shaikh
Founder,
Rigel Infotech

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Ronak Kela

**Has successfully completed Two Weeks Internship in
Web Development**

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute Interaction Cell of Vidyavardhini's College of Engineering and Technology in Association with Rigel Infotech.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Mr. Ahmed S. Shaikh
Founder,
Rigel Infotech

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg. Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Priyanshu Kamble

Has successfully completed **Two Weeks Internship in
Android Application Development using Kotlin**

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with AutospringsPvt.Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Dhruv Mewada

Has successfully completed **Two Weeks Internship in
Android Application Development using Kotlin**

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with AutospringsPvt.Ltd.

Prof. Prafulla Patil
IIIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
K. T. Marg, Vasai Road (West), Dist.- Palghar, Maharashtra



CERTIFICATE OF COMPLETION

This is to certify that

Shikha Chaudhary

Has successfully completed **Two Weeks Internship in
Android Application Development using Kotlin**

from 12th June 2023 to 23rd June 2023, Organized by Industry Institute
Interaction Cell of Vidyavardhini's College of Engineering and Technology in
Association with AutospringsPvt.Ltd.

Prof. Prafulla Patil
IIC Coordinator

Dr. Megha Trivedi
HOD of Computer
Engineering

Dr. Harish Vankudre
Principal



Vidyavardhini's College of Engineering and Technology, Vasai
Department of Artificial Intelligence & Data Science

SE/Sem III/Mini Project_1A/ 2022-23/Project Topics

Group_No	Roll_No	Project Members	Selected Topic	Name of the Guide
1	1	Harshal Ahire	Spotify data analyzer	Mrs. Sneha M. Yadav
	15	Sanket Das		
	20	Ganesh Gopalkrishnan		
2	2	Kiran Bhati	Lane Line Detector	Ms. Sejal D'mello
	32	Hemani Maurya		
	47	Prachi Shah		
3	4	Aditya Biradar	Online reservation system and price comparison	Mrs. Kranti Gule
	44	Parth Raut		
	43	Ojasi Prabhu		
4	5	Yash Biranje	Cloud storage	Ms. Neha Raut
	9	Yatin Chauhan		
	29	Samit Malap		
5	6	Aditya Bobade	Virtual voice assistance	Ms. Bhavika Gharat
	7	Jagruti Borse		
	14	Aryan Darade		
6	23	Shubham Omprakash Jangid	Music classifier	Ms. Sejal D'mello
	41	Shruti Pawar		
7	13	Soham Dahanukar	Stock Predictor	Mrs. Kranti Gule
	18	Prashik Gaikwad		
	19	Shrey Ghodke		
8	28	Vedant Mahadik	Chatbot for negotiating price	Mrs. Sneha M. Yadav
	22	Rajat Gupta		
	30	Mangesh Mane		
9	46	Ryan chulliyil	Automatic question paper generator	Mrs. Kranti Gule
	45	Aryansingh Rawat		
	48	Adil Raza shaikh		
10	10	Krishna chavan	Crime Detection and missing person finder	Ms. Bhavika Gharat
	31	Sunita Mane		
	51	Anurag Sharma		
11	35	Harsh Mishra	Peer to peer car pooling system	Ms. Neha Raut
	34	Anuj Mishra		
	27	Shreyank Kasable		
12	36	Hitesh Moota	Attendance with face recognition	Ms. Sejal D'mello
	39	Meet Paghadar		
	42	Kunal Poojary		
13	24	Devharsh Jha	Signature detector	Mrs. Sneha M. Yadav
	12	Suryanarayan Choudhary		
14	25	Shalaka Kadam	Sign Language Recognition	Mrs. Sneha M. Yadav
	52	Amulya Shetty		
	56	Neha Singh		
	21	Shubham Goregaonkar		

15	62	Shubham Waghmare	Unused Medicine Donation System	Ms. Kranti Gule
	63	Nilesh Yadav		
16	59	Harshavardhan Surve	Doct (Decentralized Doc Storage System)	Ms.Neha Raut
	58	Varun Soni		
	60	Subodh Tripathi		
17	57	Shrisaikumar Sonari	Hotel Management System	Ms. Bhavika Gharat
	54	Shrikant Bawankule		
	8	Kunal Chaudhari		
18	17	Akash Diwakar	Language Translator	Ms. Bhavika Gharat
	55	Abhishek Singh		
19	16	Raghendra Devadiga	Online credit card fraud detection	Ms.Neha Raut
	33	Omkar Mhatre		
	53	Aditya Shinde		
20	38	Smit Padsala	Attendance Manager using QR CODE Scanner	Ms. Sejal D'mello
	11	Yashita Chavan		
	40	Gauravi Patankar		
21	61	Pritesh verma	Twitter sentiments prediction	Mrs. Sneha M. Yadav
	50	Anaum sharif		
	49	Sharib khan		
22	37	Tej More	Crowdfunding with blockchain	Ms.Neha Raut
	26	Sakshi Karande		
	3	Omkar Bhikle		



Mrs. Sneha M. Yadav
SE Mini Project Coordinator



Dr. Vikas Gupta
HOD AI-DS



SE/Sem IV/ Mini Project 1B/Academic Year 2022-23

Group No	Roll No	Project Members	Title of the project	Project Guide
1	1	Harshal Ahire	Trekk booking app	Ms. Neha Raut
	15	Sanket Das		
	20	Ganesh Gopalkrishnan		
2	2	Kiran Bhati	Brain Tumor detection	Ms. Kshitija Gharat
	47	Prachi Shah		
	31	Sunita Mane		
3	4	Aditya Biradar	Automatic Time Table Generator	Ms. Bhavika Gharat
	44	Parth Raut		
	43	Ojasi Prabhu		
4	32	Hemani Maurya	OMR opencv	Mrs. Sneha M. Yadav
	9	Yatin Chauhan		
	29	Samit Malap		
5	6	Aditya Bobade	Deep fake Analysis	Ms. Neha Raut
	7	Jagruti Borse		
	5	Yash Biranje		
6	14	Aryan Darade	Online shopping app	Ms. Kshitija Gharat
	41	Shruti Pawar		
	39	Meet Paghadar		
7	13	Soham Dahanukar	Exchange Rate Forecasting	Mrs. Sneha M. Yadav
	18	Prashik Gaikwad		
	19	Shrey Ghodke		
8	28	Vedant Mahadik	Fake News Detection	Ms. Bhavika Gharat
	22	Rajat Gupta		
	36	Hitesh Moota		
9	46	Ryan chulliyil	Music Generation using DL	Mrs. Sneha M. Yadav
	45	Aryansingh Rawat		
	48	Adil Raza shaikh		
10	33	Omkar Mhatre	Decentralized Web Hosting	Ms. Bhavika Gharat
	16	Raghvendra Devadiga		
	42	Kunal Poojary		
11	24	Devharsh Jha	Custom Clone Architecture	Mrs. Sejal D'mello
	12	Suryanarayan Choudhary		
		Shubham Omprakash Jangid		
12	25	Shalaka Kadam	Virtual Yoga Trainer	Ms. Kshitija Gharat
	52	Amulya Shetty		
	56	Neha Singh		
13	59	Harshavardhan Surve	Antique Marketplace on BlockChain	Ms. Neha Raut
	58	Varun Soni		
	60	Subodh Tripathi		
14	57	Shrisaikumar Sonari	Farmer Management System (Farmeasy)	Ms. Neha Raut
	54	Shrikant Bawankule		
	8	Kunal Chaudhari		
15	38	Smit Padsala	Nutrition Ninja	Ms. Neha Raut
	11	Yashita Chavan		
	40	Gauravi Patankar		
16	61	Pritesh verma	Crypto currency Trading Bot	Ms. Bhavika Gharat
	50	Anaum sharif		
	49	Sharib khan		
	37	Tej More	Crowdfunding platform	
	26	Sakshi Karande		

17	3	Omkar Bhikle	using blockchain	Ms. Kshitija Gharat
18	64	Azmaan Baluch	Automated chatbot for customer support	Ms. Bhavika Gharat
	70	HARDIK RAUT		
	77	Bhavya Wade		
19	27	Shreyank Kasable	QR Encryptor	Ms. Neha Raut
	34	Anuj Mishra		
	35	Harsh Mishra		
20	62	Shubham Waghmare	Food Waste Management System	Ms. Bhavika Gharat
	63	Nilesh Yadav		
	21	Shubham Goregaonkar		
21	30	Mangesh Mane	Disease Detection	Ms. Kshitija Gharat
	10	Krishna Chavan		
	53	Aaditya Shinde		
22	65	Prathmesh Bhagat	Cloud Storage	Mrs. Sneha M. Yadav
	72	Mokshad Sankhe		
	75	Sudeep Shetty		
23	69	Pia Purohit	CHATBOT using Python	Mrs. Sneha M. Yadav
	74	Shubham Shah		
	76	Mansavi Todkar		
	66	Shrishti Kamble		
24	67	Krish Mehta	Text To Speech generator	Ms. Kshitija Gharat
	71	Siddhesh Samant		
	68	Prerna Mhatre		
	73	Chinmay Satam		
25	17	Akash Diwakar	Online Quiz Application	Ms. Kshitija Gharat
	51	Anurag Sharma		
	55	Abhishek Singh		
				
		Mrs. Sneha Yadav		
		SE Mini Project Co-ordinator		
				
			Dr. Vikas Gupta	
			HOD AI&DS	



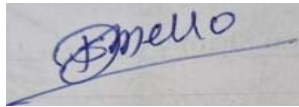
Vidyavardhini's College of Engineering and Technology, Vasai

Department of Artificial Intelligence & Data Science

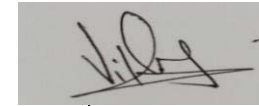
TE Sem-V 2A Mini Project List AY 2022-23

Group No.	Member of Group	Student Mail-id	Guide	Topic
1	Sanil Gokarn	sanil.s211029101@vcet.edu.in	Dr.Vikas Gupta	Fingerprint Door lock using Arduino
	Prachi Kadam	prachi.s211039201@vcet.edu.in		
	Sanskar Tawre	sanskar.s211079102@vcet.edu.in		
2	Deepali Kothari	deepali.203759201@vcet.edu.in	Mrs.Sejal Dmello	Wireless Notice Board using Bluetooth
	Arya Bhosle	arya.203689201@vcet.edu.in		
	Diksha Mulik	diksha.203829201@vcet.edu.in		
3	Devashree Pawar	devashree.203889201@vcet.edu.in	Ms.Neha Raut	Algorithm Visualizer
	Naina Roy	naina.203919201@vcet.edu.in		
	Khushi Upadhyay	khushi.203979201@vcet.edu.in		
4	Hirenkumar Vyas	hirenkumar.203999111@vcet.edu.in	Mrs.Sejal Dmello	App for Obstacle Detection For Blind Men
	Vivek Prajapati	vivek.201899111@vcet.edu.in		
	Aprit Mishra	arpit.203819101@vcet.edu.in		
	Naveen Arora	naveen.203679101@vcet.edu.in		
5	Yatish Patil	yash.203859107@vcet.edu.in	Ms.Neha Raut	Digital water marking
	Chetan Sapkal	chetan.s211069112@vcet.edu.in		
	Shubhamkar			
6	Dhruv Mewada	dhruv.203789101@vcet.edu.in	Mrs.Sneha Yadav	Home Security
	Shlok Gaikwad	Shlok.203709101@vcet.edu.in		
	Priyanshu kamble	priyanshu.203739102@vcet.edu.in		
7	Khushi Tiwari	khushi.203959201@vcet.edu.in	Ms.Bhavika Gharat	Location tracking in spectacle using IOT
	Reena Vaidya	reena.203989201@vcet.edu.in		
	Ronak Kela	ronak.203749101@vcet.edu.in		
8	Shikha Chaudhary	shikha.203699201@vcet.edu.in	Mrs.Sneha Yadav	RFID door lock using arduino
	Chetan jawale	chetan.203719107@vcet.edu.in		
	Prasad shah	prasad.203929101@vcet.edu.in		
9	Viraj Mhaske	viraj.203799102@vcet.edu.in	Mrs.Kranti Gule	Smart Appliance using Iot and ML
	Om Tiwari	om.203969101@vcet.edu.in		
	Yatish Patil	yatish.203869112@vcet.edu.in		

	Chetan Nevase	chetan.203849107@gmail.com		
10	Divyah Mandavia	divyah.203779101@vcet.edu.in	Mrs.Kranti Gule	Develop app for e-supply chain
	Karan Patra	karan.203879101@vcet.edu.in		
	Kartik Joshi	kartik.203729101@vcet.edu.in		
	Parth Puri	parth.203909106@vcet.edu.in		
11	Amrita Nair	amrita.203839201@vcet.edu.in	Mrs.Kranti Gule	App for tracking sugar intake using Python
	Sakshi Mhatre	sakshi.203809207@vcet.edu.in		
12	Ujwal Sharma	ujwal.203939101@vcet.edu.in	Mrs.Sejal Dmello	Detection Of Pneumonia From Chest Xray
	Prathmesh Shinde	prathmesh.203949112@vcet.edu.in		
	Riddhesh Sankhe	riddhesh.s211059108@vcet.edu.in		



Ms. Sejal D'mello
Deputy HOD, AI & DS



Dr. Vikas Gupta
HOD, AI & DS



TE/Sem VI / Mini-Project 2B / 2022-23 Project List

No.	members	Guide	Topic Selected
1	Arya Adesh Bhosle Deepali Mukesh Kothari Diksha Govind Mulik	Mrs. Sejal D'mello	Text Translator
2	Reena Vaidya Khushi Tiwari Ronak Kela	Mrs. Sejal D'mello	Optical Character Recognition using Deep Learning
3	Yash Patil Chetan Sapkal Shubhamkar Patra	Mrs. Sneha Yadav	Android botnet detection
4	Sanil Gokarn, Prachi Kadam, Sanskar Tawre	Dr. Vikas Gupta	Brain Tumor Detection
5	Amrita Sreekumaran Nair Sakshi Anil Mhatre	Mrs. Sneha Yadav	Real time Sign Language Recognition
6	Devashree Pawar, Naina Roy, Khushi Upadhyay	Prof. Sejal D'mello	Image Caption Generator
7	Shikha Chaudhary Prasad Shah Chetan Jhawale	Mrs. Sneha Yadav	Image Colorization
8	Shlok Gaikwad. Priyanshu kamble. Dhurv mewada.	Mrs. Sneha Yadav	Driver's drowsiness detection system.
9	Naveen Arora Arpit Mishra Vivek Prajapati Hirenkumar Vyas	Prof. Sejal D'mello	App for visually impaired
10	Prathmesh Shinde Riddhesh Sankhe Ujwal Sharma	Prof. Sejal D'mello	Speech Emotion Recognition
11	Karuk Joshi Parth Puri Karan Patra Divyah Mandavia	Prof. Sejal D'mello	Flagging of Inactivity Data (FIND)
12	Viraj Mhaske Chetan Nevase Yatish Patil Om Tiwari	Mrs. Sneha Yadav	Fake News Detection System

Mrs. Sejal D'mello
TE Mini-Project Co-ordinator

Dr. Vikas Gupta
HOD AI&DS



Vidyavardhini's College of Engineering and Technology, Vasai

Department of Artificial Intelligence & Data Science

SE/ SEM IV/SBL: Python Project/AY 2022-23

Sr.No	Group No.	Roll No.	Name	Topic Name
1	1	34	Anuj Mishra	Tic Tac Toe Game
2		27	Shreyank Kasable	
3		35	Harsh Mishra	
4	2	53	Aditya Shinde	Number Guessing
5		54	Shrikant Bawankule	
6		57	Srisaikumar sonari	
7	3	29	samit Malap	Mine Swipper
8		25	Shalaka kadam	
9	4	44	Parth Raut	Rock Paper Scissor
10		43	Ojasi Prabhu	
11		40	Gauravi Patankar	
12	5	52	Amulya Shetty	Snake Game
13		56	Neha Singh	
14		51	Anurag Sharma	
15	6	39	Meet Paghadar	Rolling Dice Simulator
16		42	Kunal Poojary	
17	7	20	Ganesh Gopalakrishnan	Calculator
18		21	Shubham Goregaokar	
19		28	Vedant Mahadik	

20	8	24	Devharsh Jha	Flappy Bird
21		23	Shubham Jangid	
22		33	Omkar Mhatre	
23	9	1	Harshal Ahire	Image to Cartoon
24		3	Omkar Bhikari	
25		4	Aditya biradar	
26		9	Kunal Chaudhari	
27	10	46	Ryan Chulliyil	You Tube video download
28		48	Aadil Shaikh	
29		45	AryanSingh Rawat	
30	11	9	Yatin Chauhan	Sudoku Solver
31		11	Yashita Chavan	
32		12	Suryanarayan Samiran	
33	12	41	Shruti Pawar	Number to word
34		47	Prachi Shah	
35	13	22	Rajat Gupta	Alarm Clock
36		30	Mangesh Mane	
37		36	Hitesh Moota	
38	14	2	Kiran Bhati	Snake Ladder
39		15	Sanket Das	
40		17	Akash Diwakar	
41	15	13	Soham Dhanukar	Currency Convertor
42		18	Prashik Gaikwad	

43		19	Shrey Ghodke	
44	16	5	Yash Biranje	QR code generator
45		6	Aaditya bobade	
46		7	Kunal Chaudhari	
47	17	32	Hemani Maurya	Chess Game
48		38	Smit Padsala	
49		31	Sunita Mane	
50	18	26	Sakshi Vinayak Karande	Image steganography
51		37	Tej Harish More	
52	19	10	Krishna Chavan	Music Player
53		14	Aryan Darade	
54		16	Raghvendra Devadiga	
55	20	62	Shubham Waghmare	Internet speed tester
56		63	Nilesh Yadav	
57		58	Varun Soni	
58	21	65	Prathmesh Bhagat	Pong game
59		72	Mokshad Sankhe	
60		75	Sudeep shetty	
61	22	49	Sharib Khan	TRON light cycle
62		50	Anaum Sharif	
63	23	67	Krish Mehta	Mobile shop management system
64		71	Siddhesh Samant	
65		55	Abhishek Singh	

66	24	76	Manasvi Todkar	Virtual Mouse
67		68	Prerna Mhatre	
68		73	Chinmay Satam	
69	25	59	Harshvardhan Surve	Space Invaders
70		60	Subodh Tripathi	
71		61	Pritesh Varma	
72	26	70	Hardik Raut	Library Management System
73		77	Bhavya wade	
74		64	Azmaan Baluch	
75	27	66	Shristi Sanjay Kamble	Break Ball Game
76		69	Pia Ranjit Purohit	
77		74	Shubham Dinesh Shah	



Dr. Vikas Gupta

HOD, AI & DS



Vidyavardhini's College of Engineering and Technology, Vasai
Department of Artificial Intelligence & Data Science

SE/SEM3/CG Course Project/AY 2022-23

Sr. No	Group No	Roll No	Group Members	Project Title
1	1	44	Parth Raut	Moving Cycle
2		43	Ojasi Prabhu	
3		47	Prachi Shah	
4	2	51	Anurag Sharma	Moving Train
5		52	Amulya Shetty	
6		56	Neha Singh	
7	3	48	Adil shaikh	Simple rocket animation
8		45	Aryan singh rawat	
9		46	Ryan chulliyil	
10	4	28	Vedant Mahadik	Man Walking in Rain
11		30	Mangesh Mane	
12		22	Rajat Gupta	
13	5	24	Devharsh Jha	Rainbow animation
14		23	Shubham Jangid	
15		33	Omkar Mhatre	
16	6	9	Yatin Chauhan	Circular rainbow
17		11	Yashita Chavan	
18		5	Yash biranje	
19	7	53	Aditya Shinde	Moving Car
20		63	Nilesh Yadav	
21		62	Shubham Waghmare	
22	8	15	Sanket Das	Moving Bus
23		20	Ganesh	
24		3	Omkar bhikle	
25		66	Shristi Sanjay Kamble	Solar system

26		69	Pia Ranjit Purohit	
27		74	Shubham Dinesh Shah	
28		73	Chinmay Satam	
29		67	Krish Mehta	
30	10	71	Siddhesh Samant	Moving Train
31		25	Shalaka Kadam	
32		29	Samit Malap	
33	11	40	Gauravi Patankar	Ganpati Bappa
34		34	Anuj Mishra	
35		38	Smit Padsala	
36		27	Shreyank kasable	
37	12	35	Harsh mishra	Indian flag
38		68	Prerna Mhatre	
39	13	76	Manasvi Todkar	Mickey mouse program
40		72	Mokshad Sankhe	
41		65	Prathmesh Bhagat	
42	14	75	Sudeep Shetty	Man Walking In Rain
43		70	Hardik Raut	
44		77	Bhavya wade	
45	15	64	Azmaan Baluch	Bouncing Ball
46			Hemani Ramakant 32 Maurya	
47		31	Sunita Mane	
48		39	Meet pagdhar	
49	16	41	Shruti Pawar	Man walking in rain
50		61	Pritesh verma	
51		50	Anaum sharif	
52	17	49	Sharib khan	Iron man face mask
53		21	Shubham Goregaonkar	
54		10	Krishna Chavan	

Walking man in rain

55		8	Kunal Chaudhari	
56		54	Shrikant bawankule	
57		55	Abhishek Singh	
58	19	57	Shrisaikumar sonari	Bouncing Ball
59		6	Aaditya Bobade	
60	20	7	Jagruti Borse	Person walking in rain
61		26	Sakshi Karande	
62	21	37	Tej More	Sinking Ship
63		01	Harshal Ahire	
64		02	Kiran bhati	
65	22	04	Aditya biradar	Sine wave Animation
66		16	raghvendra devadiga	
67		14	aryan darade	
68		12	suryanarayan	
69	23	17	Akash Diwakar	solar system
70		59	Harshavardhan Surve	
71		58	Varun Soni	
72		60	Subodh Tripathi	
73	24	42	Kunal Poojary	Boat animation
74		13	Soham Dahanukar	
75		18	Prashik Gaikwad	
76		19	Shrey Ghodke	
77	25	36	Hitesh Moota	Clock



Dr. Vikas Gupta
HOD AI & DS



Vidyavardhini's College of Engineering and Technology, Vasai

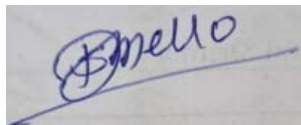
Department of Artificial Intelligence & Data Science

SE/Sem III/ OOPJ Course Project/AY 2022-23

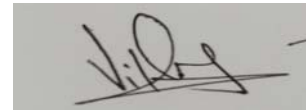
Sr. No	Group No	Roll No	Group Members	Project Title
1	1	44	Parth Raut	Tic Tac Toe
2		43	Ojasi Prabhu	
3		47	Prachi Shah	
4	2	46	Ryan chulliyil	TicTacToe Interface
5		45	Aryan singh rawat	
6		48	Adil shaikh	
7	3	51	Anurag Sharma	Calculator App Master
8		52	Amulya Shetty	
9		56	Neha Singh	
10	4	15	Sanket Das	A Ball Breaker Game Using Java
11		20	Ganesh	
12		3	Omkar bhikle	
13		4	Aditya Biradar	
14	5	28	Vedant Mahadik	Tic Tac Toe game
15		30	Mangesh Mane	
16		22	Rajat Gupta	
17	6	24	Devharsh Jha	Snake Game
18		23	Shubham Jangid	
19		33	Omkar Mhatre	
20	7	09	Yatin Chauhan	Calculator
21		11	Yashita Chavan	
22		05	Yash biranje	
23	8	53	Aditya Shinde	Number guessing game
24		63	Nilesh Yadav	
25		62	Shubham Waghmare	

26		67	Krish Mehta	
27	9	71	Siddhesh Samant	Gym Management System
28		6	Aaditya Bobade	
29	10	7	Jagruti Borse	Web Browser
30		01	Harshal Ahire	
31	11	02	Kiran Bhati	Tic Tac Toe
32		37	Tej Harish More	
33	12	26	Sakshi Vinayak Karande	Currency Converter
34		66	Shristi Sanjay Kamble	
35		69	Pia Ranjit Purohit	
36	13	74	Shubham Dinesh Shah	Sensor Application
37		25	Shalaka Kadam	
38		29	Samit Malap	
39	14	40	Gauravi Patankar	Flappy Bird
40		68	Prerna Mhatre	
41		73	Chinmay Satam	
42	15	76	Manasvi Todkar	Tetris the game
43		27	Shreyank Kasable	
44		34	Anuj Mishra	
45	16	35	Harsh Mishra	Tic-tac-toe
46		32	Hemani Ramakant Maurya	
47		38	Smit shailesh Padsala	
48	17	39	Meet paghadar	Calculator
49		72	Mokshad Sankhe	
50		65	Prathmesh Bhagat	
51	18	75	Sudeep Shetty	Photo Gallery App
52		70	Hardik Raut	
53		77	Bhavya Wade	
54	19	64	Azmaan Baluch	Medical center Management system

55	20	61	Pritesh verma	Number guessing game
56		50	Anaum sharif	
57		59	Harshavardhan surve	
58		49	Sharib khan	
59	21	21	Shubham Goregaonkar	Quiz Application
60		10	Krishna Chavan	
61		8	Kunal Chaudhari	
62	22	16	Raghavendra Devadiga	Canteen Management System
63		14	Aryan Darade	
64		12	Suryanarayan Samiran	
65		41	Shruti Pawar	
66	23	17	Akash Diwakar	Supermarket Billing System
67		55	Abhishek Singh	
68		36	Hitesh Moota	
69		42	Kunal Poojary	
70	24	13	Soham Dahanukar	Traffic Signal
71		18	Prashik Gaikwad	
72		19	Shrey Ghodke	
73		58	Varun Soni	
74	25	31	Sunita Mane	Word Counter
75		54	Shrikant Bawankule	
76		57	Shrisaikumar Sonari	
77		60	Subodh Tripathi	



Subject Incharge
Mrs. Sejal D'mello



Dr. Vikas Gupta
HOD, AI & DS



Vidyavardhini's College of Engineering and Technology, Vasai

Department of Artificial Intelligence & Data Science

TE/Sem VI/Skill Base Lab Course: Cloud Computing Course Project/ AY 2022-23

Sr. No	Group No	Roll No	Member Names	Topic
1	1	3	Shikha Chaudhary	Photographers Website
2		26	Prasad Shah	
3		1	Naveen Arora	
4		5	Chetan Jawale	
5	2	28	Khushi Tiwari	E-commerce Website
6		29	Om Tiwari	
7		31	Reena Vaidya	
8	3	22	Vivek Prajapati	Crop Yield Prediction
9		20	Karan Patra	
10		23	Parth Puri	
11		32	Hiren Vyas	
12	4	8	Ronal Kela	Chole land table reservation at a restaurant
13		6	Kartik Joshi	
14		10	Divyah Mandavia	
15	5	26	Ujwal Sharma	Hospital Management System Website
16		27	Prathamesh Shinde	
17		36	Riddhesh Sankhe	
18	6	18	Yash Patil	Car Renting Website
19		35	Shubhankar Patra	
20		37	Chetan Sapkal	
21	7	13	Sakshi Mhatre	Temperature Converter Website
22		16	Amrita Nair	

23		34	Prachi Kadam	Florist Shop Website
24		38	Sanskar Tawre	
25	8	33	Sanil Gokarn	
26		2	Arya Bhosle	Language Translator
27		9	Deepali Kothari	
28	9	15	Diksha Mulik	
29		11	Dhruv Mewada	Navigation Assistance for Visually Impaired
30		4	Shlok Gaikwad	
31		7	Priyanshu Kamble	
32	10	14	Arpit Mishra	
33			Devashree Pawar	Sorting Algorithm Visualizer using Netlify
34			Naina Roy	
35	11		Khushi Upadhyay	
36			Viraj Mhaske,	Food restaurant interface on cloud
37			Yatish Patil,	
38	12		Chetan Nevase	



Dr. Vikas Gupta
HOD, AI & DS



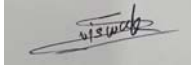
VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY

K. T. Marg, Vasai Road (West) Pin-401202
Department of First Year Engineering

Sub:EP-I&II Branch /Div :- Comps1/Div -C Faculty Name: Dr. Suraj B Vishwakarma			
Mini Project List (Academic year-2022-2023)			
Group No	Roll no.	NAME	Project Title
1	1	ACHARYA OM DEVENDRA	Maglev Train
	2	ADKURKAR PARAS PRAKASH	
	3	AGRAWAL SHAILESH RAJESH	
	4	AMAAN SHAKIL COATWALA	
	5	ANSARI GULAM RABBANI MOHAMMAD SANI	
	6	ASHARA PULKIT ASHWIN	
	7	AVHAD RUSHIKESH RAJENDRA	
2	8	BAINWAD JAYESH SHIVAJI	Obstacle Avoiding Car
	9	BANDIVDEKAR SOHAM RAJENDRA	
	10	BARGE SHUBHAM SHAILESH	
	11	BARGUDE VIVEK GOPINATH	
	12	BARI SHREYAS ANIL	
	13	BAROTE ABHISHEK DILIP	
	14	BETAWADKAR GARGI SHRIGANESH	
3	15	BHAMARE MAYUR BHARAT	Light Fidelity (Li-Fi)
	16	BHAMARE PARTH KAILAS	
	17	BHATARE ARYAN MILIND	
	18	BHOIR PRATHMESH MAHENDRA	
	19	BHOIR SNIGDHA RAJENDRA	
	20	BIYANI ANCHAL ANAND	
	21	BORHADE SANKET KALYAN	
	22	BORHADE SHRUTI JAGDISH	

4	23	CHAKOR PRANALI LAXMAN	Bluetooth Switch
	24	CHAUDHARI AAKANKSHA SANTOSH	
	25	CHAUDHARI SARTH RAKESH	
	26	CHAUHAN OM VASANTBHAI	
	27	CHAVAN ANIKET SHIVDAS	
	28	CHAVAN ANUSHKA KAILAS	
5	29	CHAVAN ATHARVA SANTOSH	Wireless Energy Transfer
	30	CHAVAN YASH CHETAN	
	31	CHHOTARAY KAMAL SESADEV	
	32	CHIKKA KRISHA PRABHAKAR	
	33	CHITRE PRANALI PRASAD	
	34	CHOUDHARY VED MAHESH	
	35	DAHIWALE AYUSH MADAN	
6	36	DARJI MEET VIJAY	Smoke Detector
	37	DAS TANISHKA JAYESH	
	38	DESALE GAURAV KHUSHAL	
	39	DESHPANDE SHREYASH SHRIPAD	
	40	DEVROKHKAR CHINMAY MANGESH	
	41	DEVROKHKAR VAIDEHI VIJAY	
	42	DHAIGUDE VISHAL BAJIRAO	
7	43	DHANDAR PALLAVI RAJENDRA	Laser Security Alarm System
	44	DHAVAL SARWADEEP VIJAY	
	45	DHOKE CHINMAY MAHENDRA	
	46	DONGRE ADVAIT NITIN	
	47	GADAG VAIDEHI DEEPAK	
	48	GAWADE PRATHAMESH MANGESH	
	49	GAWAI SUMIT ASHOK	
8	50	GAWALI RITESH RAMESH	Laser Security Alarm
	51	GORE SOHAM VILAS	
	52	GOWARI ROHAN KISAN	
	53	GUPTA ANJALI AJAYKUMAR	
	54	GURAV RITESH RAVINDRA	
	55	HARKULKAR HARSHADA BHALCHANDRA	

	56	HINGRAJIYA AAKASH SURESH	
9	57	HINGU JATUSH VASANTRAI	Light Sensing Photodiode
	58	JADHAV PARAS GANESH	
	59	JADHAV RUTURAJ KALYANRAO	
	60	JADHAV SHREEYASH MAHENDRA	
	61	JAGDALE VEDANT MAHESH	
	62	JAIN VEER PRASHANT	
	63	NADAR AKASH RAJAPANDIAN	
10	64	PANJARI OM SHAILESH	Water Turbine System
	65	PARMAR JAYVIN	
	66	PATEL JYOTI HASMUKH	
	67	TUMSARE ANKUL	
	68	YADAV SATYAM YOGENDRA	



Dr. Suraj Vishwakarma
(Subject Incharge)



Dr. Sunayana Jadhav
(Head of Department)



**VIDYAVARDHINI'S COLLEGE OF ENGINEERING
AND TECHNOLOGY**

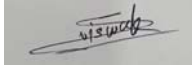
K. T. Marg, Vasai Road (West) Pin-401202
Department of First Year Engineering



Sub:EP-I&II Branch /Div :- Comps2/Div -F Faculty Name: Dr. Suraj B Vishwakarma			
Mini Project List (Academic year-2022-2023)			
Group No	Roll no.	NAME	Project Title
1	1	BORAD KRUNAL SANJAY	Home Security System
	2	DESHMUKH OMKAR MANAJIRAO	
	3	JAIN JAINAM RAJESH	
	4	JENA ANSHUMAN DEBENDRA	
	5	JETHWA KASHYAP KISHOR	
	6	JHA ANIKET AVDHESH	
	7	JILLA SAIVAMSHI RAMKRISHNA	
2	8	KADAM ABHIJEET SHIVAJI	water Turbine System
	9	KADAM PIYUSH GOPAL	
	10	KADAM SHUBHAM SUNIL	
	11	KADAM TANVI SUNIL	
	12	KAJARE DHRUV MAHENDRA	
	13	KALE VEDANT UMESH	
	14	KALYANKAR SIDDHESH RAJESH	
3	15	KANAMARLAPUDI SHIVANI KRISHNA	Smoke Detector
	16	KATHAVATE ASHIRWAD SUNIL	
	17	KOKKUL VINAYAK PRASHANT	
	18	KORE JAY SANTOSH	
	19	KOTADIA JENIL RAJESH	
	20	KOTHARI NAINA DHARAMPAL	
	21	KUCHEKAR DHRUV KAILAS	
	22	KULSUM WAJIHA ARSHAD	

4	23	KUMHAR SONU BANWARILAL	Laser Security Alarm
	24	KUSHE PIYUSH SAGAR	
	25	LAD MIHIRKUMAR VIKRAMBHAI	
	26	MADANE PRACHI SANTOSH	
	27	MAKADIYA VATSAL JITENDRA	
	28	MALI ROHIT GANESH	
5	29	MALI SUMIT RAJENDRA	Line Following Robot (LFR) using Arduino UNO and IR Sensors
	30	MANE ASHISH AJINATH	
	31	MANE SIDDHESH SUDHAKAR	
	32	MANE VISHAL RAMESH	
	33	MANJREKAR YASH VISHAL	
	34	MAZUMDER SAMBIT SNEHANGSHU	
	35	MHATRE SMIT UMESH	
6	36	MISAL VEDIKA PRABHAKAR	Young's Double Slit Experiment
	37	MITTAPELLI MADHAV RAVI	
	38	MULIK BHASKAR SUNIL	
	39	NAIR CHAITRA MANOJ	
	40	NALE JUHI BHAURAO	
	41	NARAYANKAR TANMAY HANMANT	
	42	NEHETE JAYESH NARENDRA	
7	43	PACHPOR SHRUTI SANJAY	water Turbine System
	44	PALKAR SUYASH SANTOSH	
	45	PANDERE SOHAM VIJAY	
	46	PANDEY PRATHMESH RAJENDRA	
	47	PARAB VINIT DINESH	
	48	PASHTE OMKAR HARICHANDRA	
	49	PATADE YASH MANOHAR	
8	50	PATIL CHANDAN DILIP	Laser Security Alarm
	51	PATIL CHIRAG CHANDRAKANT	
	52	PATIL DHRUV PRABHAKAR	
	53	PATIL DISHA RAVINDRA	
	54	PATIL GAURAV KISHOR	
	55	PATIL GAURESH AJIT	

	56	PATIL JASH NILESH	
9	57	PATIL KANCHAN DHARMENDRA	Wireless Powers transfer
	58	PATIL MEGH NITIN	
	59	PATIL PRATHAMESH VAIBHAV	
	60	PATIL TANMAY DHANRAJ	
	61	PEDDAGOLLA TIRUPATHI NAGESH	
	62	PINGALE MONALIKA SANJAY	
	63	PISAL PRANAV NARAYAN	
10	64	PRABHUDESAI TANVI RAJENDRA	Smoke Detector Alarm
	65	PRAJAPATI JITENDRA BHIMARAM	
	66	SHAH HETANSHI NILESH	
	67	TARMALE NEHA	
	68	THOKE AJINKYA KESHAV	



Dr. Suraj Vishwakarma
(Subject Incharge)



Dr. Sunayana Jadhav
(Head of Department)



**VIDYAVARDHINI'S COLLEGE OF ENGINEERING
AND TECHNOLOGY**

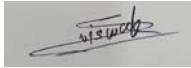
K. T. Marg, Vasai Road (West) Pin-401202
Department of First Year Engineering



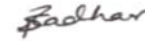
Sub:EP-I&II Branch /Div :- Comps3/Div -H Faculty Name: Dr. Suraj B Vishwakarma			
Mini Project List (Academic year-2022-2023)			
Group No	Roll no.	NAME	Project Title
1	1	BAUSKAR SANKET RAJESH	Water Turbine System
	2	BHATT SHASHANK SUBHASH	
	3	BHURKE UDIT SUMEDH	
	4	CHAUDHARI SHREYA SANJAY	
	5	KHOT YASH SUDHIR	
	6	MEHTA RIDDHI VIPUL	
	7	MOHADIKAR YASH PURUSHOTTAM	
2	8	PAL SUNIDHI	Full Wave Rectifier
	9	PANDEY PRAYAS BIPIN	
	10	PAREEK SUVIDHI VISHNU	
	11	PATIL VEDANT VILAS	
	12	POOJARI ROSHAN SURESH	
	13	QURESHI MOHAMMAD FAISAL ABRAR AHME	
	14	RAJPUT KHYATI BHUPENDRA	
3	15	RATHOD ASHWINI SHIVAJI	Heart Beat Sensor
	16	RATHOD KARTIK KAILASH	
	17	RATHOD SACHIN PRAKASH	
	18	RATHOD TRUSHANT NANABHAI	
	19	RATHOD VIVEK DEVIDAS	
	20	RAUL ARYA BHUPENDRA	
	21	RAUT AADI SHAILESH	
	22	RAUT ISHA GAJANAN	

4	23	RAUT NEHAD ZABEEH	Laser light Security System
	24	RAUT PRACHI CHANDRAKANT	
	25	REWALE PRANAV CHANDRAKANT	
	26	SAHU AYUSH VIJAY	
	27	SAKPAL ANISH SANDEEP	
	28	SANGLE KARTIK DILIP	
5	29	SAPALIYA VAIBHAV VINOD	Obstacle avoiding car
	30	SAVE DHRUV PRASHANTKUMAR	
	31	SAWANT ATHARV SHAILENDRA	
	32	SAWANT SWAPNIL VITTHAL	
	33	SAYED ABDUS SAMI MOHAMMED ALI	
	34	SAYED TANZIL SHAFIQUE	
	35	SAYYED DASTIGEER NISAR	
6	36	SHAH MEET ASHOK	Magnetic Shock Absorber
	37	SHAIKH SHAKIB AHMAD REZA AHMAD	
	38	SHAIKH WAHID BORJAHAN AFTAB SHAIK	
	39	SHETE ADITYA LAXMIKANT	
	40	SHETTY DAKSHITH RAMESH	
	41	SHETTY SHISHIR RAJENDRA	
	42	SHINDE AISHWARYA SANTOSH	
7	43	SHIVALKAR HEMANT JAYANT	Sound Energy
	44	SINGH RAHUL SANJAY	
	45	SOLMINDE JAYESH SHIVAJI	
	46	SONAWANE DURVESH GAUTAM	
	47	SUREKA ADITYA MANISH	
	48	SURVE BHOOMIKA SACHIN	
	49	TAMBE MANN RAVINDRA	
8	50	TARE KAUSHAL PRAVIN	Water Turbine System
	51	TATHOD SHRIKANT SUBHASH	
	52	TATKARE VAIBHAV RAJARAM	
	53	THAKUR SHREEL MAHESH	
	54	THORAT UTTAM KESHAV	
	55	TIWARI ABHISHEK SANTOSH	

	56	TIWARI AKSHAY PRADEEP KUMAR	
9	57	UPADHYAY HARSH MAHENDRA	Young's Double Slit Experiment
	58	USHINKAR KUNAL UTTAM	
	59	VADHIA KUNJ JIGNESH	
	60	VANJARI ARYAN AMOL	
	61	VIRKAR SUPRIYA SUBHASH	
	62	VYAS KSHITIJ ASHOK	
	63	YADAV ANKITA ASHISH	
10	64	YADAV ANUJKUMAR BIRENDRAKUMAR	Hydraulic Breaking System
	65	YADAV BHUPENDRA RAMDULAR	
	66	YESADE SUMIT BABURAO	
	67	YESANE SANDESH PRAKASH	
	68	ZIMAL KUMUD MOHAN	



Dr. Suraj Vishwakarma
(Subject Incharge)



Dr. Sunayana Jadhav
(Head of Department)

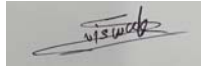


**VIDYAVARDHINI'S COLLEGE OF ENGINEERING
AND TECHNOLOGY**

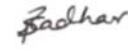
K. T. Marg, Vasai Road (West) Pin-401202
Department of First Year Engineering



Sub:EP-I&II Branch /Div :- Mech/Div -A Faculty Name: Dr. Suraj B Vishwakarma			
Mini Project List (Academic year-2022-2023)			
Group No	Roll no.	NAME	Project Title
1	1	ADBAL KOMAL AATMARAM	Fire Alarm System
	2	BANDRE MARTIN MANOJ	
	3	BARGUDE KUNAL TUKARAM	
	4	BHOIR HITESH GANESH	
	5	BHOIR JIDNYEYA SHYAM	
	6	BHURKUD DEEP SUHAS	
	7	BREED NIRMIT WAMANRAO	
2	8	CHANDALIYA HARSH DINESH	Laser Security System
	9	DAHAKA OM PRASHANT	
	10	DHANU DHRUV RAJESH	
	11	DIWALE SAISH ABHAY	
	12	GUPTA SUNNY AMAR	
	13	KARKERA ANURAG RAJENDRA	
	14	KATHAIT HARSHVARDHAN RAJESH SINGH	
3	15	LAHANGE TRUNAY VINOD	Half Wave Rectifier
	16	MANJREKAR SHRUTI SUDHIR	
	17	MASAL VIKAS VITTHAL	
	18	MISHAL SOHAM PRADEEP	
	19	MISHRA AMAN RANJEET	
	20	MORE ARYAN RAJENDRA	
	21	NADAR JAYSURYA RAJADURAI	
	22	NIVATE MANAV MOHAN	



Dr. Suraj Vishwakarma
(Subject Incharge)



Dr. Sunayana Jadhav
(Head of Department)

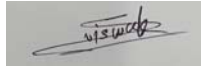


**VIDYAVARDHINI'S COLLEGE OF ENGINEERING
AND TECHNOLOGY**

K. T. Marg, Vasai Road (West) Pin-401202
Department of First Year Engineering



Sub:EP-I&II Branch /Div :- Mech/Div -A Faculty Name: Dr. Suraj B Vishwakarma			
Mini Project List (Academic year-2022-2023)			
Group No	Roll no.	NAME	Project Title
1	1	ADBAL KOMAL AATMARAM	Fire Alarm System
	2	BANDRE MARTIN MANOJ	
	3	BARGUDE KUNAL TUKARAM	
	4	BHOIR HITESH GANESH	
	5	BHOIR JIDNYEYA SHYAM	
	6	BHURKUD DEEP SUHAS	
	7	BREED NIRMIT WAMANRAO	
2	8	CHANDALIYA HARSH DINESH	Laser Security System
	9	DAHAKA OM PRASHANT	
	10	DHANU DHRUV RAJESH	
	11	DIWALE SAISH ABHAY	
	12	GUPTA SUNNY AMAR	
	13	KARKERA ANURAG RAJENDRA	
	14	KATHAIT HARSHVARDHAN RAJESH SINGH	
3	15	LAHANGE TRUNAY VINOD	Half Wave Rectifier
	16	MANJREKAR SHRUTI SUDHIR	
	17	MASAL VIKAS VITTHAL	
	18	MISHAL SOHAM PRADEEP	
	19	MISHRA AMAN RANJEET	
	20	MORE ARYAN RAJENDRA	
	21	NADAR JAYSURYA RAJADURAI	
	22	NIVATE MANAV MOHAN	



Dr. Suraj Vishwakarma
(Subject Incharge)



Dr. Sunayana Jadhav
(Head of Department)



**VIDYAVARDHINI'S COLLEGE OF ENGINEERING
AND TECHNOLOGY**

K. T. Marg, Vasai Road (West) Pin-401202
Department of First Year Engineering

Sub:EP-I&II Branch /Div :- Civil/Div -A Faculty Name: Dr. Suraj B Vishwakarma

Mini Project List (Academic year-2022-2023)

Group No	Roll no.	NAME	Project Title
1	44	ATHAWALE VIKRANT BALKRISHNA	Crystal Models of SC,BCC and FCC
	45	CHHUALSINGH SIDHARTH BULU	
	46	CHOLE ANIKET VITTHAL	
	47	GAUD VISHAL SUGHRIV	
	48	GHARAT DARPITA SACHIN	
	49	GUPTA AJIT RAJKUMAR	
2	50	MAURYA RANJANA SHYAMBAHADUR	Water turbine
	51	MISAL KRUNAL SURESH	
	52	MOHITE MEGHANA FAKIR	
	53	PATIL GIRISH SANTOSH	
	54	SAYED FARHAAN SALIM	
	55	SHIGWAN CHETAN MOHAN	
	56	SINGAD SHUBH MAHESH	
3	57	SONI AKSHAT SANTOSH	Crystal Models of SC,BCC and FCC
	58	TIWARI DHARMESH SANTOSH	
	59	VASAVE MANDAR DASHRATH	
	60	VISHE ANISH KISHOR	

Dr. Suraj Vishwakarma

Dr. Sunayana Jadhav

(Subject Incharge)

(Head of Department)



**VIDYAVARDHINI'S COLLEGE OF ENGINEERING
AND TECHNOLOGY**

K. T. Marg, Vasai Road (West) Pin-401202
Department of First Year Engineering

Sub:EP-I&II Branch /Div :- EXTC/Div -B Faculty Name: Ambuj Tiwari

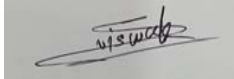
Mini Project List (Academic year-2022-2023)

Group No	Roll no.	NAME	Project Title
1	1	AKRE TANVI NILESH	Smoke Detector
	2	AMBHORE KSHITIJA RAVI	
	3	AVHAD ROHIT RAJESH	
	4	BARI KHUSHI MANOJ	
	5	BALDEVA ARPITA ANILKUMAR	
	6	BELEL ASHISHKUMAR LAXMIKANT	
	7	BHIRUD DARSHAN NITIN	
2	8	BHOGAL ARSHVEERSINGH NARINDERSINGH	Smoke and Fire Alarm
	9	BHOIR KRUPESH RAMESH	
	10	BOSAMIYA BHAKTI ARVIND	
	11	CHALPELWAR ANUP PRABHAKAR	
	12	CHAUDHARI MAYURESH DNYANESHWAR	
	13	CHAUDHARI NIRMAL DHANANJAY	
	14	CHAUHAN CHETAN MURLIDHAR	
3	15	CHAVAN PRANAV SUNIL	Automated Street Light
	16	CHAVAN SANIYA SHASHIKANT	
	17	DEOKAR SAMRUDDHI SURYAKANT	
	18	DESAI CHINTAN ASHISH	
	19	DHANGAR YOGESH SHRIKANT	
	20	DOSHI SNEHA KALPESH	
	21	GANDHU PIYUSH JITENDRA	



4	22	GHARAT KANIKA SHASHANK	Laser Security Alarm
	23	GHARAT SANIL PRAMOD	
	24	GIRASE ADITYA BHAGWANSING	
	25	GURAV PARAG DIPAK	
	26	GURAV SANKET SATISH	
	27	JADHAV ATHARVA BALARAM	
	28	KADAM AJINKYA ANIL	
5	29	KHAN AZHAR FAKREALAM	Sensors
	30	LONKAR KRUTIKSHA DILIP	
	31	MALI ROHIT BHATU	
	32	MHATRE JANHAVI JAGDISH	
	33	MISHRA PARTH AMIT	
	34	MORE KRISH DEVENDRA	
	35	NARVEKAR SHIVAM SANTOSH	
6	36	PADALKAR SAKSHI DEEPAK	Rain Detector
	37	PAL ADITYA HARIVILAS	
	38	PANCHALAN DARSHA GANGADHARAN	
	39	PARKAR PRATIK YOGESH	
	40	PATIL PAWAN PURUSHOTTAM	
	41	PATIL SARVESH HANMANT	
	42	PAWAR AYUSH VIJAY	
7	43	POTE DISHA UMESH	Automatic Plant Watering
	44	RAJPUT PRUTHVIRAJSIH ANIL	
	45	RATHOD ASHISH VIJAY	
	46	RATHOD KAVISH DILIP	
	47	RAUT ALAP TUSHAR	
	48	RAUT PRAPTI AMOL	
	49	SHAIKH ALFIYA MOHAMMED YUSUF	
8	50	SHETTY PRATHAM HARISHCHANDRA	Ultrasonics Distance Meter
	51	SHIGAM ADITYA RAJESH	
	52	SHRIRAM SANJAY THAKARE	
	53	SINGH AADARSH SUNIL	
	54	SOMAN VIKAS ASHOK	

	55	TALEKAR TANMAY SANTOSH	
	56	TANDEL SIDDHIKA MANGESH	
9	57	TARU SONAL ARUN	Heart Beat Sensor
	58	THAKUR KARTAVYA UDAY	
	59	THAKUR OM MAHESH	
	60	TRIMBAKE ROSHANKUMAR NANDKUMAR	
	61	UPADHYA CHINMAYI UMESH	
	62	VARTAK AARYA SHARAD	
	63	VARTAK ARYA NINAD	
10	64	WAKDE PRATYUSH PREMCHAND	Solar Tracker
	65	YADAV RAJENDRA OMKARNATH	
	66	ZORE SANTOSH LAXMAN	



Dr. Suraj Vishwakarma
(Subject Incharge)



Dr. Sunayana Jadhav
(Head of Department)



**VIDYAVARDHINI'S COLLEGE OF ENGINEERING
AND TECHNOLOGY**

K. T. Marg, Vasai Road (West) Pin-401202
Department of First Year Engineering

Sub:EP-I & II Branch /Div :- IT/Div -D Faculty Name: Ambuj Tiwari

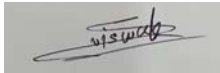
Mini Project List (Academic year-2022-2023)

Group No	Roll no.	NAME	Project Title
1	1	ACHARYA RUTVIJ MAHESH	Solar tracker
	2	BABREKAR SAKET VAIBHAV	
	3	BAGWE SAISH APPA	
	4	BAWANE ADITYA PRASHANT	
	5	BHOIR KARAN PRAMOD	
	6	CHAVAN CHIRAG ANIL	
	7	CHAVAN SIDDHI VIJAY	
2	8	CHOUDHARY BHARAT GANESH	Hydraulic Power system
	9	DESHMUKH NIHAL SHASHIKANT	
	10	DOKE YASH ANKUSH	
	11	GAIKWAD PRIYANKA BAPURAO	
	12	GUPTA ADITI RAMRAJ	
	13	HINGU RITIK DINESHBHAI	
	14	INAMDAR FARHAN MATIN	
3	15	IPPAKAYAL PRANAY DEEPAK	Water turbine system
	16	JADHAV HARSH MAHESH	
	17	JADHAV UMESH PREMCHAND	
	18	JANATHE SHREYA BABU	
	19	JATHAR SOHAM PRASANNA	
	20	KAMBLE BHUMI SUBHASH	
	21	KASKAR YASH VILAS	
22	KATHE SHREYA VINOD		

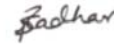


4	23	KENI AKASH DILIP	Magnetic shock absorber
	24	KESHARAWANI SUJAL ASHARAFILA	
	25	MACHHI KHUSHI BHALCHANDRA	
	26	MADANE KISHOR SURYAKANT	
	27	MARWAHA MANDEEP SINGH SATNAM SINGH	
	28	MISHRA PRATHAMESH DEVPRAKASH	
5	29	NANDOSKAR PARAG SANJAY	Infrared sensors
	30	NAVALE SAKSHI SHIVNATH	
	31	PALKAR PRITI KIRANPRAKASH	
	32	PAREKH DHRISH PARAG	
	33	PASHTE SOHAM SHIVAJI	
	34	PATEL RAHUL DHANESHWAR	
	35	PATEL RIDDHI PRAKASH	
6	36	PATHE SHREYAS SUNIL	Fire smoke alarm detector
	37	PATIL ATHARVA ARVIND	
	38	PATIL JIDNYASA SANTOSH	
	39	PATIL KUNAL VIKAS	
	40	PATIL NIKHIL MAHENDRA	
	41	PATIL PRATIK SANJAYRAO	
	42	PATIL VEDANT SHARAD	
7	43	PATIL VIPUL PREMSING	Smoke Detector
	44	PHATKARE SIDDHI ANANT	
	45	PILLAI SRIDHAR SUNIL	
	46	RANE PRANALI ANIL	
	47	RASAL PAVAN DILIP	
	48	ROGE DURVESH KRISHNA	
	49	ROYAL SHIVEN SUSHIL	
8	50	SABLE ARYA PRALHAD	Magnetic accelerator
	51	SAHAMATE SHUBHAM TUSHAR	
	52	SANKHE MEET BHUPESH	
	53	SARAK NIKHIL BAJIRAO	
	54	SHAH SAHIL DIPAK	
	55	SHAIKH SHEZAN GULAM AFROZ	

	56	SHAIKH TAWAB SAHIR	
9	57	SHELAR KAMLESH SUNIL	Wireless energy transfer
	58	SHETTY SANGINI JAYARAM	
	59	SINGH HARSH VIKRAM	
	60	SINGH JANHAVI RAJKUMAR	
	61	SINGH SHUBHAM PANKAJ KUMAR	
	62	SONGIRA MIHIR MAHENDRA	
10	63	TELTUMBDE MANSI DURLABHADAS	Water turbine System
	64	TUMADE YASH JAGDISH	
	65	YADAV PIYUSH KRISHNADUTT	
	66	YADAV SHIVAM GHANSHYAM	
	67	YEMUL VIGNESH ASHOK	



Dr. Suraj Vishwakarma
(Subject Incharge)



Dr. Sunayana Jadhav
(Head of Department)



**VIDYAVARDHINI'S COLLEGE OF ENGINEERING
AND TECHNOLOGY**

K. T. Marg, Vasai Road (West) Pin-401202
Department of First Year Engineering

Sub:EP-I&II Branch /Div :- CSE& DS/Div -E Faculty Name: Ambuj Tiwari

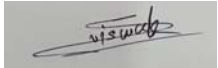
Mini Project List (Academic year-2022-2023)

Group No	Roll no.	NAME	Project Title
1	1	AHIRE DINESH NANDU	Ultra Sonic distance meter
	2	ANSARI MOHD AHMED MOHMMED YUNUS	
	3	BHAVSAR PRATHAM PUNIT	
	4	BHOIR PRANAY JAYVANT	
	5	BHOSALE ADITYA	
	6	CHAKRAVARTY SIDDHARTH SUKHAMOY	
	7	CHAUDHARI APURV PARAG	
2	8	CHOUDHARY ROSHAN NAVIN	Hydraulic Power system
	9	DADHEKAR SHREYA PARESH	
	10	DESHMUKH JAYESH MANOHAR	
	11	DESHWAL SHUBHAM KRISHNA	
	12	DHANGADA JYOTI DEEPAK	
	13	GADHAVE RUTUJA DADASAHEB	
	14	GHAT OM YASHWANT	
3	15	GHAT SAGAR YASHWANT	Water turbine system
	16	GHUGARE ARYAN MANOHAR	
	17	GUPTA BABITA PITAMBER	
	18	GUPTA SNEHA RAJESH	
	19	INGALE TEJAS SHAMRAO	
	20	JAGNE SAMIKSHA UMESH	
	21	JAGTAP ANUSHKA NITIN	

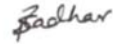


4	22	KAMBLI KEWAL HITESH	SOUND
	23	KAMBLI MEET PRAMOD	
	24	KARIYA AKANSHA SHRIKANT	
	25	KEVADIYA PARTH NARSHIBHAI	
	26	KHADE YOGITA RAVINDRA	
	27	KHAN ZAHEER SHARIF	
	28	KOKARE TEJAS TANAJI	
5	29	KUMBHAR YUTIKA SATISH	Sensors
	30	MANGALAMPALLI SWAPNIL M K MOHA	
	31	MAURYA DEEPA BIRENDRA SINGH	
	32	MAURYA JYOTI BIRENDRA SINGH	
	33	MISHRA ABHISHEK SANJAY	
	34	MISTRY MEETKUMAR JITENDRAKUMAR	
	35	MOHANTY GARIMA SUMIT	
6	36	MOHATA KANISHKA BANWARI	Laser security Alarm
	37	MOR RAJ JAYSUKHBHAI	
	38	NAG AYUSH ASHOK	
	39	NAVLAKHA VINIT SUSHIL	
	40	PAL ADITYAKUMAR MANOJKUMAR	
	41	PANDEY ADARSH MANOJ	
	42	PANDEY SHIKHA VINOD	
7	43	PARAB AKSHAT SUHAS	Hybrid solar and wind energy
	44	PARAMBIL ADITHYA JAYAKUMAR	
	45	PATIL CHINMAY ANANT	
	46	PATIL HARSHVARDHAN NIKESH	
	47	PATIL PRATHAMESH LILADHAR	
	48	RAHATWAL SAHIL DHARMESH	
	49	RASAL ADITI SATISHKUMAR	
8	50	RAUL SANIKA LAXMAN	Ultrasonic distanced meter
	51	RAUT VED VIPUL	
	52	RODE BALAJI DNYANOBA	
	53	SALUNKE SAHIL SHASHIKANT	
	54	SANAP HARDIK PRAKASH	

	55	SANKHE YASH PRADIP	
	56	SATVE RUDRA DEEPAK	
9	57	SAVE SIDDHAY BHARAT	Solar tracker
	58	SHERKAR BHOOMI VIPUL	
	59	SHETTY SHUBHAM NIRANJAN	
	60	SHETYE HITESH MAHESH	
	61	SHIVPUJE SOHAM SATISH	
	62	SONI RUDRA MAHESH KUMAR	
10	63	TARAI RAHUL PRAKASH	Youngs Duple Slit Experiment
	64	TAWADE ADITYA SAMEER	
	65	TIWARI SHWET BANKTESH	
	66	ZORE NIKHIL GANPAT	



Dr. Suraj Vishwakarma
(Subject Incharge)



Dr. Sunayana Jadhav
(Head of Department)



**VIDYAVARDHINI'S COLLEGE OF ENGINEERING
AND TECHNOLOGY**

K. T. Marg, Vasai Road (West) Pin-401202
Department of First Year Engineering

Sub:EP-I&II Branch /Div :- AIDS/Div -G Faculty Name: Ambuj Tiwari

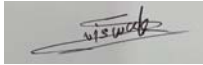
Mini Project List (Academic year-2022-2023)

Group No	Roll no.	NAME	Project Title
1	1	Avhad Pratik Sanjay	Ultra Sonic distance meter
	2	Bhandari Priyanka Narendra	
	3	Borse Umang Laxmikant	
	4	Chaudhari Gautam Devendra	
	5	Chaudhari Kunal Jagdish	
	6	Chavate Ankush Pundlik	
	7	Chiplunkar Atharva Vidyadhar	
2	8	Dhuri Kiran Vishnu	Automatic streetlight
	9	Dubey Kartikey Anil	
	10	Gaikwad Aryan Kantilal	
	11	Gaikwad Siddhi Anand	
	12	Gharat Dhruv Amit	
	13	Gole Aaryan	
	14	Gupta Ayush Kodai	
3	15	Hudekar Shreeya Sunil	Youngs Duple Slit Experiment
	16	Jaffari Mohammed Ali Sayyed Naqi Ali	
	17	Jani Charmi Ketan	
	18	Jha Nitish Anil	
	19	Kakade Swarup Satish	
	20	Kale Nishant Sanjay	
	21	Karekar Tejashree Anand	
	22	Khairi Sunit Sunil	

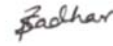


4	23	Khot Sainath Santosh	Fire smoke alarm detector
	24	Kini Apurv Sanjay	
	25	Machado Suzen Rakesh	
	26	Mahadik Ketan Navnath	
	27	Mane Saurabh Uttam	
	28	Mane Vijendra Somanath	
5	29	Mangaonkar Rohan Ganpat	Water turbin system
	30	Mayekar Ayush Pritam	
	31	Mayekar Yash Vilas	
	32	Mitanksh Rajesh Gosalia	
	33	Mohanty Shubham Sanjaykumar	
	34	Murudkar Lavanya Nitin	
	35	Naik Harsh Dattatray	
6	36	Narute Vaibhav Sopan	Hydraulic power system
	37	Pakhidde Sandesh Anil	
	38	Panchal Dnyanesh Baburao	
	39	Pandey Krithik Devendra	
	40	Parab Aryan Mohan	
	41	Pardeshi Saurabhsing Dipaksing	
	42	Pathak Tarun Premnarayan	
7	43	Pathan Afnan Esak	Laser security alarm
	44	Patil Akhilesh Ravindra	
	45	Patil Jay Nilesh	
	46	Patil Ninad Ramesh	
	47	Patil Om Nana	
	48	Patil Sakshi Prabhakar	
	49	Patil Yash Vijay	
8	50	Pawar Vedika Vijay	Semiconductor
	51	Pednekar Rutuja Bhushan	
	52	Prajapati Preeti Rambahal	
	53	Rathod Pradeep Lahu	
	54	Raut Chirag Deepak	
	55	Sawant Aniruddh Surendra	

	56	Shetty Pranav Sujith	
9	57	Shetty Rithesh Tharanatha	Laser security system
	58	Shetty Vinith Vittal	
	59	Singh Rahul Rammilan	
	60	Surti Dhir Vijay	
	61	Sutar Saloni Ankush	
	62	Tripathi Harsh Rajiv	
10	63	Upadhyay Shagun Hrishikesh	Water Turbine
	64	Vishwakarma Saurabh Sushil	
	65	Wankhede Shreya Ganesh	
	66	Vishwatej Babasaheb Sarang	
	67	Yadav Rony Shankar	
	68	Yadav Shlok Rajbahadur	



Dr. Suraj Vishwakarma
(Subject Incharge)



Dr. Sunayana Jadhav
(Head of Department)

Vankudre
Harish
Vasant



Digitally signed by Vankudre Harish Vasant
DN: c=IN, o=Personal, title=1548,
pseudonym=1332473611507543861Fc4mhp6n
Y2WY5,
2.5.4.20=bc08d1d6cd75f5631d62943385aea50a
df2cb09766e46f2210fac1b78ccb3922,
postalCode=411046, st=Maharashtra,
serialNumber=19833f1300c65342be190a52b30
862c8bcb9868c16ed0b45bb2247a2707f1da3,
cn=Vankudre Harish Vasant
Date: 2024.02.29 17:36:06 +05'30'