Criteria Number: 3

Criteria Name: Research, Innovation and Extension

Sub criteria Number: 3.4.1

Sub-criteria Name: Extension Activities

3.4.1 Outcomes of Extension activities in the neighbourhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

The documentary evidence can be accessed by clicking on the link given.

Supporting Documents

Sr No	Activity Details	Committee	Link
1	Mega Donation Collection and distribution	NSS VCET	Supporting Documents
2	Webinar on "Leaving no one behind" World Tribal Day	NSS VCET	Supporting Documents
3	Street play on Social Equality and standup against social injusticeYouth Day Street Play- Constitution Day of India	NSS VCET	Supporting Documents
4	Sadak Suraksha Motorcycle Rally & Street Play	NSS in association with Brahmakumaris Vasai	Supporting Documents
5	Project on Crop health Analysis using Deep Learning Technique for higher crop production	Electronics and Tele-communication Engineering	Supporting Documents
6	IoT based Smart Farming methodologies	Electronics and Tele-communication Engineering	Supporting Documents
7	Beach Cleaning, Vasai-Virar	NSS VCET	Supporting Documents

8	Use of Plastic Survey	NSS VCET in association with Dhyas Foundation Vasai	Supporting Documents
9	Street play on waste management. Village. Kelthan	Gram Panchayat Kelthaan office	Supporting Documents
10	Tree Plantation Programme	Jeevdani Trust, Virar	Supporting Documents
11	Rain water harvesting awareness Village. Kelthan	Gram Panchayat Kelthaan office	Supporting Documents
12	Weed cleaning @Saphale Village	NSS VCET	Supporting Documents
13	Bund (Dam construction activity)	NSS VCET	Supporting Documents
14	Water quality survey Village. Kelthan	Gram Panchayat Kelthaan office	Supporting Documents
15	Rain water harvesting and waste management for community building	Civil Engineering Department	Supporting Documents
16	Renewable Biogas utilization for power generation	Mechanical Engineering Department	Supporting Documents
17	Say No to Drugs Activity	NSS VCET	Supporting Documents
18	Yoga Day	NSS VCET	Supporting Documents
19	Dos and Donts For Covid Vaccination	NSS VCET in association with Govt of Maharashtra - Vaccination Drive	Supporting Documents
20	Blood Donation Camp	Sir J.J.Mahanagar Blood Bank, Govt. of Maharashtra, Mumbai	Supporting Documents
21	Webinar on Organ Donation	NSS VCET	Supporting Documents
22	Project on hands Free Sanitizer developed by Mr.Sikandar Kanoujia	Electronics and Tele-communication Engineering	Supporting Documents
23	Project on hands Free and foot operated Sanitizer Despenser Machine developed by Ms.Riya Gavankar	Mechanical Engineering Department	Supporting Documents

24	Project on Smart Covid Face Shield and Mask developed by Rahul Kamble	Electronics and Tele-communication Engineering	Supporting Documents
25	Project on Biodegradable sanitary napkin making machine	Mechanical Engineering Department	Supporting Documents
26	Expert Lecture on Leadership, Innovation and Gender Constraint	Internal Complaint Committee	Supporting Documents
27	Rally-save girl child	Gram Panchayat Kelthaan office	Supporting Documents
28	Teaching Campaign	Karmaveer Bhaurao Patil School, Juchandra	Supporting Documents
29	Donation of Navneet Notebooks	Trinity Orphange Merces, Vasai	Supporting Documents
30	STEM project	IEEE SB VCET	Supporting Documents
31	Career guidance in secondary school Village. Kelthan	Gram Panchayat Kelthaan office	Supporting Documents
32	Project on communication for differently abled	Computer Engineering	Supporting Documents
33	Project on Augmented Reality in Education: The Smart Way of Learning	Electronics and Tele-communication Engineering	Supporting Documents

1_Mega Donation Collection and distribution

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2022- 2023
Title of the activity	MEGA-DONATION COLLECTION
Date of the activity	27/06/2022 - 15/07/2022
Description of the activity	PURPOSE OF DONATION DRIVE WAS TO COLLECT CLOTHES FROM DONORS AND DISTRIBUTE -RS
Venue of the event	VCET
Organizing committee	NSS
Number of participants	91

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

Date:- 17th June, 2022

To,
The Principal
VCET.

Subject: Mega Donation Collection

A mega clothes donation drive was held from 27/06/2022 to 15/07/2022 at Vidyavardhini's College of Engineering & Technology by the NSS Committee of VCET. The purpose of the drive was to collect clothes from donors and distribute them to the less fortunate individuals in the community. The event was a great success, with a large number of students from all over the college coming forward to donate clothes. The event was widely advertised through social media which helped to attract a large number of donors.

The collection drive began at 9:00 AM and continued until 5:00 PM. The volunteers worked tirelessly throughout the week to collect, sort, and pack the donated clothes. The donated clothes included new and gently used clothes, winter wear, and shoes for all age groups. The clothes were segregated based on their size and category and packed in large bags for distribution. The distribution of clothes was held on 23/07/2022, and the volunteers worked tirelessly to distribute the clothes to the underprivileged individuals and families in the community. The distribution drive continued and reached out to maximum people in the community.

The mega clothes donation drive was a huge success and achieved its goal of providing clothing to the less fortunate individuals in the community. The drive would not have been possible without the hard work of the volunteers and the

generosity of the donors. The event was a testament to the community's kindness and willingness to help those in need. The organizers plan to hold similar drives in the future to help more people in need.

Thank you

Dr.Pradip Gulbhile
Program Officer
NSS

Mega Donation Collection, 2022-23

Mega Donation Collection, 2022-23

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

MEGA DONATION COLLECTION

SR NO	NAME	YEAR
1	Rishabh Nahar	TE
2	Pallavi Thakur	TE
3	Nilesh Birje	TE
4	Niharika Das	TE
5	Soham Murudkar	TE
6	Siddhi Kolwankar	TE
7	Vedant Chaskar	TE
8	Prerna Gawali	TE
9	Pratham Ingawale	TE
10	Bhupeksha Patil	TE
11	Sanika Patil	TE
12	Jay Prajapati	TE
13	Rohit Redekar	TE
14	Hrushikesh Shetty	TE
15	Kshitij Patil	TE
16	Onkar Suryavanshi	TE
17	Rishabh Tripathi	TE
18	Riya Dutta	TE
19	Riddhi Chavda	TE
20	Vaishnavi Deokar	TE
21	Abhishek Hatui	TE
22	Omkar Jadhav	TE
23	Aditi Khambe	TE
24	Sanskruti Kokare	TE
25	Siddhi Kolwankar	TE
26	Archa Jadhav	TE
27	Prerna Kanekar	TE
28	Nikita Mundaye	TE
29	Shubham Nakashe	TE
30	Suyash Shelar	TE
31	Kshitij Shetty	TE
32	Radha Vishwakarma	TE
33	Sachin Rai	TE
34	Krish Vaity	TE
35	Prajakta Borse	TE
36	Sneh Dave	TE
37	Manas Raut	TE
38	Harsh Sharma	TE
39	Deekha Shetty	TE
40	Chetan Jawale	TE
41	Sahil Gujral	TE
42	Siddhi Jangam	TE
43	Aayush Jha	TE
44	Prinshi Jha	TE
45	Urvashi Patel	TE
46	Jidnyasa Patil	TE
47	Vrushti Sanghvi	TE

SR NO	NAME	YEAR
48	Ankita Bhosle	BE
49	Mayuresh Kada	BE
50	Ragini Nair	BE
51	Riya Raut	BE
52	Sushant Shetty	BE
53	Urmiksha Tawd	BE
54	Chaitanya Patil	BE
55	Sundar Chaudh	BE
56	Prathamesh Mc	BE
57	Syed Qadri Sira	BE
58	Aditi Rathod	BE
59	Ankur Saha	BE
60	Anagha Francis	BE
61	Shravan Tawde	BE
62	Durvesh Karjek	SE
63	Vinayak Deore	SE
64	Harshal Bhamr	SE
65	Prachi Shah	SE
66	Shruti Pawar	SE
67	Gauravi Patank	SE
68	Raghvendra De	SE
69	Soham Dahanu	SE
70	Suryanarayan (	SE
71	jagruti Borse	SE
72	Isha Kshatriya	SE
73	Tejal Mendhe	SE
74	Prathamesh Ma	SE
75	Rutuja Mestry	SE
76	Sahil Kulabkar	SE
77	Sayali Gupta	SE
78	Vaishnavi Gaik	SE
79	Amey Chaudari	SE
80	Vipul Bhoir	SE
81	Nishant Bhandi	SE
82	Parth Baradia	SE
83	Aryan Darade	SE
84	Ujjwal Upadhay	SE
85	Anirudha Jadha	SE
86	Shranya Rudral	SE
87	Akash Mourya	SE
88	Kavisha Pachal	SE
89	Vaishnavi Dung	SE
90	Anushka Supe	SE
91	Aditya Bhandar	SE

HRUSHIKESH SHETTY
NSS LEADER

P.O NSS

DEEKSHA SHETTY
UDAAN PRESIDENT

Mega Donation Collection and distribution

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2022 - 23
Title of the activity	MEGA DONATION DISTRIBUTION
Date of the activity	23/7/22
Description of the activity	MEGA DONATION ITEMS WERE DISTRIBUTED AT JEVAN SAHARA CHARITABLE TRUST, VASAI WEST
Venue of the event	JEEVAN SAHARA CHARITABLE TRUST
Organizing committee	VCET
Number of participants	33

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

Date:-23rd July,2022

To,
Date:-23rd July,2022
The Principal
VCET.

Subject: Mega Donation Distribution

Selfless hands connecting hearts results in overwhelming happiness. Having this thought in hearts and minds, the NSS Committee of Vidyavardhini College of Engineering and Technology, Vasai organized a Mega Donation event on 23rd July 2022. The event took place at **Jeevan Sahara Charitable Trust** Vasai (W) by 11 am.

Being one of the most prominent events on the calendars, this event was carried out by NSS volunteers with enthusiasm. The collected items for donation such as clothes (in wearable condition) and food grains were donated and equally distributed at the old age home. The elders were delighted to interact with the students and blessed them with overwhelming love and care. Before ending the event, the students interacted with the caretakers and said that they would visit there often.

Lastly the event was carried out successfully and with all safety precautions and concluded by thanking all the volunteers for their great efforts.

Thank You.

Dr.Pradip Gulbhile,
Program Officer,
NSS.

Mega Donation Event, 2022-23

Mega Donation Event, 2022-23

P.O. NSS

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

MEGA DONATION - Jeevan Sahara Trust.

SR NO	NAME	YEAR
1	Onkar Suryavanshi	TE
2	Hrushikesh Shetty	TE
3	Durvesh Karjekar	SE
4	Vinayak Deore	SE
5	Harshal Bhamre	SE
6	Prachi Shah	SE
7	Shruti Pawar	SE
8	Gauravi Patankar	SE
9	Raghvendra Devadiga	SE
10	Soham Dahanukar	SE
11	Suryanarayan Choudhury	SE
12	jagruti Borse	SE
13	Isha Kshatriya	SE
14	Tejal Mendhe	SE
15	Prathamesh Mayekar	SE
16	Rutuja Mestry	SE
17	Sahil Kulabkar	SE
18	Sayali Gupta	SE
19	Vaishnavi Gaikwad	SE
20	Amey Chaudari	SE
21	Vipul Bhoir	SE
22	Nishant Bhandigare	SE
23	Parth Baradia	SE
24	Ragini Nair	BE
25	Riya Raut	BE
26	Urmiksha Tawde	BE
27	Chaitanya Patil	BE
28	Sundar Chaudhary	BE
29	Syed Qadri Sirajuddin M.	BE
30	Aditi Rathod	BE
31	Ankur Saha	BE
32	Anagha Francis	BE
33	Shravan Tawde	BE

HRUSHIKESH SHETTY
NSS LEADER

P.O. NSS

DEEKSHA SHETTY
UDAAN PRESIDENT

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2_Webinar on "Leaving no one behind" World Tribal Day

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2021-22
Title of the activity	Webinar on "Leaving no one behind" World Tribal Day
Date of the activity	09-08-21
Description of the activity	A Webinar on World Tribal Day by Mr. Jagdish Gansare
Venue of the event	VCET
Organizing committee	NSS VCET
Number of participants	118

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2021-22)

Date:- 9 August 2021

To,
The Principal
VCET.

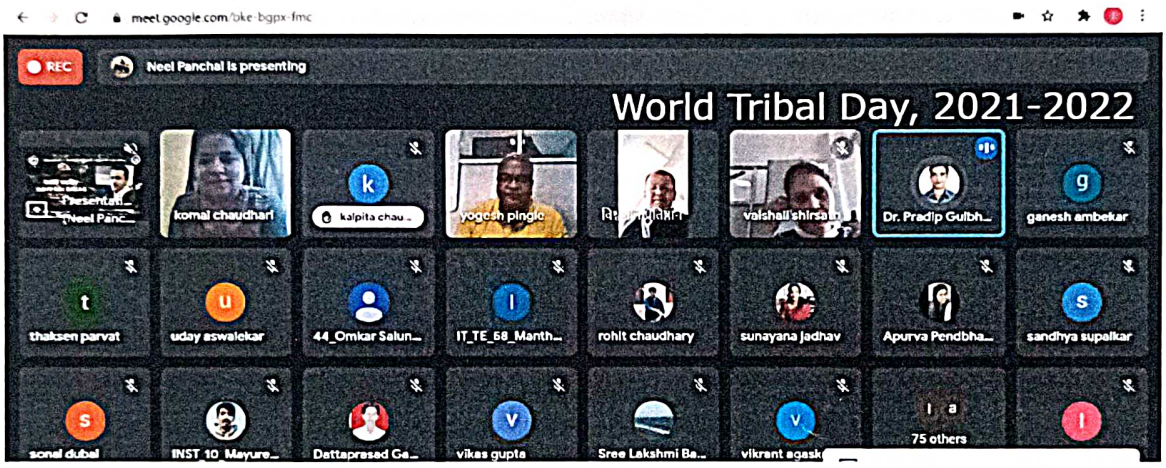
Subject: Report on Webinar on "Leaving no one behind" World Tribal Day , 9 August 2021

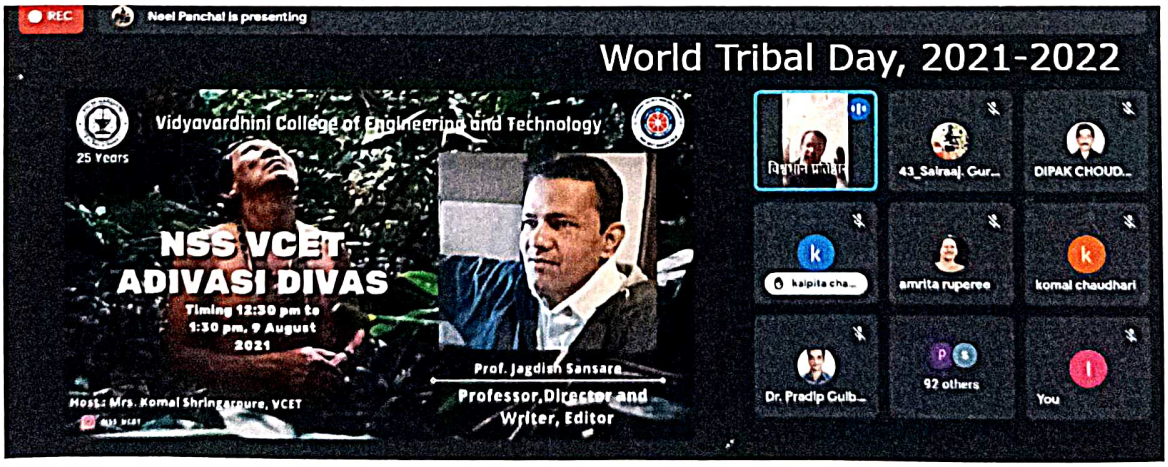
On the occasion of World Tribal Day, NSS Committee of Vidyavardhini's College of Engineering and Technology, Vasai had conducted a webinar on 9th August 2021 from 12:30pm onwards. The guest speaker of this event was **Mr. Jagdish Sansare** who is a professor, actor, writer ,editor and director. The session was conducted through google meet and the host of the event was Mrs. Komal Shringarpure, faculty member of VCET.

This event started with the speaker of the event giving a brief introduction about this event to the students present. The objective of this event mentioned a theme of "Leaving no one behind". The speaker talked about how various activities are performed to gain an appreciation and a better understanding of indigenous peoples. He also mentioned about promoting and protecting the rights of these tribal people along with that he acknowledged their contribution towards world issues such as environmental protection. Faculty members along with students attended this event.
Lastly, the host ended the event by giving a vote of thanks to the guest speaker, all the dignitaries and other committee members.

Thank You,

Dr.Pradip Gulbhile
Programme Officer
NSS





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P.O. NSS

Wordd Tribal day

NSS

Vidyavardhini's College of Engineering &Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

Sr. No.	Name	Year
1	Heramb Betawadkar	BE
2	Tanmay Sankhe	BE
3	Vaibhav Rai	BE
4	Vinit More	BE
5	Shubham Utekar	BE
6	Meet Mehta	BE
7	Rahul Chormare	BE
8	Parinistha Sharma	BE
9	Omkar Salunkhe	BE
10	Manoj Prabhu	BE
11	Rohit Salunkhe	BE
12	Bhavesh Gosavi	BE
13	Harsh Mittal	BE
14	Viren Borale	BE
15	Devansh Desai	BE
16	Mihir Dubey	BE
17	Tejas Chonkar	BE
18	Soham Madhvani	BE
19	Viraj Gavali	BE
20	Pranav Kulkarni	BE
21	Samruddhi Gamre	BE
22	Dhrumil Bhatt	BE
23	Krishna Maniyar	BE
24	Abhishek Amin	BE
25	Pritish Nayak	BE
26	Bhakti Raigawali	BE
27	Hrithik Gavankar	BE
28	Harsh Sambare	BE
29	Swapna Khade	BE
30	Suresh Borana	BE
31	Sairaaj Gurav	BE
32	Jessica Lobo	BE
33	Apurva Gurav	BE
34	Rahul Kamble	BE
35	Bhakti Shetty	BE
36	Ameya Late	BE
37	Shreelakshmi Balachandran	BE
38	Deepali Kothari	SE
39	Radha Vishwakarma	SE
40	Niharika Das	SE
41	Siddhi Kolwankar	SE
42	Tanishka Wani	SE
43	Urvashi Patel	SE
44	Priya Kamlesh Vadera	SE
45	Janvi Rajendra Chavan	SE
46	Rohit Sachin Redekar	SE
47	Omkar Suresh Suryavanshi	SE
48	Pallavi Thakur	SE
49	Prena Gawali	SE

P.O. NSS

50	Aayush Sanjay Jha	SE
51	Pratham Ingawale	SE
52	Prajakta Borse	SE
53	Vrushti Sanghavi	SE
54	Mitali Rawat	SE
55	Jidnyasa Patil	SE
56	Om Rajesh Tiwari	SE
57	Deeksha Shetty	SE
58	Rahul Shah	SE
59	SHIKHAR DHRUV MEHTA	SE
60	Jay Kamlashankar Prajapati	SE
61	Riddhi Chavda	SE
62	Naman Annadate	SE
63	Aditi Bhatt	SE
64	Pradip Pal	SE
65	Shen Dave	SE
66	Hrushikesh Shetty	SE
67	Sanika Patil	SE
68	Kshitij Patil	SE
69	Sahil Swapnil Patil	SE
70	Omkar Jadhav	SE
71	Khanjan Joshi	SE
72	Samarth Nilesh Mane	SE
73	Pooja Narayan naskar	SE
74	Sanskruti Rajkumar Kokare	SE
75	Vaishnavi Deokar	SE
76	Chetan Jawale	SE
77	Siddhi jangam	SE
78	Sushant Shetty	TE
79	Prashant Sahu	TE
80	Adarsh Ottupurath	TE
81	Vivek Patil	TE
82	Jayesh Nakashe	TE
83	Aditi Rathod	TE
84	Riya Raut	TE
85	Shravan Tawde	TE
86	Chaitanya Patil	TE
87	Anagha Francis	TE
88	Ayush Singh	TE
89	Prathamesh More	TE
90	Ragini Nair	TE
91	Kaustubh Gharat	TE
92	Sundar Chaudhary	TE
93	Ankur Saha	TE
94	Urmiksha Tawde	TE
95	Harshal Bamare	FE
96	Jagruti Borse	FE
97	Aryan Patil	FE
98	Mrudul Chaudhari	FE
99	Tejal Mendhe	FE
100	Siddhesh Thakarkar	FE
101	Kiran Rokade	FE
102	Sahil Kulabkar	FE
103	Anushka Supe	FE
104	Paarth Baradia	FE
105	Aditya Bhandare	FE

P.O. NSS

106	Soham Dahanukar	FE
107	Suryanarayan Choudhury	FE
108	Prathamesh Mayekar	FE
109	Vaishnavi Gaikwad	FE
110	Akash Mourya	FE
111	Durvesh Kajrekar	FE
112	Vrusharth Nirmal	FE
113	Kavisha Pachalkar	FE
114	Sanjana Tiwari	FE
115	Aryan Darade	FE
116	Vaishnavi Dungawat	FE
117	Gauravi Patankar	FE
118	Sayali Gupta	FE

P.O. NSS

3_Street play on Social Equality and Standup against Social InjusticeYouth Day Street Play- Constitution Day Of India

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2022 - 23
Title of the activity	YOUTH DAY STREET PLAY - CONSTITUTIO DAY OF INDIA
Date of the activity	12/01/23
Description of the activity	YOUTH DAY WAS CELEBRATED BY THE STUDENTS OF VCET NSS COMMITEE
Venue of the event	VCET
Organizing committee	NSS
Number of participants	56

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

Date:- 12th January, 2023

To,
The Principal
VCET.

Subject: Report on Youth Day, 12th January 2023

Youth day was celebrated by the students of the NSS Committee of Vidyavardhini's College of Engineering & Technology, Vasai on 12th January 2023 in College. A street play was organized by the NSS Committee . The event took place near the college foyer area, where a large crowd of college students and faculty gathered to watch the performance.

The street play aimed to raise awareness among the youth about the importance of education, social equality, and the need to stand up against social injustices. The play portrayed various scenarios and challenges faced by the youth in today's society, including poverty, lack of education, gender discrimination, and drug abuse.

In addition to the street play on social issues, a skit was also performed on the importance of the Constitution of India. The skit aimed to educate the youth about the fundamental principles of the Constitution and its relevance in today's society. The actors portrayed the various features of the Constitution, such as democracy, secularism, and the rights and duties of citizens.

The skit on the Constitution was a great addition to the Youth Day event as it emphasized the importance of constitutional values and their impact on society. It also highlighted the role of the youth in safeguarding and promoting these values, encouraging them to become responsible and active citizens. Overall, the skit and the street play together made the Youth Day event a great success and helped in inspiring and educating the youth about important social and constitutional issues.

P.T.O.

Thank you

Dr.Pradip Gulbhile
Program Officer
NSS

Youth Day, 2022-23

Youth Day, 2022-23

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

YOUTH DAY STREET PLAY- CONSTITUTION OF INDIA

SR NO	NAME	YEAR
1	Durvesh Karjekar	SE
2	Vinayak Deore	SE
3	Harshal Bhamre	SE
4	Prachi Shah	SE
5	Shruti Pawar	SE
6	Gauravi Patankar	SE
7	Raghvendra Devadiga	SE
8	Soham Dahanukar	SE
9	Suryanarayan Choudhury	SE
10	jagruti Borse	SE
11	Isha Kshatriya	SE
12	Tejal Mendhe	SE
13	Prathamesh Mayekar	SE
14	Rutuja Mestry	SE
15	Sahil Kulabkar	SE
16	Sayali Gupta	SE
17	Vaishnavi Gaikwad	SE
18	Amey Chaudari	SE
19	Vipul Bhoir	SE
20	Nishant Bhandigare	SE
21	Parth Baradia	SE
22	Sachin Rai	TE
23	Krish Vaity	TE
24	Prajakta Borse	TE
25	Harsh Sharma	TE
26	Deekha Shetty	TE
27	Chetan Jawale	TE
28	Vedant Chaskar	TE
29	Prerna Gawali	TE
30	Pratham Ingawle	TE
31	Archa Jadhav	TE
32	Prerna Kanekar	TE
33	Nikita Mundaye	TE
34	Shubham Nakashe	TE
35	Kshitij Patil	TE
36	Bhupeksha Patil	TE
37	Sanika Patil	TE

SR NO	NAME	YEAR
38	Jay Prajapti	TE
39	Rohit Redekar	TE
40	Suyash Shelar	TE
41	Janvi Chavan	TE
42	Siddhi Jangam	TE
43	Aayush Jha	TE
44	Prinshi Jha	TE
45	Urvashi Patel	TE
46	Vrushti Sanghvi	TE
47	Ankita Bhosle	BE
48	Mayuresh Kadar	BE
49	Ragini Nair	BE
50	Sushant Shetty	BE
51	Urmiksha Tawde	BE
52	Chaitanya Patil	BE
53	Prathamesh Mor	BE
54	Syed Qadri Siraj	BE
55	Aditi Rathod	BE
56	Shravan Tawde	BE

HRUSHIKESH SHETTY
NSS LEADER

Po. NSI

DEEKSHA SHETTY
UDAAN PRESIDENT

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4_Sadak Suraksha Motorcycle Rally & Street Play

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2022 - 23
Title of the activity	YOUTH DAY STREET PLAY - CONSTITUTIO DAY OF INDIA
Date of the activity	12/01/23
Description of the activity	YOUTH DAY WAS CELEBRATED BY THE STUDENTS OF VCET NSS COMMITEE
Venue of the event	VCET
Organizing committee	NSS
Number of participants	56

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

Date:- 12th January, 2023

To,
The Principal
VCET.

Subject: Report on Youth Day, 12th January 2023

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The skit on the Constitution was a great addition to the Youth Day event as it emphasized the importance of constitutional values and their impact on society. It also highlighted the role of the youth in safeguarding and promoting these values, encouraging them to become responsible and active citizens. Overall, the skit and the street play together made the Youth Day event a great success and helped in inspiring and educating the youth about important social and constitutional issues.

P.T.O.

Thank you

Dr.Pradip Gulbhile
Program Officer
NSS

Youth Day, 2022-23

Youth Day, 2022-23

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

YOUTH DAY STREET PLAY- CONSTITUTION OF INDIA

SR NO	NAME	YEAR
1	Durvesh Karjekar	SE
2	Vinayak Deore	SE
3	Harshal Bhamre	SE
4	Prachi Shah	SE
5	Shruti Pawar	SE
6	Gauravi Patankar	SE
7	Raghvendra Devadiga	SE
8	Soham Dahanukar	SE
9	Suryanarayan Choudhury	SE
10	jagruti Borse	SE
11	Isha Kshatriya	SE
12	Tejal Mendhe	SE
13	Prathamesh Mayekar	SE
14	Rutuja Mestry	SE
15	Sahil Kulabkar	SE
16	Sayali Gupta	SE
17	Vaishnavi Gaikwad	SE
18	Amey Chaudari	SE
19	Vipul Bhoir	SE
20	Nishant Bhandigare	SE
21	Parth Baradia	SE
22	Sachin Rai	TE
23	Krish Vaity	TE
24	Prajakta Borse	TE
25	Harsh Sharma	TE
26	Deekha Shetty	TE
27	Chetan Jawale	TE
28	Vedant Chaskar	TE
29	Prerna Gawali	TE
30	Pratham Ingawle	TE
31	Archa Jadhav	TE
32	Prerna Kanekar	TE
33	Nikita Mundaye	TE
34	Shubham Nakashe	TE
35	Kshitij Patil	TE
36	Bhupeksha Patil	TE
37	Sanika Patil	TE

SR NO	NAME	YEAR
38	Jay Prajapti	TE
39	Rohit Redekar	TE
40	Suyash Shelar	TE
41	Janvi Chavan	TE
42	Siddhi Jangam	TE
43	Aayush Jha	TE
44	Prinshi Jha	TE
45	Urvashi Patel	TE
46	Vrushti Sanghvi	TE
47	Ankita Bhosle	BE
48	Mayuresh Kadar	BE
49	Ragini Nair	BE
50	Sushant Shetty	BE
51	Urmiksha Tawde	BE
52	Chaitanya Patil	BE
53	Prathamesh Mor	BE
54	Syed Qadri Siraj	BE
55	Aditi Rathod	BE
56	Shravan Tawde	BE

HRUSHIKESH SHETTY
NSS LEADER

Po. NSI

DEEKSHA SHETTY
UDAAN PRESIDENT

Click here for summary page

5_Project on Crop health Analysis using Deep Learning Technique for higher crop production

Project Report On

CROP HEALTH ANALYSIS USING DEEP LEARNING TECHNIQUES

By

Jayshree Mhatre

Shivani Kamble

Shruti Kuvekar

Department of
Electronics & Telecommunication Engineering

Vidyavardhini's College of Engineering & Technology

University of Mumbai

2022-2023

CROP HEALTH ANALYSIS USING DEEP LEARNING TECHNIQUES

submitted in partial fulfillment for the requirements
*of degree of **Bachelor of Engineering** in*
Electronics & Telecommunication Engineering
by

Jayshree Mhatre
Shivani Kamble
Shruti Kuvekar

Supervisor
Ms. Shaista Khanam

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

CROP HEALTH ANALYSIS USING DEEP LEARNING TECHNIQUES

by

Jayshree Mhatre

Shivani Kamble

Shruti Kuvekar

*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. Shaista Khanam ( )

Internal Examiner : Shaista Khanam ( )

External Examiner : Archana Ingle ( )

Dr. Amrita Ruperee
HOD, EXTC

Dr. Harish Vankudre
Principal, VCET

Date: _____

Place: _____

Abstract

Each year we lose about 20-40% crop yield due to infested disease. Crop Health Analysis is important, the monitoring and assessment will enable farmers to identify disease outbreak, nutrient deficiencies and potential risk of infestation which can be a threat to productivity. With the rise in global population sustainability in what we seek, to make the agricultural sector more efficient and sustainable, innovative and advanced solutions are required. To watch the crop's health various applications have been introduced, advanced machine learning techniques and AI can provide innovative and perpetual solutions to solve this mishap. This technology provides an edge over manual human scouting and saves both time and energy, it will also provide new standards for quality control which will significantly increase production and decrease effective cost. Thus we'll be able to get high yields that utilize minimal inputs which also reduces environmental destruction..

Chapter 6

Results and Discussion

After compiling and executing different neural network modules for the Bell pepper dataset, the following figures show the results of the training data, overall accuracy, plots of accuracy and losses along with classification of the given test dataset.

6.1 CNN Model

In Figure 6.1, Epochs of CNN model are shown along with loss accuracy, validation accuracy & validation loss . Epochs are nothing but the iterations in which all training data is used at once in one iteration or Epoch.

```
Epoch 1/10
248/248 [==============================] - 96s 384ms/step - loss: 0.6294 - accuracy: 0.6195 - val_loss: 0.5053 - val_accuracy: 0.8252
Epoch 2/10
248/248 [==============================] - 95s 382ms/step - loss: 0.4415 - accuracy: 0.8434 - val_loss: 0.3960 - val_accuracy: 0.8699
Epoch 3/10
248/248 [==============================] - 93s 376ms/step - loss: 0.3453 - accuracy: 0.8984 - val_loss: 0.4301 - val_accuracy: 0.8618
Epoch 4/10
248/248 [==============================] - 94s 381ms/step - loss: 0.2958 - accuracy: 0.9121 - val_loss: 0.2634 - val_accuracy: 0.9268
Epoch 5/10
248/248 [==============================] - 95s 385ms/step - loss: 0.2560 - accuracy: 0.9242 - val_loss: 0.2812 - val_accuracy: 0.9146
Epoch 6/10
248/248 [==============================] - 99s 400ms/step - loss: 0.2135 - accuracy: 0.9439 - val_loss: 0.2127 - val_accuracy: 0.9350
Epoch 7/10
248/248 [==============================] - 97s 390ms/step - loss: 0.1858 - accuracy: 0.9520 - val_loss: 0.1865 - val_accuracy: 0.9593
Epoch 8/10
248/248 [==============================] - 98s 394ms/step - loss: 0.1664 - accuracy: 0.9545 - val_loss: 0.1776 - val_accuracy: 0.9553
Epoch 9/10
248/248 [==============================] - 95s 384ms/step - loss: 0.1597 - accuracy: 0.9530 - val_loss: 0.2374 - val_accuracy: 0.9350
Epoch 10/10
248/248 [==============================] - 93s 374ms/step - loss: 0.1327 - accuracy: 0.9641 - val_loss: 0.1682 - val_accuracy: 0.9431
```

Figure 6.1 : Epochs execution of CNN model

In Figure 6.2 the plots of accuracy and loss against the number of epochs for the given training dataset are shown.

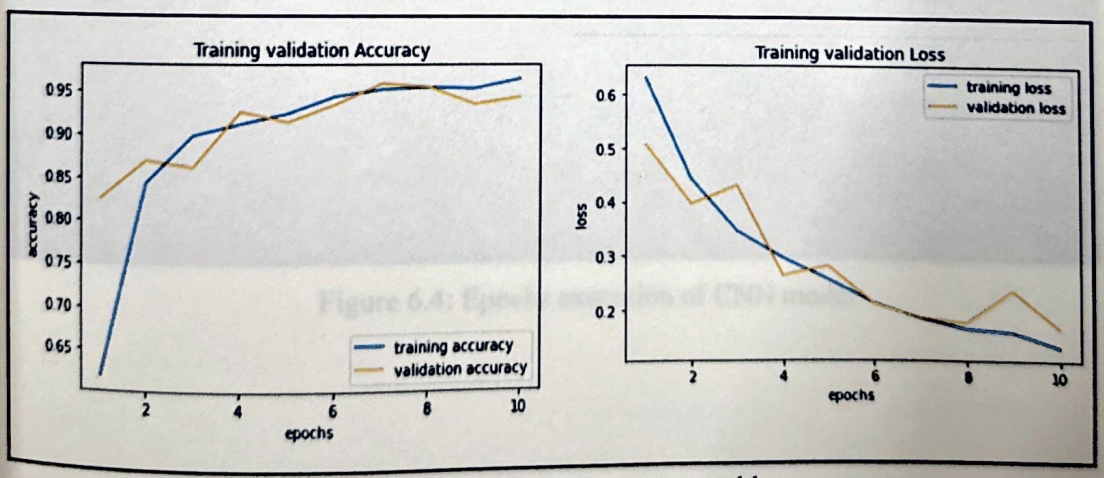


Figure 6.2: Plots of accuracy and loss

After training the model with a training dataset it is tested for an image to check whether the model is trained or not. Classification of the test image is observed in Figure 6.3, Leaf with bacterial spot is shown.

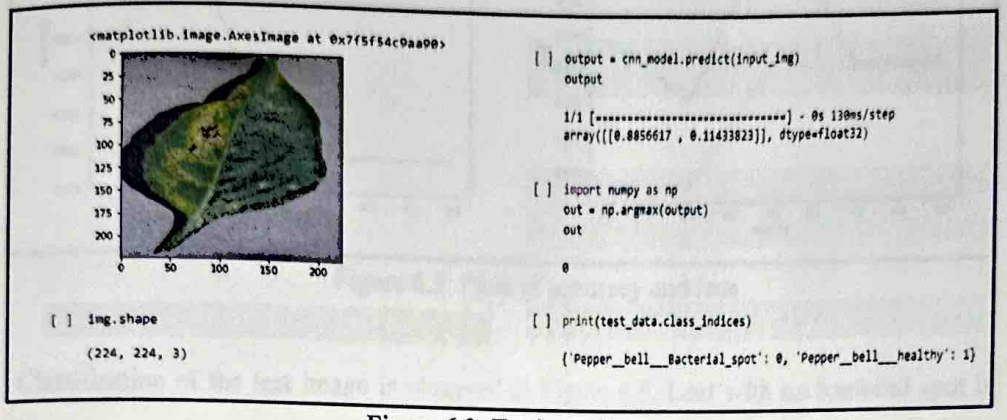


Figure 6.3: Testing of image

6.2 AlexNet

In Figure 6.4, Epochs of the AlexNet model are shown along with loss accuracy, validation accuracy & validation loss .

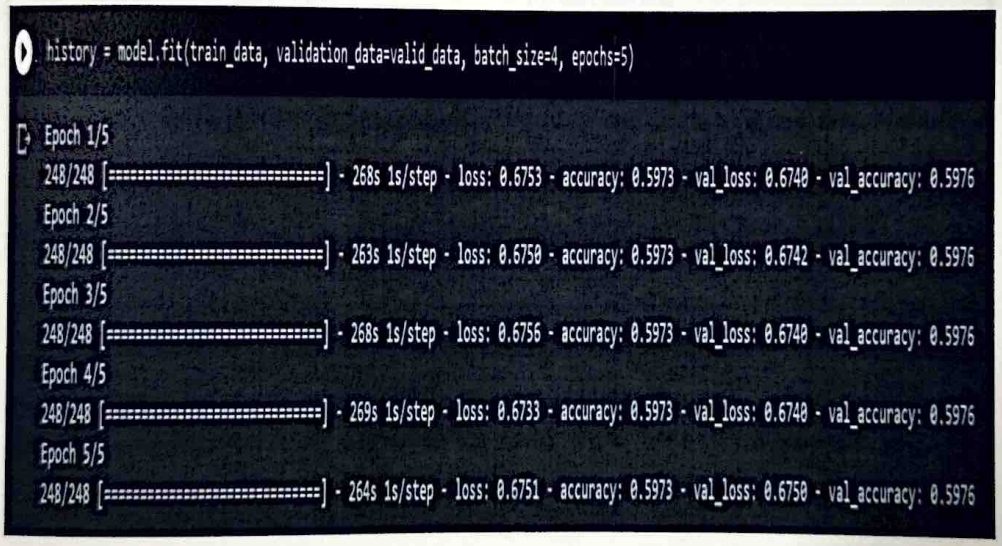


Figure 6.4: Epochs execution of CNN model

Figure 6.5 shows Plot of training validation accuracy and Training validation loss.

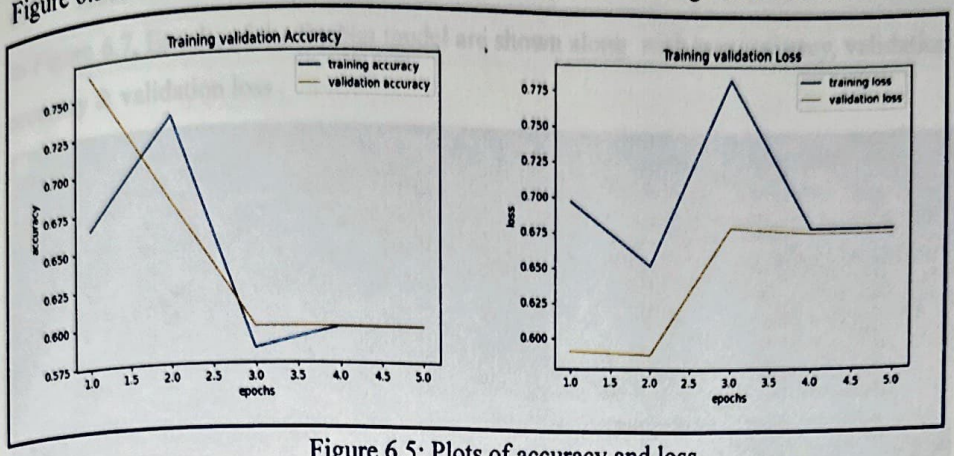


Figure 6.5: Plots of accuracy and loss

Classification of the test image is observed in Figure 6.6, Leaf with no bacterial spot is shown.

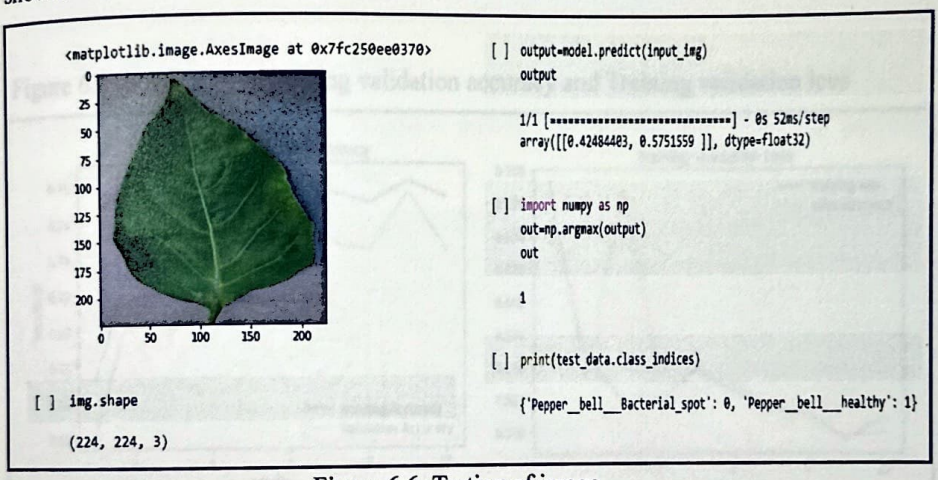


Figure 6.6: Testing of image

Classification of the test image is observed in Figure 6.9, Leaf with bacterial spot is shown.

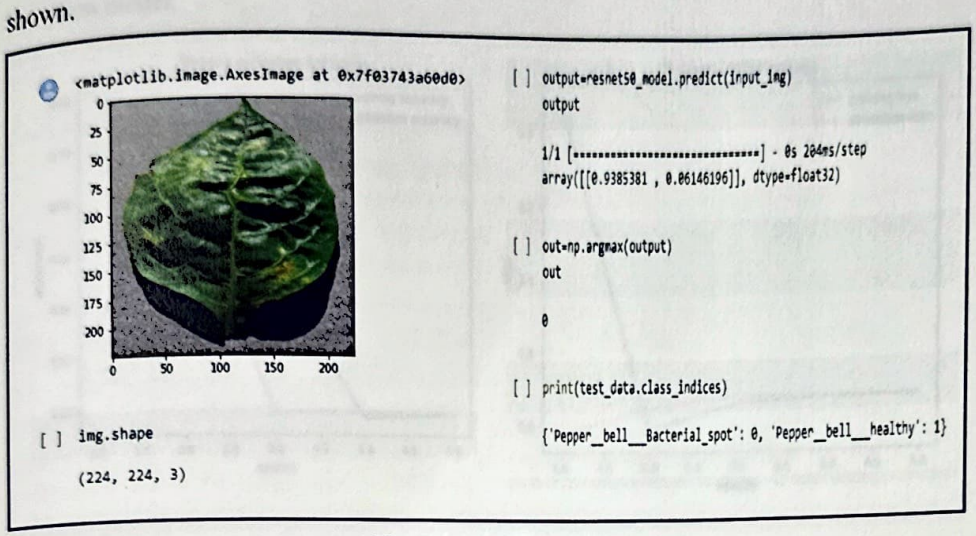


Figure 6.9: Testing of image

6.4 Inception Model

In Figure 6.10, Epochs of the Inception module are shown along with loss accuracy, validation accuracy & validation loss .

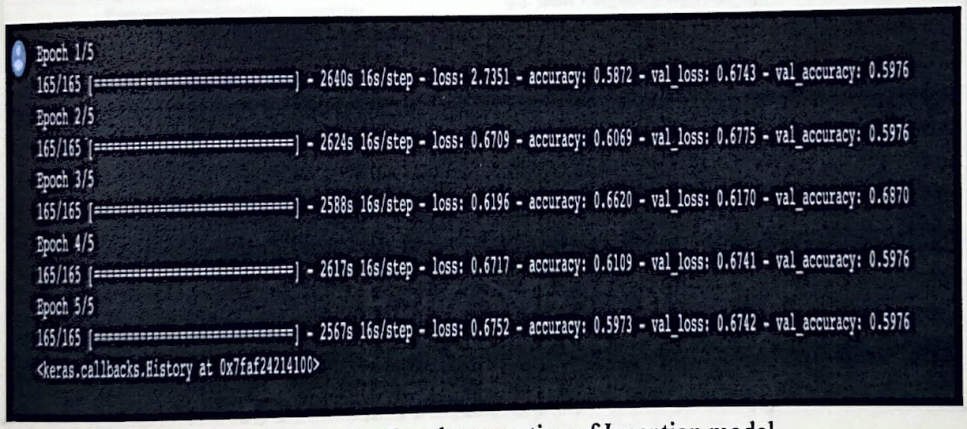


Figure 6.10 : Epochs execution of Inception model

Chapter 7

Conclusion & Future Work

In this work, performances of various image classification models such as CNN, AlexNet, ResNet & Inception are compared, which will help to determine the best working model for the given dataset i.e Bellpepper. From results it is observed that CNN has the highest training accuracy score. Although AlexNet, ResNet & Inception being improved versions of CNN did not provide high accuracy. For Future work, Convolutional autoencoders can be studied and implemented. Autoencoder is a preprocessing technique which improves the performance of CNN models leading to robust and accurate results.

Project Report On

IOT BASED SMART FARMING

By

Abhishek Gupta (59)

Chandankumar Gupta (60)

Durgesh Jadhav (61)

Department of
Electronics & Telecommunication Engineering

Vidyavardhini's College of Engineering & Technology

University of Mumbai

2022-2023

IOT BASED SMART FARMING

submitted in partial fulfillment for the requirements
*of degree of **Bachelor of Engineering** in*
Electronics & Telecommunication Engineering
by

Abhishek Gupta (59)
Chandankumar Gupta (60)
Durgesh Jadhav (61)

Supervisor Dr. Amrita Ruperee

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

IOT BASED SMART FARMING

by

Abhishek Gupta (59)
Chandankumar Gupta (60)
Durgesh Jadhav (61)

*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 (A Ruperee)

Internal Examiner : Dr. Amrita Ruperee (A Ruperee)

External Examiner : Dr. Santoshi Pote (Spote 27/4/23)

A Ruperee

Dr. Amrita Ruperee
HOD, EXTC

Dr. Harish Vankudre
Principal, VCET

Date: 02-05-2023

Place: Vasai - (W)

Abstract

Farming is becoming an important growing sector throughout the world due to increasing population. Major challenge in the agriculture sector is to improve farm productivity and quality of farming without continuous manual monitoring to meet the rapidly growing demand for food. Smart farming allows us to analyze the growth of plants and to influence the parameters of our system in real time in order to optimize plant growth and support the farmer in his activity. IOT based Smart Farming uses particular sensors to collect data and process data intelligently. This data can be sent to the cloud where it can be stored for future use. IOT is one of the fastest-growing technologies in the last few years. This technology can be used widely in real-life Farming. It will reduce manual intervention and will perform activities more accurately.

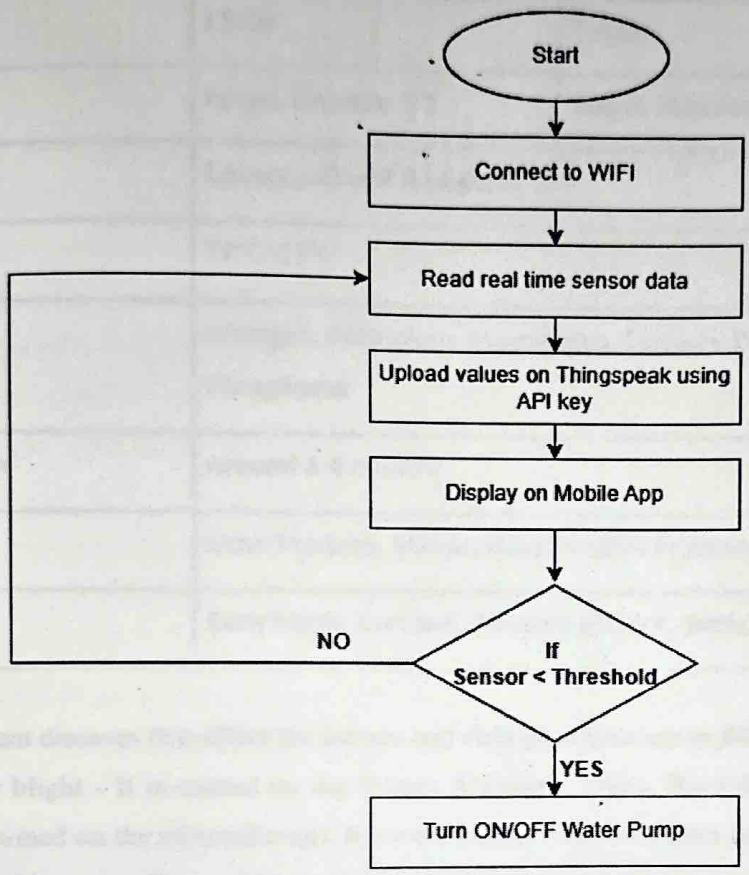


Fig. 4.4.1 Flow diagram of proposed system

The ecosystem is responsible for monitoring and controlling the environment. Implementations have been carried out in following manner:

Table I shows the details obtained from the survey The survey is done in order to understand climatic conditions and soil required for growing crops. Survey was conducted in a Nursery where following information was obtained:

Chapter 5

Result and Discussion

The topic of IoT-based smart farming is expanding quickly and has the potential to completely transform the agriculture sector. This method uses Internet of Things (IoT) technology to monitor and manage several farming-related variables, including temperature, humidity, soil moisture, and different other parameters. In order to analyze and utilize the sensor data for crop management choices, it must be transferred to a central hub or cloud-based platform.

There are various operations involved in farming in the agricultural industry, including manual monitoring and controlling activities to ensure a good harvest. An attempt have been made to automate the monitoring and controlling processes utilizing the Internet of Things (IoT) to facilitate this process. Fig. 5.1 shows the Circuit Implementation

From Fig. 5.2 and Fig. 5.3, In this project P1 and P2 are the two pots that were used. While P2 is kept in an IoT driven environment, P1 is kept in a traditional environment. Following are many stages of crop planting:

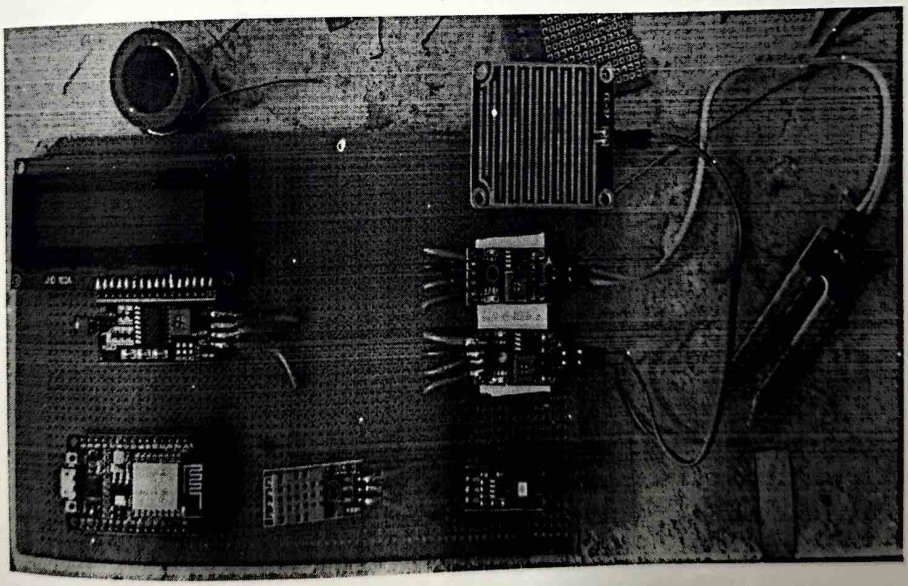


Fig. 5.1 Circuit Implementation

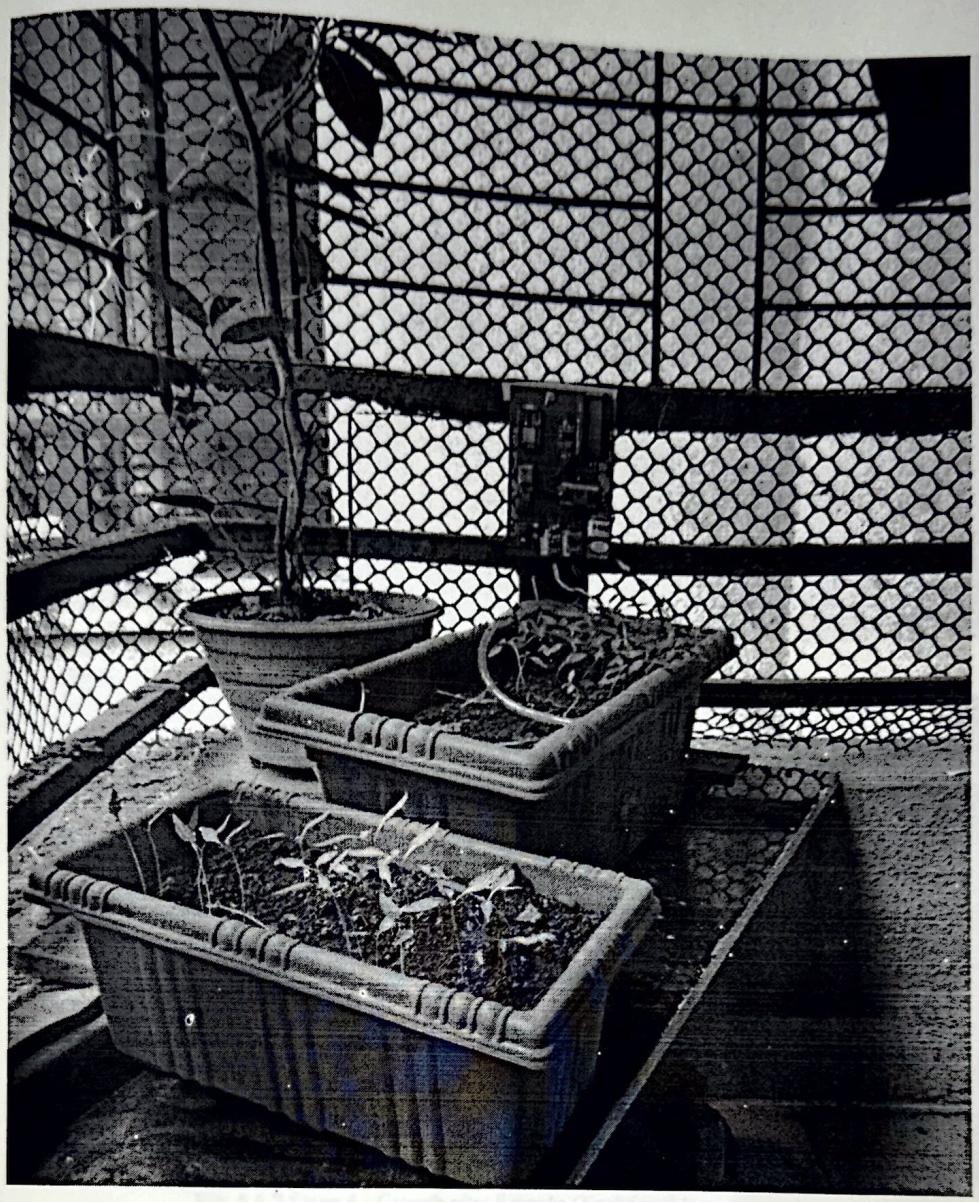
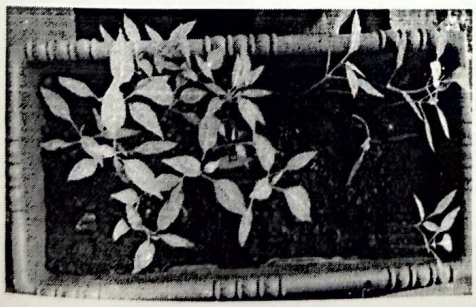


Fig. 5.4 Complete Setup with Circuit Implementation



Traditional Environment

Controlled Environment

Fig. 5.5 Stage 3 - Growth after 6 weeks

Fig. 5.6.1 Stage 4 - Growth after 8 weeks (Controlled Environment)

Fig. 5.6.2 Stage 4 - Growth after 8 weeks (Traditional Environment)

Chapter 6

Conclusion & Future Scope

Manual farming is a key component of the traditional agriculture system's issues, particularly in India. The proposed system combats unplanned plans for water storage and improves current irrigation techniques. The proposed farming system is built on IOT and frequently alerts farmers to impending weather as well as provides them with the simplest guidance on irrigation techniques and crops, which results in higher yields. The proposed model can be improved further to detect fundamental plant issues and apply insecticides or pesticides. The proposed solution also includes low-cost designs that account for wealth disparities and per capita income in India. Implementing such a system on the ground can certainly help to increase crop yield and overall performance. After the deployment, we observed and conclude that the IOT environment delivers a higher yield than a typical environment.

7_Beach Cleaning_Vasai-Virar_Navapur Beach

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2021-22
Title of the activity	Beach Cleaning
Date of the activity	16-11-2021
Description of the activity	NSS VCET organized a Beach Cleaning Event at Navapur Beach with 80 students & 4 Faculties.
Venue of the event	Navapur
Organizing committee	NSS VCET
Number of participants	84

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2021-22)

Date:- 16th November 2021

To,
The Principal
VCET.

Subject: Report on Beach Cleaning Event, 16th November 2021

Everyone loves to go to sea. But it is equally important to take care of these natural resources. Polluted and chemically contaminated water is extremely dangerous to the health of living beings, we have all been learning from the school curriculum. Therefore, considering the seriousness of the situation, the NSS Committee of Vidyavardhini College of Engineering and Technology, Vasai organised a Beach Cleaning event on 16th November, 2021. The beach cleaning was implemented on Navapur beach in Virar from 8 am onwards.

Out of the total coastline, about 2.5 km of coastline was cleaned. The campaign was successfully carried out by students under the guidance of faculty members in the scorching sun with great perseverance and enthusiasm. The main objective of this campaign was to stop water pollution as well as to clean up the area around the sea. The best thing about this campaign was the demonstration of solidarity by all the students. The campaign had a great impact on the cleanliness of the area and their related works. Care was taken to ensure proper disposal of plastic bags and other hazardous substances scattered in the area. It also eradicated the disease that was spreading in the area.

Lastly the event concluded by thanking all the volunteers for their great efforts and later distributed snacks and refreshments to all the volunteers.

Thank You,

Dr.Pradip Gulbhile
Programme Officer
NSS

Beach Cleaning Event, 2021-2022

Beach Cleaning Event, 2021-2022

PO NSS

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2021-22)

Beach Cleaning 21-22			
Sr No.	Name	Year	
1	Ragini Nair	TE	
2	Urmiksha Tawade	TE	
3	Sushant Shetty	TE	
4	Anagha Francis	TE	
5	Vivek Patil	TE	
6	Shravan Tawade	TE	
7	Prathamesh More	TE	
8	Lavesh Salaskar	TE	
9	Harsh Patil	TE	
10	Ankur Saha	TE	
11	Jayesh Nakashe	TE	
12	Isha Kule	TE	
13	Syed Sirajuddin	TE	
14	Manthan Sarfare	TE	
15	Kaustubh Gharat	TE	
16	Adarsh Ottupurath	TE	
17	Rohit Adhikari	TE	
18	Ayush Singh	TE	
19	Kshitij Patil	SE	
20	Onkar Suryavanshi	SE	
21	Shikhar Mehta	SE	
22	Janvi Chavan	SE	
23	Cheten Jawale	SE	
24	Deepali Kothari	SE	
25	Sneh Dave	SE	
26	Vrushti Sanghavi	SE	
27	Pooja Naskar	SE	
28	Urvashi Patel	SE	
29	Rohit Redekar	SE	
30	Prajakta Borse	SE	
31	Sanika Patil	SE	
32	Radha Vishwakarma	SE	
33	Jidnyasa Patil	SE	
34	Vaishnavi Deokar	SE	
35	Aayush Jha	SE	
36	Riddhi Chavda	SE	
37	Niharika Das	SE	
38	Samarth Mane	SE	

PO NSS

39	Hrushikesh Shetty	SE	
40	Deeksha Shetty	SE	
41	Pratham Ingawale	SE	
42	Mitali Rawat	SE	
43	Siddhi Kolwankar	SE	
44	Aditi Bhat	SE	
45	Sairaaj Gurav	BE	
46	Bhakti Shetty	BE	
47	Jessica Lobo	BE	
48	Omkar Salunkhe	BE	
49	Vaibhav Rai	BE	
50	Harsh Sambare	BE	
51	Dharmesh Thorgavankar	BE	
52	Harsh Pandya	BE	
53	Neel Panchal	BE	
54	Bhavesh Gosavi	BE	
55	Prathamesh Karale	BE	
56	Dhrumil Bhatt	BE	
57	Anjali Chaurasiya	BE	
58	Bhakti Raigawali	BE	
59	Ameya Late	BE	
60	Sarang Waghmare	BE	
61	Apurva Gurav	BE	
62	Suyash Bhoir	BE	
63	Adisha Waghare	BE	
64	Samruddhi Gamre	BE	
65	Sree Lakshmi Balachandran	BE	
66	Prathamesh Suryavanshi	BE	
67	Shraddha Patil	BE	
68	Rohit Salunkhe	BE	
69	Heramb Betawadkar	BE	
70	Rushank Sheta	BE	
71	Shubhamkar Thavi	BE	
72	Saloni Pundpal	SE	Non NSS
73	Omkar Ghanekar	SE	Non NSS
74	Om Achrekar	SE	Non NSS
75	Kajal Mahajan	TE	Non NSS
76	Ayushi Ghag	TE	Non NSS
77	Lavina Rathod	TE	Non NSS
78	Nitish Kulal	TE	Non NSS
79	Yash Ramteke	TE	Non NSS
80	Vidit Sheth	TE	Non NSS
81	Pradip Gulbhile	Faculty	
82	Vikram Agaskar	Faculty	
83	Sandhya Supalkar	Faculty	
84	Ekta Naik	Faculty	

RAGINI NAIR
N.S.S LEADER

P.O. NSS

URMIKSHA TAWADE
UDAAN PRESIDENT

Click here for summary page

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2021 - 22
Title of the activity	Use of Plastic Survey
Date of the activity	09-12-21
Description of the activity	To reduce the use of plastic containers, NSS VCET with Dhyas foundation at Vasai station area.
Venue of the event	VCET + Dhyas foundation Vasai
Organizing committee	NSS VCET
Number of participants	20

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2021-22)

Date:- 9 December 2021

To,
The Principal
VCET.

Subject: Report on Plastic Survey, 9 December 2021

To reduce the use of plastic containers, NSS Committee of Vidyavardhini's College of Engineering and Technology, had collaborated with Dhyaas Foundation, an organisation that provides degradable containers to hotels and restaurants on 9th of December, 2021 from 10am onwards.

The event started with the members of Dhyaas foundation, introducing the motive and objective of their organisation and explaining the NSS members their tasks. NSS members were divided into groups of three and given a target of at least ten hotels, restaurants and fast food joints. The members travelled the neighbouring areas and communicated with the managers of restaurants about Dhyaas organisation and their objective to reduce the use of plastic containers. All the members came back after taking surveys from almost 30 nearby restaurants and fast food joints which consisted of information about the types of containers they use. Students were actively volunteering during this surveillance.

Lastly, the volunteers ended the event by giving a vote of thanks to all the dignitaries and other committee members.

Thank You,

Dr.Pradip Gulbhile
Programme Officer
NSS


Plastic Survey, 2021-22


Plastic Survey, 2021-22

Plastic Survey.

NSS

Vidyavardhini's College of Engineering &Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

Members	Year
Aditi Rathod	TE
Sundar Chaudhary	TE
Shravan Tawade	TE
Sushant Shetty	TE
Anagha Francis	TE
Hrushikesh Shetty	SE
Kshitij Patil	SE
Onkar Suryavanshi	SE
Pratham Ingawale	SE
Prerna Gawali	SE
Sairaaj Gurav	BE
Dhrumil Bhatt	BE
Omkar Salunkhe	BE
Suresh Borana	BE
Manoj Prabhu	BE
Rahul Chormare	BE
Rohit Salunkhe	BE
Swapna Khade	BE
Shreelakshmi Balachandran	BE
Samruddhi Gamre	BE

20

P.O. NSS

9_Street play on waste management_ Village_ Kelthan

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2019 - 20
Title of the activity	Street Play on waste management
Date of the activity	27 - 02 - 2020
Description of the activity	Cleanliness of environment was the main topic of play
Venue of the event	kelthan
Organizing committee	NSS - VCET
Number of participants	55

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2019-20)

Date - 27th Feb, 2020

To,

The Principal

VCET

Subject: Street Play on waste management Village.Kelthan

Respected Sir,

NSS VCET organized an NSS Residential Camp from February 26th, 2024, to March 1st, 2024.

A Street Play was conducted on waste management on the second day of the NSS Residential Camp in Kelthan village.

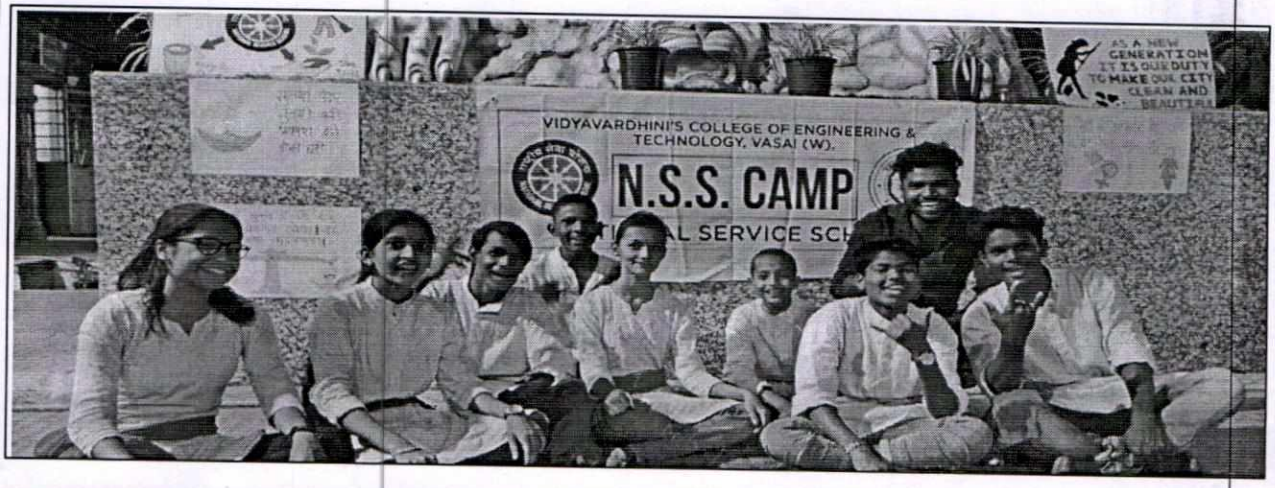
They focused on the importance of keeping our surroundings clean through an amazing act and were able to grab the attention of the audience. A significant number of villagers were present to see the street play.

Thank you.

Dr. Pradip Gulbhile,

Programme Officer,

NSS.


VIDYAVARDHINI'S COLLEGE OF ENGINEERING &
TECHNOLOGY, VASAI (W).
N.S.S. CAMP
AS A NEW GENERATION IT IS OUR DUTY TO MAKE OUR CITY CLEAN AND


VIDYAVARDHINI'S COLLEGE OF ENGINEERING &
TECHNOLOGY, VASAI (W).
N.S.S. CAMP
NATIONAL SERVICE SCHEME

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2019-20)

Sr. No	Name	Year
1	Vipul Bhoir	BE
2	Vaibhav Rai	BE
3	Shravan Tawde	BE
4	Aryan Parab	BE
5	Sanjana Tiwari	BE
6	Aniket Jha	BE
7	Prachi Shah	BE
8	Tanzil Irfan Shaikh	BE
9	Roma Dhake	BE
10	Dhrumil Bhatt	BE
11	Rishabh Sharma	BE
12	Sayali Gupta	BE
13	Amey Chaudhari	BE
14	Siddharth Chakravarty	BE
15	Vaishnavi Gaikwad	BE
16	Riya Raut	BE
17	Prem Khanderao	BE
18	Meet Mehta	BE
19	Gargi Betawadkar	BE
20	Umesh Jadhav	BE
21	Abhishek Deshmukh	BE
22	Dhiraj Raut	TE
23	Pratik Jadhav	TE
24	Devbhatt singh	TE
25	Nohal Warang	TE
26	Disha Pote	TE
27	Heramb Botawadkar	TE
28	Sarvesh Shinde	TE
29	Praseeda Prabhu	TE
30	Aditi Rathod	SE
31	Rithesh Shetty	TE
32	Bhavik Mistry	TE
33	Ujjwal Upadhyay	TE
34	Dinesh Ahire	TE
35	Chetan Jawale	TE
36	Rishabh Sharma	SE
37	Ankur Saha	SE
38	Tejas Chonkar	SE
39	Aryan Kore	SE
40	Komal Swain	SE

41	Sanika Patil	SE
42	Yash Doke	SE
43	Bhavesh Gosavi	SE
44	Divya Singh	SE
45	Anushka Supe	SE
46	Jitesh Agnihotri	SE
47	Pawan Patil	SE
48	Sahil Jadhav	SE
49	Anagha Francis	SE
50	Akash Mourya	SE
51	Raul Arya	SE
52	Anushka Jagtap	SE
53	Aditi Shirke	SE
54	Rahul Shah	SE
55	Bhakti Raigawali	SE

P.O. NSS

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10_Tree Plantation Programme

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2019-20
Title of the activity	TREE PLANTATION PROGRAMME
Date of the activity	26/08/2019
Description of the activity	Planted 270+ samplings in association with "JEEVDANI TRUST." at virar.
Venue of the event	JEEVDANI TRUST, VIRAR
Organizing committee	NSS-VCET
Number of participants	50

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2019-20)

Date - 26th August, 2019

To,

The Principal

VCET

Subject: Report on Tree Plantation on 26th August 2019

Respected Sir,

Recently we've acknowledged the incidence happened in amazon rain forest which is devastating! Also keeping in mind the ratio of tree and human being, the NSS Wings Committee of Vidyavardhini's College of Engineering and Technology came with an event on 26th August 2019 called "Tree Plantation". The event was carried out under the guidance of Prof. Sainath Patil, Prof. Sandhya Supalkar and myself and Mr. Rajesh Naik from Jivdani Trust Virar. Entire team of NSS wing came forward to lead students to plant trees at "The Jeevdani Trust, Virar". Altogether, students planted 270+ saplings. The event was well organized and surely a small act of kindness being a responsible citizen was carried out by NSS team as they stand by the term #GoGreen & #SupportGreen

Thank you.

Dr. Pradip Gulbhile,

Programme Officer,

NSS.

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2019-20)

Date - 26 ऑगस्ट, 2019

प्रति,

मुख्याध्यापक

VCET

विषय: 26 ऑगस्ट 2019 रोजी करण्यात आलेल्या वृक्षारोपणाचे अहवाल.

आदरणीय प्राचार्य,

अलीकडेच अमेझॉन रेनफॉरेस्टच्या घटनेची कबुली देण्यात आली आणि ती अतिशय विध्वंसक होती. विद्यावर्धिनीच्या अभियांत्रिकी व तंत्रज्ञान महाविद्यालयाच्या 'एनएसएम विंग्स'ने 26 ऑगस्ट 2019 रोजी "वृक्षारोपण" हा कार्यक्रम आयोजित केला होता. प्रत्येक मनुष्यास 1 झाड ही कल्पना गृहीत धरून वृक्षारोपण करण्यात आले. महाविद्यालयाचे मुख्याध्यापक आणि प्रा. साईनाथ पाटील , प्रा. संध्या सुपलकर व एनएसएस विंगचे प्रमुख या नात्याने मी स्वतः , आम्हा सर्वांच्या मार्गदर्शनाखाली या कार्यक्रमाचे आयोजन केले होते. "जीवदानी ट्रस्ट, विरार" येथे श्री राजेश नाईक हे विद्यार्थ्यांचे नेतृत्व करण्यासाठी पुढे आले.विद्यार्थ्यांनी 270 + रोपे लावली.

हा कार्यक्रम यशस्वीरित्या पार पडला या कार्यक्रमाद्वारे निसर्गाबददलची कृतज्ञता दिसून आली. एक जबाबदार नागरिक असल्याची जाणीव 'एनएसएस विंग्स'च्या माध्यमातून केली गेली. कारण ते #GoGreen आणि #Support Green या संज्ञेवर टिकून आहेत.

धन्यवाद.

डॉ. प्रदिप गुळभिले

कार्यक्रम अधिकारी,

एनएसएस

सत्यमेव जयते

महाराष्ट्र शासन
वन विभाग

'महाराष्ट्र हरितसेना' सदस्यत्व प्रमाणपत्र

प्रमाणित करण्यात येते की,

श्री. / श्रीमती : Vidyavardhini College Of Engineering And Technology

रा. : Virar West

तालुका : Vasai-Virar जिल्हा : Palghar

यांना 'महाराष्ट्र हरितसेना' चे सदस्यत्व प्रदान करण्यात येत आहे.

लोकहिताच्या कार्यात सहभागी झाल्याबद्दल

हार्दिक शुभेच्छांसह !

नोंदणी क्रमांक : PL/2019/Org/166698

दिनांक महिना वर्ष

30 08 2019

प्रधान मुख्य वनसंरक्षक
सामाजिक वनीकरण,
महाराष्ट्र राज्य,
पुणे

P.O. -N.S.S.

सत्यमेव जयते

महाराष्ट्र शासन
वन विभाग

'महाराष्ट्र हरितसेना' सदस्यत्व प्रमाणपत्र

प्रमाणित करण्यात येते की,

श्री. / श्रीमती : Vidyavardhini College Of Engineering And Technology

रा. : Virar West

तालुका : Vasai-Virar जिल्हा : Palghar

यांना 'महाराष्ट्र हरितसेना' चे सदस्यत्व प्रदान करण्यात येत आहे.

लोकहिताच्या कार्यात सहभागी झाल्याबद्दल

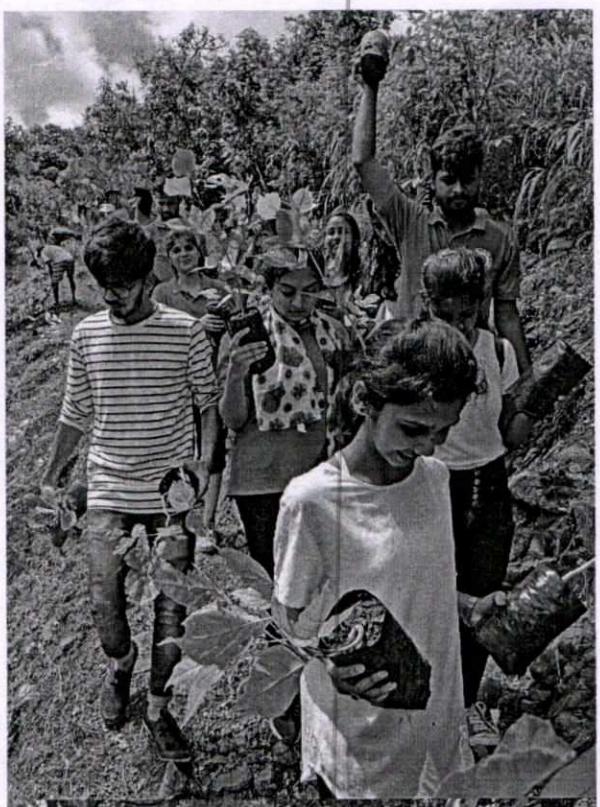
हार्दिक शुभेच्छांसह !

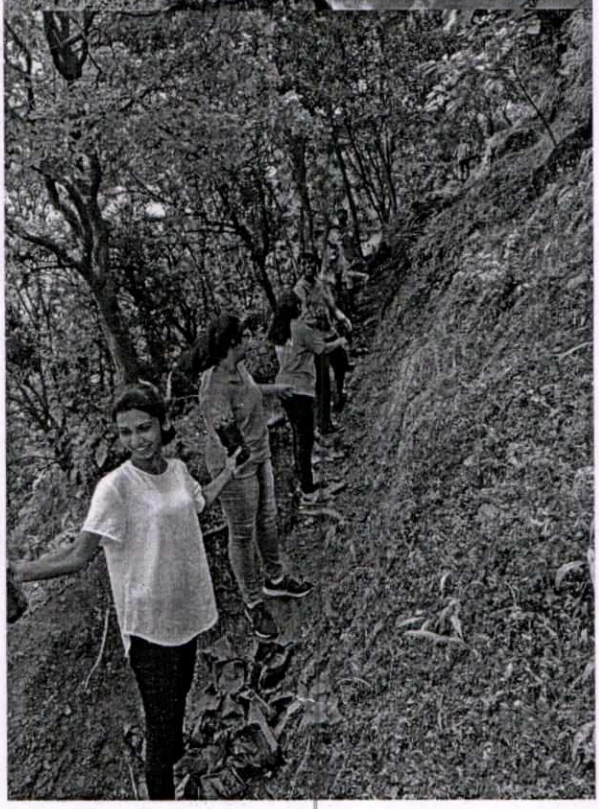
नोंदणी क्रमांक : PL/2019/Org/166698

दिनांक महिना वर्ष

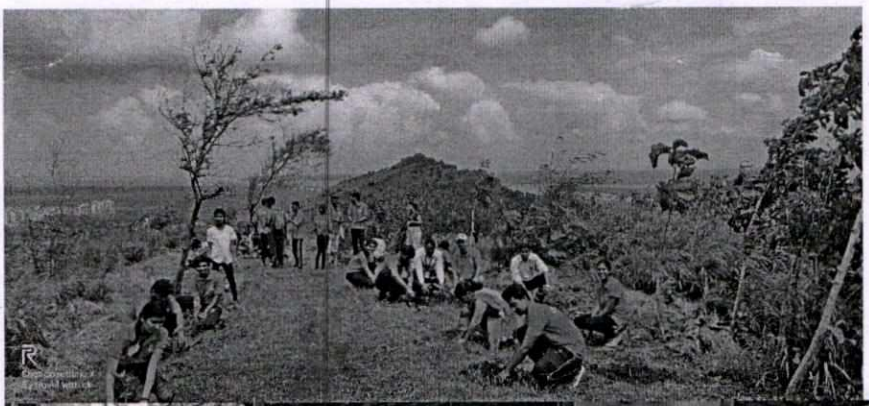
30 08 2019

प्रधान मुख्य वनसंरक्षक
सामाजिक वनीकरण,
महाराष्ट्र राज्य,
पुणे





TREE PLANTATION



TREE PLANTATION

P.O. N.S.S.

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2019-20)

Sr. No	Name	Year
1	Sarvesh Shinde	BE
2	Vrushti Sanghavi	BE
3	Vipul Bhoir	BE
4	Vaibhav Rai	BE
5	Shravan Tawde	BE
6	Aryan Parab	BE
7	Sanjana Tiwari	BE
8	Aniket Jha	BE
9	Prachi Shah	BE
10	Tanzil Irfan Shaikh Siddhiqui	BE
11	Roma Dhake	BE
12	Dhrumil Bhatt	BE
13	Rishabh Sharma	BE
14	Sayali Gupta	BE
15	Amey Chaudhari	BE
16	Siddharth Chakravarty	BE
17	Vaishnavi Gaikwad	BE
18	Riya Raut	BE
19	Siddhi Kolwankar	BE
20	Adarsh Ottupurath	BE
21	Rohit Mali	BE
22	Aniruddha Jadhav	TE
23	Vaibhav Rai	TE
24	Devbhatt singh	TE
25	Nohal Warang	TE
26	Disha Pote	TE
27	Heramb Botawadkar	TE
28	Sarvesh Shinde	TE
29	Praseeda Prabhu	TE
30	Aditi Rathod	SE
31	Rithesh Shetty	SE
32	Isha Pathak	SE
33	Sakshi Padalkar	SE
34	Shruti Pawar	SE
35	Pranay Ippakayal	SE
36	Viraj Gavali	SE
37	Rahul Shah	SE
38	Vedika Misal	SE
39	Haripriya Ramisetty	SE
40	Dhruv Purav	SE

P.O. NSS

41	Rohit Redekar	SE
42	Monalika Pingle	SE
43	Suresh Borana	SE
44	Divya Singh	SE
45	Vaishnavi Deokar	SE
46	Dhrumil Bhatt	SE
47	Durvesh Kajrekar	SE
48	Ragini Nair	SE
49	Siddhesh Thakarkar	SE
50	Vinay Patil	SE

P.O. NSS

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11_Rain water harvesting awareness_Village_Kelthan

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2019-20
Title of the activity	Rain water harvesting awareness
Date of the activity	27-02-2020
Description of the activity	Video was demonstrated on Rain water harvesting to the villagers of kelthan
Venue of the event	Kelthan
Organizing committee	NSS-VCET
Number of participants	55

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2019-20)

Date - 27th Feb, 2020

To, The
Principal
VCET.

Subject: Rain water harvesting awareness Village, Keltan

Respected Sir,

NSS VCET organized an NSS Residential Camp from February 26th, 2024, to March 1st, 2024. A seminar on Rain water harvesting awareness was conducted on cleanliness of the environment on the second day of the NSS Residential Camp. Villagers showed active participation overall the program's main aim was successfully achieved.

The guest for the event was Shri Ajay Raut Saheb.

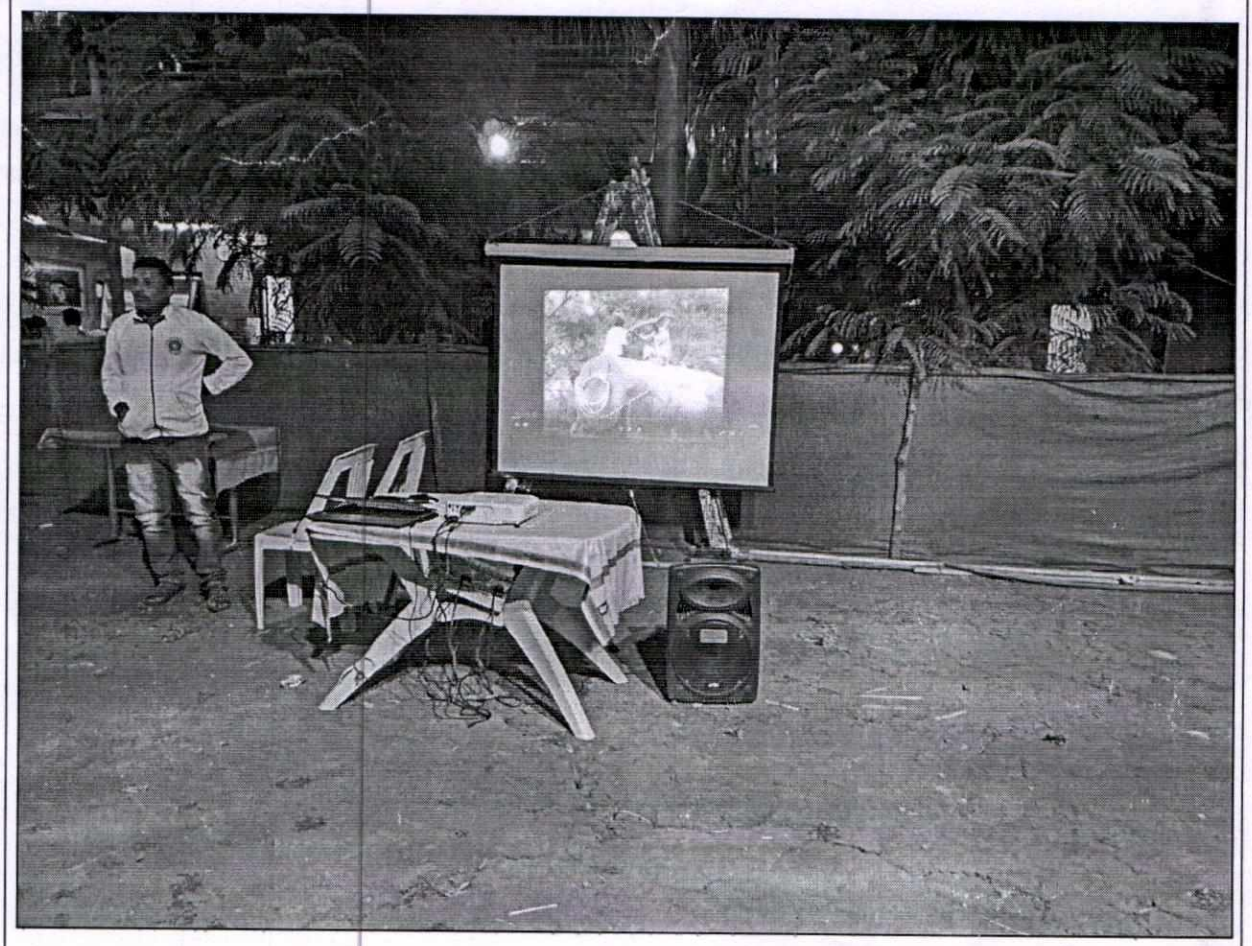
Thank you.

Dr. Pradip Gulbhile,

Programme Officer,

NSS


NSS

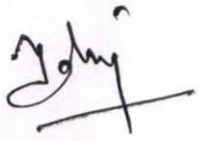


Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2019-20)

Sr. No	Name	Year
1	Vipul Bhoir	BE
2	Vaibhav Rai	BE
3	Shravan Tawde	BE
4	Aryan Parab	BE
5	Sanjana Tiwari	BE
6	Aniket Jha	BE
7	Prachi Shah	BE
8	Tanzil Irfan Shaikh	BE
9	Roma Dhake	BE
10	Dhrumil Bhatt	BE
11	Rishabh Sharma	BE
12	Sayali Gupta	BE
13	Amey Chaudhari	BE
14	Siddharth Chakravarty	BE
15	Vaishnavi Gaikwad	BE
16	Riya Raut	BE
17	Prem Khanderao	BE
18	Meet Mehta	BE
19	Gargi Betawadkar	BE
20	Umesh Jadhav	BE
21	Abhishek Deshmukh	BE
22	Dhiraj Raut	TE
23	Pratik Jadhav	TE
24	Devbhatt singh	TE
25	Nohal Warang	TE
26	Disha Pote	TE
27	Heramb Botawadkar	TE
28	Sarvesh Shinde	TE
29	Praseeda Prabhu	TE
30	Aditi Rathod	SE
31	Rithesh Shetty	TE
32	Bhavik Mistry	TE
33	Ujjwal Upadhyay	TE
34	Dinesh Ahire	TE
35	Chetan Jawale	TE
36	Rishabh Sharma	SE
37	Ankur Saha	SE
38	Tejas Chonkar	SE
39	Aryan Kore	SE
40	Komal Swain	SE

41		Sanika Patil	SE
42		Yash Doke	SE
43		Bhavesh Gosavi	SE
44		Divya Singh	SE
45		Anushka Supe	SE
46		Jitesh Agnihotri	SE
47		Pawan Patil	SE
48		Sahil Jadhav	SE
49		Anagha Francis	SE
50		Akash Mourya	SE
51		Raul Arya	SE
52		Anushka Jagtap	SE
53		Aditi Shirke	SE
54		Rahul Shah	SE
55		Bhakti Raigawali	SE



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12_Weed cleaning_Saphale Village

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2022 - 23
Title of the activity	WEED CLEANING AT SAPHALE VILLAGE
Date of the activity	28/01/23
Description of the activity	VOLUNTEERS IN 5 GROUPS WERE DESIGNATER TO A PIECE OF LAND TO CLEAR WEER
Venue of the event	SAPHALE VILLAGE
Organizing committee	NSS
Number of participants	54

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

Date - 28th January, 2023

To,

The Principal

VCET

Subject: Weed Cleaning at Saphale Village

In the Residential Camp, dated from 27th January 2023 to 2nd February 2023 at Saphale village, the students gathered near the NSS Residential Campsite to remove unwanted plants. Weed cleaning, or the removal of unwanted plants commonly referred to as weeds, is necessary for several reasons, primarily to maintain the health and productivity of desired plants.

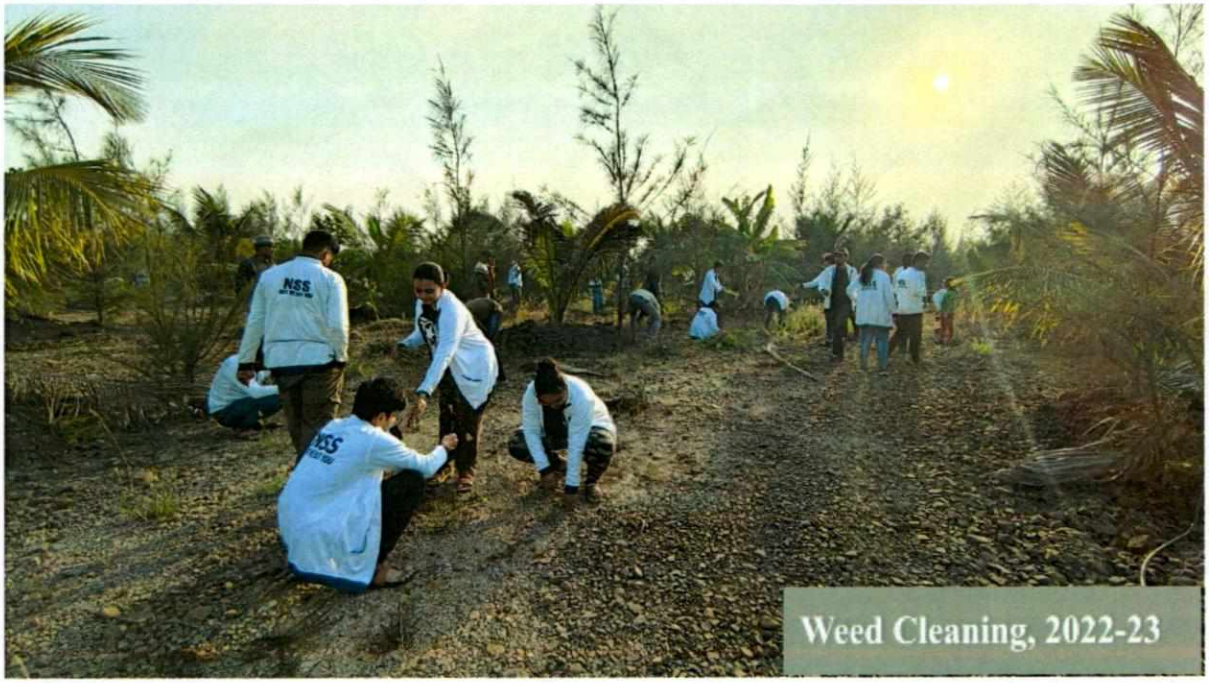
The removal of such plants becomes a necessity to protect the plants you want to thrive, prevent the spread of unwanted species, and maintain the overall health and balance of the ecosystem.

NSS volunteers in 5 groups were assigned a piece of land to clear. Everyone worked together to complete the work.

Thank you

Dr.Pradip Gulbhile

Program Officer
NSS



Weed Cleaning, 2022-23

Weed Cleaning, 2022-23

P.O. KS

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

Event Name: Weed Cleaning Date: 28/1/23

Program Officer Sign: Leader's Sign:

Sr. No	NAME	BRANCH	SIGN
1.	Chaitanya Patil	COMPS	
2.	Prathamesh Mane	MECH	
3	KSHITIJ PATIL	COMPS	
4	Shubham Nakashe	COMPS	
5.	Prerna Kanekar	COMPS	
6	Onkar Suryavanshi	COMPS	
7	Pratham R. Thgawale	COMPS	
8	Shravan N. Tawade	EXTC	
9	Poorna Gawali	COMPS	
10	Aayush Jha	CSE (DS)	
11	Ankur Saha.	Mech	
12	Siddhi Jangam	CSE(DS)	
13	Janvi Chavan	CSE(DS)	
14	Prinshi Jha	CSE(DS)	
15	Prajakta Borse	Civil	
16.	Dhruv Purav	Civil	
17.	Rohit Pedekar	COMPS	
18	Ankita S. Bhosle	INST	
19	Tallavi Thakur	IT	
20	Vaishnavi Devakar	IT	
21	Sushant Shetty	INST	
22	~~Tanvi Chavan~~	CSE	
23	Niharika das	Mech	
24	Hrushikesh Shetty	COMPS	
25	Vedant Chavan	COMPS	
26	Sujash Shelar	COMPS	
27	AYUSH SINGH	MECH	
28	Abhishek Gharat	Mech	
29	Bhupeshka Patil	COMPS	
30	Radha Vishwakarma	COMPS	
31	Nikita Mundaye	COMPS	
32	TEJAS Pachadiya	MECH	
33	Urvashi Patel	CSE(DS)	
34	KSHITIJ SHETTY	COMPS	
35	Tejal Mendhe	IT	
36	Vrushti Sanghavi	CSE	
37	Chetan Tawde	AIDS	
38	Harshal Bhanare	CSE	
39	Samadhan Salve	MECH	
40	Ragini Nair	INST	
	Sirajuddin Syed Qadri	MECH	

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

Event Name: ______ Date: 28 | 1 | 23

Program Officer Sign: [signature] Leader's Sign: ______

Sr. No	NAME	BRANCH	SIGN
41	Soham Musudkar	Mech	[signature]
42	ATTWAL UPADHYAY	MECH	[signature]
43	Abhishek Natu	IT	[signature]
44	Sachin Rai	mech	[signature]
45	Jay Prajapati	COMPS	[signature]
46	Suryanarayan Choudhury	AI&DS	[signature]
47	Deeksha Shetty	CIVIL	[signature]
48	Gauravi Patankar	AI&DS	[signature]
49	Ashlesha Rajput	IT	[signature]
50	Archa Jadhav	Comps	[signature]
51	Anagha Francis	Mech	[signature]
52	Urvashi Patel	CSE(DS)	[signature]
53	Mrs. Madhavi Gangurde		
54	Mrs. Vaishali Sirsath		

[signature]
PO NSS

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13_Bund_Dam construction activity

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2022-23
Title of the activity	BUND DAM CONSTRUCTION ACTIVITY
Date of the activity	28/01/2023
Description of the activity	THE DAM WAS BUILD TO REDUCE FLOW OF WATER DURING RAINS
Venue of the event	SAPHALE VILLAGE
Organizing committee	NSS
Number of participants	58

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

Date - 28th January, 2023

To,

The Principal

VCET

Subject: Bund Dam Construction Activity

On the second day of Residential Camp, All the students got up early in the morning, exercised, had breakfast.

Later groups were formed to start the first task of the nss camp . Everyone formed a group to build a dam. All the students reached the location where the work was to be done i.e. Karasunda.

The dam was to be built to reduce the flow of water during rains. Everyone made a pit where they wanted to make a dam and filled cement bags with soil and built them. Then by placing them one on top of each other, approximately 15 feet long, 3 feet wide and 6 feet high was made. About 250 bags filled with mud were used in this.

Everyone completed this work in two and a half hours. It's truly said that, "Unity is strength...when there is teamwork and collaboration, wonderful things can be achieved". Even the villagers praised the students and were joyful.

Later , all the students returned to the residential camp and a meeting was taken by students to discuss the workflow for the next day.

Thank you

Dr.Pradip Gulbhile

Program Officer

NSS

Bund Dam Constrcution, 2022-23

Bund Dam Constrcution, 2022-23

P.O. NSS

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

Event Name: Day 2 Date: 28/01/2023

Program Officer Sign: Leader's Sign:

Sr. No	NAME	BRANCH	SIGN
1.	Deeksha Shetty	CIVIL	
2.	Drishti Patil	CSE(DS)	
3	Radha Vishwakarma.	comps	
4.	ARCHA JADHAV	Comps	
5	Prerna Kanekar	comps	
6	Prerna Gawali	COMPS	
7.	Tejal Mendhe	IT	
8.	Gauravi Patankar	AI & DS	
9	Suryanarayan Chaudhury	AI/DS	
10.	Harshal S Bhamare	CSE (DS)	
11.	Sachin . P. Rai	MECH	
12.	Jay Prajapati	comp	
13.	chetan Jagdale	AI/DS	
14	Hrushikesh Shetty	COMPS	
15.	Rohit Redekar	Comps	
16.	Sugash Shelar	COMPS	
17.	Sarvadhan Salve	mech	
18.	Ankur sha saha	mech	
19	Vedant Chaskar	COMPS	
20.	Aayush Jha	CSE(DS)	
21	Tejas Puchadiya	Mech	
22	Kshitij Patil	Comp	
23	Onkar Suryavanshi	COMPS	
24	Pratham Ingawale	COMPS	
25	Sushant Shetty	INST	
26	Shubham Nakashe	Comps	
27	Nikita Mundaye	comps	
28	Amrita Bhosle	INST	
29	Prajakta Borse	Civil	
30	Bhupeksha Patil	COMPS	
31	Aashlesha Rajput	IT	
32	Vrushti Sanghavi	CSE(DS)	
33	Siddhi Jangam	CSE(DS)	
34	Janvi Bhanap	CSE(DS)	
35	Prinshi Jha	CSE(DS)	
36	Chaitanya Patil	COMPS	
37	Prathamesh G. More	MECH	
38	AYUSH S. SINGH.	MECH.	
39	Soham Mujumdar	Mech	
40	Shravan Tamb	EXTC	
41	Abhishek Gharat	MECH	

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

Event Name: _____ Date: 28/1/23

Program Officer Sign: _____ Leader's Sign: _____

Sr. No	NAME	BRANCH	SIGN
42	Vaishnavi Deokar	IT	
43	Tallavi Thakur	IT	
44	Ujwal Upadhyay	MECH	
45	Ragini Nair	INST	
46	Sirajuddin Syed Qadri	MECH	
47	Aditi Rathod	MECH	
48	Dhruv P. Pubby	Civil	
49	Anagha Francis	MECH	
50	Abhishek Mahri	IT	
51	Rishitij Shitty	COMPS	
52	Niharika R. Deo	MECH	
53	Dhrupad Patil		
54	Dr. Pradip Gulbhile (24 hours)	FE.	
55	Ms. Hasita Santosh Raut	IT	
56	Ms. Pragati A. Patil	IT	
57	Sushil N. Patil	Staff	
58	Prabhakar B. Patil	—	

Updated
30/01/23
Deepak Dalvi

30/01/23
P.O. N.S.S.

Click here for summary page

14_Water quality survey _Village_Kelthan

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2019 - 20
Title of the activity	Water quality survey
Date of the activity	29 - 02 - 2020
Description of the activity	Volunteers divided into 3 groups, & did water sampling
Venue of the event	Kelthan
Organizing committee	NSS - VCET
Number of participants	55

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2019-20)

Date - 29th Feb, 2020

To,

The Principal

VCET

Subject: Report on Water Quality Survey Village, Kelthan

Respected Sir,

NSS VCET organized an NSS Residential Camp from February 26th, 2024, to March 1st, 2024.

A water quality survey was conducted on the fourth day of the NSS Residential Camp in Kelthan village.

NSS volunteers were divided into 3 groups. 200 water samples were collected from various places throughout the village to check the quality of water utilized by people.

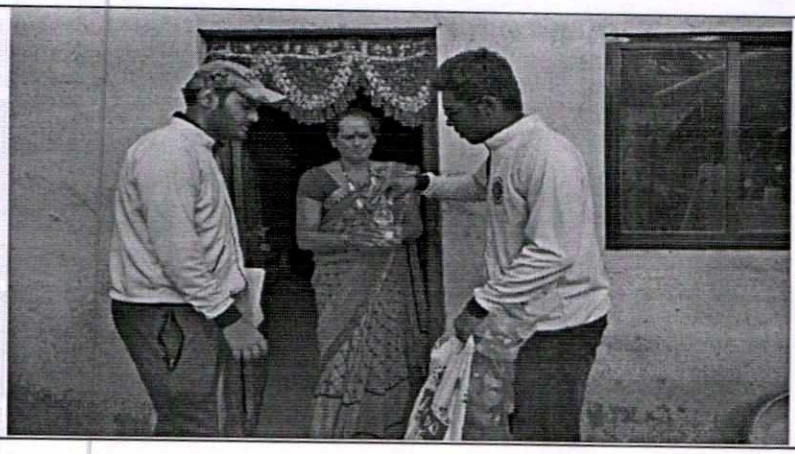
The objective of this event is to check the drinking water quality of the village. All the participants worked hard to collect samples across the village.

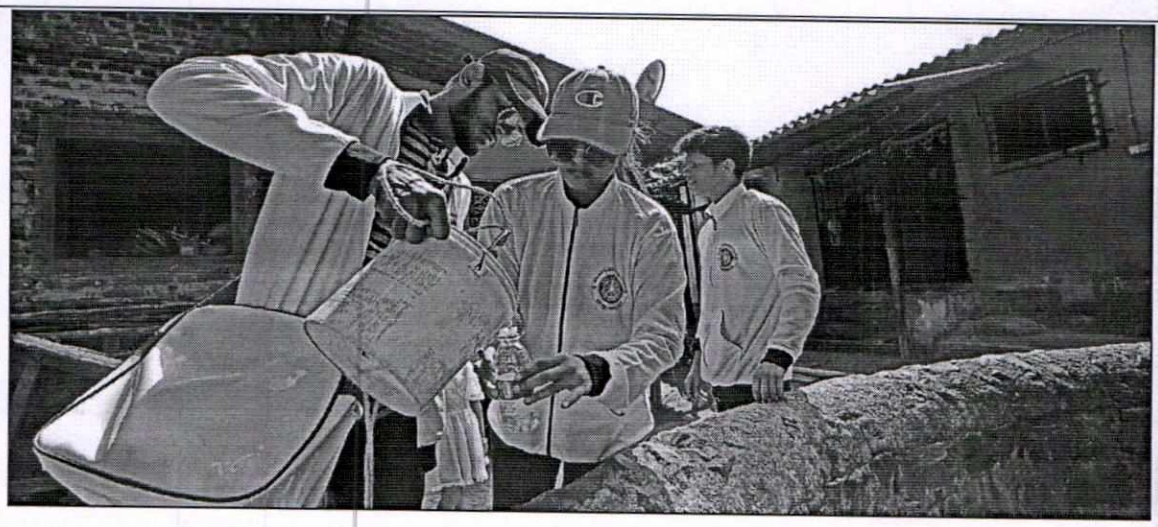
Thank you.

Dr. Pradip Gulbhile,

Programme Officer,

NSS





Report on Water Quality Testing of Kelthan Village, Wajreshwari

A Residential Camp of 07 days from 25/02/22020 to 02/03/2020 was arranged by NSS group of Vidyvardhinis College of Engineering and Technology, Vasai at Saibaba Temple, Shree Eshwardham Trust, village- Kelthan near Wajreshwari. Along with the Programme Officer, Dr. Pradip Gulbhile, 36 students and few faculty members were part of this Camp.

In view of Development of the village , water samples from village were collected on 01/03/2020 for testing their quality. The different sources from which water samples were collected were Tap water, Bore well, Well and Hand Pump and these samples were tested in Environmental Engineering Laboratory of the College. The samples were tested by the students of T.E. Civil namely Rishabh Sharma, Dhammadip Kamble, Prem Khanderao and Aniket Agavane under the guidance of Staff and Lab Incharge Asst.Prof. Puja Kadam.

The Observations and Conclusions made on testing of Water Samples are as follows:

1. Determination of pH of water sample:

a. Tap water

Sr. No.	Temperature	P
1	28°C	8.7
2	28°C	8.6
3	28°C	8.5

The average Ph of Tap water Sample is 8.60

b. Well

Sr. No.	Temperature	pH
1	28°C	8.46
2	28°C	8.31
3	28°C	8.27
4	28°C	8.46
5	28°C	8.46

The average Ph of Well water Sample is 8.39

c. Bore Well

Sr. No.	Temperature	pH
1	28°C	8.55
2	28°C	8.72
3	28°C	8.62
4	28°C	8.50
5	28°C	8.56

The average Ph of Bore Well water Sample is 8.59

d. Hand Pump

Sr. No.	Temperature	Ph
1	28°C	8.79
2	28°C	8.54
3	28°C	8.33
4	28°C	8.98
5	28°C	8.56

The average Ph of Hand Pump water Sample is 8.64

2. Determination of Dissolved Oxygen (D.O.) of Water Sample:

a. Tap water

Sr. No.	Temperature	D.O. (mg/l)
1	28°C	6
2	28°C	5.4
3	28°C	5.6

The average D.O. of Tap water Sample is 5.67mg/l

b. Well

Sr. No.	Temperature	D.O. (mg/l)
1	28°C	8.4
2	28°C	7.7

3	28°C	6.6
4	28°C	6.4
5	28°C	8.4

The average D.O. of Well water Sample is 7.5 mg/l

c. Bore Well

Sr. No.	Temperature	D.O. (mg/l)
1	28°C	3.0
2	28°C	3.8
3	28°C	4.2
4	28°C	3.3
5	28°C	3.6

The average D.O. of Bore Well water Sample is 3.58 mg/l

d. Hand Pump

Sr. No.	Temperature	D.O. (mg/l)
1	28°C	5.8
2	28°C	4.4
3	28°C	5.1
4	28°C	6.1
5	28°C	4.2

The average D.O. of Hand Pump water Sample is 5.12 mg/l

3. Determination of Turbidity of Water Sample:

Turbidty is a measure of the degree to which the water loses its transparency due to the presence of suspended particulate matter.

a. Tap Water

Sr. No.	Turbidity (NTU)
1	8
2	11
3	10

The average Turbidity of Tap Water water Sample is 9.6 NTU

b. Well

Sr. No.	Turbidity (NTU)
1	16
2	10
3	14
4	15
5	15

The average Turbidity of Well Water water Sample is 14 NTU

c. Bore Well

Sr. No.	Turbidity (NTU)

1		12
2		11
3		11
4		11
5		11

The average Turbidity of Bore Well Water Sample is 11.2 NTU

d. Hand Pump

Sr. No.	Turbidity (NTU)
1	10
2	12
3	13
4	15
5	11

The average Turbidity of Tap Water Sample is 12.2 NTU

4. Determination of Hardness of Water Sample:

a. Tap Water

Sr. No.	Volume of Sample (ml)	Burette Reading (ml)		Volume of EDTA (ml)
		Initial	Final	
1	20	1	4.5	3.5
2	20	4.5	8.5	4
3	20	8.5	11.5	3
4	20	11.5	15.4	3.9
Average Volume of EDTA used				**3.6**

Calculation:

Normality of EDTA = N= 0.02 N

Equivalent weight of $CaCO_3$ = 50

Volume of Sample Taken = 20ml

Volume of EDTA used= 3.6 ml

Total Hardness in mg/l of $CaCO_3$ =[(Volume of EDTA used X N X 50) / (Volume of Sample taken)] X 1000

= [(3.6 X 0.02 X 50)/ 20] X 1000

= 180 mg/l

b. **Well**

Sr. No.	Volume of Sample (ml)	Burette Reading (ml)		Volume of EDTA (ml)
		Initial	Final	
1	20	15.4	18.5	3.1
2	20	21.5	26.8	5.3
3	20	26.8	31.5	4.7
4	20	31.5	35.4	3.9
5	20	35.4	39.2	3.8
Average Volume of EDTA used				**4.16**

Calculation:

Normality of EDTA = N= 0.02 N

Equivalent weight of $CaCO_3$ = 50

Volume of Sample Taken = 20ml

Volume of EDTA used= 4.16 ml

Total Hardness in mg/l of $CaCO_3$ =[(Volume of EDTA used X N X 50) / (Volume of Sample taken)] X 1000

= [(4.16 X 0.02 X 50)/ 20] X 1000

= **208 mg/l**

c. **Bore Well**

Sr. No.	Volume of Sample (ml)	Burette Reading (ml)		Volume of EDTA (ml)
		Initial	Final	
1	20	39.2	42.5	3.3
2	20	42.5	46.6	4.1
3	20	1	5.5	4.5
4	20	9.5	12.4	2.9
5	20	12.4	16.2	3.8
Average Volume of EDTA used				**3.72**

Calculation:

Normality of EDTA = N= 0.02 N

Equivalent weight of $CaCO_3$ = 50

Volume of Sample Taken = 20ml

Volume of EDTA used= 3.72 ml

Total Hardness in mg/l of $CaCO_3$ =[(Volume of EDTA used X N X 50) / (Volume of Sample taken)] X 1000

= [(3.72 X 0.02 X 50)/ 20] X 1000

= **186 mg/l**

d. Hand Pump

Sr. No.	Volume of Sample (ml)	Burette Reading (ml)		Volume of EDTA (ml)
		Initial	Final	
1	20	16.2	20	3.8
2	20	20	22.5	2.5
3	20	22.5	26.1	3.6
4	20	31.1	35	3.9
5	20	35	38.8	3.8
Average Volume of EDTA used				**3.52**

Calculation:

Normality of EDTA = N= 0.02 N

Equivalent weight of $CaCO_3$ = 50

Volume of Sample Taken = 20ml

Volume of EDTA used= 3.52 ml

Total Hardness in mg/l of $CaCO_3$ =[(Volume of EDTA used X N X 50) / (Volume of Sample taken)] X 1000

= [(3.52 X 0.02 X 50)/ 20] X 1000

= **176 mg/l**

5. Determination of Chlorides in water sample:

a. Tap Water

Sr. No.	Volume of Sample (ml)	Burette Reading (ml)		Volume of $AgNO_3$ (ml)
		Initial	Final	
1	20	0.4	0.8	0.4
2	20	0.8	1.2	0.4
3	20	1.2	1.7	0.5
Blank	20	0	0.4	0.4
Average Volume of $AgNO_3$ used				**0.43**

Calculation:

Normality of $AgNO_3$ = N= 0.0282 N

Equivalent weight of Chlorine= 35.45

Volume of Sample Taken = 20ml

Volume of $AgNO_3$ used= 0.43 ml

Chlorides in mg/l =[(Volume of $AgNO_3$ used X N X 35.45) / (Volume of Sample taken)] X 1000

= [(0.43 X 0.0282 X 35.45)/ 20] X 1000

= **21.49 mg/l**

b. Well

Sr. No.	Volume of Sample (ml)	Burette Reading (ml)		Volume of $AgNO_3$ (ml)
		Initial	Final	
1	20	1.7	2.5	0.8
2	20	2.5	3.5	1.0
3	20	3.5	3.7	0.2
4	20	3.7	4.3	0.6
5	20	4.3	5.4	1.1
Average Volume of $AgNO_3$ used				**0.74**

Calculation:

Normality of $AgNO_3$ = N= 0.0282 N

Equivalent weight of Chlorine = 35.45

Volume of Sample Taken = 20ml

Volume of $AgNO_3$ used= 0.74 ml

Chlorides in mg/l =[(Volume of $AgNO_3$ used X N X 35.45) / (Volume of Sample taken)] X 1000

= [(0.74 X 0.0282 X 35.45)/ 20] X 1000

= **36.98 mg/l**

c. **Bore Well**

Sr. No.	Volume of Sample (ml)	Burette Reading (ml)		Volume of $AgNO_3$ (ml)
		Initial	Final	
1	20	5.4	7.2	1.8
2	20	7.2	8.3	1.1
3	20	8.3	9.1	0.8
4	20	9.1	9.7	0.6
5	20	9.7	12.5	2.8
Average Volume of $AgNO_3$ used				**1.42**

Calculation:

Normality of $AgNO_3$ = N= 0.0282 N

Equivalent weight of Chlorine = 35.45

Volume of Sample Taken = 20ml

Volume of $AgNO_3$ used= 1.42 ml

Chlorides in mg/l =[(Volume of $AgNO_3$ used X N X 35.45) / (Volume of Sample taken)] X 1000

= [(1.42 X 0.0282 X 35.45)/ 20] X 1000

= **70.97 mg/l**

d. Hand Pump

Sr. No.	Volume of Sample (ml)	Burette Reading (ml)		Volume of $AgNO_3$ (ml)
		Initial	Final	
1	20	12.5	14.9	2.4
2	20	14.9	17.1	2.2
3	20	17.1	17.9	0.8
4	20	17.9	18.8	0.9
5	20	18.8	19.4	0.6
Average Volume of $AgNO_3$ used				**1.38**

Calculation:

Normality of $AgNO_3$ = N= 0.0282 N

Equivalent weight of Chlorine= 35.45

Volume of Sample Taken = 20ml

Volume of $AgNO_3$ used= 1.38 ml

Chlorides in mg/l =[(Volume of $AgNO_3$ used X N X 35.45) / (Volume of Sample taken)] X 1000

= [(1.38 X 0.0282 X 35.45)/ 20] X 1000

= **68.97 mg/l**

Conclusion:

Characteristic	Types of Water Sample`	B.I.S Limits for Drinking

s of Water					Water	
	Tap Water	Well Water	Bore Well	Hand Pump	Requirement (Acceptable Limit)	Permissible limit in absence of Alternate Source
pH	8.60	8.39	8.59	8.64	6.5-8.5	No Relaxation
D.O. (mg/l)	5.67	7.5	3.58	5.12	> 5	-
Turbidity (N.T.U)	9.6	14	11.2	12.2	1	5
Hardness (mg/l)	180	208	186	176	200	600
Chlorides (mg/l)	21.49	36.98	70.97	68.97	250	1000

Classification of Water on the basis of Total Hardness

Total Hardness (mg/l)	Nature
0-60	Soft
61-120	Moderate
121-180	Hard
>181	Very Hard

Conclusion : From the above tables, it thus concludes :

- The tapwater and handpump water have pH on higher level on alkaline side and hence not safe for drinking in terms of pH

- D.O. Level of Borewell is very low and hence not safe for dinking in terms of D.O
- The turbidity of Well water, Bore Well and Hand pump water is very high and not safe for drinking in terms of turbidity
- The hardness of Tap water ,Well water, Bore Well and Hand pump water is high and it indicates very hard water

Students of T.E. Civil who tested the Water Quality

VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY * CIVIL Engg

HEAD
DEPT OF CIVIL ENGG.
Vidyavardhini's College of Engineering & Technology
Vasai Road (W)-401202.

Asst. Professor.
Civil Engg. Dept.
Env. Engg. Lab. Incharge

Vidyavardhini's College Of Engineering & Technology, Vasai (W).

WATER QUALITY SURVEY

Sampling, Testing & Analysis.

NSS UNIT

Bottle No.	Householder's Name	Source of Water	Health Issues (If Any)	No. of Family Members
1	Namdev Jadhav	Well	Joint Problem	6
2	Ramchandra Shivam Patil	Bore Well	-	5
3	Sandip Ganpat Patil.	Bore Well	Knee Problem	4
4	Santosh Madavi	Well	-	6
5	Pandurang Patil	Hand Pump	-	6
6	Jagan Patil	Hand Pump	Joint Problem	5
7	Anita Pandurang Tumbra	Hand Pump	-	10
8	Karuna Bhoir	Well	-	5
9	Anil Chaturya	Hand Pump	Kidney Problem	4
10	Sunita Bharat	Well	Respiratory issue	11
11	Mahesh Jadhav	Well	-	4
12	Kashishna Patil	Well	BP/Diabetics	5
13	Harishchandra Kanna Jadhav	Bore Well	Diabetics	3
14	Bhagyashree Patil	Well	-	10
15	Barku Bhuyal	Hand Pump	-	5
16	Anahita Patil.	Well	-	5
17	Ankush Bhuyal.	Hand Pump	Back pain/Joint	7
18	Ramchandra Patil.	Bore Well	BP.	5
19	MohanBhau Jadhav	Bore Well	-	3
20	Mahesh Bahan Tumbada	Well	-	3
21	Raigovind Kachare	Hand Pump	-	6
22	Kasturi Chatury	Well	-	6
23	Suresh Jadhav	Well	-	4
24	Kaveri Patil	Well	Joint/Backpain.	3
25	Anant Patil	Well	-	9
26	Mohan Patil	Bore Well	-	4
27	Savita Girane	Well	Joint Problem	4
28	Dayanand Chature	Well	-	4
29	Sanjay Patil.	Well	BP	10
30	Nakul Bhuyal.	Well	BP/Diabetes.	5

Borewell (GW) Muncipal Supply (MS) Well (W) - Mention if any other source of water supply.

Vidyavardhini's College Of Engineering & Technology, Vasai (W).

WATER QUALITY SURVEY

Sampling, Testing & Analysis.

NSS UNIT

Bottle No.	Householder's Name	Source of Water	Health Issues (If Any)	No. of Family Members
31	Ramchandra Ambo Jadhav	Bore well		5
32	Sumanta Navsy Raut	Bore well		1
33	Akshay Ananta Jadhav	Well		5
34	Aranti Ajit Tumbda	Bore well		6
35	Vasant Sadanand Zhate	Bore well		7
36	Goma Bhagya Tumbda	Bore well		3
37	Ramesh Shankar Jadhav	Bore well		5
38	Gurunath Shivram Zhate	Bore well		10
39	Toluram Chima Jadhav	Bore well		6
40	Dayanand Ananta Jadhav	Hand Pump		4
41	Ananta Chima Jadhav	Haud Pump		6
42	Haresh Ramchandra Bhopi	Haud Pump		3
43	Naresh Nathu Padosa	Haud Pump		6
44	Dhau Bhagya Tumbda	Bore well		6
45	Yashwant Ganpat Jadhav	Bore well		6
46	Nanaji Jhipru Patil	Bore well		3
47	Kalpana Raghunath Jadhav	Bore well		3
48	Ramesh Govind Farad	Well		5
49	Narmada Naresh Pawar	Well		3
50	Haribhau Mithu Patil	Well		5
51	Vishram Bhidu Thakrey	Bore well		2
52	Hemant Ramachandra Bhopi	Bore well		3
53	Vithal Bapu Padosa	Bore well		6
54	Chandrakant Shivram Jadhav	Bore well		6
55	Ganesh Namdev Patil	Bore well		8
56	Damodar Gopal Patil	Haud Pump		2
57	Jaywant Gopal Pandav	Bore well		6
58	Suresh L. Pawar	Bore well		4
59	Meena Dhau Tumbda	Bore well		6
60	Ranjana Raghunath Zhate	Bore well		7

Borewell (GW) Muncipal Supply (MS) Well (W) - Mention if any other source of water supply.

Vidyavardhini's College Of Engineering & Technology, Vasai (W).

WATER QUALITY SURVEY

Sampling, Testing & Analysis.

NSS UNIT

Bottle No.	Householder's Name	Source of Water	Health Issues (If Any)	No. of Family Members
61	Balu Maruti Baswat	W	—	7
62	Shyam Narayan Pavar	W	Diarrhea	7
63	Sanjay Amrut padosa	W	Viral Fever	6
64	Narendra Jadhav	GW	—	4
65	Anita Santosh Dagle	W	Viral Fever	6
66	Yogesh Baban Tumbda	GW	—	4
67	Mangesh N. Ganeshkar	T	—	6
68	Pramod Bhaskar Raut	GW	Diarrhea	3
69	Josna Jagdish Pathi	GW	—	5
70	Hemant Dhau Maskar	T	—	5
71	SURESH PANDU PAWAR	W	—	4
72	Sharmila Shashikant Yadav	GW	—	4
73	Sharmila Shreedhar Wanghale	GW	Viral Fever	2
74	Sachin Manze	GW	—	4
75	Kathoad Tumbada	GW	—	4
76	RAMCHANDRA BAPU	GW	—	4
77	Budhaj Shivram Zhate	GW	—	5
78	Ashok Raghunath Salunkhe	GW	—	2
79	Suresh Baghya Padhusa	GW	Viral Fever	8
80	Yogini Yogesh Kachre	GW	—	6
81	Ranjana Raghunath pathi	GW	—	6
82	Ganesh Gopal Pathi	GW	—	3
83	Rohit Atul Kamle	GW	—	2
84	Yogesh chandra Jadhav	W	—	5
85	More Rakesh Pathi	W	—	3
86	Mahesh Jeepal Pathi	W	Diarrhea	2
87	Nakul Sanket kamath	T	Viral Fever	4
88	Ravindra Santhals, Jadhav	GW	—	5
89	Rakesh Nakul Kahadane	W	—	3
90	Ajay Nitin Kamble	GW	—	4

Borewell (GW) Muncipal Supply (MS) Well (W) - Mention if any other source of water supply.

Tank (T)

Vidyavardhini's College Of Engineering & Technology, Vasai (W).

WATER QUALITY SURVEY

Sampling, Testing & Analysis.

NSS UNIT

Bottle No.	Householder's Name	Source of Water	Health Issues (If Any)	No. of Family Members
91	Sunita Sunil Bhopi	Borewell		5
92	Prakash Nashik Gareshkar	Borewell		6
93	Bharat Ravindra Gareshkar	Borewell		6
94	Potya Nago Gareshkar	Borewell		6
95	Harishchandra Gangaram Jadhav.	Well	BP / Diabetes	4
96	Sushash Tukaram Bharat.	Borrewell	–	2
97	Santosh Desle	Hand pump	–	4
98	Sadu Tumbara.	Hand pump.	BP/Joint pain	5
99	Bharat Khursange	well	–	3
100	Ramdas Kadam	Bore Well	–	7

Borewell (GW) Muncipal Supply (MS) Well (W) - Mention if any other source of water supply.

group 1

Vidyavardhini's College Of Engineering & Technology, Vasai (W).

WATER QUALITY SURVEY

Sampling, Testing & Analysis.

NSS UNIT

Bottle No.	Householder's Name	Source of Water	Health Issues (If Any)	No. of Family Members
101	Krutika Gharat	well	joint pain	6
102	Gurudev Solkar	Hand-pump	-	5
103	Ramu Bhasm	Hand-pump	-	4
104	krishna Tumbara	Hand-pump	-	3
105	Mayesh Edne	Borewell	-	5
106	suresh Tumbara	well	Joint problem	4
107	Tukaram kadam	Tap	-	6
108	Dhondiba kasare	Borewell	-	4
109	santosh Eyedne	well	Backpain	5
110	Mangesh Kavan	Borewell	-	7
111	Aniket Patil	Borewell	-	3
112	Premraj Patil	well	-	4
113	Kondiram Patil	Handpump	BP / Diabetes	7
114	Sakharam Jadhav	well	-	5
115	Shekhar kelkar	Handpump	-	6
116	Anil patil	well	Paralysis	3
117	Avinash Tumbara	Borewell	-	6
118	Tulsiram patil	Hand pump	-	5
119	Sharad Jadhav	Borewell	Sugar	4
120	Ramesh Jadhav	Hand pump	Joint pain	4
121	Akshay Jadhav	well	-	6
122	Dhanajay kelkar	Handpump	-	7
123	santoba Kale	Handpump	-	3
124	Manader sonavane	Borewell/well	BP	6
125	Uttam Raut	Borewell	-	5
126	Manohar kamble	well	Adkdi (आकडी)	3
127	Keshav kamble	Tap	-	6
128	Bhagvan Gharat	Borewell	-	4
129	Tanaji Gharat	Hand pump	Joint problem	5
130	Chandrakant Shinde	well	Knee / Back / Joint	7

Borewell (GW) Muncipal Supply (MS) Well (W) - Mention if any other source of water supply.

GROUP -(2)

Vidyavardhini's College Of Engineering & Technology, Vasai (W).

WATER QUALITY SURVEY

Sampling, Testing & Analysis.

NSS UNIT

Bottle No.	Householder's Name	Source of Water	Health Issues (If Any)	No. of Family Members
131	Dayanand Chima Bhopi	W	Jaundice	5
132	Akash Krishna Tumbda	GW	-	6
133	Jagdish Kanu Zhate	GW	-	6
134	Kavita Shivram Jadhav	GW	Diahoria	7
135	Vanita Atish Zhate	GW	-	5
136	Bharat Bhagya Tumbda	HP	-	10
137	Balu Nago Ganeshkar	HP	-	4
138	Mahesh Nathu Tumbda	HP	Jaundice	6
139	Hari Ramu Padosa	HP	-	7
140	Hema Govind Jadhav	HP	-	6
141	Shivram Ramchandra Bhopi	HP	Stomatch ache	6
142	Rachna Anant Jadhav	W	-	6
143	Prakash Shivu Jadhav	W	-	8
144	Samanta V. Maskar	W	Jaundice	3
145	Naresh Shivu Jadhav	HP	Stomatch ache	5
146	Ananta Raju Padosa	HP	-	6
147	Rakesh Suresh Padosa	HP	-	7
148	Hitesh Arjun Marvi	HP	-	6
149	Amol Prakash Bhuyal	W	Diarrhoria	6
150	Abhishek Sushant Patil	W	-	5
151	Dinesh Krishna Kothavna	W	-	7
152	Abhijit Manohar Gore	W	-	8
153	Prathmesh Toluram Patil	W	Diarrhea	6
154	Ajay Balu Atkari	GW	-	6
155	Arun Hitesh Patil	GW	-	5
156	Vishal Dinesh Raut	GW	-	5
157	Raghu Potya Padosa	GW	-	7
158	Kisan Dattaram Zhate	HP	-	10
159	Deva Manohar Jadhav	HP	-	3
160	Jagdish Balu Raut	HP	-	4
~~161~~				

Borewell (GW) Muncipal Supply (MS) Well (W) - Mention if any other source of water supply.
Hand Pump (HP)

GROUP-3 1/3/20

Vidyavardhini's College Of Engineering & Technology, Vasai (W).

WATER QUALITY SURVEY

Sampling, Testing & Analysis.

NSS UNIT

Bottle No.	Householder's Name	Source of Water	Health Issues (If Any)	No. of Family Members
161	Priyanka Patil	GW	-	4
162	Anusaya Jadhav	GW	Cough	3
163	Pandhari Bhuyal	GW	-	4
164	Ramesh Afare	GW	Joint Pain	5
165	Vijay Mali	GW	-	3
166	Ajit Patil	GW	-	4
167	Reshma Jadhav	GW	-	6
168	Rajat sutar	W	-	7
169	Hari Mourya	W	-	8
170	Prathamesh Kathavna	W	-	4
171	Manohar Mysorej	W	-	4
172	Dattaram Jadhav.	W	-	4
173	Amol Patil	W	-	3
174	Dayanand Afare	W	Viral Fever	2
175	Vishal Thate.	W	-	4
176	Bala Bhuyal.	W	-	3
177	Jagdish Kale.	GW	-	3
178	Nathu Padosa	W	-	5
179	Shiva Rane.	GW	-	6
180	Tukaram Raut.	GW	-	5
181	Bala Kakane.	W	-	5
182	Raja Mali	W	Stomach Ache	4
183	Rajaram Gole.	W	Viral Fever	3
184	Vijaykant Bhole	GW	-	3
185	Ramesh Bhoye.	GW	-	4
186	Anish Patil	W	Cough	3
187	Suresh Kokane.	W	Cough	3
188	Rachna Maskar	W	-	3
189	Radhabai Jadhav	W	Viral Fever	4
190	Tanvi Patil.	GW	-	4
191	Deva. Shinde	GW	-	6
192	Baburam Mali	GW	-	5

Borewell (GW) Muncipal Supply (MS) Well (W) - Mention if any other source of water supply.

Vidyavardhini's College Of Engineering & Technology, Vasai (W).

WATER QUALITY SURVEY

Sampling, Testing & Analysis.

NSS UNIT

Bottle No.	Householder's Name	Source of Water	Health Issues (If Any)	No. of Family Members
191	Krishna Jadhav	GW	–	7
192	Mahesh Kelkar	GW	–	10
193	Hitesh Sonavane	GW	Jaundice	6
194	Jagdish Yedne	W	–	6
195	Tukaram Ganeshkar	W	Stomatch ache	6
196	Shivram Bhasm	HP	–	5
197	Kisan Gharat	HP	–	3
198	Naresh Gharat	HP	Jaundice	5
199	Mangesh Maskar	HP	–	5
200	Nathu Patil	W	–	5

Borewell (GW) Muncipal Supply (MS) Well (W) - Mention if any other source of water supply.

Hand Pump (HP)

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2019-20)

Sr. No	Name	Year
1	Vipul Bhoir	BE
2	Vaibhav Rai	BE
3	Shravan Tawde	BE
4	Aryan Parab	BE
5	Sanjana Tiwari	BE
6	Aniket Jha	BE
7	Prachi Shah	BE
8	Tanzil Irfan Shaikh	BE
9	Roma Dhake	BE
10	Dhrumil Bhatt	BE
11	Rishabh Sharma	BE
12	Sayali Gupta	BE
13	Amey Chaudhari	BE
14	Siddharth Chakravarty	BE
15	Vaishnavi Gaikwad	BE
16	Riya Raut	BE
17	Prem Khanderao	BE
18	Meet Mehta	BE
19	Gargi Betawadkar	BE
20	Umesh Jadhav	BE
21	Abhishek Deshmukh	BE
22	Dhiraj Raut	TE
23	Pratik Jadhav	TE
24	Devbhatt singh	TE
25	Nohal Warang	TE
26	Disha Pote	TE
27	Heramb Botawadkar	TE
28	Sarvesh Shinde	TE
29	Praseeda Prabhu	TE
30	Aditi Rathod	SE
31	Rithesh Shetty	TE
32	Bhavik Mistry	TE
33	Ujjwal Upadhyay	TE
34	Dinesh Ahire	TE
35	Chetan Jawale	TE
36	Rishabh Sharma	SE
37	Ankur Saha	SE
38	Tejas Chonkar	SE
39	Aryan Kore	SE
40	Komal Swain	SE

41		Sanika Patil	SE
42		Yash Doke	SE
43		Bhavesh Gosavi	SE
44		Divya Singh	SE
45		Anushka Supe	SE
46		Jitesh Agnihotri	SE
47		Pawan Patil	SE
48		Sahil Jadhav	SE
49		Anagha Francis	SE
50		Akash Mourya	SE
51		Raul Arya	SE
52		Anushka Jagtap	SE
53		Aditi Shirke	SE
54		Rahul Shah	SE
55		Bhakti Raigawali	SE

Click here for summary page

A

Project Report On

DESIGN OF RAINWATER HARVESTING AND WASTE MANAGEMENT FOR COMMUNITY BUILDING

In Partial Fulfilment of the requirement for the Degree in

Bachelor of Civil Engineering

SUBMITTED by

KANCHAN CHAUHAN- 10

POOJA DHANWADE - 11

VAIDEHI DOMBHARE - 13

NAZREEN KHAN - 19

Under the Guidance of

Asst. Prof. PUJA KADAM

Department of Civil Engineering

Vidyavardhini's College of Engineering & Technology,

Vasai Road (W)

University of Mumbai

2022-23

CERTIFICATE

This is to certify that "**Kanchan Chauhan - 10, Pooja Dhanwade - 11, Vaidehi Dombhare – 13 and Nazreen Khan - 19**" have satisfactorily carried out and completed the Project entitled **"DESIGN OF RAINWATER HARVESTING AND WASTE MANAGEMENT FOR COMMUNITY BUILDING".** This work is being submitted for the award of degree of Bachelor of Civil Engineering It is submitted in the partial fulfilment of the prescribed syllabus of University of Mumbai for the academic year 2022-2023

(Mrs. Pujal Kadam)
Supervisor/Guide

(Dr. Ajay S. Radke)
Head of Department

(Dr. Harish Vankudre)
Principal

Project Report Approval for B.E.

The project entitled **"Design of Rainwater Harvesting and Waste Management for Community Building"** by **Kanchan Chauhan, Pooja Dhanwade, Vaidehi Dombhare and Nazreen Khan** are approved for the degree of **Bachelor of Engineering in Civil Engineering.**

1 _____

External Examiner

2 _____

Internal Examiner

3 _____

Project Guide

Date: 03/05/2023

Place: V.C.E.T., Vasai

Abstract

Nowadays, water scarcity is a severe problem and the liquid and solid waste generated cause's environmental pollution so rainwater harvesting system, sewage treatment plant and waste composting respectively, are the best practices that needs to be adopted everywhere. Through rainwater harvesting, the rainwater can be conserved, stored & used as per convenience. The Sewage treatment plant is designed as a primary treatment for the sewage water of households. Along with the rainwater harvesting system and sewage treatment plant, in-house composting of organic solid waste will help in reducing the quantity of solid waste reaching landfills. Our project here displays a case study of community building which is located in Dahanu (Palghar), in which we have designed a rain water harvesting system, along with the design of sewage treatment plant for sewage treatment. Our survey of that area showed that the solid waste management system is poor, so we have also planned the collection, handling, storage, segregation, disposal, and treatment of organic waste by composting for that community building. Our project thus concludes that adoption of such best practices in the societies will help in solving the problem of water scarcity, disposal of solid and liquid waste in the premises itself.

Keywords *- Best Practices, Rooftop rainwater harvesting, Sewage treatment plant, Organic Waste Management*

Cost of Rainy Filter FL 80 = ₹6,500

Total cost for Filter = ₹ 39,000

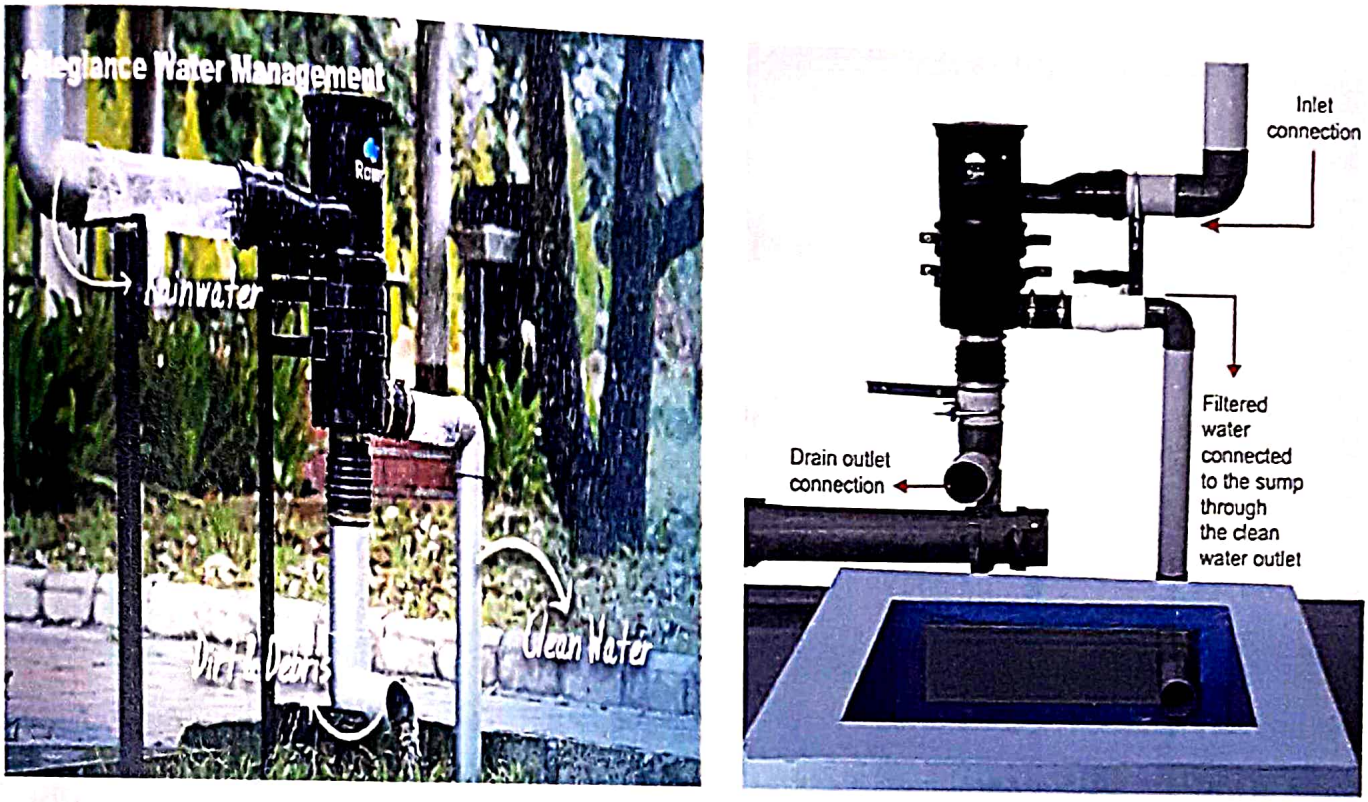


Fig. 4.4 T- Junction Pipe with Filter [34] [35]

Figure 4.4 represents the T - Junction Pipe with Filter.

4.3 Sewage Treatment Plant

4.3.1 Design Approach

a) Where does the wastewater comes from?

Sanitary wastewater & Storm water runoff.

b) How much wastewater flow is there going to be?

The quantity of sewage produced depends upon the quantity of water used.

Generally,

Population=400

Daily Demand=135 lpcd

Average daily flow= 70% Daily Demand

Average Daily Demand = 135*(70/100)*400

= 37800 liters/day

≅ 38000 liters/day

Chapter 5

Conclusion

The Project contributes to Environmental Engineering by providing a thorough assessment of Residential Building. This highlights the effective strategies for dealing with water consumption and environmental pollution. The project suggests Rainwater harvesting system, sewage treatment plant and Organic waste composting as a solution to the issues related to water scarcity, waste water, and solid waste management respectively. We've designed a RCC water tank for rain water harvesting and also suggested alternate solution as FRP. We obtained 18, 43,194 lit. Of water annually which is 10.09% of total water demand. The organic waste management based traditional compost method, after decomposition of waste it will produce excellent raw material with good fertilizing value which can be used for plantation in the building. The Sewage Treatment plant is designed to meet necessities and requirements of approximate 400 population with a large duration. The project includes the design of entire Sewage treatment plant components including collection pit, sewer chamber, grit chamber, primary sedimentation tank, aeration tank, secondary clarifier, clean water collection tank, sludge pump house, sludge drying bed and filter pump house and sump for sewage.

The effectiveness of rainwater harvesting system lies in its ability to meet our case study requirements and end use preferences. Though simple, these systems are Residential building specific and need to be detailed out before implementation, which was completed by our side. With decrease in availability of water, rainwater harvesting presents the best option for times to come. The proper disposal and treatment of waste is an essential part of any effective environmental management system. To bring an effective conclusion to waste treatment, there needs to be a commitment to reducing and reusing resources and utilizing proper waste disposal techniques. The implementation of a proper recycling program, as well as the implementation of sustainable waste management practices, will help prevent pollution and protect the environment. Furthermore, educating the public about the importance of proper waste disposal is essential to ensure that the proper steps are taken to sustain a safe and healthy environment.

In our residential building, there is now relatively little awareness of this problem. The behavior of generating garbage is too dangerous not only for today's generation, but also for future generations. It is critical to educate people and encourage them to practice Recycle, Reuse, and Reduce instead of producing waste.

Click here for summary page

A Project Report on

Optimization of Variable Compression Ratio Accompanied with Variable Injector Location in Di Diesel Engine Using Renewable Fuels.

Submitted in partial fulfilment
Of the requirements for the degree of

Bachelor of Engineering
In
Mechanical Engineering
By,

PREM PANDEY	**17**
ZUBAIR SHAIKH	**24**
RISHABH TIWARI	**27**
PRANJALI LOKHANDE	**58**

Guided by,
Prof. ASHISH CHAUDHARI

VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY
Department of Mechanical Engineering
K. T. MARG, VASAI ROAD (W)

UNIVERSITY OF MUMBAI

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

PREM PANDEY

ZUBAIR SHAIKH

RISHABH TIWARI

PRANJALI LOKHANDE

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

Under our supervision & guidence, 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 2019-20

Dr. Ashish Chaudhari

PROJECT GUIDE

PRINCIPAL

HEAD

Dept. of Mechanical Engg.,
Vidyavardhini's College of
Engineering & Technology
Vasai Road, 401202.

HEAD OF DEPARTMENT

INTERNAL EXAMINAR

EXTERNAL EXAMINAR

ABSTRACT

Owing to the depletion of non-renewable fuels by the next fifty years, world energy outlook 2018 emphasis on the search of alternative fuels to the conventional fuels such as petrol, diesel, LPG etc. Simultaneously there are lot of efforts put by researchers in improving the performance of the vehicle. The outcome of which, the technology such as CRDI, KAPPA, DTSI, VVT, GDI were evolved and commercially implemented in the engine.

The technology improvement has been carried out keeping the objective of minimum fuel consumption with maximum power output. One of the technology of variable compression ratio was established in recent years by researchers and it improves the performance of the engine. In addition to this the variable injector location is a novel technique wherein the point of injection of diesel may be adjusted as per load and speed of the engine. By this way the fuel atomizes efficiently causing the uniform combustion inside combustion chamber.

The combined study of variable compression ratio with variable injector location has been carried out prior on diesel fuel. Further the renewable fuels such as compressed biogas and raw producer gas will be utilized in the diesel engine in dual fuel mode. The selection of optimum compression ratio and optimum variable injector location based on load and speed of the engine will be the outcome of the study. The environment pollution components such as CO, NOx and HC due to diesel fuel combustion will be substantially reduced with use of renewable fuels.

CHAPTER 5

BIOGAS MECHANISM

5.1 Biogas Cylinder

Bio gas is supplied from this cylinder.
The pressure of biogas is 1000 psi i.e. 68 bars.
This pressure is supplied to the Lovato kit, which regulates the pressure as required.
From there it is supplied to gas mixer and finally to the engine head.
220 bar pressure can be stored in the cylinder.

Fig 5.1

5.2 Lovato Kit

BIOGAS REDUCER RME090

- The RME090 model is a three stages reducer for Biogas vacuum systems. It is homologated in accordance with ECE R110, ARAI and INMETRO and complies with ISO 15500-9 standards. The reducer is equipped with solenoid valve between second and third stage and an integrated minimum adjusting screw.
- The outlet gas pressure is regulated by intake engine.
- The RME090 reducer is suitable for engines up to 90 kW (122 HP).

CHAPTER 6

OBSERVATION AND CALCULATION

After installation of variable piston mechanism, the reading was taken on variable CR i.e. CR1, CR2, CR3, CR4.

Table 6.1 CR1 Observation table

LOAD KG	SPEED RPM	FUEL CONSUMPTION	MANOMETER READING (mm)	WATER FLOW RATE LITRE/SEC
0	1953	5.8	68	0.133
3	1841	5.2	58	0.133
6	1592	4.9	51	0.133
9	1400	5.5	34	0.133

Table 6.2 CR2 Observation table

LOAD KG	SPEED RPM	FUEL CONSUMPTION	MANOMETER READING (mm)	WATER FLOW RATE LITRE/SEC
0	1898	4.8	62	0.133
3	1760	4.7	55	0.133
6	1624	5.2	48	0.133
9	1276	7	37	0.133

CHAPTER 8

CONCLUSION

- **It was found that when we reduce the supply of diesel, the Brake Power Starts decreasing as biogas has lesser Calorific Value.**
- **Diesel Engine was not able to work on 50% diesel supply but with Biogas introduction along with it helped to run the engine at 50% Diesel input.**
- **Efficiency of the Engine reduces as the diesel supply is cut off.**
- **BSFC was found to be increased as more biogas is used as compared to diesel because of its lesser Calorific Value.**

Click here for summary page

17_Say No to Drugs Activity

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2020-21
Title of the activity	Say No To Drugs Activity
Date of the activity	26-04-2021
Description of the activity	Webinar was organized on Say No To Drugs to create awareness about the growing issue of substance abuse among youth.
Venue of the event	VCET
Organizing committee	NSS VCET
Number of participants	176

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2021-22)

Date:- 26st April 2021

To,
The Principal
VCET.

Subject: Report no Say No to Drugs, 26st April 2021

The NSS_VCET recently organized a webinar titled "Say No to Drugs" to create awareness and address the growing issue of substance abuse among the youth. The event aimed to educate and empower the participants to make informed decisions about their health and well-being.

The webinar featured expert speakers who discussed the physical, psychological, and societal consequences of drug addiction. They emphasized the importance of early intervention and prevention strategies, highlighting the role of education and support systems. Participants were encouraged to engage in open discussions, seek help, and spread awareness about the detrimental effects of drugs within their communities.

In conclusion, the "Say No to Drugs" webinar by NSS_VCET successfully conveyed the message of drug avoidance and provided a platform for participants to understand the consequences of substance abuse. By fostering knowledge and promoting open dialogue, the event served as a significant step in addressing this critical issue and promoting a healthier and drug-free society.

Thank you

Dr.Pradip Gulbhile
Program Officer
NSS

MINISTRY OF HOME AFFAIRS

my GOV

NARCOTICS CONTROL BUREAU

Say Yes to Life, No to Drugs

Certificate

This is to certify that

Vedant Chavkar

has taken the 'Say Yes to Life, No to Drugs' Pledge and committed himself/herself to consciously cooperate in stopping drug abuse and stay away from drugs to live a healthy life.

8234422392

April, 26 2022

P.O. - NSS

Say No Drugs

NSS

Vidyavardhini's College of Engineering &Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

Sr No	Name	Year
1	Mayur Gohil	Faculty
2	Ashish Chaudhari	Faculty
3	Tusharkumar Raut	Faculty
4	Sanjay Lohar	Faculty
5	Vishal Pande	Faculty
6	Ragini Nair	TE
7	Sushant Shetty	TE
8	Prathamesh More	TE
9	Jayesh Nakashe	TE
10	Urmiksha Tawde	TE
11	Vivek Patil	TE
12	Sundar Chaudhary	TE
13	Aditi Rathod	TE
14	Anagha Francis	TE
15	Adarsh Ottupurath	TE
16	Shravan Tawde	TE
17	Riya Raut	TE
18	Ayush Singh	TE
19	Kaustubh Gharat	TE
20	Ankur Saha	TE
21	Prashant Sahu	TE
22	Chaitanya Patil	TE
23	Harsh Mittal	BE
24	Rohit Salunkhe	BE
25	Heramb Betawadkar	BE
26	Harsh Sambare	BE
27	Krishna Maniyar	BE
28	Shreelakshmi Balachandra	BE
29	Bhavesh Gosavi	BE
30	Viren Borale	BE
31	Vinit More	BE
32	Suresh Borana	BE
33	Abhishek Amin	BE
34	Vaibhav Rai	BE
35	Apurva Gurav	BE
36	Tejas Chonkar	BE
37	Bhakti Raigawali	BE
38	Ameya Late	BE
39	Rahul Kamble	BE
40	Meet Mehta	BE
41	Parinistha Sharma	BE
42	Pranav Kulkarni	BE
43	Viraj Gavali	BE

44	Omkar Salunkhe	BE
45	Soham Madhvani	BE
46	Pritish Nayak	BE
47	Jessica Lobo	BE
48	Rahul Chormare	BE
49	Devansh Desai	BE
50	Hrithik Gavankar	BE
51	Bhakti Shetty	BE
52	Samruddhi Gamre	BE
53	Mihir Dubey	BE
54	Manoj Prabhu	BE
55	Swapna Khade	BE
56	Dhrumil Bhatt	BE
57	Sairaaj Gurav	BE
58	Tanmay Sankhe	BE
59	Shubham Utekar	BE
60	SHIKHAR DHRUV MEHTA	SE
61	Sahil Swapnil Patil	SE
62	Aditi Bhatt	SE
63	Pooja Narayan naskar	SE
64	Prena Gawali	SE
65	Urvashi Patel	SE
66	Deeksha Shetty	SE
67	Vrushti Sanghavi	SE
68	Janvi Rajendra Chavan	SE
69	Om Rajesh Tiwari	SE
70	Omkar Suresh Suryavansi	SE
71	Naman Annadate	SE
72	Jay Kamlashankar Prajapa	SE
73	Pratham Ingawale	SE
74	Mitali Rawat	SE
75	Niharika Das	SE
76	Vaishnavi Deokar	SE
77	Siddhi jangam	SE
78	Riddhi Chavda	SE
79	Deepali Kothari	SE
80	Samarth Nilesh Mane	SE
81	Khanjan Joshi	SE
82	Pallavi Thakur	SE
83	Rahul Shah	SE
84	Rohit Sachin Redekar	SE
85	Shen Dave	SE
86	Sanskruti Rajkumar Kokar	SE
87	Prajakta Borse	SE
88	Chetan Jawale	SE
89	Jidnyasa Patil	SE
90	Priya Kamlesh Vadera	SE
91	Sanika Patil	SE
92	Tanishka Wani	SE
93	Radha Vishwakarma	SE

P.O. NSJ

94	Kshitij Patil	SE
95	Siddhi Kolwankar	SE
96	Omkar Jadhav	SE
97	Pradip Pal	SE
98	Hrushikesh Shetty	SE
99	Aayush Sanjay Jha	SE
100	Anushka Supe	FE
101	Aryan Patil	FE
102	Aryan Darade	FE
103	Nishant Bhandigare	FE
104	Soham Dahanukar	FE
105	Vaishnavi Dungawat	FE
106	Abhishekh Gharat	FE
107	Gauravi Patankar	FE
108	Sima Gupta	FE
109	Harshal Bamare	FE
110	Vaishnavi Gaikwad	FE
111	Raghavendra	FE
112	Tejal Mendhe	FE
113	Ujjwal Upadhyay	FE
114	Sanjana Tiwari	FE
115	Jagruti Borse	FE
116	Sahil Kulabkar	FE
117	Varun Soni	FE
118	Prachi Shah	FE
119	Aryan Kore	FE
120	Siddhesh Thakarkar	FE
121	Rutuja Mestry	FE
122	Dhruv Purav	FE
123	Prathamesh Mayekar	FE
124	Aman Gupta (IT)	FE
125	Khushboo Mishra	FE
126	Amey Chaudhari	FE
127	Durvesh Kajrekar	FE
128	Suryanarayan Choudhury	FE
129	Sayali Gupta	FE
130	Kiran Rokade	FE
131	Shreya Nayak	FE
132	Shranya Rudraksha	FE
133	Kavisha Pachalkar	FE
134	Aniruddha Jadhav	FE
135	Vinayak Deore	FE
136	Isha Kshatriya	FE
137	Aditya Bhandare	FE
138	Akash Mourya	FE
139	Vipul Bhoir	FE
140	Mrudul Chaudhari	FE
141	Prashik Gaikwad	FE
142	Aman Gupta (COMPS)	FE
143	Vrusharth Nirmal	FE

P.O. NSS

144	Ayushi Bisen	FE
145	Paarth Baradia	FE
146	Chaitali Karale	FE
147	Trupti Hedalkar	FE
148	Shruti Pawar	FE
149	Abhinav Mahajan	Passouts
150	Dhiraj	Passouts
151	Heemali Save	Passouts
152	Abhishek Jangam	Passouts
153	Aniket Agavane	Passouts
154	Aditi Shirke	Passouts
155	Nehal Warang	Passouts
156	Devesh	Passouts
157	Haripriya Ramisetty	Passouts
158	Ayush	Passouts
159	Akansha Singh	Passouts
160	Yunika Bhalala	Passouts
161	Sarvesh Shinde	Passouts
162	Omkar Chaudhari	Passouts
163	Prem Khanderao	Passouts
164	Divya Singh	Passouts
165	Shrushti Sakpal	Passouts
166	Vishnu	Passouts
167	Vinay	Passouts
168	Roma Dhake	Passouts
169	Zeal Vala	Passouts
170	Jay	Passouts
171	Samir	Passouts
172	Prathamesh Devrukhar	Passouts
173	Ajit	Passouts
174	Tanzil Irfan Shaikh Siddhic	Passouts
175	Piyusha Rane	Passouts
176	Ritik Singhvi	Passouts

P.O. NSS

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18_Yoga Day _2022-23

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2022 – 23
Title of the activity	YOGA DAY
Date of the activity	21/06/2022
Description of the activity	YOGA DAY WAS CELEBRATED TO SPREAD AWARENESS ABOUT IMPORTANCE OF YOGA
Venue of the event	VCET
Organizing committee	NSS
Number of participants	47

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

Date:- 21st June, 2022

To,
The Principal
VCET.

Subject: Yoga Day

To spread awareness about the importance of Yoga, NSS Committee of Vidyavardhini's College of Engineering and Technology, Vasai decided to celebrate the occasion of International Yoga Day with great enthusiasm on 21st June, 2022. The event was addressed by the members of the NSS unit by initially welcoming the principal and all the faculty members.

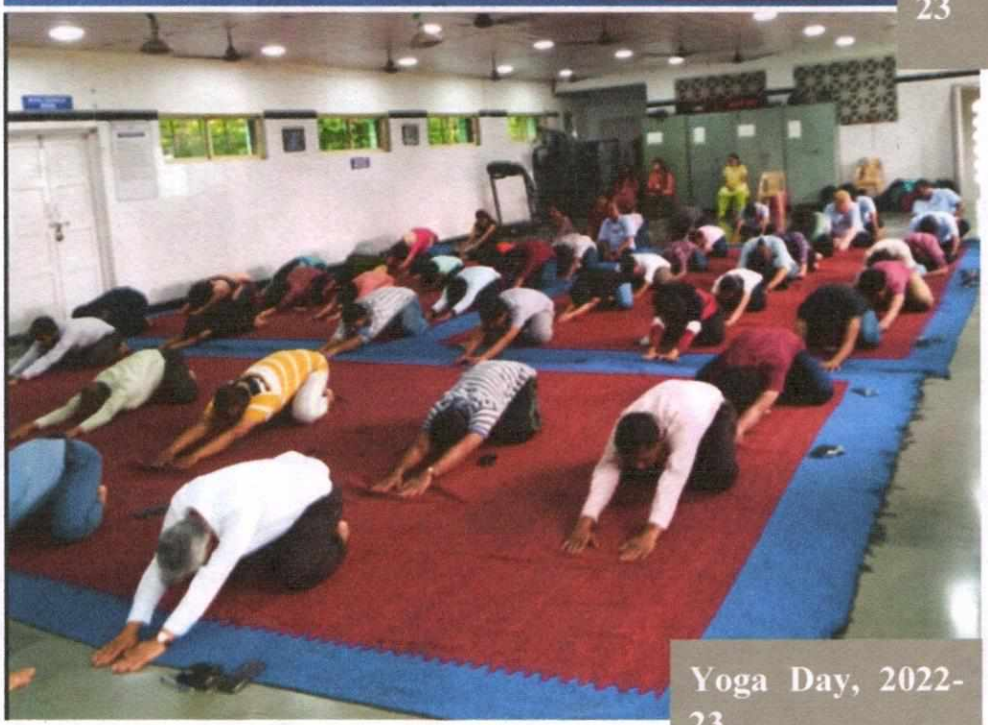
The event started with a speech about the importance of doing yoga everyday by the members of Patanjali Yog Samiti. This event was conducted in the Gymkhana where students as well as staff members participated. The members of Patanjali Yog Samiti started training everyone with all the basics of Yoga and teaching many different asanas.

Lastly, the volunteers ended the event by giving a vote of thanks to all the dignitaries and other committee members.

Thank you

Dr.Pradip Gulbhile
Program Officer
NSS

Yoga Day, 2022-23



Yoga Day, 2022-23

P.O. NSS

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

YOGA DAY

SR NO	NAME	YEAR
1	Soham Murudkar	TE
2	Niharika Das	TE
3	Nilesh Birje	TE
4	Pallavi Thakur	TE
5	Aashlesha Rajput	TE
6	Omkar jadhav	TE
7	Riya Dutta	TE
8	Siddhi Kolwankar	TE
9	sanksruti Kokare	TE
10	aditi khambe	TE
11	Abhishek Hataui	TE
12	Vaishnavi Deokar	TE
13	Radha Vishwakarma	TE
14	Rishabh Tripati	TE
15	Onkar suryanwanshi	TE
16	Kshitij Shetty	TE
17	Hurshikesh Shetty	TE
18	Suyash Shelar	TE
19	Rohit Redekar	TE
20	Sanika patil	TE
21	bhupeeksha Patil	TE
22	Kshitij patil	TE
23	Shubham Nakashe	TE
24	Nikita Mundaye	TE
25	Prerna Kanekar	TE
26	Archa Jadhav	TE
27	Prerna Gawali	TE
28	Sachin Rai	TE
29	Krish Vaity	TE
30	Prajakta Borse	TE
31	Deekha Shetty	TE
32	Janvi Chavan	TE
33	Aayush Jha	TE
34	Urvashi Patel	TE
35	Jidnyasa Patil	TE
36	Mayuresh Kadam	BE
37	Ragini Nair	BE
38	Riya Raut	BE
39	Sushant Shetty	BE
40	Urmiksha Tawde	BE
41	Chaitanya Patil	BE
42	Sundar Chaudhary	BE
43	Prathamesh More	BE
44	Syed Qadri Sirajuddin M.	BE
45	Aditi Rathod	BE
46	Ankur Saha	BE
47	Shravan Tawde	BE

HRUSHIKESH SHETTY
NSS LEADER

P.O. NSS

DEERSHA SHETTY
UDAAN PRESIDENT

18_Yoga Day _2020-21

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2020-21
Title of the activity	YOGA DAY
Date of the activity	21-06-2021
Description of the activity	NSS Committee of VCET had conducted a workshop on Yoga for students.
Venue of the event	VCET
Organizing committee	NSS VCET
Number of participants	80

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2021-22)

Date:- 21 June 2021

To,
The Principal
VCET.

Subject: Report on Yoga Day, 21 June 2021

Dear Sir,

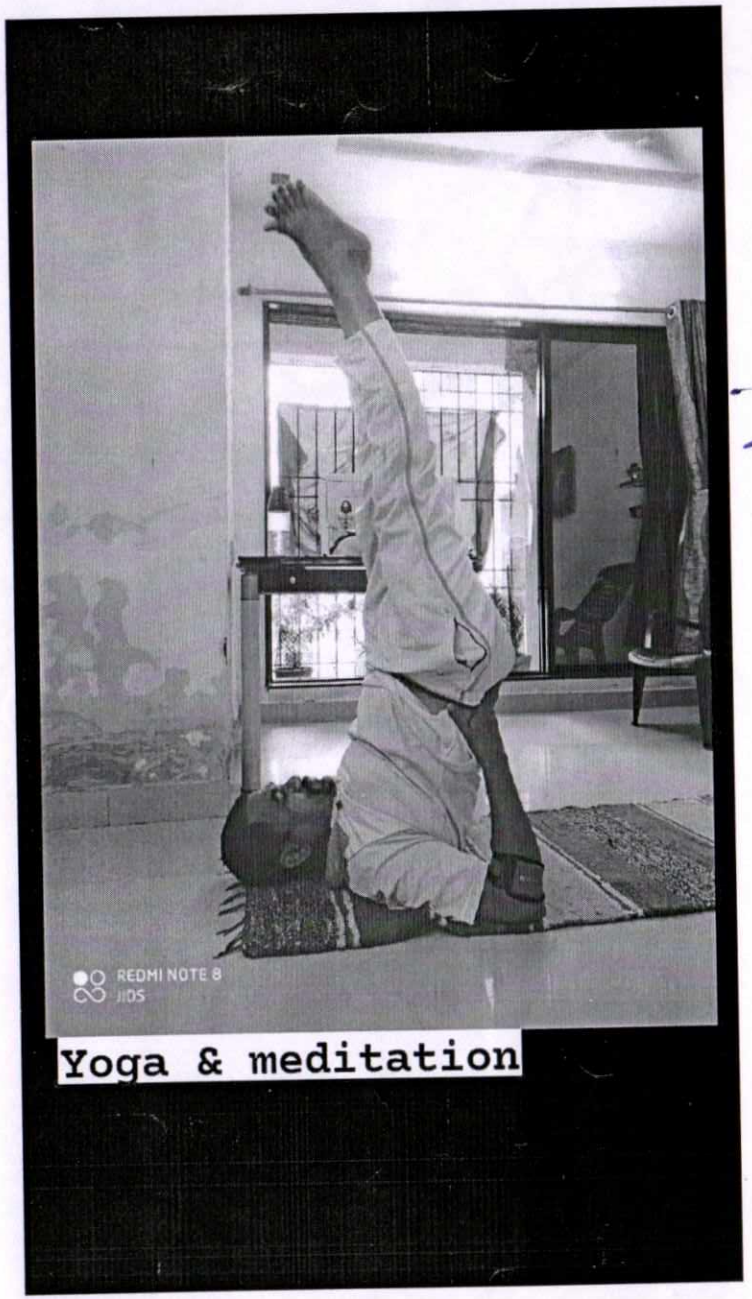
We all know how yoga can be a great way to get rid of stress that accumulates daily, in both, body and mind so The NSS Committee of Vidyavardhini's college of engineering and technology had conducted a workshop on yoga for the students. Due to the pandemic situation, the event was conducted on 21 June 2021 virtually through Google Meet from 7 am

The yoga session was conducted with great dedication. The students as well as the teachers participated with full interest, enthusiasm and eagerness. The session began by seeking the blessings of the Almighty by chanting the Gayatri Mantra. Asanas starting with warming up and stretching were followed by a series of Padmasana, Sukhasan and ending with Shavasana. Exercises for relieving stress reducing joint pain and enhancing the flexibility of the back were also done for the benefit of the teachers as well as students. Students also demonstrated various asanas followed by Omkar chanting and warm up exercises. Sir motivated the staff and conveyed the importance of making yoga an integral part of cur daily life.

Sir also gave us an insight about how yoga is an invaluable gift of India's ancient tradition Yoga is not about exercise but to discover the sense of oneness with yourself, the world and nature. The session was concluded with an interactive session between the instructor and the teachers in

Thank You,

Dr.Pradip Gulbhile
Programme Officer
NSS


REDMI NOTE 8
Yoga & meditation

Yoga Day

NSS

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

Sr.No.	Name	Year
1	Rohit Adhikari	TE
2	Urmiksha Tawade	TE
3	Ankur Saha	TE
4	Mayuresh Kadam	TE
5	Aditi Rathod	TE
6	Ragini Nair	TE
7	Mrunmayee Patankar	TE
8	Riya Raut	TE
9	Vivek Patil	TE
10	Sundar Choudhary	TE
11	Jayesh Nakashe	TE
12	Apurva Gurav	BE
13	Viren Borale	BE
14	Harsh Mittal	BE
15	Omkar Salunkhe	BE
16	Shreelakshmi Balachandran	BE
17	Meet Mehta	BE
18	Tejas Chonkar	BE
19	Soham Madhvani	BE
20	Rohit Salunkhe	BE
21	Harsh Sambare	BE
22	Viraj Gavali	BE
23	Mihir Dubey	BE
24	Parinistha Sharma	BE
25	Suresh Borana	BE
26	Bhakti Raigawali	BE
27	Tanmay Sankhe	BE
28	Swapna Khade	BE
29	Shubham Utekar	BE
30	Devansh Desai	BE
31	Sairaaj Gurav	BE
32	Manoj Prabhu	BE
33	Krishna Maniyar	BE
34	Heramb Betawadkar	BE
35	Abhishek Amin	BE
36	Rahul Kamble	BE
37	Jessica Lobo	BE
38	Rahul Chormare	BE
39	Pranav Kulkarni	BE
40	Bhavesh Gosavi	BE
41	Bhakti Shetty	BE
42	Hrithik Gavankar	BE

P.O. NSS

43	Dhrumil Bhatt	BE
44	Ameya Late	BE
45	Pritish Nayak	BE
46	Vinit More	BE
47	Vaibhav Rai	BE
48	Samruddhi Gamre	BE
49	Prena Gawali	SE
50	Deeksha Shetty	SE
51	Deepali Kothari	SE
52	Vaishnavi Deokar	SE
53	Sanika Patil	SE
54	Kshitij Patil	SE
55	Omkar Suresh Suryavanshi	SE
56	Prajakta Borse	SE
57	Niharika Das	SE
58	Riddhi Chavda	SE
59	Radha Vishwakarma	SE
60	Omkar Jadhav	SE
61	Shen Dave	SE
62	Sanskruti Rajkumar Kokare	SE
63	Aayush Sanjay Jha	SE
64	Jidnyasa Patil	SE
65	Jay Kamlashankar Prajapati	SE
66	Chetan Jawale	SE
67	SHIKHAR DHRUV MEHTA	SE
68	Pooja Narayan naskar	SE
69	Samarth Nilesh Mane	SE
70	Rahul Shah	SE
71	Siddhi jangam	SE
72	Pradip Pal	SE
73	Urvashi Patel	SE
74	Pallavi Thakur	SE
75	Vrushti Sanghavi	SE
76	Rohit Sachin Redekar	SE
77	Om Rajesh Tiwari	SE
78	Tanishka Wani	SE
79	Janvi Rajendra Chavan	SE
80	Hrushikesh Shetty	SE

18_Yoga Day _2019-20

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2019-20
Title of the activity	Yoga Day
Date of the activity	21/06/2020
Description of the activity	NSS - VCET Organized Yoga day at College Campus
Venue of the event	VCET
Organizing committee	NSS VCET
Number of participants	55

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2019-20)

Date - 21st June 2020.

To,
The Principal
VCET.

Subject: Report on Yoga day, 21st June 2020.

Respected Sir,

The Nss Committee at Vidyavardhini College of Engineering and Technology orchestrated a virtual yoga workshop on June 21, 2020, utilizing Google Meet at 7 am, given the prevailing pandemic circumstances. Attended by both students and faculty, the workshop commenced with the recitation of the Gayatri Mantra, followed by a dedicated yoga session. The activities encompassed warm-ups, stretching exercises, Padmasana, Sukhasan, and Shavasana. Additionally, specific exercises targeting stress relief, reduction of joint pain, and enhancement of back flexibility were incorporated for the overall well-being of the participants.

Active participation from students was observed as they engaged in the session, demonstrating various asanas and leading chants such as Omkar. The instructor underscored the importance of integrating yoga into daily routines, portraying it as a valuable gift from India's ancient tradition. Beyond physical exercise, the instructor emphasized that yoga extends to the discovery of unity within oneself, the world, and nature. The workshop concluded with an interactive segment, addressing student inquiries and providing valuable insights.

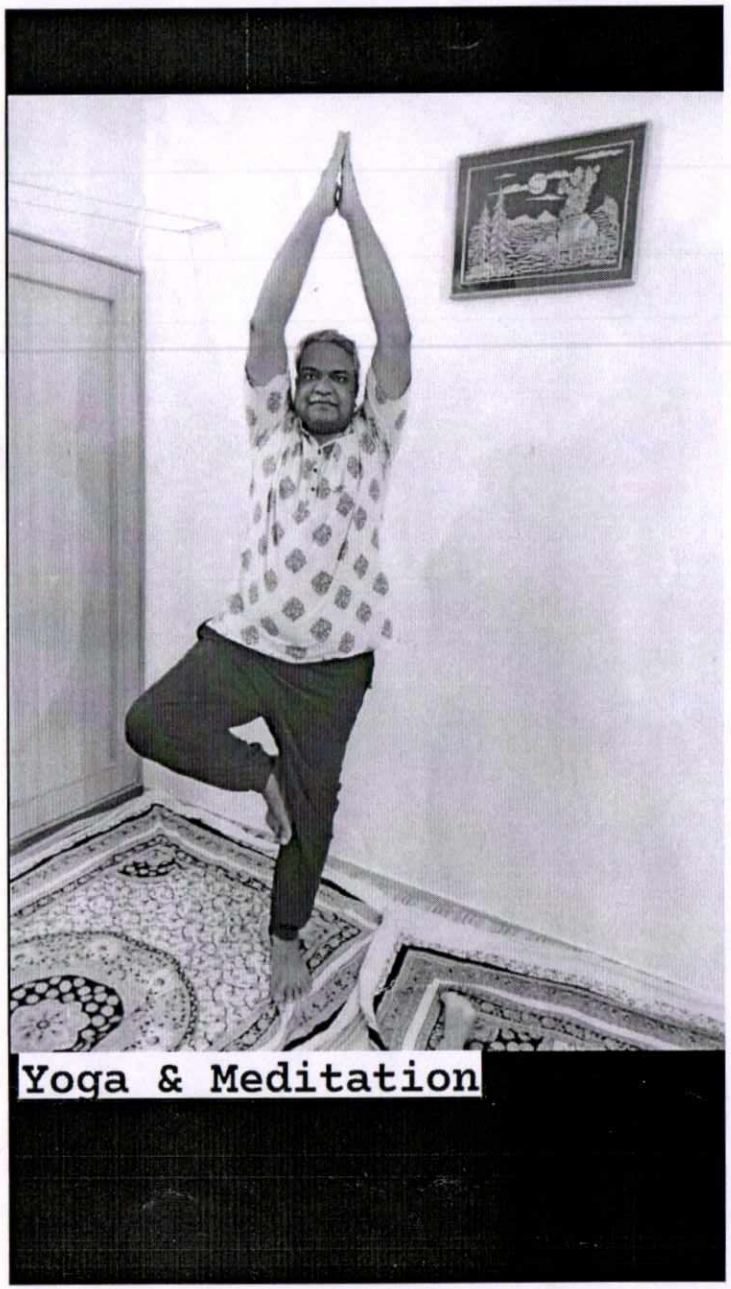
The event was not only refreshing and relaxing but also witnessed a substantial turnout. The commitment exhibited by both students and faculty underscored the positive impact of incorporating yoga into daily life, fostering a holistic approach to well-being on the campus. The instructor's focus on the spiritual dimensions of yoga and the interactive nature of the session added depth to the participants' experience. In summary, the workshop played a pivotal role in cultivating a positive and health-conscious campus culture.

Thank You.

Dr. Pradip Gulbhile,

Programme Officer,

NSS


Yoga & Meditation

P.O.

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2019-20)

Sr. No	Name	Year
1	Vipul Bhoir	BE
2	Vaibhav Rai	BE
3	Shravan Tawde	BE
4	Aryan Parab	BE
5	Sanjana Tiwari	BE
6	Aniket Jha	BE
7	Prachi Shah	BE
8	Rithesh Shotty	BE
9	Isha Kshatriya	BE
10	Sakshi Padalkar	BE
11	Shruti Pawar	BE
12	Pranay Ippakayal	BE
13	Viraj Gavali	BE
14	Rahul Shah	BE
15	Vedika Misal	BE
16	Haripriya Ramisetty	BE
17	Dhruv Purav	BE
18	Rohit Sachin Redekar	BE
19	Monalika Pingle	BE
20	Suresh Borana	BE
21	Divya Singh	TE
22	Vaishnavi Deokar	TE
23	Dhrumil Bhatt	TE
24	Durvesh Kajrekar	TE
25	Ragini Nair	TE
26	Siddhesh Thakarkar	TE
27	Vinay Patil	TE
28	Dhiraj Raut	TE
29	Pratik Jadhav	TE
30	Devbhatt singh	SE
31	Nohal Warang	TE
32	Disha Pote	TE
33	Heramb Botawadkar	TE
34	Sarvesh Shinde	TE
35	Praseeda Prabhu	TE
36	Aditi Rathod	TE
37	Rithesh Shetty	TE
38	Tejas Chonkar	TE
39	Aryan Kore	TE
40	Komal Swain	TE

41	Sanika Patil	TE
42	Yash Doke	SE
43	Bhavesh Gosavi	SE
44	Divya Singh	SE
45	Anushka Supe	SE
46	Jitesh Agnihotri	SE
47	Pawan Patil	SE
48	Sahil Jadhav	SE
49	Anagha Francis	SE
50	Akash Mourya	SE
51	Raul Arya	SE
52	Anushka Jagtap	SE
53	Aditi Shirke	SE
54	Rahul Shah	SE
55	Bhakti Raigawali	SE

P.O. NSS

18_Yoga Day _2018-19

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Near Railway Station, Vasai Road (W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2018-19
Title of the activity	YOGA DAY CELEBRATION
Date of the activity	21/06/2018
Description of the activity	ORGANISED YOGA DAY TO PROMOTE SPIRITUALITY AND FITNESS
Venue of the event	AMBIKA YOG KUTIR
Organizing Committee	NSS VCET
Number of participants	20 VOLUNTEERS + STAFF

Dr. Pradip Gulbhile
Faculty Incharge, UDAAN
VCET, Vasai

Vidyavardhini's College of Engineering and Technology, Vasai

21 June 2018

To ,

The Principal

VCET

Subject : Yoga Day Celebration 21 June 2018

Dear Sir ,

Yoga Day Celebration on 21 June 2018 is one of the major event organised by Udaan Committee of Vidhyavardhini's college of Engineering and Technology.

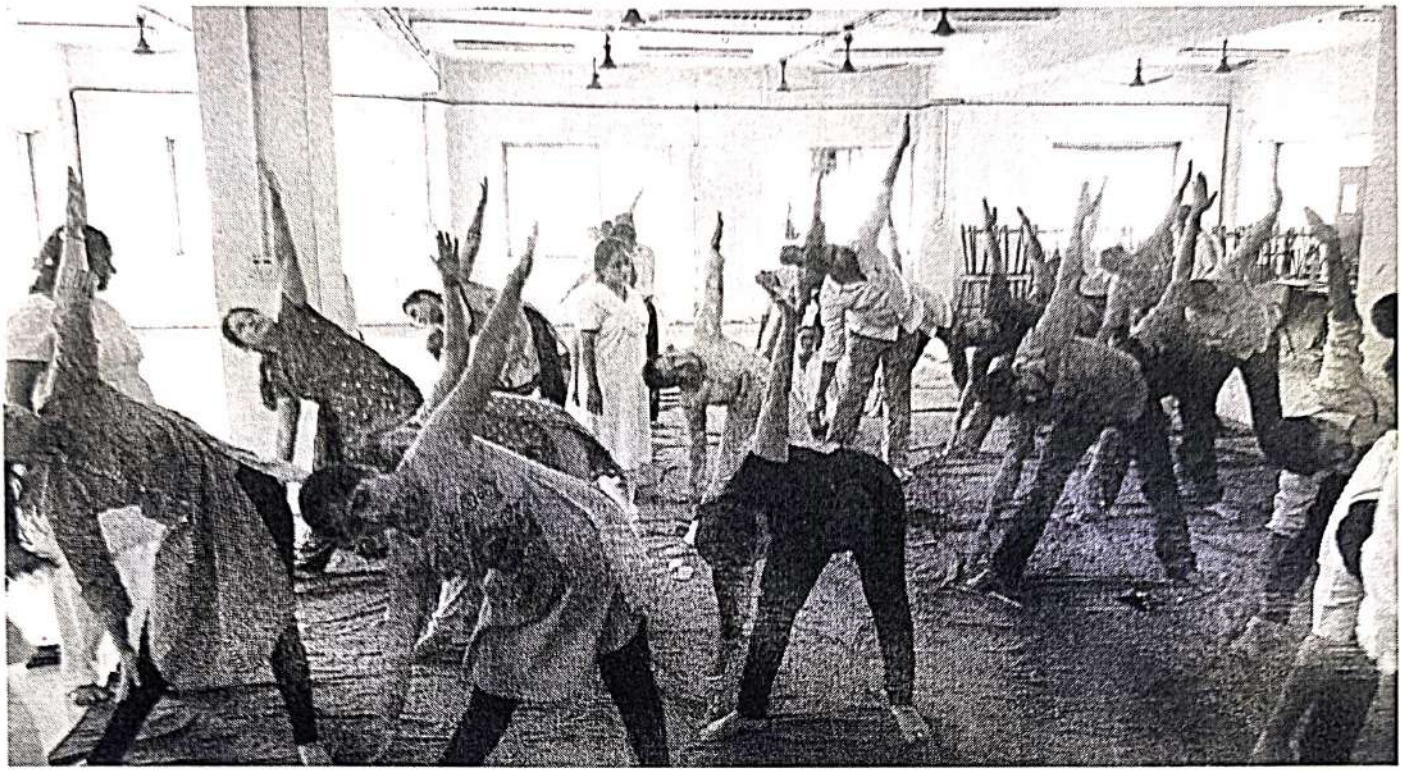
This event takes place every year in our college with great enthusiasm. Shri Ambika Yog Kutir ,Vasai Gaon Shakha , office bearers visit to college and conduct Yoga Activities. Most of the faculty members , Non teaching Staff ,Administrative office staff approximately 50, participated in the event and energise themselves. Udaan student members also took great efforts to handle the entire event and students do participate in it.

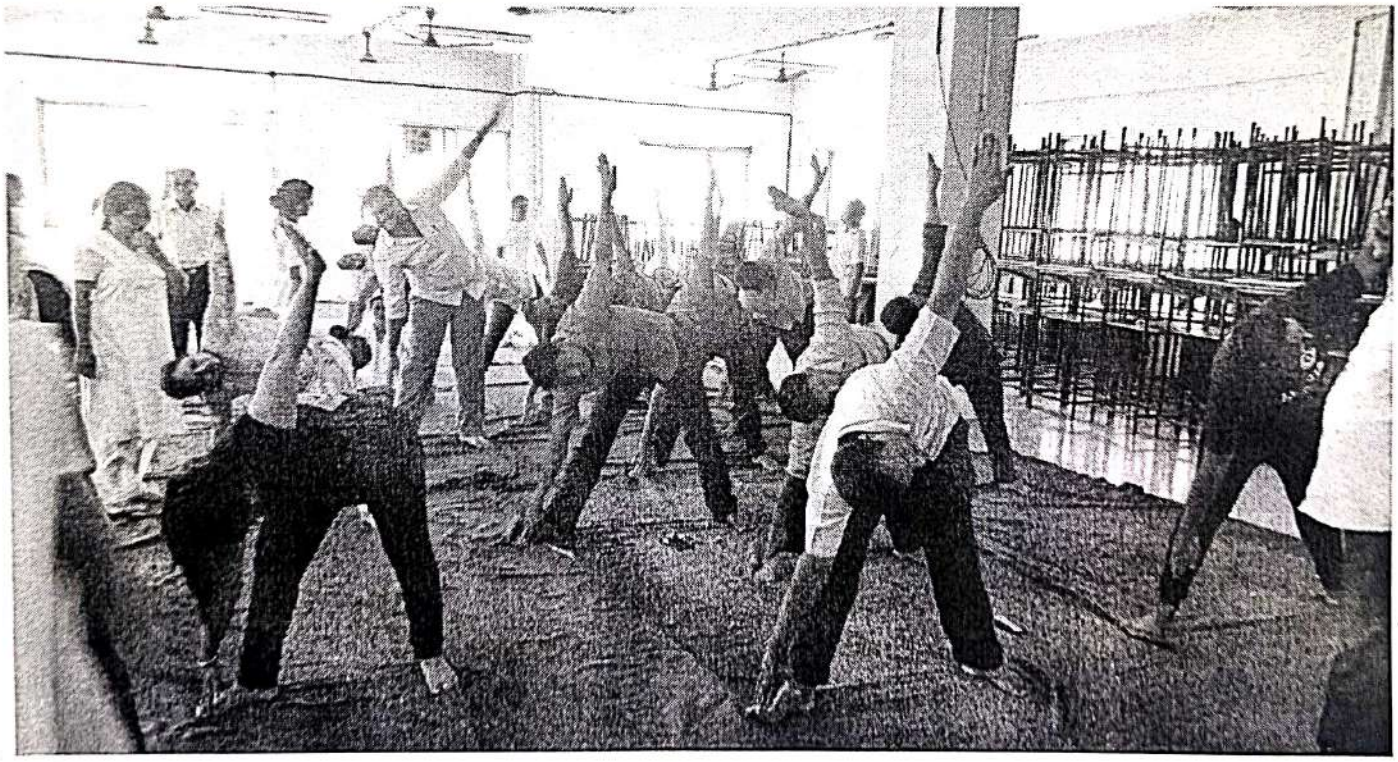
Thank You .

Dr.Pradip Gulbhile

Faculty Incharge

UDAAN






ZEAL 2018
A TRAVELOGUE

Page No.
Date / /

Attendance of volunteers

Omkar Salunkhe.	EXTC.		1
Sairaj Ghorpade.	SE EXTC.		2
Sahil Pathak.	Comps.	Pathak	3
Suraj Nalavde.	IT	Nalavde	4
Kunal Patil	Comps.	Patil	5
Vaibhav Rai	Comps.	Rai	6
Omi Suvak.	IT	Suvak	7
Vedant Chavda.	IT	Chavda	8
Kunal. Raj	Comps	Raj	9
Rashi Patil.	Comps	Patil	10
Vipul Varma.	EXTC	Varma	11
Riya Sharma.	EXTC	Riya	12
Sushant Chavda.	EXTC	Sushant	13
Pinki Verma.	EXTC.	Pinki	14
Siddhi Raut	SE EXTC	Siddhi	15
Riya Raut	TE Comps	Riya	16
Rohit Salunkhe.	Comps.	Rohit	17
Rahul. Rishi	IT	Rahul	18
Prathmesh. Raut	IT	Prathmesh	19
Manoj Chelse	EXTC	Manoj	20

Click here for summary page

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2020-21
Title of the activity	Do's and Dont's for Covid Vaccination
Date of the activity	27/04/21
Description of the activity	NSS team of Vidyavardhini's College of Engineering & Technology recorded a video regarded the Dos and Don'ts for Covid Vaccination and then circulated among various departments on social media
Venue of the event	VCET
Organizing committee	NSS VCET
Number of participants	50

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2020-21)

NSS

27th April 2021

To,

The Principal,

VCET.

Subject: Report on Do's and Don'ts for Covid Vaccination, 27th April 2021.

Dear Sir,

To Spread awareness about the SARS-COV-19 and in order to sensitize the students on the preventions and precautions of this virus, the NSS team of "Vidyavardhini's College of Engineering and Technology" conducted a social awareness video campaign on Do's and Don'ts for vaccination during the pandemic on Monday, 27th April 2021, before 3rd National drive of the vaccination.

Certain important points related towards do's and don'ts were mentioned such as:

- To register via Arogya Setu app.
- Carry required documents to the vaccination center as identity proof.
- Wash hands with soap and water frequently.
- Use an alcohol-based sanitizer.
- While sneezing, cover your mouth with a handkerchief or tissue. Dispose the used tissue in a closed bin.
- Avoid close contact with anyone with cold, cough or flu-like symptoms.
- Maintain a safe distance of at least 1 meter from others.
- Avoid touching your eyes, nose, ears, and mouth.
- Use a face mask if:

a) You are caring for a COVID-19 suspect/confirmed patient.

b) You are coordinating with a health worker.

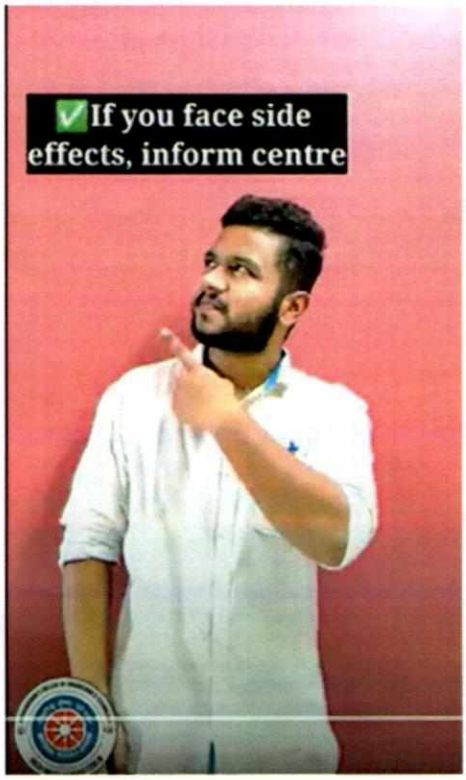
c) You have a job that entails public interaction such as cashier/helper at a grocery store, etc.

Thank you.,

Dr.Pradip Gulbhile

Program Officer

NSS



Covid Vaccination

Vidyavardhini's College of Engineering and TechnologyNSSDos and Donts For Covid Vaccination 27 April 2021		
Email	Name	Branch
deeksha.202826201@vcet.edui.in	Deeksha Divakar Shetty	Civil
Deepali Kothari	Deepali Kothari	AI
siraj6246@gmail.com	Syed Sirajuddin Mohieddin Qadri	Mechanical
soham.182154101@vcet.edu.in	Soham Madhvani	IT
naman.202847105@vcet.edu.in	Naman Annadate	Mechanical
sarang.113105148@vcet.edu.in	Sarang Waghmare	Comps
anaghaafrancis@gmail.com	Anagha Francis	Mechanical
rushank.182364101@vcet.edu.in	Rushank Ghanshyam Sheta	information technology
chaitanya.191423104@vcet.edu.in	Chaitanya Patil	Computer engineering
anjalichaurasiya90909@gmail.com	Anjali Chaurasiya	BE-IT
neel.panchal2000@gmail.com	Neel Jignesh Panchal	Comps
mayuresh.192465101@vcet.edu.in	Mayuresh Kadam	Instrumentation
apurvgurav.619@gmail.com	Apurva Gurav	EXTC
kshitij.201513101@vcet.edu.in	Kshitij Patil	Computer
soham.182154101@vcet.edu.in	Soham Madhvani	IT
ragini.n02@gmail.com	Ragini Nair	Instrumentation
sahaankur890@gmail.com	Ankur Samir Saha	Mech
Harsh.182264101@vcet.edu.in	Harsh Pandya	IT
manthan.192244101@vcet.edu.in	Manthan Sarfare	IT
prerna.201283202@vcet.edu.in	Prerna Gawali	Comps
samruddhi.24.99@gmail.com	SAMRUDDHI SANTOSH GAMARE	IT
jay.201583101@vcet.edu.in	Jay Kamlashankar Prajapati	SE comps
aayush.203228101@vcet.edu.in	Aayush Sanjay Jha	Computer Science Engineering (Data Science)
khanjan.201373101@vcet.edu.in	Khanjan Joshi	Comps
ameyalate3152000@gmail.com	Ameya Late	Computer
ameyalate3152000@gmail.com	Ameya Late	Computer
dharmeshthorgavankar@gmail.com	Dharmesh Sanjay Thorgavankar	IT
anjalichaurasiya90909@gmail.com	ANJALI AJITKUMAR CHAURASIYA	BE-IT
omkar.201964101@vcet.edu.in	Omkar Jadhav	IT
kaustubhgharat6@gmail.com	Kaustubh Vasant Gharat	Information Technology
rohit.193137101@vcet.edu.in	Rohit Adhikari	Mechanical
rprai86@gmail.com	Vaibhav Rai	Computer
kolwankarsanika@gmail.com	Siddhi Kolwankar	IT
prathameshmore721@gmail.com	Prathamesh More	Mechanical
samarth.203308112@vcet.edu.in	Samarth Mane	CSE
salunkherohit01051974@gmail.com	ROHIT CHANDRAKANT SALUNKHE	EXTC
janvi.203058203@vcet.edu.in	Janvi Chavan	Cse
sanskruti.202014207@vcet.edu.in	Sanskruti Rajkumar Kokare	Information Technology
vaishnavi.201924201@vcet.edu.in	Vaishnavi Deokar	IT
riddhi.201884201@vcet.edu.in	Riddhi Chavda	IT
priya.200501201@vcet.edu.in	Priya Kamlesh Vadera	Extc
urmitawde2001@gmail.com	Urmiksha Tawade	Instrumentation
jayesh.190311105@vcet.edu.in	Jayesh Sambhaji Nakashe	EXTC
adarshashokan99@gmail.com	Adarsh Ashokan Ottupurath	Instrumentation Engineering
sairaajgurav7473@gmail.com	Sairaaj	Extc
sairaaj.180401105@vcet.edu.in	Sairaaj sanjay gurav	Extc
hackerman6393@gmail.com	Shubhamkar Thavi	IT
neel.panchal2000@gmail.com	Neel Jignesh Panchal	Comps

shraddhapatil6718@gmail.com	Shraddha Ashok Patil	EXTC
sarang.113105148@vcet.edu.in	Sarang Waghmare	Comps
~~sarang.113105148@vcet.edu.in~~	~~Sarang Waghmare~~	~~Comps~~

50

Click here for summary page

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2022 - 23
Title of the activity	BLOOD DONATION CAMP
Date of the activity	13/10/2022
Description of the activity	NSS COMMITEE CONDUCTED BLOOD DONATION CAMP ORGANISED BY LIONS CLUB OF VASAI
Venue of the event	VCET
Organizing committee	NSS
Number of participants	152 (Donors)

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

Date - 14th October, 2022

To,
The Principal
VCET

Subject: Blood Donation Camp

The NSS committee of Vidyavardhini's College Of Engineering and Technology, Vasai conducted a Blood Donation Camp organized by the Lions Club of Vasai on Thursday, 13th October 2022. The event commenced at 9 am and was concluded by 4 pm. This event was held on the college campus itself in the college gymkhana.

Many donors including VCET's NSS Committee members and faculty of the college along with people from outside of the college enthusiastically participated in this event. The NSS Committee also arranged breakfast for the donors in the resting room before their blood donation. A team of doctors was present during the entire event to watch the whole process and during blood collection. The eligibility and checkup of the donors were done carefully by the doctors before their blood donation. We were able to collect a total of 153 Units as an achievement.

Students and other people who participated in this blood donation camp were given certificates. The event concluded successfully with a vote of thanks to all the volunteers by the NSS student leader Ragini Nair.

Thank you.

Dr Pradip J Gulbhile

Program Officer

NSS

SBTC SIR J.J.MAHANAGAR RAKTAKENDRA
MANAGED BY : STATE BLOOD TRANSFUSION COUNCIL
(Govt. of Maharashtra)

NABH
Accredited Blood Bank
Certificate No: BB-2011:0027

DATE: 11/10/2023

TO.
The Principle
Vartak Eng College
Vasai
Mumbai.

Sub: Thank You for conducting a Blood Donation Camp!

Dear Sir,

We are grateful to **Mr.Pradeep Gulbhile Sir** for conducting a Blood Donation Drive at Vartak Eng College, Vasai MUMBAI on 11th October 2022. (**152 Units**) volunteers donation blood to save precious live.

We take this opportunity to thank all the blood donors for their noble gesture.

The arrangements during the drive were excellent. & your team member received our blood bank staff very courteously. Every member of your team deserves appreciation for the sincerity and commitment towards making the Blood Donation camp successful.

We consider it a privilege to have associated with and respected you for being a true cooperate citizen. Kindly revert back for any quires or suggestions to improve the arrangements during the Blood donation drive.

Looking forward for next meeting

Thanking you,

Yours sincerely,

Dr.Hitesh Pagare
(Medical Director)
Sir J.J.Mahanagar Raktapedhi

SIR J.J. MAHANAGAR RAKTAKENDRA MUMBAI

Mr. Ajay Bhise
(Public Relation Officer)
9869403777

Dr. Hitesh Pagare
M.D. Pathology (Mumbai)
Medical Director
Sir J. J. Mahanagar Blood Centre

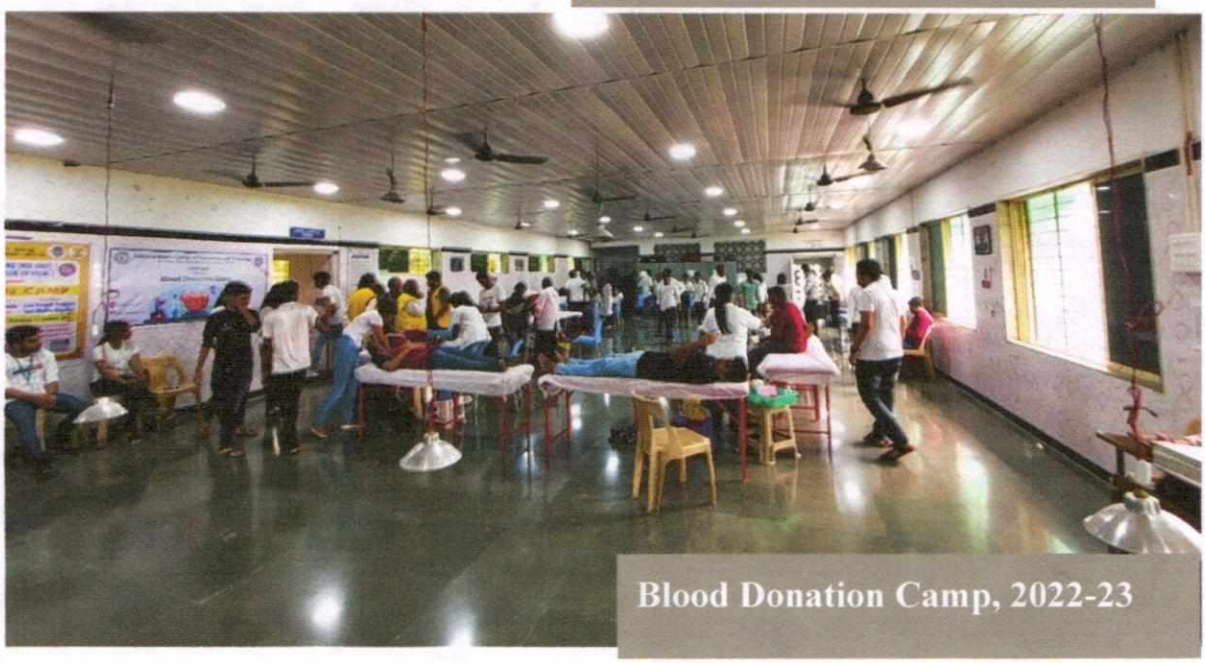
P.O. NSS.

Dr Pradip J Gulbhile

Program Officer

NSS

Blood Donation Camp, 2022-23



Blood Donation Camp, 2022-23

PO NSS

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2022-23)

BLOOD DONATION.

SR NO	NAME	YEAR
1	Riya Dutta	TE
2	Vedant Chaskar	TE
3	Prerna Gawali	TE
4	Pratham Ingawle	TE
5	Archa Jadhav	TE
6	Prerna Kanekar	TE
7	Nikita Mundaye	TE
8	Shubham Nakashe	TE
9	Kshitij Patil	TE
10	Bhupeksha Patil	TE
11	Sanika Patil	TE
12	Jay Prajapti	TE
13	Rohit Redekar	TE
14	Suyash Shelar	TE
15	Sachin Rai	TE
16	Krish Vaity	TE
17	Prajakta Borse	TE
18	Harsh Sharma	TE
19	Deekha Shetty	TE
20	Chetan Jawale	TE
21	Janvi Chavan	TE
22	Sahil Gujral	TE
23	Siddhi Jangam	TE
24	Aayush Jha	TE
25	Prinshi Jha	TE
26	Urvashi Patel	TE
27	Jidnyasa Patil	TE
28	Vrushti Sanghvi	TE
29	Mayuresh Kadam	BE
30	Ragini Nair	BE
31	Urmiksha Tawde	BE
32	Chaitanya Patil	BE
33	Sundar Chaudhary	BE
34	Prathamesh More	BE
35	Syed Qadri Sirajuddin M.	BE
36	Aditi Rathod	BE
37	Anagha Francis	BE
38	Shravan Tawde	BE
39	Durvesh Karjekar	SE
40	Vinayak Deore	SE
41	Harshal Bhamre	SE
42	Prachi Shah	SE
43	Shruti Pawar	SE
44	Gauravi Patankar	SE
45	Raghvendra Devadiga	SE
46	Soham Dahanukar	SE
47	Suryanarayan Choudhury	SE
48	jagruti Borse	SE
49	Isha Kshatriya	SE
50	Tejal Mendhe	SE
51	Prathamesh Ma	SE
52	Rutuja Mestry	SE
53	Sahil Kulabkar	SE
54	Sayali Gupta	SE
55	Vaishnavi Gaik	SE
56	Amey Chaudari	SE
57	Vipul Bhoir	SE
58	Nishant Bhandi	SE
59	Paarth Baradia	SE
60	Anushka Supe	SE
61	Aditya Bhandar	SE
62	Ujjwal Upadhay	SE

Appreciation letter need to give

102

HRUSHIKESH SHETTY
NSS LEADER

PO NSS

DEEKSHA SHETTY
UDAAN :PRESIDENT

20_Blood Donation Camp_2018-19

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Near Railway Station, Vasai Road (W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2018 – 19
Title of the activity	BLOOD DONATION CAMP
Date of the activity	02/04/2019
Description of the activity	ORGANISING TEAM ASSISTED THE DOCTOR AND DONORS WERE AWARDED BY CERTIFICATE FOR THEIR NOBLE DEED AT VCET
Venue of the event	SIR J. J. MAHANAGAR ORGANISED AT VCET
Organizing Committee	VCET NSS
Number of participants	276 (DONOR + VOLUNTEERS)

Dr. Pradip Gulbhile
Faculty Incharge, UDAAN
VCET, Vasai

SBTC SIR J.J.MAHANAGAR RAKTAPEDHI
MANAGED BY : STATE BLOOD TRANSFUSION COUNCIL
(Govt. of Maharashtra)

NABH
Accredited Blood Bank
Certificate No.- BB-2011-0027

DATE: 27/01/2020

TO,
The Principal
VERTAK ENGG COLLEGE ,
Vasai.
Mumbai .

Sub: Thank You for conducting a Blood Donation Camp!

Dear Sir,

We are grateful **to Mr.Pradip Gulbhile sir** for conducting a Blood Donation Drive at **Vartek Engg College,Vasai MUMBAI**.on 02^{sd} **APRIL.2019. (175)** volunteers donated blood to save precious lives.

We take this opportunity to thank all the blood donors for their noble gesture.

The arrangements during the drive were excellent, & your team member received our blood bank staff very courteously. Every member of your team deserves appreciation for the sincerity and commitment towards making the Blood Donation camp successful.

We consider it a privilege to have associated with You and respected you for being a true cooperate citizen. Kindly revert back for any quires or suggestions to improve the arrangements during the Blood donation drive.

Looking forward for next meeting

Thanking you,

Yours sincerely,

Dr.Hitesh Pagare
Medical Director

Ajay R.Bhise
(Public Relation Officer)
Sir J.J.Mahanagar Raktapedhi,
near Sir J.J.Marg Police station
Byculla, Mumbai 400008
MOB:-9869403777

Vidyavardhini's College of Engineering and Technology , vasai

8 th APRIL 2019

To

The Principal

Vcet

Subject : Report on Blood Donation Camp – A Contribution To Save Lives

Dear Sir ,

A Blood Donation Camp was organised by the Udaan Committee of Vidhyavardhini's College Of Engineering and Technology in association with Lions Club of Vasai Unique on 2nd April 2019in room no 501 of the college.

The camp was inaugurated by Mr.Ajay Bhise , (PRO) Sir J.J.Mhanagar Rakthpedhi, the faculty Incharge- Prof. Pradip Gulbhile and the President of Udaan – Mohammad Pirkhan along with the esteemed personalities of the Lions Club. The camp was started by 10:00 am. The joy and the will, to donate blood magnetically attracted tremendous students as well as the faculty members to give their contribution in expanding the horizons of helping the needy. The list of donors soon crossed the count of 100. The zeal and endeavours of all the volunteers was worth observing and acknowledging. The registration desk helped the donors to take their first step by helping them with the forms and precautions.

The organising team took similar great efforts to handle and assist the team of Doctors. The refreshment team took utmost care of providing the donors with healthy snacks and juices. The donors were awarded by certificate for their noble deed. All the volunteers and donors along with the members of UDAAN and LIONS CLUB transformed the camp into a successful, grand and memorable event.

The camp ended successfully with total **175** bottles of blood donated .The Blood bank Sir J.JMahanagar Rakthpedhi , government of Maharashtra , collected the blood units The camp clearly flourished the idea of humanity and spreading happiness. The moments were captured as memories to be remembered and cherished forever.

Thank you

DR.Pradip Gulbhile

Staff Incharge

UDAAN

UDAAN

A flight towards change...

V.C.E.T.

K.T. Marg, Vasai Road (W), Palghar – 401202

Date- 19/03/2019

Annual Donation Camp – A Chance To Illuminate Others Life With Happiness

To,

The Principal,

VCET.

Subject: Permission to conduct Blood Donation Camp.

Respected sir,

Moving forward with its noble cause of helping the needy, Udaan committee is willing to conduct Blood Donation Camp in our college on 2nd April, 2019. We will also be requiring a hall to conduct the following event.

Please do grant us the permission at the earliest.

Thanking you.

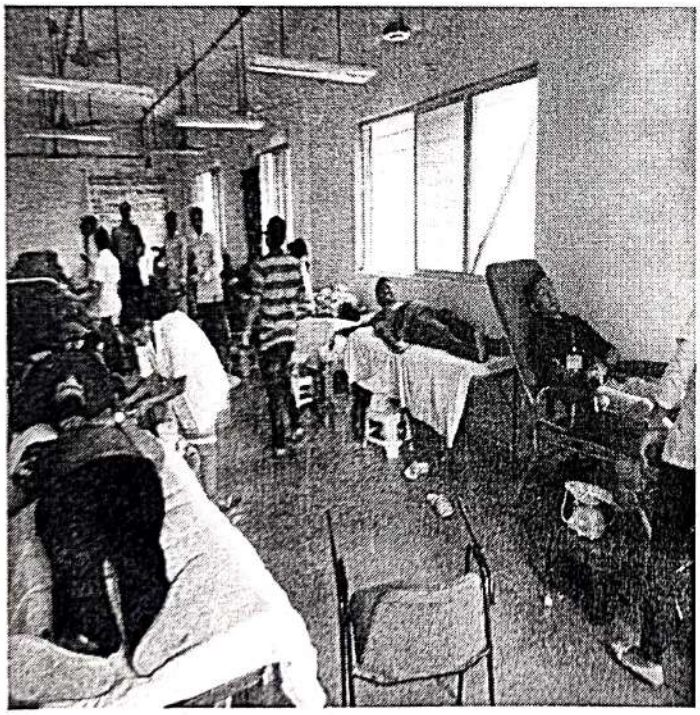
Yours sincerely,

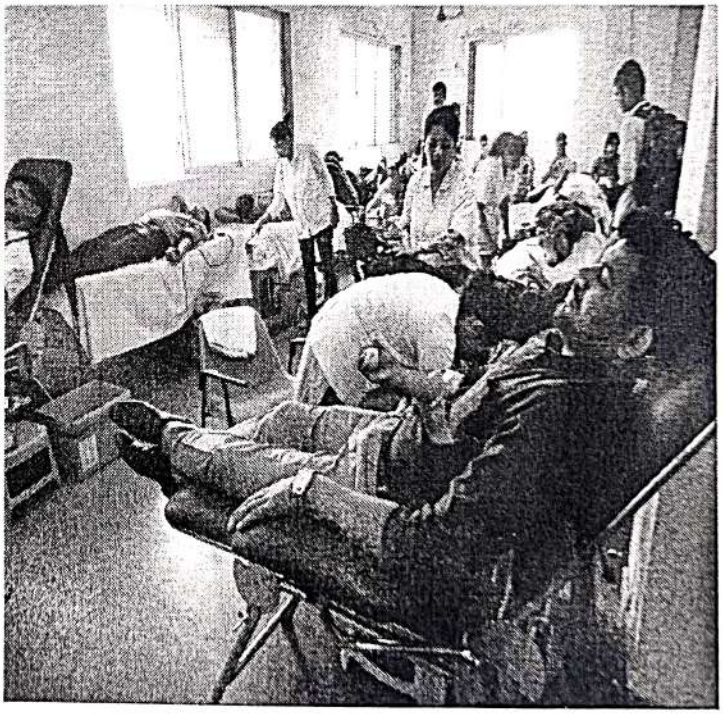
Dr. H.V. Vankudre
(Principal)

Prof.Pradip Gulbhile
(Faculty Incharge)

Anagha Pasalkar
(President)


BLOOD DONATION CAMP 2019





BLOOD DONATION ATTENDANCE

	NAME	Phone1.no	Branch	Sign	Certificate
1	Sarvarya Yash Jeisukh	7045365243	Mech		6458
2	Pankaj Prakash Gidwani	9073687550	EXTC		6455
3	Jangli kumar Chandrakant	8411869605	Mech		6457
4 5	Rathod Parth Ishubhai	9004491030	MECH		6454
6	Vasava Vishi Dipesh	8805062103	EXTC		6459
7	Chhawane Pratik Suvesh	8007985130	EXTC		6460
8	Iyer Shaunk Venkatramani	9274600452	EXTC		6461
9	Valaki Akshay	7030238697	comps.		6463
10	Sharma Dinesh Suresh	8108606801	comps.		6466
11	Rohit Shamrao Hulnwar.	9702435089	Mech.		6465
12	Jobalia Yash hitesh.	9769864884	I.T		6469
13	Akshay Deopurkar.	7276475430	Mech		6467
14	Vedant Devendra Patil.	7887509757	Comp.		6470
15	Dhaval Tejas Gaupat	7738205287	Mech		
16	Tejas Prasanth.	8554845286	INST		6464
17	Parekh Dhruv Shashikant	8446836232	IT		6479.
18	Jadhav Khushal madhav	8652587618	EXTC		6475
19	Megha V Trivedi	9764197184	INSTRU		6478
20	Rathani Dharmesh R -	9833847760	Civil		6476.
21	Bhalala Himanshu	9326367454	INFT		6483
22	Deorukhkar Jayesh Milind	9503088957	INFT		6480
ext. 23	Pansuriya Bhavik Mahesh	7715085218			6481.
24	Mayur Mahendra Pandhari	8879888641			6474.
25	Patel Pranav Ashok	7218999389	Mech		6473
26	Vaghani Ram Bhikalal	8080699912	INI		6477
27	Jadhav Akash Bhutesing	7507819545	IT		6580.
28	Vedpathak Rithwik Sanjiv	8983302961	COMP		6582
29	Thakur Sumit Nagin	9637861482	INSTRU		6583
30	Vasaikar Siddhant sunil	7045515158	COMP		6585
31	Patankar Parag Chandrakant	7758075860	IT		6584
32	Patel Takshil Hareshi	8655153556	Instru		6587
33	Geedh Pruthvi Omkar	9096251185	MECH		6589
34	Rathod Jay Dilip	7715960128	Instru		6586
35	Aniket Vijay Ganvir	9975433460	COMPS		6591
36	Rane Sarvesh Dayan	7152153024	INSTRU		6590
37	Vaidya Shivdas Bam	8614042	INSTRU		6588
38	Waghela Pratik	7977933817	EXTC		6593
39	Bhavik Mistry.	9833848 93	INSTRU		6595
40	Ratik Harish Prajapati	7029343317	Extc		6592
41	Prakash. H. Panda	7021276785	Civil		6594
42	Managaonkar Siddhesh.	9869078228	INST		6596
43	Dipak J. Chaudhari	9960453845			6598
44	Jitesh Agnihotri	9757233112	INST		6597
45	Jangam Abhishek Sadashiv	9765424193	INST		6601
46	Khour Chitresh Sanjay	9702122541	Mech		6599
47	Shaikh Mohd Mustafa Ali	8898835153	Mech		6603
48	Jadhav Sahil Ganpat	8108301909	Inst		6600
49	Sankhe Nitin Manoj	9869249312	COMP		6602
50	Raj Dighe	9137296036	MECH		6605
51	Shirsao Preetam Raju	7769067703	IT		6606
52	Yash Uday Pisat	8419545555	INST		6604
53	Rushikesh Deshmukh	9167878814	IT		6608
54	Aditya Vilas Dingre	9820045472			6609
	Isfahan Abdulhameed Mogral	9766218890	INST		6607

Certificates.

UDAAN COMMITTE

Sr. No.	Name	Mobile No.	Branch	Sign	
151	Dongre Laukik Hemant	+3037774682	Civil	Laukik	6172
152	Siddharth Suchak	9867316883	[illegible]	[illegible]	6170
153	Verma Anang Umesh		COMPS	Verma	6171
154	Trivedi Divang Amit	9028224555	INST	[illegible]	6174
155	Gaikwad Ganesh Manik	+02864338 9	EXTC	Ganesh	6173
156	Prabhu Manoj Narasimha	9156463867	INST	Prabhu	6175
157	Sambare Hash Rajendra	7875249937	Mech	[illegible]	6176
158	Gaikar Pratik Pralin	8097576476	INST	[illegible]	6177
159	Kamble Shashank Sanjay	9225133231	IT	[illegible]	6178
160.	Anik Abhishek Damodar	8652435091	INST	[illegible]	6179
161	Ghasal Sumit Sandip	8419957250	Civil	[illegible]	6180
162	Karale Prathamesh D.	8149230474	Civil	[illegible]	6181
163	Babar Shivaji Laxman	8898060716	INST	[illegible]	6182
164	Gadekar Tejas Rajendra	9766236068	Civil	[illegible]	6183
165	Patil Ashirwad Devendra	+02815202 1	Mech	[illegible]	6186
166	Ardalkar Omkar Subash	9594084090	INST	[illegible]	6185
167	Jannauj Vivek Patil	9096877095			6184
168	Chauhan Pritesh S	+7680853 57	Mech	[illegible]	6188
169	More Pramod Suresh	9028597 850	Mech	[illegible]	6187
170	Akshay Rathod	7507803731	Mech	[illegible]	6189
171	Gupta Nikhil Manojkumar	9920292874	Mech	[illegible]	6190
172	Ghone Ojas Vday	9757483340	INST	[illegible]	6192
173	Kudtarkar Kaustubh J	9619028661	INST	[illegible]	6191
174	Deshpande Atharva A	9757340526	COMP	[illegible]	6193
175	Anagha J. Patil	9004078402	IT	[illegible]	6196
176	Kundar Sachin Raghu	8454813187	IT	[illegible]	6194
177	Kharat Deepak Dilip	8097238181	IT	[illegible]	6195
178	Vishal Vilas Naik	+2088 13848	Comp	[illegible]	6197
179	Parth Bhalodia	9322040755		[illegible]	6198
180.	Patil Mayur Naresh	8983189303	INST	[illegible]	6199
181	Mauze Aditya Anant	8149639748	IT	[illegible]	6200
182	Naik Archit Mohan	+745 0299 77	COMPS	[illegible]	6272
183	Abhishek Pathe Bejlang	9869178386	CIVIL	[illegible]	6275
184	Umri Saleel Jayant	9969684556	Mech	[illegible]	6274
185	Pratyush Shetty	705738881 9	INST	[illegible]	6273
186	Solanki Ankit Govind	9870159123	INST	[illegible]	6276
187	Sachin Desai Shri Dinesh	9967129468	INST	[illegible]	6279
188	Baperkar Shreepad Bhau	+79847 9867	INST	[illegible]	6280
189	Aman Vasantrao Dabli	8 055240197	CIVIL	[illegible]	6281
190	Pravin Ramesh Jadhav	9420437410	CIVIL	Jadhav	6282
191	Niwant Salunke Sharad	8169601140	COMPS	[illegible]	6277
192	Chavan Karan Jaysing	+3784111456	MECH	[illegible]	6278
193	Wankhede Mayuresh	9967173653	Mech	[illegible]	6287
194	Bade Swapnil Ranjit	9552152633	Mech	[illegible]	6283
195	Salunke Omkar Sukas	1082 04 5710	E-X-T-C	[illegible]	6285
196	Shingade Ajay Babu	+4105054 08		[illegible]	6284
197	Kapse Saurabh Raman	8433936947	MECH	[illegible]	6286
198	Anuj Singh	9922700098	MECH	[illegible]	6288
199	Jansan Sudesh Rajendra	8828090972	INST	[illegible]	6289
200	Hitesh Chaudhary	+7679514 89	Civil	[illegible]	6295

Anagha P. (President)

Rasalkar

Certificates.

UDAAN COMMITTE

Sr. No.	Name	Mobile No.	Branch	Sign	
201	Wadkul Parth Sharish	9420271750	EXTC		6292
202	Yadav Dhiraj Sureshchan	9156508359	Mech		6294
203	Sheth Dharmik Mitesh	9665769126	EXTC		6293
204	Cerejo Astel Ashley	7028257363	MECH		6291
205	Gondal Siddesh Rathish	9970565066	INST		6290
206	Sunil Digambar Japtap	7039953495			6298
207	Ashutosh Yadav	9820612528	CIVIL		6301
208	Deomukhkar Nikul Nitin	9029458966	INST		6299
209	Sudin Nair	7498138396	External		6302
210	Asukar Siddhant Dilip	8908794638	INST		6306
211	Dhanesh Anil Chavan	8097943415	CIVIL		6297
212	Manohar Dilip Mistry	8369153870	Mech		6304
213	Chadhaik Omkar Sandip	9619248916	Mech		6305
214	Khatdeo Shubham Sanjay	7738728283	Civil		6300
215	Bhosale Karan Muldhar	9757039561	Mech		6310
216	Akash Chandrakant Bhoir	9892645823	CIVIL		6296
217	Ashish V. Vannalf	9990120301	IT		6313
218	Saurabh Suriyang Rajkar	9757200044	CIVIL		6308
219	Kodial Anirudh Pranav	7744911424	Comps		6303
220	Kunjithesh Ramesh Kuttattu	7578630040	Civil		6311
221	Saurabh Ramprakash Yadav	7757921706	Civil		6309
222	Chougule Sahil Jagannath	9172982618	INST		6307
223	Ghalabi Jash Mayur	9820403998	Comps		6312
224	Swapnil Sampat Ratnate	9869648893	Civil	S.S. Ratnate	6314
225	Labh Sunny Nemidas	9970168661	INST		6316
226	Yadav Rohit Ramprasad	9870321701	Civil		6315
227	Singh Swaraj Ramprajas	7021735940	IT		6317
228	Hatwari Shabbir	8291430896	INST		6319
229	Lilan Ghanshyam Nagariya	9619388996	Comps		6318
230	Palve Vishwas	9870300102	Mech		6324
231	Anmol Chaudhari	7798493490	Mech		6322
232	Shah Rutvik Manoj	9137364952	EXTC		6320
233	Siddesh Nandkumar Salvi	8108443371	Comps		6323
234	Jenik Abhay Naresh	8697092575	IT		6329
235	Kunal. Chavan	9325690481	MECH		6331
236	Dangiya Hardik Govind	9137631744	IT		6321
237	Sodha Rajdeep Bharat	7208213422	IT		6330
238	Mokal Swapnil Shankar	7208624226	MECH		6327
239	Gurav Sairaj Sanjay	7506519905	EXTC		6328
240	Prabhu Shreya Devidasraya	9923052911	INST		6332
241	Satish Mane	8484057861	Mech		6325
242	Kunkesh Patel	9987110328	INST		6326
243	Prathamesh Karambe Anil	9860589750	IT		6333
244	Omkar Tejas Deepak	8459690742	INST		6335
245	Pol Samir Sabir	9720738904	IT		6337
246	Mistry Jushal Girish	7875973503	IT		6334
247	Agholi Rajesh Patel	9867375781	IT		6336
248	Singhvi Rishi Anurag	9649158208	Mech		6328
249	Wadwalkar Prathamesh [illegible]	[illegible]50362[illegible]	Mech		6339
250	Nimad Rajesh Kumar	[illegible]69965	INST		6456

SR.NO.	NAME	Mobile NO.	Branch	Sign	
251	Prajapati Dhru Narendra	9326225011	I.T	Dhruv	6468
252	Luharpanchal Karan Jitendra	8879580946	Mech	Amab	6472
253	Late Ameya Mangesh	9764350984	Comps		6471
254	Mistry Kautarth Ramesh	9619684011	CIVIL		6482
255	Upadhyay Atulkumar D	9867505780	IT		6581
256	Jain Sanit Rajeev	9987366709	ENST		6610
257	Yadav Akash Arjun	8355825004			6613
258	Vishal .V. Pande	9423786802	INST	V. Pande	6611
259	Abhishek Holani	8879567978	COMP	Abhishek	6612
260	Poojari Rahul Karunakar	9769646283	COMP		6614
261	Gavali Viraj Vijaykumar	7414901414	Civil		6615
262	Sanghvaijka Chintan Ketan	9167047214	EXTC	Chand	6620
263	Bhosale Neehal Deepak	7506560012	EXTC	NBhosale	6618
264	Chaubey Hemant Omprakash	9820341831	EXTC	Hemant	6619
265	Kumar Nihal Sunil	8451976248	EXTC	Nihal	6617
266	Sunil Patra	9860449360			6616
267	Viraj Ravindra ~~Jadhav~~ Jadhav	9004526020	EXTC		6621
268	Shirsat Buddhghosh R	9322440522	INFT		6622
269	Patil Yadnit Mohan	9561802276	COMPS		6623
270	Nadar Mukesh Selvan	7678083856	EXTC		6624
271	Walavalkar Vedant Sanjeev	9146590601	COMPS		6625
272	Manoj Kumar Pandey	9246590601	COMPS		6626
273	Mendul Kumar	9246842184	COMPS		6627
274	Komal Chavhala	2948894220	IT		6628
275	Pradip Gavade	9654289432	COMPS		6629
276	Ram Sinha	8865429346	IT		6630

Anagha P. (President)

Basalkar

21_Webinar on Organ Donation

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2020-21
Title of the activity	Webinar on Organ Donation
Date of the activity	27/11/20
Description of the activity	A Webinar was conducted about 'Organ Donation' organised by VCET-NSS and Ms. Ruchita Parab was the guest speaker invited.
Venue of the event	VCET
Organizing committee	NSS VCET
Number of participants	43

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202
N.S.S. Committee (2020-21)

27th November 2020

To,
The Principal,
VCET

Subject: Report of Webinar on Organ donation

Dear Sir,

The "organ donation" webinar was conducted on a virtual platform to spread awareness as well as importance which was held on 27th November 2020, 4 pm onwards. The session started with felicitating our chief guest Ms. **Ruchita parab, 3rd year BPth from DVV PF'S college of physiotherapy Ahmednagar** by our Nss volunteer.

Thereafter the session started with the concept of organ donation and tissue donation. The important point was that India has a low organ donation rate in the world, primarily due to lack of knowledge and awareness among the people. Also various myths and barriers were discussed which can only be eliminated through educating people. Lastly, the helpline number 18001037100 was shared for more information and help. Around 43 participants attended this session and the session ended with a vote of thanks to the chief guest.

Thank you.

Dr Pradip Gulbhile
Program Officer
NSS

Vidyavardhini College of Engineering and Technology's

NSS COMMITTEE

presents

Organ Donation

(27 November 2020)

Organ Donation

Organ donation is the process when a person allows an organ of their own to be removed and transplanted to another person, legally, either by consent while the donor is alive or dead with the assent of the next of kin.

Donation may be for research or, more commonly, healthy transplantable organs and tissues may be donated to be transplanted into another person.

Common transplantations
include kidneys, heart, liver, pancreas, intestines, lungs, bones, bone marrow, skin, and corneas. Some organs and tissues can be donated by living donors, such as a kidney or part of the liver, part of the pancreas, part of the lungs or part of the intestines, but most donations occur after the donor has died.

Consent Process

:rm **consent** is typically defined as a subject adhering to an agreement
ıciples and regulations; however, the definition becomes difficult to
te concerning the topic of organ donation, mainly because the subject is
ıble of consent due to death or mental impairment. There are two types
ısent being reviewed; explicit consent and presumed consent. Explicit
nt consists of the donor giving direct consent through proper
ration depending on the country. The second consent process is
med consent, which does not need direct consent from the donor or
ext of kin . Presumed consent assumes that donation would have been
tted by the potential donor if permission was pursued. Of possible
s an estimated twenty-five percent of families refuse to donate a loved
organs.

on Organ Donation

Vidyavardhini's College of Engineering and TechnologyNSSOrgan Donation 27 Nov 2020		
Email Address	Name	Branch
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22_Project on hands Free Sanitizer developed by Mr.Sikandar Kanoujia

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सॅनिटायझर वापरा 'टचलेस'

विद्यावर्धिनीजच्या विद्यार्थ्यानं तयार केला डिस्पेन्सर

सॅनिटायझरच्या बाटलीला स्पर्शही न करता सर्वांना तो वापरता आला तर? हाच विचार करून विद्यावर्धिनीज कॉलेजच्या सिकंदर कनौजिया या विद्यार्थ्यानं 'टचलेस सॅनिटायझर डिस्पेन्सर'ची निर्मिती केली.

करोनाच्या प्रादुर्भावापासून वाचण्यासाठी सॅनिटायझरचा वापर करणं किती आवश्यक आहे हे नव्यानं सांगायला नको. घरात, घराबाहेर, कार्यालयांमध्ये, बाहेर कुठेही सॅनिटायझर्स वापरणं अत्यावश्यक झालंय. सॅनिटायझरच्या सहाय्यानं हात किंवा एखादी वस्तू स्वच्छ करताना सॅनिटायझरच्या बाटलीला आपला स्पर्श होतो. अनेकांना ते नकोसं वाटतं. अशा वेळी त्या बाटलीला स्पर्शही न करता, आतला सॅनिटायझर आपल्याला वापरता आला तर? अशाच 'टचलेस सॅनिटायझर डिस्पेन्सर'ची निर्मिती केली आहे 'विद्यावर्धिनीज कॉलेज ऑफ इंजिनीअरिंग अँन्ड टेक्नॉलॉजी'च्या 'इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन' या शाखेत शिकणाऱ्या सिकंदर कनौजिया या विद्यार्थ्यानं.

लॉकडाउनचे नियम हळूहळू शिथिल करण्यात आले आहेत आणि आपण अनलॉककडे वाटचाल करत आहोत. अनलॉकची प्रक्रिया सुरू झाली असली, तरी करोना रुग्णांची संख्या वाढत असल्यानं खबरदारी घेणं आवश्यक आहेच. म्हणूनच सॅनिटायझरचा सुरक्षित वापर आवश्यक बनला आहे.

किंमतही कमी

'टचलेस सॅनिटायझर डिस्पेन्सर'च्या सहाय्यानं एका ठराविक अंतरावर तुमचा हात आणल्यावर सॅनिटायझर डिस्पेन्सरमधील सॅनिटायझर तुमच्या हातावर उडवला जाईल. सॅनिटायझरच्या बाटलीला कोणत्याही प्रकारे स्पर्श न करता सॅनिटायझर वापरता येत असल्यानं सर्वच, विशेषतः सार्वजनिक ठिकाणी अशा प्रकारे वापर करणं उपयुक्त ठरणार आहे. 'लॉकडाउनच्या सुरुवातीला मी आणि माझा एक मित्र सहज चर्चा करत होतो. चर्चा करताना कोव्हीडच्या परिस्थितीमध्ये आपणही समाजाला उपयोगी पडेल आणि कमी किंमतीत तयार होईल असं उपकरण तयार करावं असं आम्हाला वाटलं. त्यातून मला 'टचलेस सॅनिटायझर डिस्पेन्सर' तयार करण्याची कल्पना सुचली. बाजारात उपलब्ध असणाऱ्या टचलेस सॅनिटायझर डिस्पेन्सर्सची किंमत जास्त आहे. पण, मला हा सॅनिटायझर डिस्पेन्सर तयार करायला केवळ ४०० रुपये खर्च आला. हा सॅनिटायझर डिस्पेन्सर तयार करण्यासाठी लागणारं साहित्य घरीच उपलब्ध होतं. कमी किंमतीत तयार होत असल्यामुळे हा सॅनिटायझर डिस्पेन्सर कुठेही वापरण्यासाठी खूप उपयुक्त आहे', असं सिकंदर सांगतो.

हा सॅनिटायझर डिस्पेन्सर विद्युत प्रवाहाला जोडला की लगेचच त्याचा वापर करता येऊ शकतो. त्यामुळे याचं इन्स्टॉलेशनसुद्धा अतिशय सोपं आहे. हा टचलेस सॅनिटायझर डिस्पेन्सर बाजारात (मार्केटमध्ये) आणण्याचीही सिकंदरला खूप इच्छा आहे. सध्या या उपकरणाचं बाहेरचं आवरण कार्डबोडचं असून मार्केटमध्ये उपलब्ध करतेवेळी कार्डबोडचं आवरण न ठेवता, मी ते आवरण बदलणार आहे, असं सिकंदरनं सांगितलं.

> तृतीय वर्षात शिकत असल्यामुळे सर्किट्स, मोटर्स, ट्रान्झिस्टर्स यांसारख्या गोष्टींविषयी मला बऱ्यापैकी माहिती होतीच. त्यामुळे असा सॅनिटायझर तयार करण्यासाठी सर्किटची रचना कशा प्रकारे करावी लागेल याचा विचार मी केला आणि या सॅनिटायझर डिस्पेन्सरची निर्मिती केली. कॉलेजचे प्राचार्य डॉ. हरीश वानकुद्रे, डीन आणि विभागप्रमुख डॉ. विकास गुप्ता आणि सर्व प्राध्यापक आम्हाला नेहमीच मार्गदर्शन करीत असतात.
>
> –सिकंदर कनौजिया

कळवा...

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तरुण भारत

23_Project on hands Free and foot operated Sanitizer Despenser Machine developed by Ms.Riya Gavankar

इंजिनिअरिंगची विद्यार्थिनी असलेल्या रिया गव्हाणकरची अनोखी कामगिरी : मशीनला मोठ्या प्रमाणात मागणी : ५०० मशीनची आत्तापर्यंत विक्री

सिंधुदुर्गच्या सुकन्येने बनविले अनोखे

सॅनिटायझर मशीन

लॉकडाऊन काळात केवळ मोबाईलवर टाईमपास करण्याऐवजी ओढावलेल्या कोरोनाच्या संकटात संधी शोधत सिंधुदुर्गची सुकन्या रिया गव्हाणकर या मुंबईतील इंजिनिअरिंग महाविद्यालयात शिक्षण घेणाऱ्या विद्यार्थिनीने 'पायाने चालविल्या जाणाऱ्या हॅण्डवॉश सॅनिटायझर मशीन'ची निर्मिती करून ती मार्केटमध्येदेखील आणली. मुंबईतील नगर पालिका, तहसील कार्यालये, हॉस्पिटल्स, बँका, कॉर्पोरेट कंपन्या इत्यादींनी या मशीनला पसंती देत त्यासाठी मोठ्या प्रमाणावर मागणीही नोंदवली आहे. 'फेसबूक' व 'वॉटस्ॲप'चा वापर करीत तिने या निर्मितीला मार्केटही मिळवलं.

शेखर सामंत
सिंधुदुर्ग

लॉकडाऊन काळात युवावर्ग घरात बसून टाईमपास करीत होता. अशा काळात रिया शासनाच्या परवानगीने आपल्या वर्कशॉपमध्ये १४-१४ तास काम करीत होती. तिने यात यश प्राप्त करीत युवा वर्गासमोर नवा आदर्श घालून दिला.

मॅकेनिकल इंजिनियरिंगची विद्यार्थिनी

रिया ही वेंगुर्ल्याच्या रहिवासी रेश्मा खानोलकर व परुळे-गवाणीचे सुपुत्र राहून गवाणकर यांची सुकन्या. माजी आमदार कै. सी आर खानोलकर आणि प्रा. कै. एस. आर. खानोलकर यांची नात. रियाचे कुटुंबीय उद्योग व्यवसायानिमित्त वसई येथे स्थाईक आहेत. तर रिया वसईतील वर्तक इंजिनिअरिंग कॉलेजमध्ये मॅकेनिकल इंजिनिअरींगचे धडे घेत आहे.

रिया गव्हाणकर

हॅण्ड सॅनिटायझर मशीन

रियाचे वडीलही इंजिनियर आहेत. तिने घरातील अडगळीतील साहित्य, वर्कशॉपमधील भंगारातील साहित्य गोळा करायला सुरुवात केली. जुन्या सायकलच्या स्प्रिंगा, लोखंडी पाईपचे तुकडे व इतर साहित्य गोळा करून तिने प्रत्यक्ष निर्मितीस सुरुवात केली. या कामी तिने आई-बाबांचे मार्गदर्शनही घेतले. दिवस-रात्र प्रयत्न करीत तिने पायाने वापरायच्या हॅण्ड सॅनिटायझर मशीनची निर्मिती केली. बनवलेल्या या नव्या मशीनची छायाचित्रे व व्हीडिओ तिने फेसबूक, व्हॉटस्ॲप व सोशल मिडियावर टाकले. हे व्हीडिओ व फोटो पाहून महानगरपालिका, हॉस्पिलट प्रशासन व तहसील कार्यालयातून रियाला थेट बोलावणे आले. कारण तिने बनविलेल्या मशीनसारखे मशीन अन्यत्र नव्हतेच. तसेच तिने विविध प्रकारामध्ये सुमारे दोन हजार रुपयापेक्षाही कमी खर्चात ही यंत्रे तिने बनविली. रियाची ही निर्मिती पाहून स्थानिक प्रशासनाने तिला अत्यावश्यक सेवेच्याखाली या मशीनच्या निर्मितीसाठी खास सवलती व परवानग्या दिल्या. तसेच विविध शासकीय कार्यालये, बँका, इस्पितळे, कॉर्पोरेट कार्यालये, हाऊसिंग सोसायट्या यासाठी रियाकडे या मशीनकरीता मागणी येऊ लागली.

रियाने हे चॅलेंज स्वीकारलं. काही कामगारांना हाताशी धरलं. आई-बाबांची मदत घेतली आणि एक मोठे वर्कशॉप भाड्याने घेत काम सुरु केलं. दिवसाकाठी सत्तर ते ऐंशी मशीनची निर्मिती तिने सुरु केली. आतापर्यंत जवळपास ५०० मशीन्स तिने विकल्या.

कामगार आणि रॉ मटेरिअलचा तुटवडा जाणवत असल्याने ग्राहकांच्या ऑर्डर्स पूर्ण करणे हे तिच्यासाठी चॅलेंज असणार आहे. मात्र ती हिंमत हारलेली नाही.

रियाने बनविलेल्या मशीनची पाहणी करताना एफ. डी. ए. चे आयुक्त व अन्य अधिकारी.

रिया हिने बनविलेल्या मशीनसोबत रियाचे आई-वडील व अन्य.

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- **TITLE: - SMART COVID FACE SHEILD AND MASK**
- **Abstract**

1. Objectives

a) To maintain the safe social distancing amongst people around us and

b) To maintain the precautions for self from spread of COVID

2. Beneficiaries (For whom)

The product can be used by anyone for their safety purpose in covid pandemic to avoid contact with the person suffering from covid. This can also be use in public gathering where so many peoples are present to avoid spreading of corona virus or COVID.

3. Value of results:

In the present scenario of covid pandemic wearing a face mask and keeping social distancing is compulsion. So why not to wear a smart face shield and a mask which itself gives a signal to keep a safer distance and give the warning when you are not wearing face mask? Here, the device made works in the same manner. The working of the device is divided into three parts first is wearing a mask is a rule, second is temperature sensing, and third is social distancing.

Part 1: Now a days, to avoid getting infected with the corona virus wearing a mask is must. But sometimes people forget to wear it properly, the smart face shield is made by using hall effect phenomenon where a sensor detects the proper position of a mask having a small magnet on it and detects the accurate position of a mask on nose which beeps if a person brings down a mask to the chin.

Part 2: The next part in a smart face shield mask is temperature sensing, if a healthy individual wearing smart mask comes closer with the person having higher temperature (i.e., more than 100° F or 38°C) or suffering from covid. The sensor will detect the temperature of the person by IR contactless temperature sensor which is connected via Bluetooth through microcontroller and shows the temperature of a person on an individual's mobile screen on an app which will notify as voice signal beeping 'Temperature High', so that the individual gets alert to keep a safer distance with the suffered or infected person.

Part 3: The last part of the smart mask deals with the social distancing, in this mainly two sensors are used that are an ultrasonic sensor and a mini PIR sensor for distance measurement and movement detection respectively. The working of this is explained further, If the distance between the person wearing a smart face shield and other person is less than 3 feet and movement is detected by mini PIR sensor then the buzzer will continuously beep hence the person has to [redacted] distancing with

Performance estimate of the solution:

The device is been used on group of people to check the performance. Following are the points we have estimated. When another person comes in front of the person wearing the mask following thigs are happen

- Case I: It measure the temperature of the other person and showing it on mobile app and voice notification is given by mobile when the temperature is greater than 100°F
- Case 2: The device is detecting the human at distance of 3 m. If the distance between two people is less than 1m the device is giving you beep to maintain the social distance.
- Case3: when person not wearing the mask or move the mask to chin the sensor is detecting the presence of mask is there or not and the proper position of mask and according to the situation it gives you signals or beep.

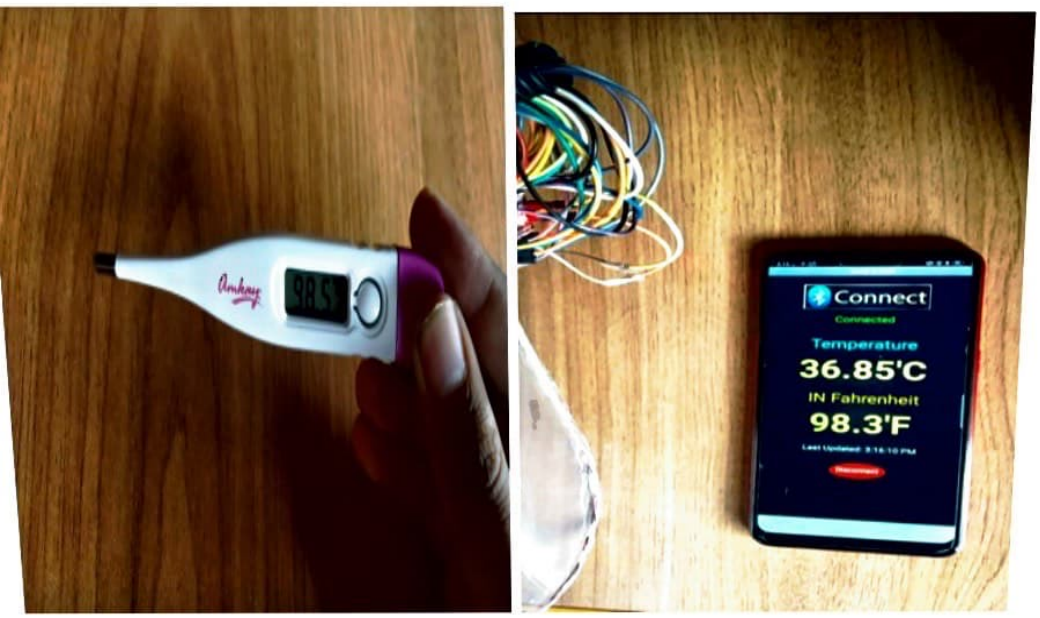
5. **Experimentation/Verification done to establish the workability of the above**

Part 1: Temperature measurement Factor

Case 1: when the temperature of body below 96.98°F (normal temperature of body) it is indicated by green.

Pic. 1. Actual reading when it used on human.

Case 2 : When the temperature of the body lies between 6.98°F to 100.2 it will be shown in yellow colour



Pic. 2. Temperature of body measure with temperature of body wit smart face thermometer

Case 3 : when the temperature of person in front is greater than 100.2'F i.e corona temperature. And it is giving you the voice notifications

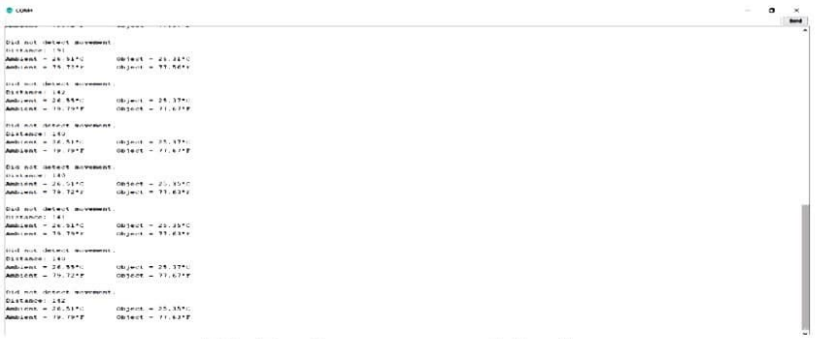
Pic. 4. High temperature measure with temperature measure with thermometer

Temperature measured by contactless temperature sensor send results to the mobile. These high temperatures are measured by contactless temperature sensor and the thermometer are same.

Part 2: For social distancing Factor

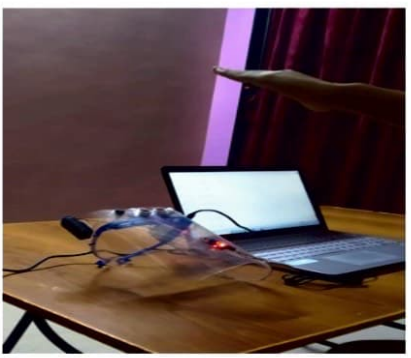
Case 1: when distance between two people is greater than 1m.

Pic. 6. Hand and device distance is more than 1m.



Pic.7 . Output on serial print

Case 2 : When distance between two people is less than 1m. then output is shows as below



Pic. 8. Distance between hand and shield is less than 1m.

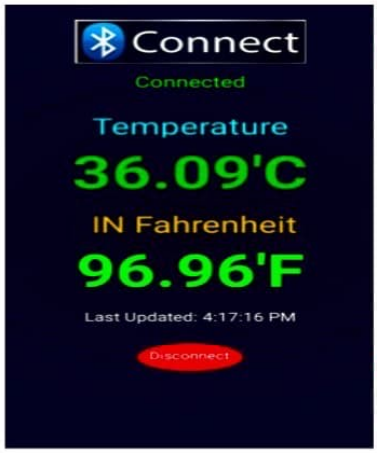
Pic. 9. Output on serial print

➢ **Results**

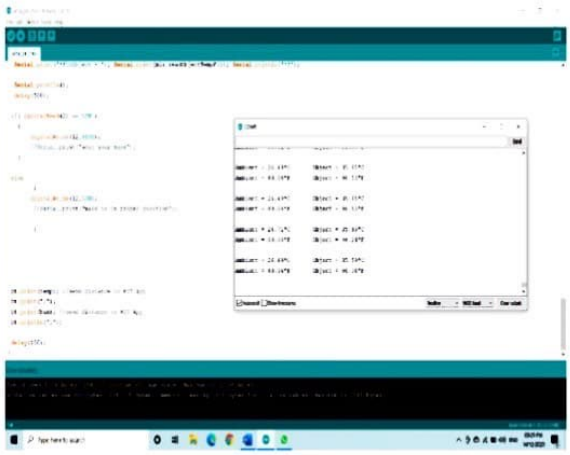
1. Actual findings, significant output of tests and analysis

Part 1: Results of temperature measurement

✓ When the person having the normal body temperature the output of is shown below

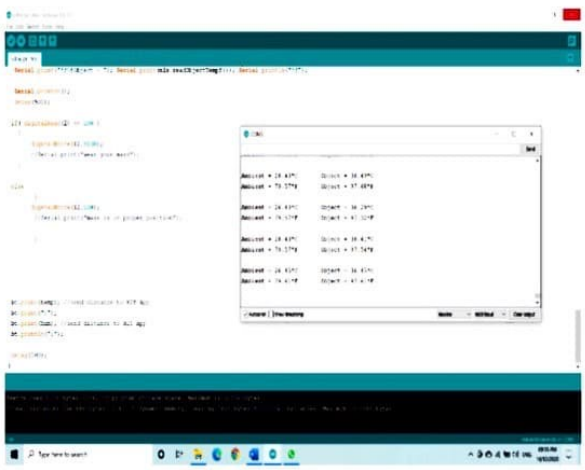


Pic.14.



Pic. 15.

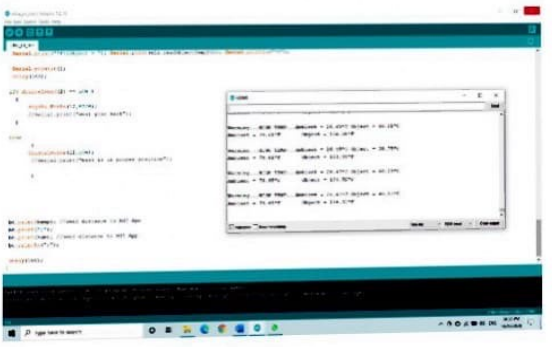
✓ When the person in front and having moderate body temperature



Pic.16.

Pic.17

➢ When the person having high body temperature



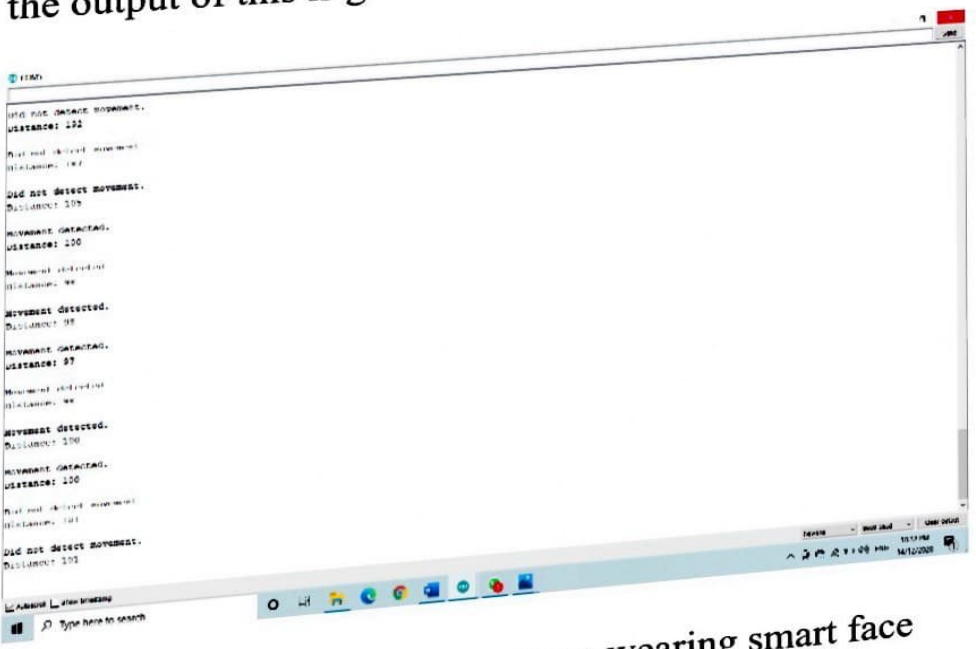
When the person is at different distance from the mlx90614 temperature measurement sensor the readings are as follow

Distance	Temperature in Fahrenheit
10cm	96.96
25cm	95.82
50cm	93.80
100cm	80.94

From above table it is seen that the accuracy of measuring temperature is reduc. For measurement of temperature, we have to go close to the sensor.

Part 2 : Social distancing Results

➢ When the distance between person who wears smart face mask shield and another person is greater than 1m and movement is detected it will not give you the beep and the output of this is given below



➢ When the distance between person wearing smart face mask shield and another person is greater than 1m and movement is not detected it will not give you the beep and the output of this is given below

ERTS Lab
Department of Computer Science and Engineering
Indian Institute of Technology Bombay,
Powai, Mumbai-400 076.

Certificate of Merit

This certificate is awarded to **Rahul Bhivaji Kamble**, a student from **Vidyavardini's College of Engineering and Technology, Vasai, Maharashtra** who has participated in the 2-Weeks **e-Yantra Hackathon 2021: Fighting COVID-19**.

He/She is a member of the team having the following team members,

1. Rahul Bhivaji Kamble

This team was amongst **10** teams out of **207** submissions from the total of **1878** registered teams. The team demonstrated their project titled **SMART COVID FACE SHIELD & MASK** and has received an award under the **Best Embedded System (Product)** category.

Prof. Kavi Arya
Principal Investigator, e-Yantra
Professor
Department of Computer Science and Engineering
Indian Institute of Technology Bombay

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e-Yantra is a project sponsored by MHRD, Government of India, under the National Mission on Education through ICT (NMEICT).

e-Yantra Hackathon 2021: Out of **207** submissions from **1878** registered teams: **10** teams received Merit, **6** teams Appreciation and **81** teams Participation Certificate.
Certificate of Merit: awarded to the team for outstanding performance in the hackathon
Certificate of Appreciation: awarded to the team for complete project demonstration
Certificate of Participation: awarded to team for participating in the hackathon

Click here for summary page

A PROJECT REPORT ON

DESIGN AND MANUFACTURING OF BIODEGRADABLE SANITARY NAPKIN MAKING COMPACT MACHINE

SUBMITTED BY

Miss. SMITA AREKAR	ROLL NO:	01
Miss. ANUJA SAWANT	ROLL NO:	48
Miss. KAUSHALYARANI SWAMI	ROLL NO:	56
Miss. HARSHADA YADAV	ROLL NO:	60

UNDER THE GUIDANCE OF

Prof. Parag Sarode

DEPARTMENT OF MECHANICAL ENGINEERING

VIDYAVARDHINI'S COLLEGE OF ENGINEERING AND TECHNOLOGY, VASAI ROAD (W.)

UNIVERSITY OF MUMBAI

2020-2021

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

Arekar Smita Avinash

Sawant Anuja Balkrishna

Swami Kaushalyarani Shivmurti

Yadav Harshada Ravindra

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 **2020-21**

Mr. Parag Sarode	*Dr. U.V. Aswalekar*	*Dr. H.V.Vankudre*
PROJECT GUIDE	**HEAD OF DEPARTMENT**	**PRINCIPAL**

INTERNAL EXAMINER — *SEAL* — **EXTERNAL EXAMINER**

ABSTRACT

The world is facing problem of non-biodegradable materials in landfill, which is harmful for environment. In which considering feminine hygiene product, 10% of Indian women use disposable pad, then each individual will generate at least half a kilo of waste a month. In that way, 10% of female population in India will generate 16,180 tons of waste every month. Disposable pads are generally made of synthetic materials and plastic (non-biodegradable), which can take more than 50-60 years to decompose. Current pads are made up of plastic and industries manufacturing biodegradable sanitary napkins are costly. Manufacturing of sanitary napkins involve large setup which consumes more area, require high initial investment and high maintenance.

To resolve mentioned problems our aim is to manufacture low-cost biodegradable sanitary napkin making compact machine. Biodegradable pads will help environment as well as will be safe for women as they will be made of natural materials. Compact machine will generate local employment especially for women and involves women actively in the sales and distribution of sanitary napkins.

For biodegradable materials we are using non-woven fabric, wood pulp, SAP (Superabsorbent Polymer), PE back sheet and release paper. At present we are using only wood pulp (only one biodegradable material) which makes sanitary napkin partly biodegradable. To make it fully biodegradable we are testing some materials like coconut coir, banana fiber and planned to use those materials in our product.

CHAPTER 5

5 EXPERIMENTATION

5.1 INTORDUCTION

Experimentation involves testing on non-biodegradable materials (heat sealing testing) as well as on biodegradable materials (absorbency test). Selected materials contain only one biodegradable material i.e., wood pulp so we thought of trying some new and easily available biodegradable materials for sanitary napkin. The main function of sanitary napkin is to absorb the menstrual blood and we are trying new materials which are not used in the sanitary napkin before, so we have to check the absorbent capacity of that materials. These available biodegradable materials were in the raw form. Due to unavailability of facilities, we tested them in raw form at home.

5.2 HEAT SEALING TESTING

First, we tested on sample to check heat sealing of selected materials. And after getting to know that materials can be heat sealed, we finalized the heat-sealing method and then tested on manufactured prototype.

5.2.1 Heat sealing testing on sample:

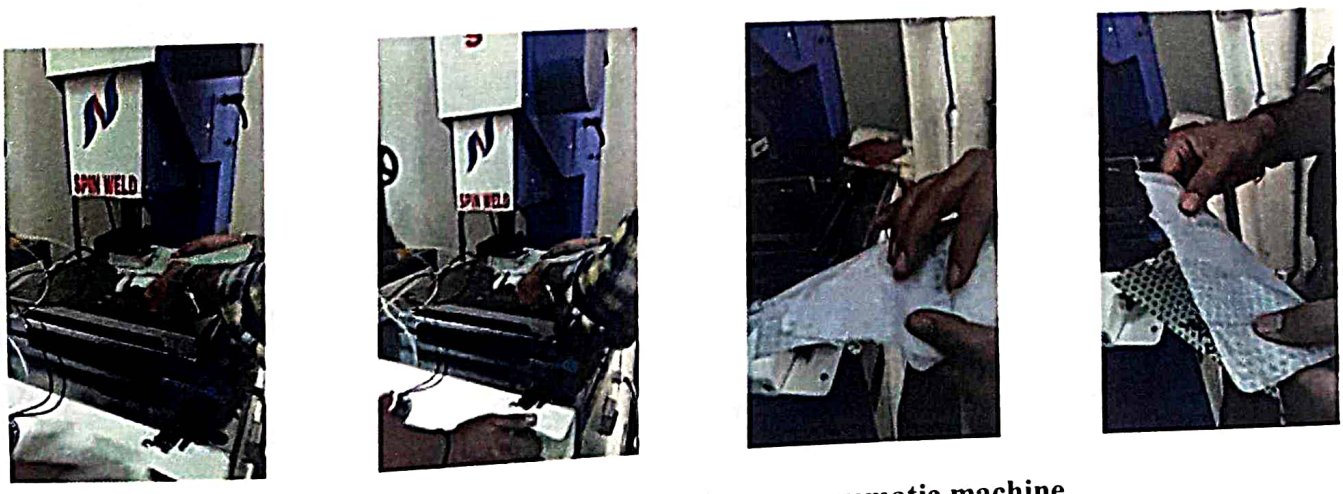


Figure 5.1 Heat sealing testing on pneumatic machine

3. Cotton cloth + Banana Fiber + Cotton cloth
4. Cotton cloth + Wood pulp + SAP + Cloth (50%/50%)

We stitched all three layers using sewing machine, and using syringe we injected water on stitched pad. After every 20 ml we checked for any stain or leakage on bottom layer. We noted quantity of water at which it starts staining on bottom layer and recorded data. Details of making of sanitary napkins and testing at home is given below.

5.3.2.1 Cotton cloth + Wood pulp + Cloth (50%/50%):

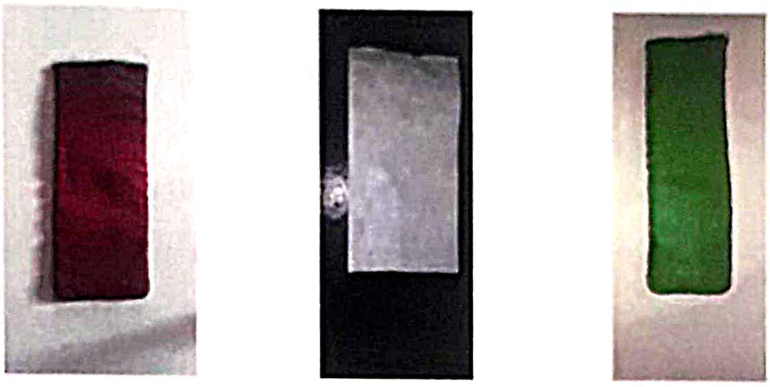


Figure 5.4 Sample made up of wood pulp

We use wood pulp in this pad which we already bought from industry which we are going to use in our main product. Here first layer is of cotton cloth and bottom layer is of 50% cotton and 50% polyester. We stitched top layer and bottom layer one side open like a pocket, and inserted wood pulp sheet inside that and then stitched that open side and then tested. After every 20 ml photos were taken.

Figure 5.5 Testing of wood pulp

5.3.2.2 Cotton cloth + Coconut coir + Cloth (50%/50%):

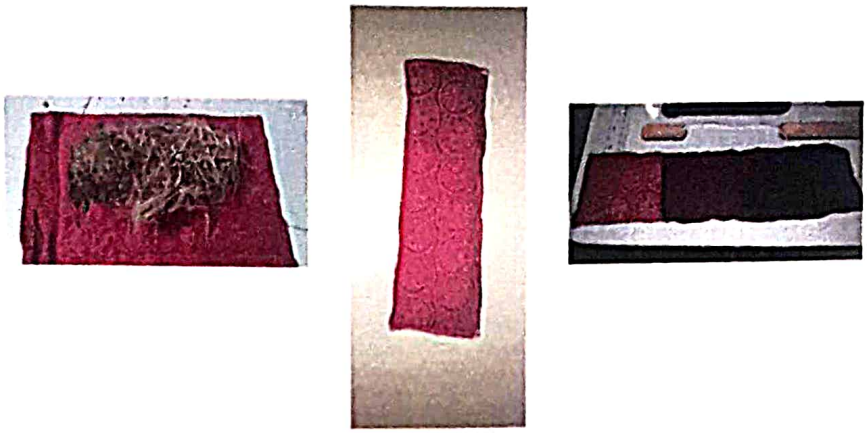


Figure 5.6 Sample made up of coconut coir

As coconut coir has capacity to absorb and it is easily available therefore, we thought of using it in sanitary napkin. Here we wrapped coconut coir in cotton cloth and then inserted in the pocket made up of cotton cloth (top layer) and 50% cotton 50% polyester cloth (bottom layer). It is not advisable to use it in this form because coconut coir is not soft but, we are testing the absorbency capacity and due to lack of facilities we tested in this form.

Figure 5.7 Testing of coconut coir

5.3.2.3 Cotton cloth + Banana Fiber + Cotton cloth:

Banana fiber was also available in the raw form. We grind banana fiber and add corn starch for binding. Inserted that sheet in the pocket made up of fully cotton cloth. And tested the same as mentioned earlier.

Figure 5.8 Banana fiber sheet

Figure 5.9 Testing of banana fiber

5.3.2.4 Cotton cloth + Wood pulp + SAP + Cloth (50%/50%):

We try wood pulp and SAP with cotton cloth. Here we tried to make reusable cloth pad, just have to remove the middle core and after washing remaining part we can reuse that. Tested pad with the same procedure.

Figure 5.10 Testing on wood pulp + SAP with cloth

Thus, we tried absorbency testing on different biodegradable materials which are available. We tested them in their original form so results are not that much accurate but we found whether they can be suitable for sanitary napkin. Results of the testing are discussed in the next chapter.

temperature and pressure, we are unable to cut the shape and if we try to apply temperature and pressure greater than applied for cutting purpose, it melts the material.

6.3 ABSORBENCY TESTING RESULT:

6.3.1 Absorbent capacity of product:

Figure 6.3 Testing result of sample

Injected water on product and after every 20 ml checked for any leakages. SAP (Super Absorbent Polymer) converts liquid into gel. Hence sanitary napkin made up of non-woven, wood pulp, SAP, laminated back sheet able to absorb greater than 60 ml of water without any leakages. According to IS 5405 standards (Reference taken from bureau of India standards for sanitary napkin-5405-1980) a sanitary napkin should be able to absorb 60 ml of water.

6.3.2 Absorbent capacity of other biodegradable materials:

6.3.2.1 Cotton cloth + Wood pulp + Cloth (50%/50%):

Figure 6.4 Testing result of wood pulp

SAP is non-biodegradable, so if we replace SAP with biodegradable material, it will be fully biodegradable sanitary napkin.

6.3.3 Result table (absorbency test):

Results of absorbency testing of different materials is shown in the table.

Table 6.3 Absorbency test results

SR. NO.	MATERIAL	ABSORBENCY CAPACITY (ml)	COMMENT
1)	Non-woven + wood pulp + SAP + laminated back sheet	>60	Only one biodegradable material i.e., wood pulp
2)	Cotton cloth + Wood pulp + Cloth (50%/50%)	20	• Increase thickness of wood pulp • Combine with other biodegradable materials to achieve required results
3)	Cotton cloth + Coconut coir + Cloth (50%/50%)	40	If we use coconut coir in proper form it would be great option for middle layer.
4)	Cotton cloth + Banana Fiber + Cotton cloth	20	If we use Banana fiber in proper sheet form it will absorb 60 ml.
5)	Cotton cloth + Wood pulp + SAP + Cloth (50%/50%)	>60	can be used as reusable cloth pad

CHAPTER 8

8 CONCLUSION

- Bio-degradable materials are easily available in nature.
- Bio-degradable materials such as bamboo fiber, banana fiber, coconut coir and corn starch based bio-plastic will help to reduce environmental issues as they will decompose easily than non-biodegradable materials and also saves landfill space.
- More use of natural materials in hygiene products will make it eco-friendly.
- Project outcomes ultimately may become a part of Swachh Bharat or Clean India Mission in health care with ecofriendly materials.
- Use of natural materials will also reduce the cost.
- Compact machine will be easy to use so women may manufacture sanitary pads by their own for their own use.

Click here for summary page

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
INSTITUTION'S INNOVATION COUNCIL (Ministry of Education Initiative)
K. T. Marg, Vasai Road (W), Dist. Palghar - 401202, Maharashtra.
Tel.: 0250 - 2338234 (6 Lines) • Fax: 0250 - 2339486 • Email: vcet_inbox@vcet.edu.in
Website: www.vcet.edu.in

Report of
Leadership, Innovation and Gendre Constraint on
10th March 2023

Objective: To introduce the gender inequalities, their strengths, weaknesses

How womens are successful leaders, Innnovators

About the Speaker: The guest speaker for the session

1. Dr. Deepti Joshi
MD, Institute of Educational leadership(IEL)
Founder,MD-Finezt Finance Consultancy Pvt. Ltd.
Mumbai

Brief introduction of chief guest

Dr.Joshi is a Co-founder MD CEO - Finezt Finance Consultancy Pvt Ltd.

Cofounder Chairperson - Dr. Dipti Joshi Foundation.

Founder, MD - Institute of Educational Leadership (IEL).

All India Bureau Chief - Loksamna News.

Advisor and Associate Partner - Yagya Care.

Member ICC Internal Complaint Committee Fr C Rodrigues Institute of Technology.

Winner Ms&Mrs India Voice of Women 2020 Duet.

Mrs Mompreneur 2022 Ambassador.

Former National Director - NCWDC (National Child and Woman Development Council).

National Vice President, Intellectual Wing - Press Club of Drishti Bharat.

Maharashtra State Coordinator - AGS Grooming Academy.

Former Chief Policy Officer - IDYM Foundation.

Former Maharashtra State President, National Financial Advisor and National Vice Former President - AICPW (Aesthetics international council for progressive women).

Former National joint secretary - Dada Saheb Phalke Icon Award Films.

Member - Pradhanmantri Jankalyaan Yojna Prasar Prachar Abhiyaan.

Former Director - Smrutira Odisha International Trust.

Researcher, Educationalist, Entrepreneur, Investor, Groomer, Philanthropist and a happy Mother.

Awards: Women Achievers Award, Iconic Personality Award, Global Peace Leaders Award, Global Climate Hero Award, Legend Dada Saheb Phalke Award, Bollywood Legend Award, The Entrepreneur's Award, International Excellence Award, Business Excellence Award, various other national and international awards for business, philanthropy, writing, presentation, etc by esteemed organizations including ISA (International Society for Automation), IEEE (Institute of Electronics & Electrical Engineers), Science Exhibition Authority, Reliance MOHC (Medical & Occupational Health Center), etc. Mr. Sandeep Sukhija ,He is a Director of S. Crane Engg. Works, manufacturing Cranes, Hoists and Lifts located in Mumbai. Mr.Sukhija completed his Engg, in 1990. Joined family business in 1986 and has been engaged in expansion of the business since then. He has been a program leader at Denmark- a training and development organization since 2009 and he has trained 1000s of people so far

Brief summary of the expert talk

The institute Innovation Council in association with Internal Complaint Committee was organized this session on 10th March 2023 at Vidyavardhini's College of Engineering and Technology campus in offline mode.

Dr.Deepti Joshi highlighted about the importance of women in an organization and how they are capable of working as good or rater better than their counterpart. Many examples shared by Dr. Joshi like CEO of ICICI Dr.Chanda Kochar, Finance minister of India Mrs. Nirmala Sitharaman, EX Prime Minister of India Mrs. Indira Gandhi etc.

Dr.Joshi highlighted the strength of women like dedication in work under taken, sincerity and deep knowledge makes them to be the leader of enterprise or country.

Dr.Joshi emphasis upon the responsibility the women employee are handling like family at home, office work. Still they never complain to any body about it.Happily they tried to give justice for each task. That's the reason womens are the DURGA.

Only the incidence which makes womens different from men is their mensuration cycle period. Those days womens are really pass through the struggle and fees tired . It's a duty to of the organization as a whole to support womens in such crucial period of time.

Womens showcase their talent in innovations also . manu examples shared by Dr.Joshi like Mrs.Anandi bai Joshi , Ms.Kalpana Chawala etc who shaped the indias Innovation and research.

Dr.Joshi is a mom of adopted child who is 16 years of age now. Like it Dr.joshi involved in social activites in Mumbai and Konkan region.

Overall The session was very interesting and Dr.joshi interacted well with faculty members and resolved queries raised by faculty members.

There were 42 faculty members were attended the session

The vote of thanks was delivered By Dr. Megha Trivedi, Coordinator, Internal Complaint Committee and session was concluded.

Thank you,

Dr.Ashish Chaudhari

President, IIC

Report of
Leadership, Innovation and Gendre Constraint on
10th March 2023

Glimpses of the Event

Ms.Dipti Joshi during the session of Leadership, Innovation and Gendre Constraint

Click here for summary page

27_Rally-save girl child

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2019 - 20
Title of the activity	Rally Save Girl Child
Date of the activity	26 - 02 - 2020
Description of the activity	Rally around village with slogans 'Beti Bachao, Beti Padhao' to promote Save Girl Child Theme.
Venue of the event	Kelthan
Organizing committee	NSS VCET
Number of participants	55

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2019-20)

Date – 26th Feb, 2020

To,
The Principal
VCET

Subject: Rally for save girl child Village, Kelthan

Respected Sir,

NSS VCET organized an NSS Residential Camp from February 26th, 2024, to March 1st, 2024. A rally for Save Girl Child was conducted on the first day of the NSS Residential Camp. The rally was conducted by the NSS volunteers across Kelthan village on the topic "Save girl Child". Various slogans like "Beti Bachao Beti Padhao", "Mulgi Shikli Pragati Zhali",

"Beti ko Adhikar do, Bete jaisa pyaar do" were called out along the way.
Attractive banners and posters were used to grab the attention of Villagers.

People of the village showed active participation for the rally.

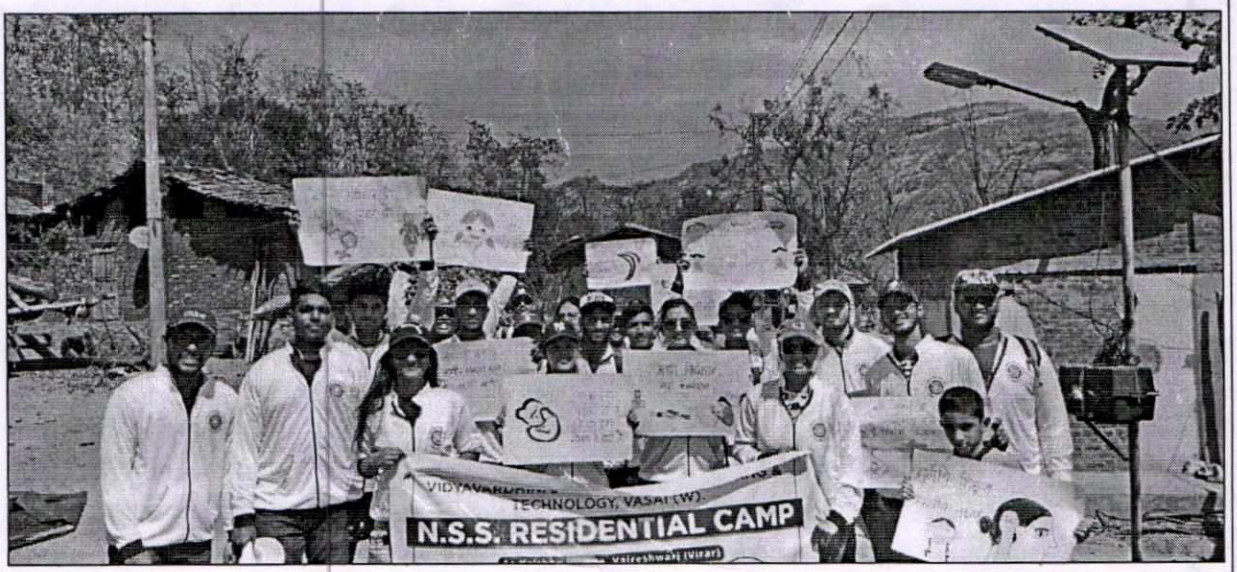
Thank you.

Dr. Pradip Gulbhile,

Programme Officer,

NSS


VIDYAVARDHINI'S COLLEGE OF ENGINEERING &
TECHNOLOGY, VASAI (W).
N.S.S. RESIDENTIAL CAMP
BUT YOU.


TECHNOLOGY, VASAI (W).
N.S.S. RESIDENTIAL CAMP

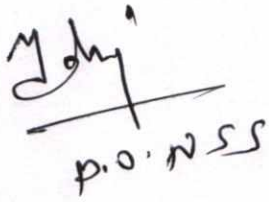
Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2019-20)

Sr. No	Name	Year
1	Vipul Bhoir	BE
2	Vaibhav Rai	BE
3	Shravan Tawde	BE
4	Aryan Parab	BE
5	Sanjana Tiwari	BE
6	Aniket Jha	BE
7	Prachi Shah	BE
8	Tanzil Irfan Shaikh	BE
9	Roma Dhake	BE
10	Dhrumil Bhatt	BE
11	Rishabh Sharma	BE
12	Sayali Gupta	BE
13	Amey Chaudhari	BE
14	Siddharth Chakravarty	BE
15	Vaishnavi Gaikwad	BE
16	Riya Raut	BE
17	Prem Khanderao	BE
18	Meet Mehta	BE
19	Gargi Betawadkar	BE
20	Umesh Jadhav	BE
21	Abhishek Deshmukh	BE
22	Dhiraj Raut	TE
23	Pratik Jadhav	TE
24	Devbhatt singh	TE
25	Nohal Warang	TE
26	Disha Pote	TE
27	Heramb Botawadkar	TE
28	Sarvosh Shinde	TE
29	Praseeda Prabhu	TE
30	Aditi Rathod	SE
31	Rithesh Shetty	TE
32	Bhavik Mistry	TE
33	Ujjwal Upadhyay	TE
34	Dinesh Ahire	TE
35	Chetan Jawale	TE
36	Rishabh Sharma	SE
37	151 Ankur Saha	SE
38	Tejas Chonkar	SE
39	Aryan Kore	SE
40	Komal Swain	SE

P.O. NSS

41		Sanika Patil	SE
42		Yash Doke	SE
43		Bhavesh Gosavi	SE
44		Divya Singh	SE
45		Anushka Supe	SE
46		Jitesh Agnihotri	SE
47		Pawan Patil	SE
48		Sahil Jadhav	SE
49		Anagha Francis	SE
50		Akash Mourya	SE
51		Raul Arya	SE
52		Anushka Jagtap	SE
53		Aditi Shirke	SE
54		Rahul Shah	SE
55		Bhakti Raigawali	SE



28_Teaching Campaign

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Near Railway Station, Vasai Road (W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2018-19
Title of the activity	Teaching Campaign
Date of the activity	09/09/2018
Description of the activity	Guided the students of 10th Standard for their career development
Venue of the event	Karmaveer Bhaurav Patil School Juchandra
Organizing Committee	NSS VCET
Number of participants	33

Dr. Pradip Gulbhile
Faculty Incharge, UDAAN
VCET, Vasai

Vidyavardhini's College of Engineering and Technology , vasai

9th September, 2018

To

The Principal

Vcet

Subject : Career Guidance Seminar at Karmaveer Bhaurao Patil Vidyalaya (Juchandra)

Dear Sir,

The Udaan Committee of Vidyavardhini's College of Engineering and Technology (Vasai) paid a visit to Karmaveer Bhaurao Patil Vidyalaya (Juchandra) on 8th September, 2018 to guide the students of standard 10th for their career development. The entire activity was conducted under the guidance and supervision of faculty incharge Prof. Pradip Gulbhile and the president of Udaan committee Miss. Anagha Pasalkar.

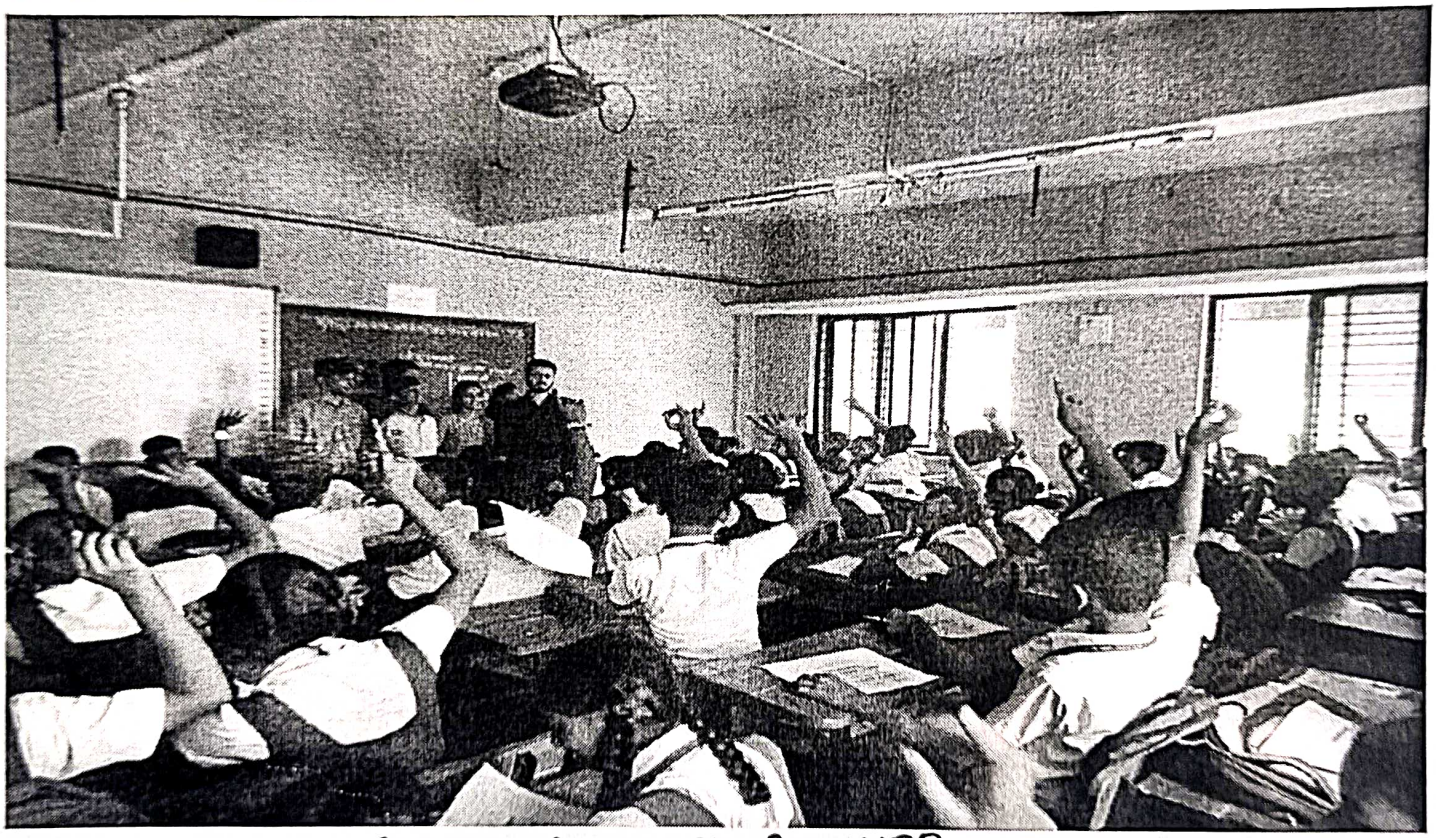
All the members of Udaan Committee reported the school at 9:00 am and the career guidance seminar was conducted from 10:00 am onwards. The students were made aware of all the streams and different career options in each stream. More emphasis was given on the entrance examinations to get into the professional courses thereafter. Also, they were told about personality development and its importance. Different professional courses were explained in detail. The students listened very carefully with enthusiasm. To make the situation lighter, games were played and chocolates were distributed.

The enlightened students gave a warm send-off to the Udaan Committee at the end of the session. The entire group left the school premises with great satisfaction and a wonderful experience.

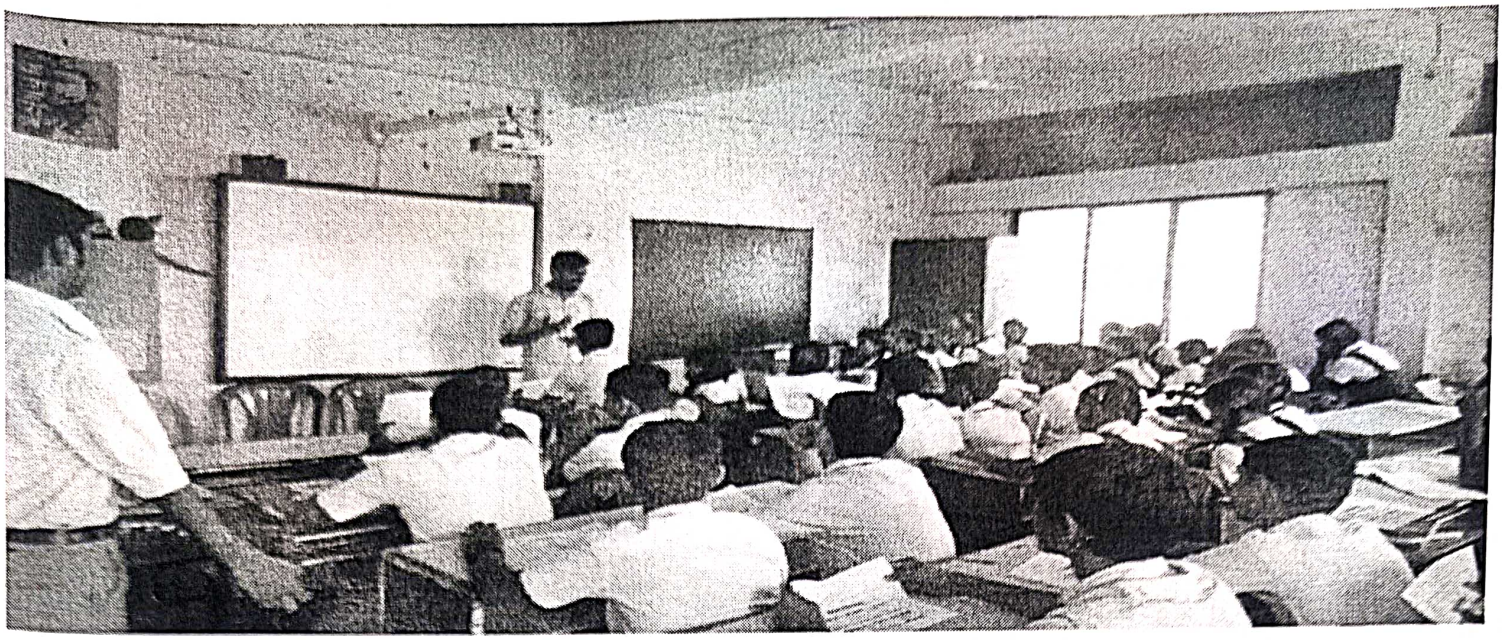
Thank you

Dr. Pradip Gulbhile

Faculty Incharge



CAREER GUIDANCE SEMINAR




स्थापना १९६१
कर्मवीर भाऊराव पाटील विद्यालय, जूचंद
ता. वसई, जि. पालघर

1	Savaiya Yash Jaisulu	7045365243	Mech.	
2	Pankaj Prakash Gidwani	9073687350	EXTC	
3	Jangle Kumar Chandrakant	8411869605	Mech	
4	Rathod Parth Girishbhai	9004491030	Mech	
5	Vajaia Vidhi Dipesh	8805062103	Extc	
6	Gaikwad Pratik Suresh	8007985730	Extc	
7	Iyer Shami Venkatramani	9272600452	Comps	
8	Valaki Akshay	7030288697	Comps	
9	Sharma Dinesh Suresh	8108606801	Mech	
10	Rohit Shamrao Hiwrao	9702435089	It	
11	Jobalia Yash Hitesh	9769064884	Mech.	
12	Athay Deopurkar	7892168210	It	
13	Vedant Devendra Patil	7021367676	Comp	
14	Dhaval Tejas Gaupat	8652587618	INFT	
15	Tejash Prasanth	9764197184	Comp	
16	Parekh Dhruv Shashikant	9833847760	it	
17	Jadhav Khushal Madhav	9326367454	Extc	
18	Megha V Trivedi	9503088957	Mech	
19	Ramani Dharmesh R	8879888641	Mech	
20	Bhalal Himanshu	7248999389	Extc	
21	Deorukhkar Jayesh Milind	7507819548	It	
22	Panchariya Bhavik Mahesh	8983302961	Mech	
23	Mayur Mahendra Pandhari	7045513168	It	
24	Patel Pranav Ashok	7758075860	It	
25	Vaghani Ram Bhikhalal	9766218890	Inst	
26	Jadhav Akash Bhupesing	9820048472	Inst	
27	Vedpathak Rithwik Sanjiv	9167899814	It	
28	Geedh Pruthvi Omkar	9432106721	Extc	
29	Aniket Vijay Ganvir	9869249312	Civil	
30	Rane Sawesh Dayanand	8108301909	Intru	
31	Waghela Pratik	8898835153	Comp	
32	Bhavik Mistry	9702122541	Comp	
33	Harsh Prajapati	9757233112	It	

Volunteer Attendance Sheet

P.O. - NSS

29_Donation of Navneet Notebooks

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2019-20
Title of the activity	DONATION OF NAVNEET NOTEBOOKS
Date of the activity	15/10/2019
Description of the activity	Aimed at contributing to live educational well being of the students.
Venue of the event	TRINITY ORPHANAGE MERCES
Organizing committee	NSS-VCET
Number of participants	52

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2019-20)

Date - 15th October, 2019

To,

Principal

VCET.

Subject: Report on Notebook Donation Event (15th October)

Respected Sir,

The NSS unit of Vidyavardhini's College of Engineering and Technology, Vasai conducted an notebook donation event at Trinity orphanage merces. This endeavor was aimed at contributing to the educational well-being of the children under your care by providing them with essential stationery items. The notebook donation event unfolded seamlessly at Trinity Orphanage as scheduled. Our team, accompanied by dedicated volunteers, arrived at the premises to facilitate the donation process. The primary objective was to support the educational aspirations of the children and ensure they have access to fundamental learning resources.A total of 300 high-quality notebooks were graciously donated during the event. These notebooks were carefully selected to meet the academic requirements of different age groups, emphasizing durability and usability for an extended period.

We extend our heartfelt gratitude to Trinity Orphanage for warmly welcoming us and providing the opportunity to contribute to the educational welfare of the children. The dedication and commitment of the orphanage staff were evident throughout the event, and we commend their efforts in creating a nurturing environment for the children.

Thank you.

Dr. Pradip Gulbhile,

Programme Officer,

NSS.

Handmaids of the Blessed Trinity

Orphanage

Whatsoever you do to the least of my brothers that you do unto Me

Children are a gift from the LORD.
-Psalm 127.3a (GNT)

To. Mr./Mrs. UDAAN - VCET (VASAI-W)

Thank you very much for your great love for our children.

May God bless you, Our Prayers for you & your family

Sr. M. Paulette

Sr. Eliza .B

Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2019-20)

Sr. No	Name	Year
1	Viren Borale	BE
2	Yash Vijay Patil	BE
3	Dwij Reddy	BE
4	Piyusha Rane	BE
5	Divya Singh	BE
6	Prachi Madane	BE
7	Ritik Hingu	BE
8	Mrudul Chaudhari	BE
9	Neil Suneria	BE
10	Garima Mohanty	BE
11	Kiran Rokade	BE
12	Vatsal Makadiya	BE
13	Viren Borale	BE
14	Karuna Pednekar	BE
15	Omkar Salunkhe	BE
16	Urvashi Patil	BE
17	Prem Khanderao	BE
18	Meet Mehta	BE
19	Gargi Betawadkar	BE
20	Umesh Jadhav	BE
21	Abhishek Deshmukh	BE
22	Dhiraj Raut	TE
23	Pratik Jadhav	TE
24	Devbhatt singh	TE
25	Nohal Warang	TE
26	Disha Pote	TE
27	Heramb Botawadkar	TE
28	Sarvesh Shinde	TE
29	Praseeda Prabhu	TE
30	Aditi Rathod	SE
31	Rithesh Shotty	TE
32	Isha Pathak	TE
33	Sakshi Padalkar	TE
34	Shruti Pawar	TE
35	Pranay Ippakayal	TE
36	Viraj Gavali	SE
37	Rahul Shah	SE
38	Vedika Misal	SE
39	Haripriya Ramisetty	SE
40	Dhruv Purav	SE
41	Rohit Sachin Redekar	SE
42	Monalika Pingle	SE
43	Suresh Borana	SE
44	Divya Singh	SE
45	Vaishnavi Deokar	SE
46	Dhrumil Bhatt	SE
47	Durvesh Kajrekar	SE
48	Ragini Nair	SE
49	Siddhesh Thakarkar	SE
50	Vinay Patil	SE
51	Rashi Mehta	SE
52	Shirin Khan	SE

P.O. N.S.S

Click here for summary page

Vidyavardhini's College of Engineering and Technology, Vasai

विद्यावर्धिनीचे अभियांत्रिकी आणि तंत्रज्ञान महाविद्यालय, वसई

Affiliated to the University of Mumbai.

30_STEM project

Academic Year 2022/2023

Title of Event: Stem Project

Date: 30th August 2022, 17th September 2022

Time:

Venue: Vidyavardhini's College of Engineering and Technology

No. of ~~Staff~~ Students Present:

Faculty Incharge

HOD

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

Date:29/08/2022

To,

The principal,

Vidyavardhini's College of Engineering and Technology,

Vasai.

Subject: Request for permission to conduct **Outreach Activity** under IEEE STEM project.

Respected Sir,

IEEE (Institute of Electrical & Electronics Engineers) is an International Society of Engineers. It has initiated a STEM project which exposes learners to STEM education and aids in the improvement of maths and science skills amongst secondary school learners. It helps students to explore the electronics world and upcoming technical advancements. We at VCET conduct workshops every year in various schools.

It is scheduled on **30th August 2022 at visit Isaac newton global school, Vasai from 9:30am to 12:30pm.**

Following staff members will conduct the workshop.

1. Dr. Amrita Ruperee
2. Dr. Sunayana Jadhav
3. Ms. Shraddha Gosavi
4. Ms. Ekta Naik

Thanking you,

Jadhav

Dr. Sunayana Jadhav

IEEE Branch Counsellor

permitted
Asouf
29/8/22

IEEE-TCET Student Branch
IEEE TCET
Student Branch code : 41490581
www.ieee-tcet.net

IEEE BOMBAY SECTION
Institute of Electrical and Electronics Engineers

16th May, 2022

To,
Dr. Harish Vankudre,
Principal,
Vidyavardhini's College of Engineering & Technology,
Vasai.

Dear sir,

On behalf of the IEEE Bombay Section and the IEEE-TCET, we extend our heart-felt appreciation to your institute for the valuable contribution your team has made for the STEM Education Workshop. In STEM Education Workshop 1496 students and 77 teachers of 21 schools were trained.

STEM Education Workshop was conducted in 21 different schools across the state of Maharashtra, Chhattisgarh and Goa which was managed and regulated with the help of 21 professors and 244 volunteers from 9 different IEEE student branches. The detailed report is attached for your reference.

We would like to extend our appreciation to the following team of professors and student volunteers of your institute for training 117 students and 9 teachers of two schools and making the event a grand success.

Teachers	**Volunteers**	
Dr. Amrita Ruperee	Akhilesh Yadav(BE-EXTC)	Shruti kuvekar(TE EXTC)
Dr. Sunayana Jadhav	Shlok Shah (BE-EXTC)	Shikar Mehta(SE EXTC)
Ms. Shaista Khanam	Raj Gajera (BE EXTC	Vaibhav Pandey(SE EXTC)
Ms. Ekta Naik	Aniket shah(BE-INFT)	Priya Vadheria(SE EXTC)
	Rushabh Darji (BE EXTC)	Aditi Bhat(SE EXTC)
	Shreya Malewade (TE-EXTC)	Pinanshu Sirve(SE EXTC)
	Aditya patil (TE EXTC)	Vrusharth(FE EXTC)
	Mandar payare (TE EXTC)	Aditya(FE EXTC)
	Harsh Dodiya (TE EXTC)	Mohak(FE EXTC)
	Siddhi Raut (TE EXTC)	Tushar(FE EXTC)
	Sumukh Tiwarekar(TE EXTC)	Suvith(FE EXTC)
	Vishal Vaishnav(TE EXTC)	Ryan(FE EXTC)

Furthermore, we offer our sincere gratitude for helping to develop interest among school students in the fields of science and engineering through this STEM Education Workshop. The knowledge which was shared by your team was well-appreciated by the students and a strong positive feedback was received. We sincerely thank you for whole-hearted acceptance of our invitation and making this STEM Education Workshop a memorable one with your involvement.

We are looking forward to a mutually beneficial and long lasting relationship with you and your esteemed organization.

Yours sincerely,

Dr. Lochan Jolly
Branch Counselor IEEE-TCET

Dr. Satyanarayan Bheesette
Chair Person
IEEE Bombay Section

25/08/2022

To,

The Principa!

VCET, Vasai.

Subject: Fund Transfer for STEM project

Respected Sir,

IEEE has initiated STEM project which exposes learners to STEM education and aids in the improvement of maths and science skills amongst secondary school learners. IEEE Mumbai section Welfare Association have granted an amount of Rs.6500/- for the same. The cheque has been received in college account and deposited as well. Kindly transfer it to my account since expenses need to be done for STEM Project.

Cheque Details are:

Bank Name: Saraswat Bank

Cheque No.: 204051

Thanking You,

Yours Truly,

Dr. Sunayana Jadhav

IEEE Branch Counsellor

To
Regl/Accounts

Asolk
25/8/22

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

Department Of Electronics and Telecommunication Engineering

Report on STEM PROJECT

Event Name	Stem Project
Centre (name)	IEEE-SB
Venue (College/Institute)	Vidyavardhini's College of Engineering and Technology
Date & Time	30th August, 2022 & 17th September, 2022 (9:00 am)
Speaker of the Event	
Topic of Event	Stem Project
Important dignitaries attended	Dr. Amrita Ruperee HOD EXTC, IEEE Incharge Dr. Sunayana Jadhav, and Assistant Professor Ms. Shraddha Gosavi
Objective of the event	1. To understand the importance of electronics to school kids. 2. To make the school students aware of the various electronic circuits. 3. To motivate the students regarding electronics and its importance in our day-to-day life.
Brief Report including above information	Stem Project was an event which was organized by the IEEE committee on The goal behind organizing the Stem Project is to make young school students aware of the electronics engineering branch. For this Stem Project VCET IEEE committee members made ten easy-to-understand experiments using simple PCB board, LED, potentiometer, etc. Students were given hands-on experience with the basic knowledge about conductivity and conversion of mechanical energy to electrical, etc. For the conduction of this event students from the IEEE committee went to two different schools for showcasing of the projects. The two schools were Sheth Vidya Mandir and Isaac Newton Global school in Vasai. Students from those schools were taught about working of basic electronic experiments or projects. The atmosphere was filled with keen eyes and curiosity. The Stem Project was conducted under the guidance of Dr. Sunayana Jadhav (Ph.D. in Electronics Engineering, VJTI, Mumbai), Ms. Shraddha Gosavi (Asst. Professor, VCET), Ms. Ekta Naik (Asst. Professor, VCET), Dr. Amrita Ruperee (Ph.D. in wireless communication SNDT, Mumabi) and all the members of the IEEE committee. The event was a huge success due to the continuous efforts by the IEEE members and professors.

Outcome of the event	On successful completion of event students/learners will be able to: 1. Understand the importance of electronics to school kids. 2. Make the school students aware of the various electronic circuits. 3. Motivate the students regarding electronics and its importance in our day-to-day life.

Photographs

Figure 1 Stem Project

Figure 2 Stem Project

Figure 3 Stem Project

Vidyavardhini's College of Engineering & Technology

Department of Electronics and Telecommunication Engineering

IEEE-SB Presents
STEM PROJECT

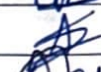
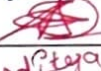
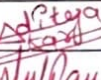
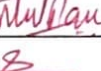
SCHOOL NAME:- SVM 66

Sr No.	Name	Sign
1	Riddhi R. Kaushik	
2	Gauri Bhatt	
3	Lakshada Singh	
4	Shruti Bhongade	
5	Drishti Prabhakar	
6	Hrithi Santosh Pednekar	
7	Madhura Dinesh Oza	
8	Vejal Bharda	
9	Shreya Singh	
10	Prisha Bhavesh Shah.	
11	Aayushi Chitalia	
12	Akhilesha S. Kumar	
13	Dia D. Pant	
14	YAJ BHANUSHALI	
15	Shreshth Jain.	
16	Atul R. Gupta	
17	SWASTIK KASHYAP	
18	Divyanshu Singh	
19	Vivek Yadav	
20	Kundan Purohit	
21	Hanna Mary Eldhose	
22	Keerthana Nair	
23	Arunima Sandeep Surange	
24	Mridul Barangal	
25	Swapnil Das	
26	ABHISHEK J. SINGH	
27	Hitanshi J. Oza	
28	Moksha U. D. Karelia	
29	Nandana K. Shaji	
30	Ridhima S. Gupta	
31	Simran Shukla	

Vidyavardhini's College of Engineering & Technology

Department of Electronics and Telecommunication Engineering

IEEE-SB Presents
STEM PROJECT

Sr No.	Name	Sign
31		
32	Pratyush Gupta	
33	Vighnesh K.	
34	Aryan	
35	Aryan	
36	SURAJ	
37	Alok . . .	
38	Aditya	
39	Neel	
40	Shreyas	
41	Eshaan Singh	
42	Nibodh RJ Jain	
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IEEE-SB Presents
STEM PROJECT

Sr No.	Name	Sign
61	ANISH RAO	
62	Parth	
63	Maan Joshi	
64	Rishabh Dubey	
65	Arnav Sawarn	
66	Aryan Ajay	
67	Pranab Ghorai	
68	Ashutosh Panda	
69	~~Ashutosh~~ Adwait	
70	Sumit	
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Vidyavardhini's College of Engineering & Technology

Department of Electronics and Telecommunication Engineering

IEEE-SB Presents
STEM PROJECT

Sr No.	Name	Sign
91	Ansh Kumar	
92	Aditya kumar	
93	Shivansh Pandey	
94	Shrey Mulsha	
95	Divy Tandon	
96	Kushal Mishra	
97	Kaushik KAKade	
98	Shivam Kumar	
99	Pranit Palonde	
100	Parth Giri	
101	Yamir Bane	
102	Aditya Gupta	
103	Dhanush	
104	Gaurishankar	
105	ADVAITH NAIR	
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Vidyavardhini's College of Engineering & Technology
Department of Electronics and Telecommunication Engineering

IEEE-SB presents

STEM PROJECT for standard 8

Sr No.	Name	Sign
1	Prathmesh Atul Joshi	P.A.Joshi
2	Jainam Saraiya	
3	Prasanna S. Khongal	
4	Atharva Jadhav	
5	Noah Darwalla	Noah
6	Yugal Thakkar	
7	Aditya Koli	AKoli
8	Mridul Thakur	
9	Siddharth S. Visavadia	
10	Vedant V Mishra	V. Mishra
11	Shubham R. Patil	
12	Kartik N. Desai	Kartik N. Desai
13	Yusuf A. Dhinojwala	
14	Ayushman Parija	
15	Dharmil Meghani	
16	Satish Thanjuja	
17	Taher M. Vora	Taher.
18	Saanvi S. Upadhyay	
19	Riddhi R. Gavnkar	
20	Iris Pimenta	Iris
21	Zean Lopes	
22	Heenal Hemani	
23	Vruddhi Chandhari	
24	Tanisha Jadhav	Tanisha J
25	Mihal Khavarekar	Mihal
26	Ovee Kumthekar	
27	Gousayee K Chauhan	
28	Laya Pillai	
29	Sarah Badlani	
30	Hetali Kathoria	

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

IEEE-SB presents

STEM PROJECT

Sr No.	Name	Sign
31	Jade Anthony Joseph	
32	Dhruvi Tejani	D.R. Tejani
33	Jayna Rathod	
34	Lian D'souza	
35	Palak P. Shah	
36	Mayuresh S. Shetty	
37	Pranav S. Nair	
38	Nihar Suvarna	
39	Agreema Deolal	
40	Reedhima Nair	
41	Miraya Joshi	
42	Ethel Pereira	
43	Pahel Kankani	
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Click here for summary page

31_Career guidance in secondary school Village. Kelthan

Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

Activity Report

Academic Year	2019-20
Title of the activity	Career guidance in secondary school
Date of the activity	29-02-2020
Description of the activity	Conducted career guidance for secondary schools.
Venue of the event	Kelthan
Organizing committee	NSS - VCET
Number of participants	55

Dr. Pradip Gulbhile
Programme Officer, NSS
VCET, Vasai

Vidyavardhini's College of Engineering & Technology

K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2019-20)

Date - 29th Feb, 2020

To,

The Principal

VCET.

Subject: Report on Carrer guidance to secondary school Village, Kelthan

Respected Sir,

NSS VCET organized an NSS Residential Camp from February 26th, 2024, to March 1st, 2024. A seminar on Carrer guidance to secondary school was conducted on the fourth day of the NSS Residential Camp.

Volunteers gave them an overview of all the career options available after the SSC, also imparting to them the importance of a well established career and its advantages and how it will turn out to be helpful for them. They were also given extra knowledge about civil service exams when they told the volunteers about their keen interest in entering the army, navy, airforce and also of becoming future officers and serving the nation. They were thoroughly encouraged about achieving the career option in whatever field they aspire.

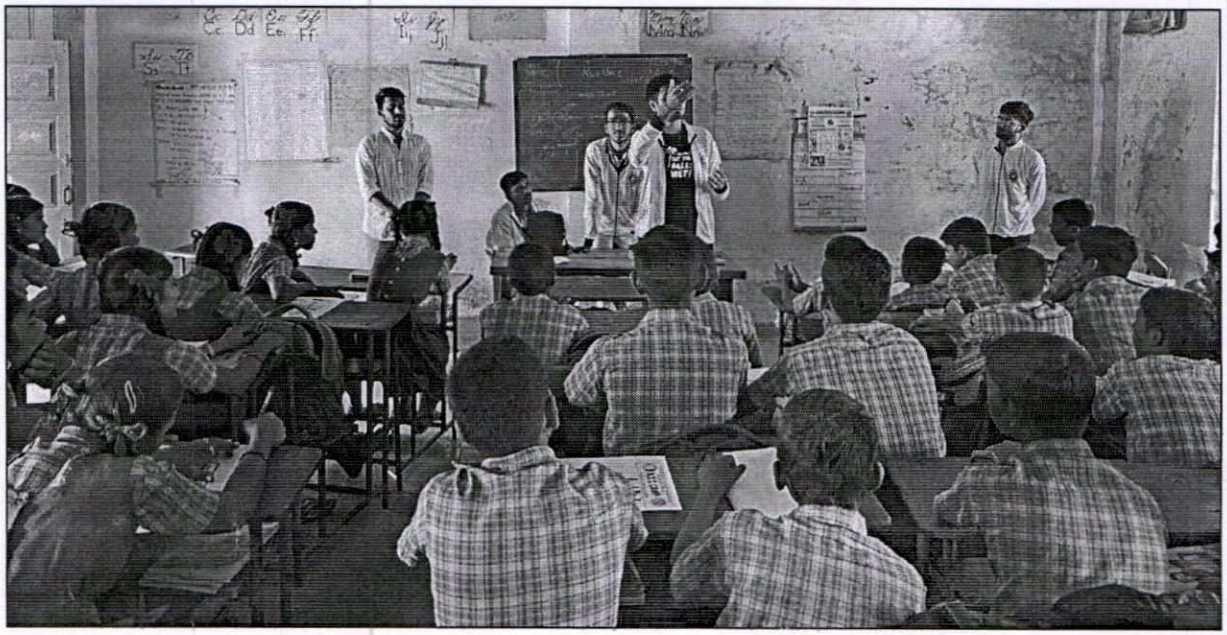
Vocational courses and extracurricular options were also explained with the same excitement.

Thank you.

Dr. Pradip Gulbhile,

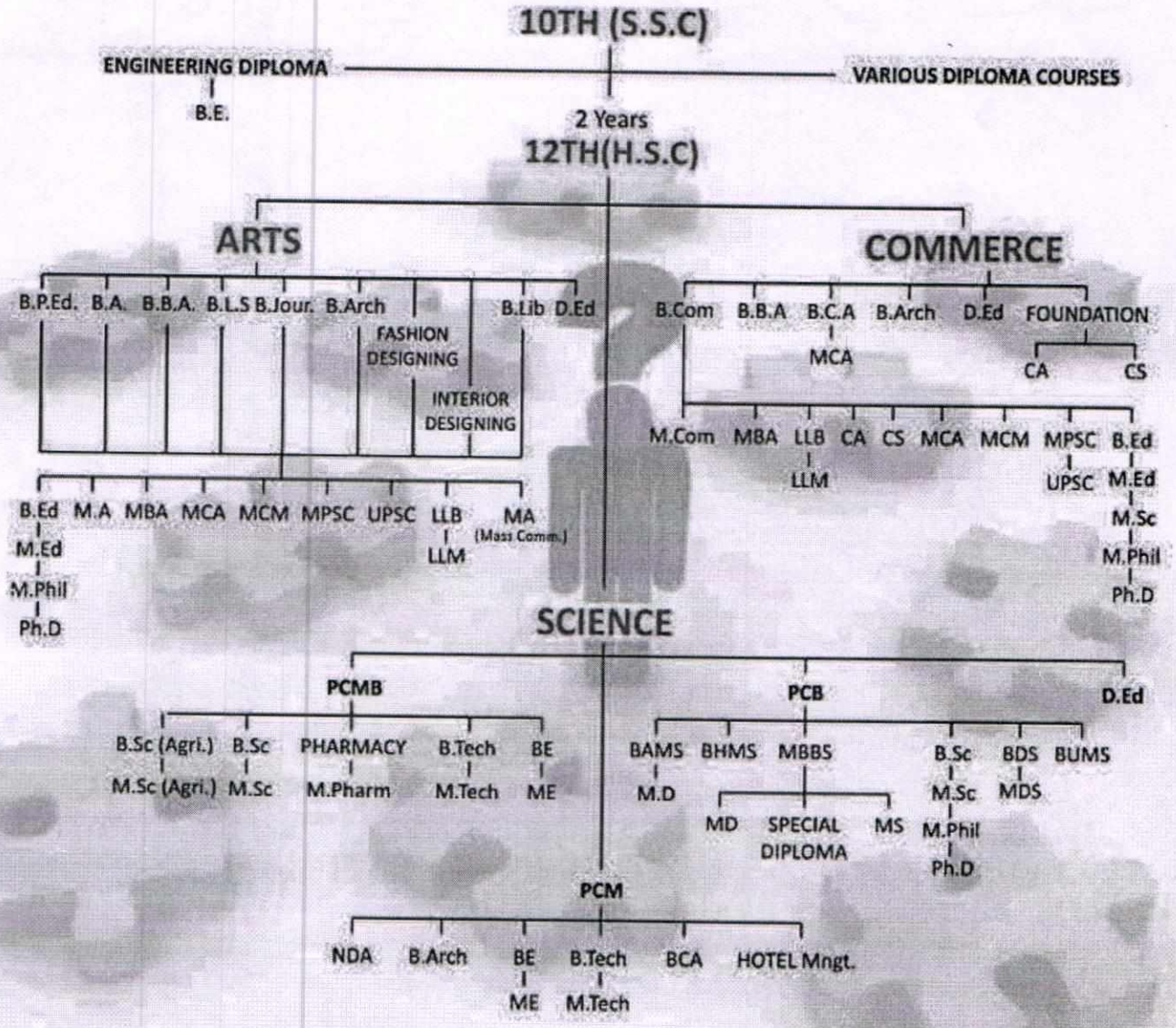
Programme Officer,

NSS




चुकतो तो माणूस आणि चूका सुधारतो तो देवमाणूस !

Career Chart



Vidyavardhini's College of Engineering & Technology
K.T. Marg, Vasai Road (W), Palghar – 401202

N.S.S. Committee (2019-20)

Sr. No	Name	Year
1	Vipul Bhoir	BE
2	Vaibhav Rai	BE
3	Shravan Tawde	BE
4	Aryan Parab	BE
5	Sanjana Tiwari	BE
6	Aniket Jha	BE
7	Prachi Shah	BE
8	Tanzil Irfan Shaikh	BE
9	Roma Dhake	BE
10	Dhrumil Bhatt	BE
11	Rishabh Sharma	BE
12	Sayali Gupta	BE
13	Amey Chaudhari	BE
14	Siddharth Chakravarty	BE
15	Vaishnavi Gaikwad	BE
16	Riya Raut	BE
17	Prem Khanderao	BE
18	Meet Mehta	BE
19	Gargi Betawadkar	BE
20	Umesh Jadhav	BE
21	Abhishek Deshmukh	BE
22	Dhiraj Raut	TE
23	Pratik Jadhav	TE
24	Devbhatt singh	TE
25	Nohal Warang	TE
26	Disha Pote	TE
27	Heramb Botawadkar	TE
28	Sarvesh Shinde	TE
29	Praseeda Prabhu	TE
30	Aditi Rathod	SE
31	Rithesh Shetty	TE
32	Bhavik Mistry	TE
33	Ujjwal Upadhyay	TE
34	Dinesh Ahire	TE
35	Chetan Jawale	TE
36	Rishabh Sharma	SE
37	Ankur Saha	SE
38	Tejas Chonkar	SE
39	Aryan Kore	SE
40	Komal Swain	SE

41		Sanika Patil	SE
42		Yash Doke	SE
43		Bhavesh Gosavi	SE
44		Divya Singh	SE
45		Anushka Supe	SE
46		Jitesh Agnihotri	SE
47		Pawan Patil	SE
48		Sahil Jadhav	SE
49		Anagha Francis	SE
50		Akash Mourya	SE
51		Raul Arya	SE
52		Anushka Jagtap	SE
53		Aditi Shirke	SE
54		Rahul Shah	SE
55		Bhakti Raigawali	SE

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Report On

Communication for the Unspoken

Submitted in partial fulfillment of the requirements of the Mini project in
Semester V of Third Year Computer Engineering

by
Sharvin Dedhia (Roll No. 02)
Pritish Mair (Roll No. 04)
Shantanu Gonaka (Roll No. 28)
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(A.Y. 2021-22)

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CERTIFICATE

This is to certify that the Mini Project entitled " **Communication for Unspoken** " is a bonafide work of **Sharvin Dedhia(02), Pritish Mair(04), Soham Waghmare(78) and Shantanu Gonaka(28)** submitted to the University of Mumbai in partial fulfillment of the requirement for the award of the degree of **"Bachelor of Engineering"** in Semester V of Third Year **"Computer Engineering"** .

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Abstract

Communication for the Unspoken is an interactive-based application. 5% of the entire population on the earth uses sign-language for communication. However this part of humanity is not able to openly speak and interact with the humans that do not know sign-language. This has led to several cases of depression and sidelining for these individuals. Hence it is imperative to bridge this communication gap as early as possible. Our project aims at solving this issue by dynamically including both sides of the language in a single application and allowing for smooth communication between sign-language and english.

Keywords: Communication, Sign Language, Dynamic, prediction.

1.2 Problem Statement & Objectives

- To implement a two way sign language communication.
- Smooth communication between the two sides
- Predict sign displayed by the user
- Show the sign input by the user in visual form

1.3 Scope

The scope of this project is described below:

Creation of Sign language models: This system requires a model that can predict the sign language by the help of a camera source. This requires a small process, firstly we created the training dataset of each alphabet and number sign gestures. Once this was done, the dataset was then trained and the model generated from the training was used for further predictions.

Sign Language to English Language communication: Our system is designed in a way such that it will access the camera of the system and recognize the hand gestures. These hand gestures will be compared with our trained model and a mapped output will be generated which will be given to the user in English text format.

English Language to sign language: This module is specifically designed for creating a two way end-to-end communication between the users which will make our system more usable. Users will be able to type in English text will be mapped with our database and 3D figures corresponding to the hand gestures will be created.

3.5 Experiments and Results for Validation and Verification

Home Screen: This is the display of the initial screen with 3 buttons on the right hand side.

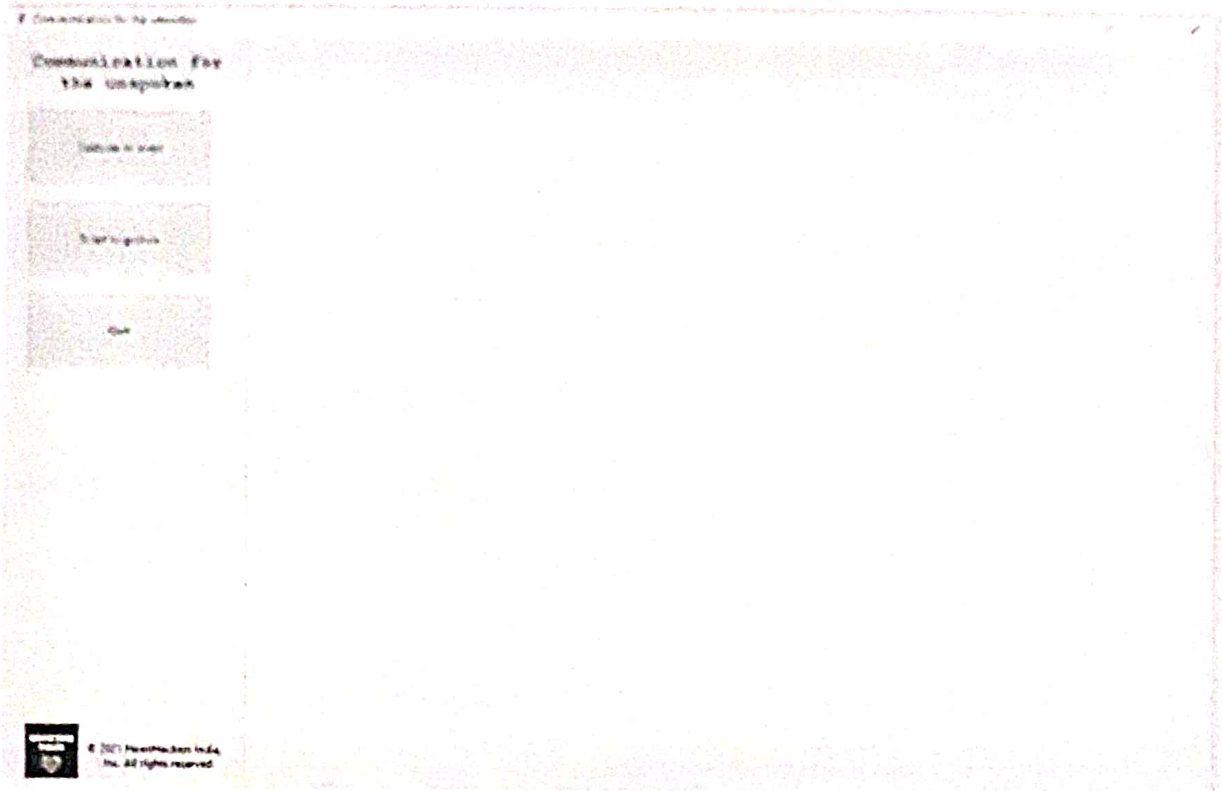

Fig. 3: Home Screen

Gestures to Script Screen: The gestures to script page opens up as the user clicks on the gestures to script button on the right hand side.

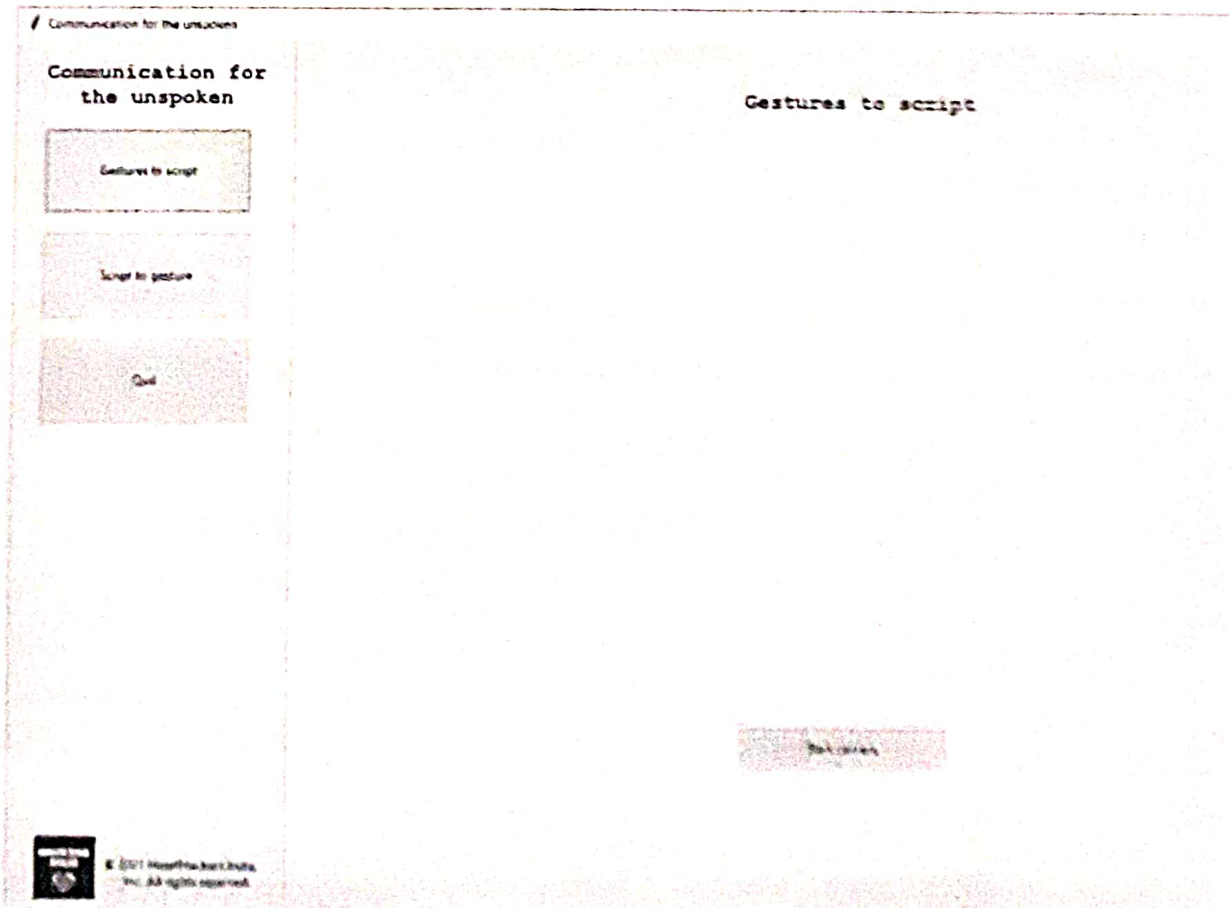

Fig. 4: Gestures to Script screen

Camera turned on: The camera turns on after clicking on the start camera button.

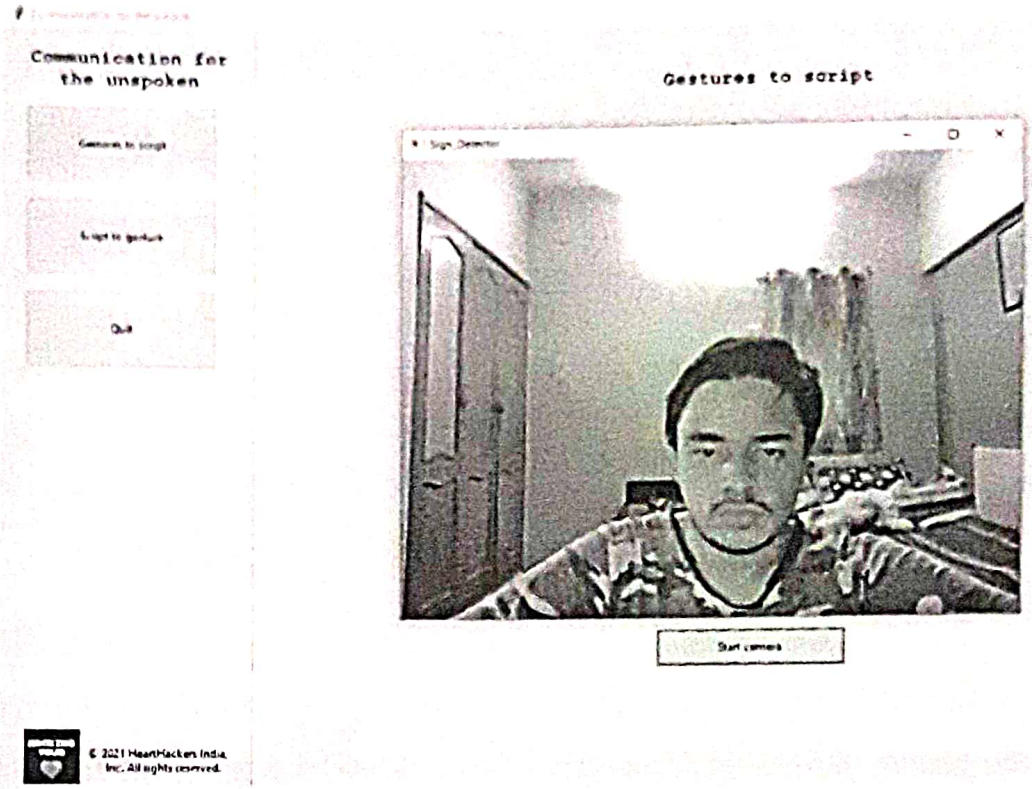

Fig. 5: Camera is turned on

Detected gesture along with the word: The hand is being detected and with the help of keypoints the word is displayed on the left corner of the camera screen.

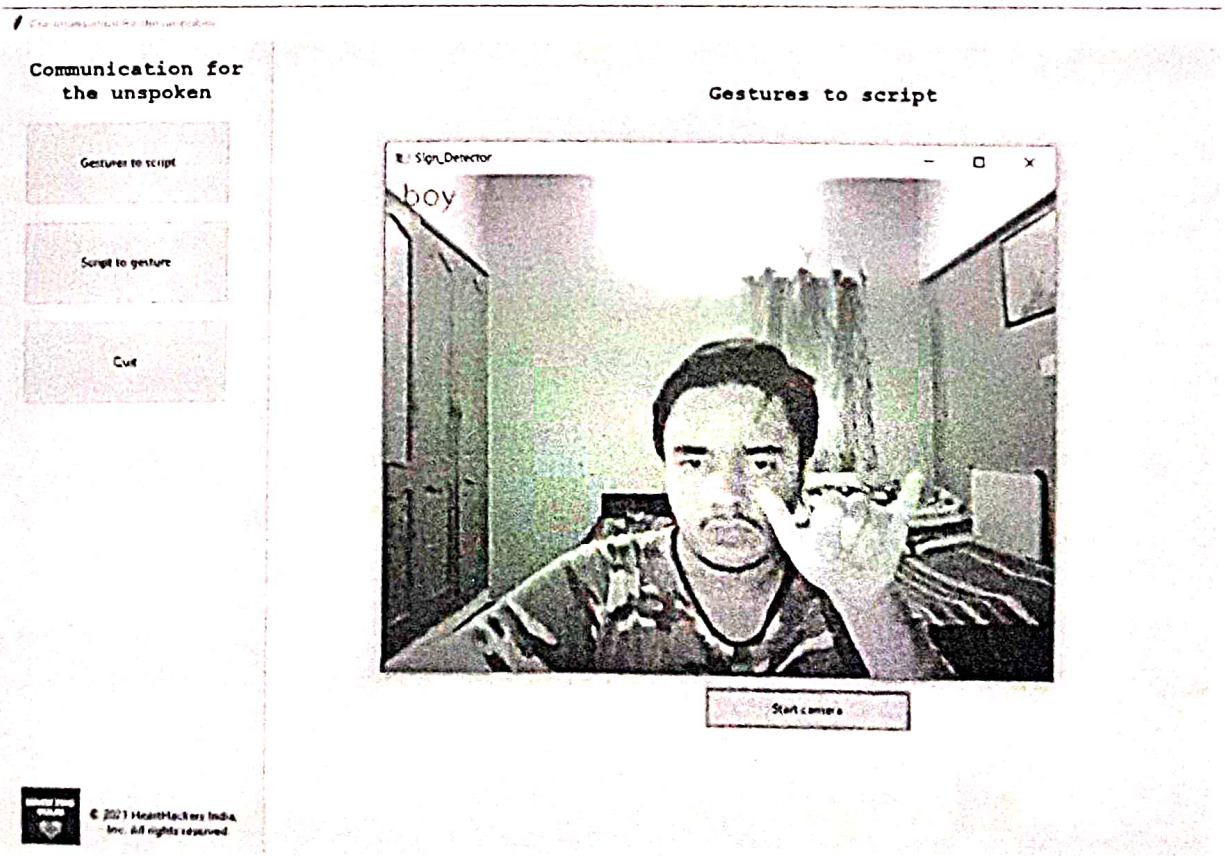

Fig. 6: Gesture detected along with the word

Script to gestures: Home screen of script to gestures function starts on clicking the button.

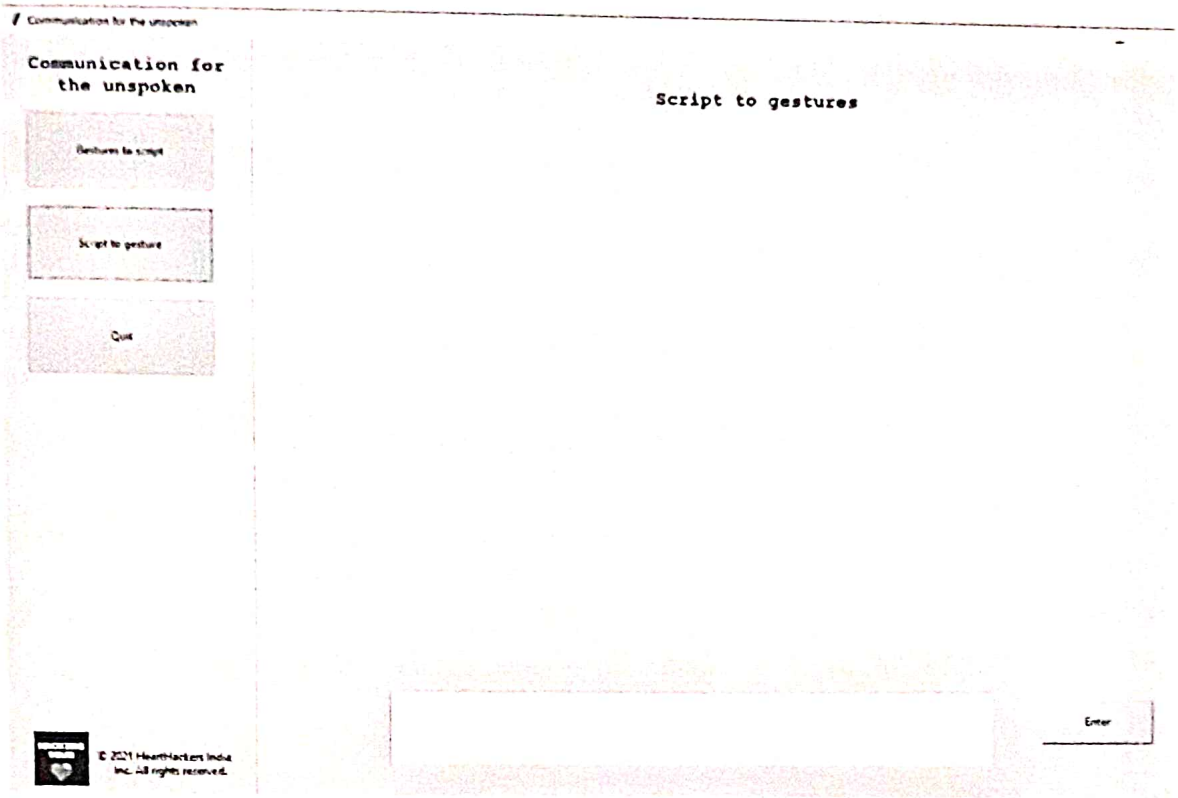

Fig. 7: Script to gesture

Typing the Sentence: The user is prompted to type a sentence in the text box to display its sign conversion.

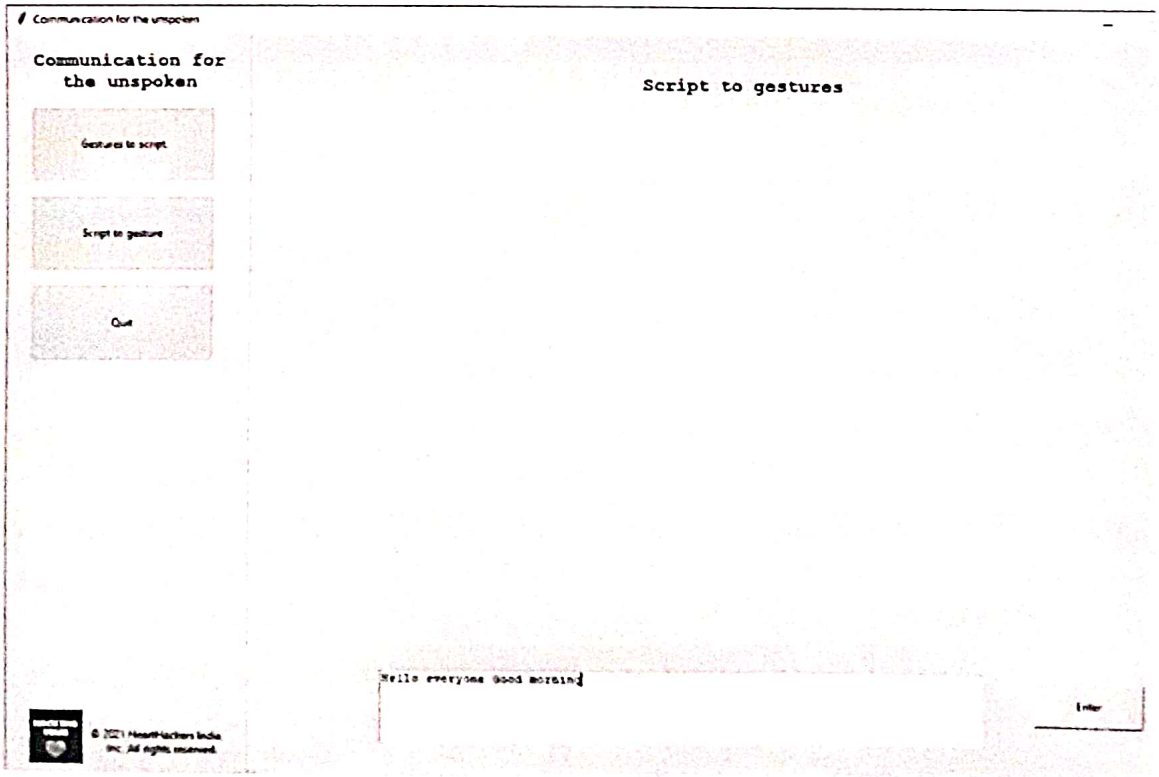

Fig. 8: Typing the sentence into the input box

Letter displayed in the form of gesture: 3d graph figure is plotted on the screen of the individual sign.

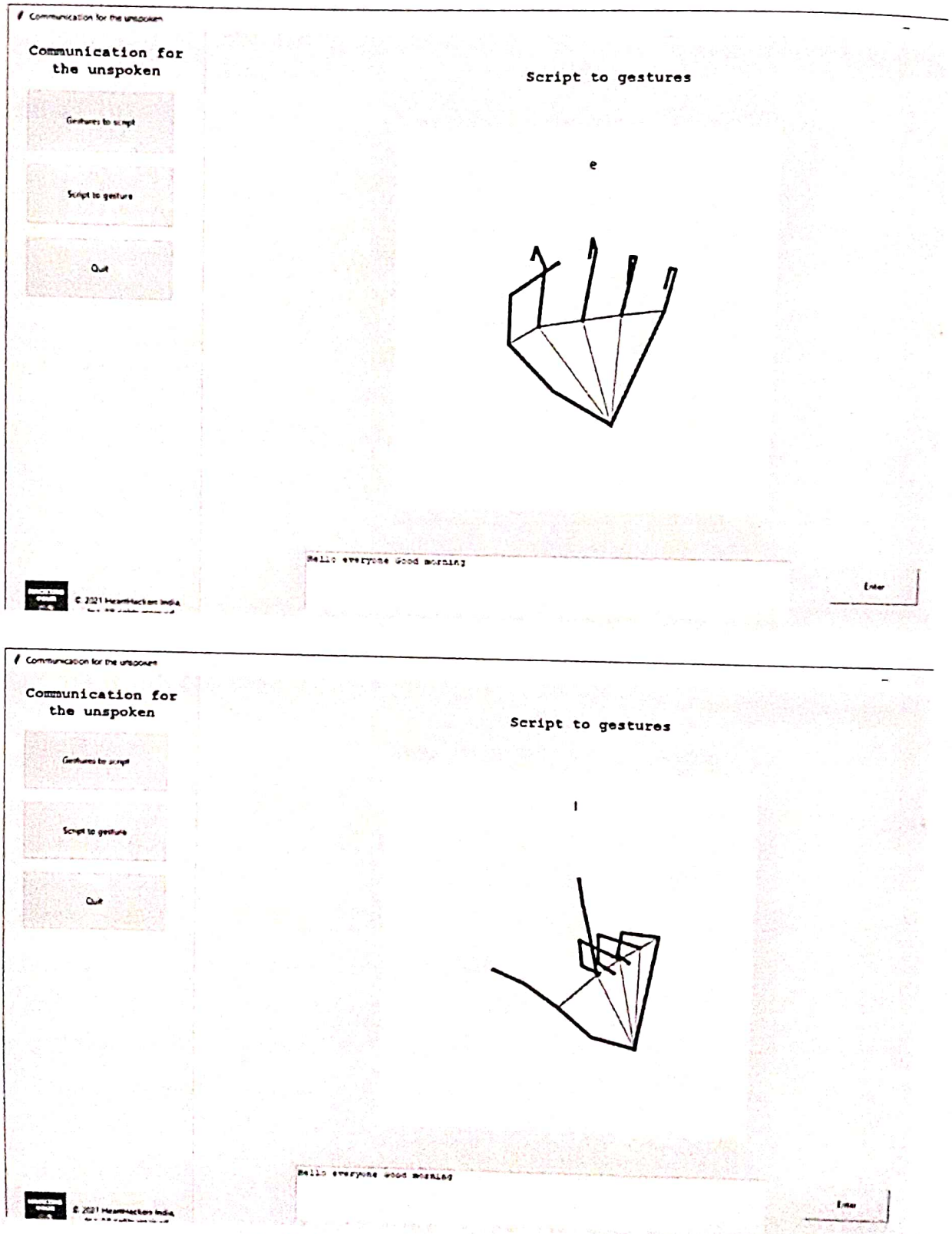

Fig. 9: Letter displayed in the form of gesture

3.6 Analysis

The project is a unique form in itself. There is no other application that has the feature of converting the sign language into the english script. This application has very less response time which any person who is familiar with the sign language will be able to form sentences in less amount of time This project offers minimalistic and user-friendly UI which is a boon for the people who are not familiar with the computer operations.

3.7 Conclusion and Future Work

A Desktop application of Communication for the unspoken is successfully developed. This system requires minimal hardware to access the application. The application offers user friendly activity, less time consumption, highly secured on both sides of users Future work for this project will be the further implementation of this app on web and mobile platforms. This will allow the users to communicate with each other from various places at the same time without any problems. Improving the accuracy of the detectors and adding new gestures to the system will be a major future upgrade

33_Project on Augmented Reality in Education:The Smart Way of Learning

Project Report On

AUGMENTED REALITY IN EDUCATION: THE SMART WAY OF LEARNING

By

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2022-2023

AUGMENTED REALITY IN EDUCATION: THE SMART WAY OF LEARNING

submitted in partial fulfillment for the requirements

of degree of ***Bachelor of Engineering*** *in*

Electronics & Telecommunication Engineering

by

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2022-23

Project Report Approval for Bachelor of Engineering

This project report entitled

AUGMENTED REALITY IN EDUCATION: THE SMART WAY OF LEARNING

by

Smit Kalathiya (16)
Siddhi Raut (36)
Yash Thakkar (47)

*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 : Mrs. Neha Gharat (Nghareb)

Internal Examiner : Mrs. Neha Gharat (Nghareb)

External Examiner : Archana Ingle ( )

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Dr. Harish Vankudre
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Date: _____

Place: _____

Abstract

Augmented reality is usually referred to as AR. It marks a step towards the newest technology, which enables us to interact with virtual objects in the physical world. It is a common and known problem of modern-day students that they have issues concentrating on books or any type of handout that is used to gather information. Some theories written in books are indeed difficult to understand. When we talk about physical education that requires physical presence and the components, this type of training is too costly and it is also difficult for most and requires lots of transport costs. Augmented reality in education can be used for many purposes. Augmented Reality fills the gap between theoretical and practical knowledge. In general, an AR system creates a composite view in real-time that combines a real scenario that the user views with a virtual scene that the computer creates to add more details. Users can interact with items that are not actually part of an augmented world. It has a good impact on the way students learn. The software used in the application is Unity.

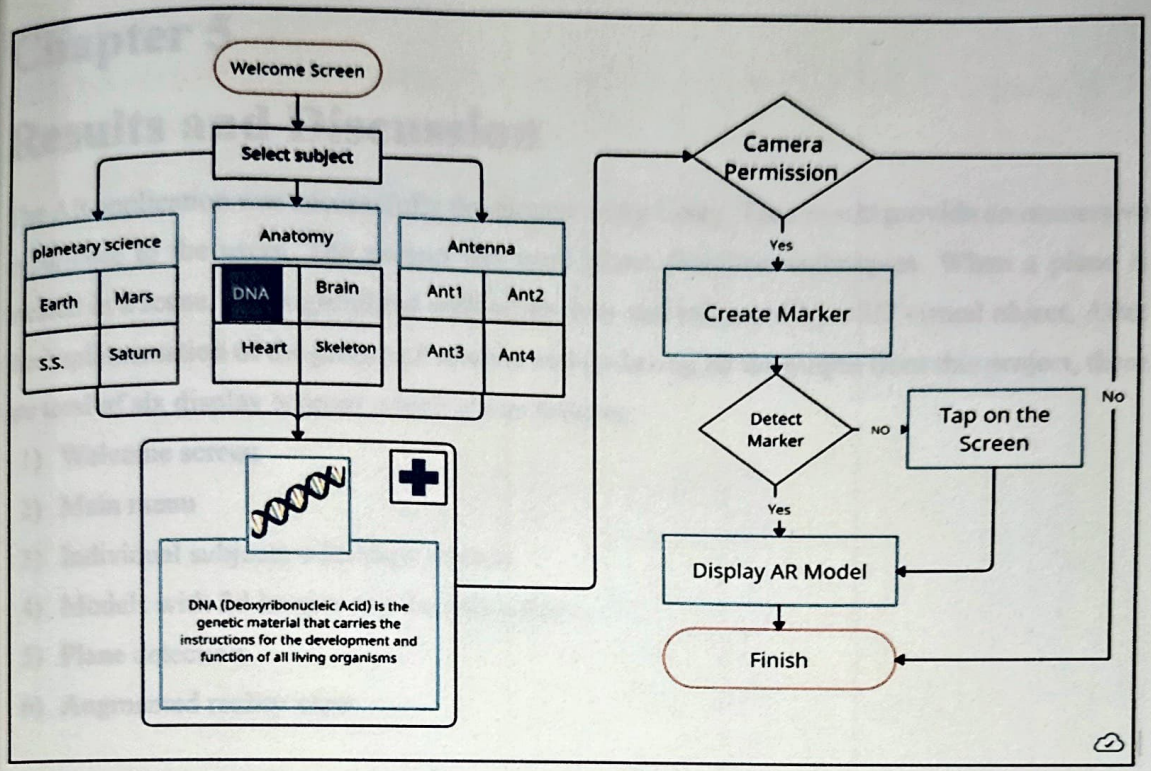

Fig 4.2: Client Application Program Flow

Overall, this Client Application Program Flow outlines a simple but effective process for using an augmented reality-based Android application. The user is presented with a variety of subject and AR model options as seen in Fig 4.2, and can easily navigate between them to find the one that interests them the most. By requesting camera permission and displaying the AR model in the user's environment, the application creates a unique and engaging experience that is sure to captivate and delight its users.

Chapter 5

Results and Discussion

The AR application was successfully developed using Unity. That would provide an immersive experience to the users. The project has used plane detection techniques. When a plane is located in a scene, it is highlighted with white dots and enhanced by a 3D virtual object. After the implementation of the proposed scheme and gathering all the output from this project, there are total of six display screens which are as follows:

1) Welcome screen
2) Main menu
3) Individual subjects with their models
4) Models with 2d images and its description
5) Plane detection
6) Augmented reality view

5.1 Welcome Screen

When the application starts, first there will be the logo of Unity then the name of the application "Xpand Reality" will be there with the button "let's begin" as shown in Fig. 5.1. After clicking on the "Let's begin" button the main menu page will be displayed.

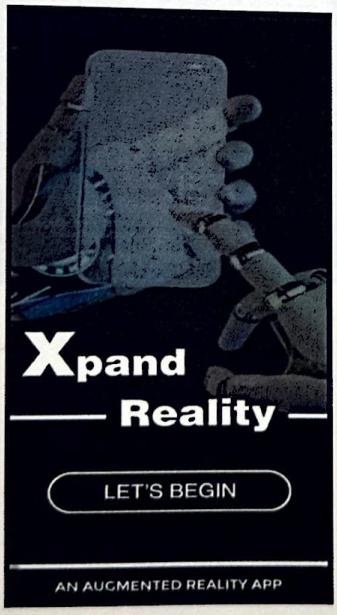

Fig. 5.1: Welcome screen

5.2 Main Menu

Fig.5.2 shows the main menu screen. In the main menu screen there will be the name of the application "Xpand Reality" and there will be different tabs for the subjects. Currently, there are 4 subjects in this project. So, there are 4 different subjects on the tabs namely Planetary Science, Anatomy, Antenna, and Engine. By clicking any of the tabs the subject name will be displayed with its models here in this project by default planetary science will display its 4 models on the main menu page.

Fig.5.2: Main menu

5.3 Individual Subjects and Their Models

The Fig 5.3 Individual subjects with their models displays all 4 subjects present in the application.

The first subject is planetary science in that four models are their solar system, Earth, Mars, and Saturn. The second subject is Anatomy in that four models are their DNA, skeleton, Brain, and Heart. The third subject is the Antenna in that four models are their Reflector Antenna, broadband Antenna, Space Station, and Artificial Satellite. The fourth subject is Engine in that Three models are their car engine, Nostalgia motor, and v8 engine. All the models will be displayed with their 2D image and the name of the model.

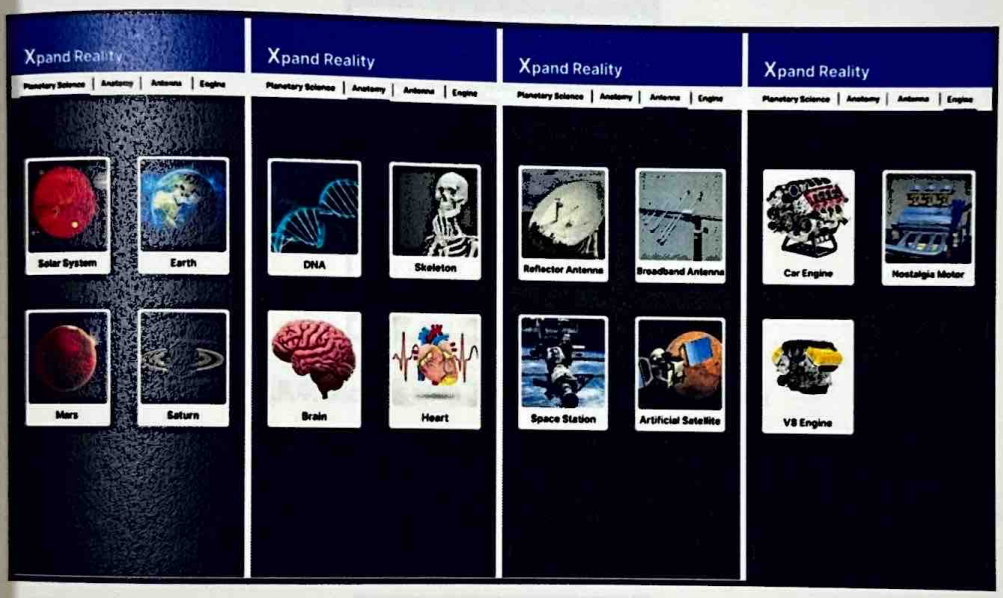

Fig.5.3: Individual subjects with their models

5.4 Models With 2D Image and Its Description

Fig.5.4 shows the Models with 2D image and its description. After clicking on the individual models, there will be a model's name with its 2D image with its description will be shown on that page. There is one augmented reality logo button placed so clicking on that button will go to the AR view page.

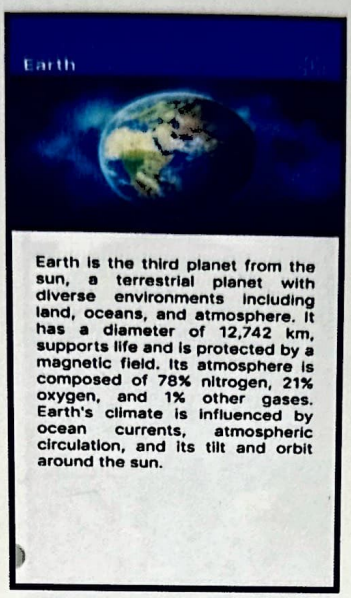

Fig.5.4: Models with 2D image and its description

5.5 Plane detection

Fig.5.5 shows the Plane detection. Firstly, the user needs to permit to access the camera and after permission is given tracking process will start and it will track with tracking points.

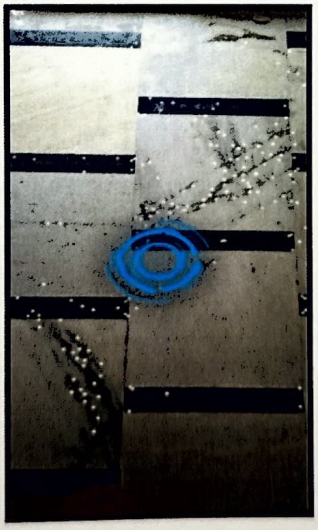

Fig.5.5: Plane detection

5.6 Augmented Reality View

Fig.5.6 shows the Augmented reality View Once the points are tracked then it will show the augmented reality view of the model which the user has selected. clicking on that model will perform the zoom-in or zoom-out function.

Fig.5.6: Augmented reality View

Chapter 6

Conclusion & Future Work

As a result of this Augmented reality technology, students can visualize complex concepts and theories in a more interactive and engaging way. The 3D AR models can be viewed from different angles and manipulated to better understand the subject matter. The use of Unity for creating the 3D models and integrating them with AR technology was a smart choice, as it allowed for seamless development and deployment of the app. This AR-based education app has the potential to transform the way students learn and engage with educational content. It provides a new and exciting way for students to interact with subjects that were previously considered difficult or boring, and it could play a significant role in improving educational outcomes.

The application could be expanded to include more subjects and levels of education, helpful to a broader range of learners. This would make it more useful and versatile. The application could be integrated with existing curriculums in educational institutions. Also, Teachers can create their subject topics with augmented 3D models and smartly explain them to their students. AR provides teachers with a new tool to enhance their teaching methods.

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