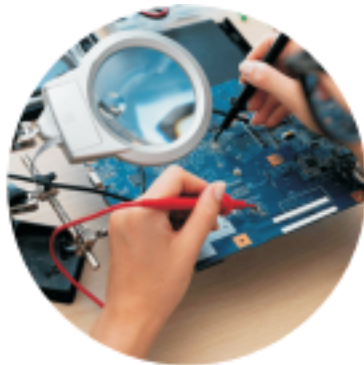


VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

K. T. Marg, Vasai Road (West),
Dist. Palghar - 401202, Maharashtra.



College Brochure 2025-26



UG PROGRAMS

Computer Engineering
Computer Science & Engineering (Data
Science) Information Technology
Artificial Intelligence & Data Science
Electronics & Telecommunication
Engineering Mechanical Engineering
Civil Engineering

PG PROGRAMS

M.E. Civil (Structural Engineering)

M.E. Computer Engineering
Master of Management Studies (MMS)
VIDYAVARDHINI'S TRUST

FOUNDING PATRONS



**Late Padmashri H. G.
Vartak Alias
Bhausahab Vartak**

Founder President of Vidyavardhini



**Late Smt. Tarabai
Vartak** Former President of
Vidyavardhini



**Late Shri. Prataprai G.
Khokhani** Former President of
Vidyavardhini

VISIONARY MANAGEMENT



Shri Vikas Vartak **Shri Pandurang Naik** **Shri Shantaram Jadhav** President
Vice President Vice President



**Shri M. N. Mohol
alias Bhausahab
Mohol**

Shri Hasmukhbhai

Secretary

**VIDYAVARDHINI'S COLLEGE
OF
ENGINEERING &
TECHNOLOGY**

Vidyavardhini means a body committed to enhancement of knowledge. Vidyavardhini was established as a registered society in 1970 by late Padmashri H. G. alias Bhausaheb Vartak for the noble cause of education in rural areas. Vidyavardhini's College of Engineering and Technology (VCET), Vasai is located on the sprawling campus of Vidyavardhini, spread over an area of 12.27 acres. It is a, two-minute walking distance from Vasai Road (W) Railway Station and S.T. Bus Stand.

Vidyavardhini Society received approval from AICTE to start the new college of Engineering & Technology with effect from July, 1994. The college is affiliated to the University of Mumbai for the four-year degree program leading to the degree of Bachelor of Engineering. VCET is NAAC and NBA Accredited.

To be a premier institution of technical education, always aiming and becoming a valuable resource for in-dustry and society.

To provide technologically inspiring environment for learning.

m

To promote creativity, innovation and professional activities.

m

To inculcate ethical and moral values.

m

To cater personal, professional and societal needs through quality education.

m

VCET runs (ten) Courses with sanctioned intake as given below:

03 04 05 06	Information Technology	1999 0319424510 180 153 27
	Civil Engineering	1999 0319424610 60 51 09
07	Computer Science & Engineering (Data Science)	2013 0319419110 60 57 03
Electronics & Telecommunication Engineering	Artificial Intelligence & Data Science	2020 0319491210 180 153 27
Computer Engineering		2020 03194995101 120 96 24
	1994 0319437210 60 54 06	

POST GRADUATE PROGRAM (ME)

01	M.E. Civil (Structural Engineering)	2022 0319421210 24 24 00
02	Engineering	MMS
M.E. Computer	2025 0319424510 24 24 00	
	MMS / MBA	
01	2023 0319410210 120 00 120	

VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY



Eligibility for admission will be as specified in the Information Brochure published by CET Cell. More details visit website: <https://cetcell.mahacet.org/>

Institute Level Seats :

All the rules given in the State Common Entrance Test Cell Information Brochure and website <http://cetcell.mahacet.org/> are applicable for above said admissions except those specifically mentioned below.

A. Branch wise Seat allocated at Institute Level Admission : -

m

For filing the Institute Level Seats, an advertisement with schedule will be given in the newspapers Like: 1) Indian Express & Loksatta 2) Narvir Chimaji Daily 3) Lokmat

m

The application forms for admission to the Institute level seats are different from those for the seats allotted under CAP. For Online registration for Institute Level Admission and uploading of required documents click on college website www.vcet.edu.in

m

The following original documents are required to be submitted by the candidates at the times of seeking UG / PG admission:

1. S.S.C & H.S.C. / Diploma* / Degree* Marksheet
2. CET 2025* / JEE (Main) 2025*/GATE* 2025 Score Card
3. H.S.C.* / Degree* Leaving Certificate
4. Eligibility Certificate, if necessary
5. Certificate of Indian Nationality (if not mentioned in Leaving Certificate)
6. Copy of Receipt cum Acknowledgement from Scrutiny Centre

7. Domicile Certificate (if birthplace is out of Maharashtra)

The fee for the year 2025-26 is prescribed by Fees Regulations Authority (FRA). The details of the fee to be paid by the candidates for Centralized Admission Procedure (CAP) & Seat to be filled against CAP Vacancy (ACAP) if available, is as indicated below.

	TOTAL	48684.00	6816.00
Tuition Fee		119297.00	16703.00
Development Fee	826.00	359.00	
Amartya Shiksha Yojana & Stud.			500.00
Accident Insurance Policy +	500.00		0.00
University Yuva Raksha Yojana	0.00		56359.00
Caution Money (Refundable)	137326.00		
Other			

ivadyaaqal-jalvanaÀApGa at ivamaa yaaojanaa

As per University Circular “3/2024” scheme for students “ ” is applicable from A.Y. 2025-26.

VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY



* Institute Level Fee Structure

Particular	University	238594	826	273326	137326	137326
Tuition Fees	Yuva Raksha Yojana	33406		Amount	Amount	Amount
College	Caution	826	500	119297	119297	119297
Development	Money		826	16703	16703	16703
Fees	(Refundable)	500	273326			
	TOTAL		Amount			826
Amartya		273326	500	238594		
Shiksha		Amount	273326	33406		
Yojana &		238594	Amount	826	826	500
Student		33406	238594			137326
Accident						
Insurance						
Policy +	Amount	33406	500	500	500	

The Candidate shall apply online for cancellation and submit duly signed copy of system generated application for cancellation of admission to the Institution. Once the candidate submits online request for cancellation, his admission shall be treated as cancelled. Upon such cancellation, the candidate

shall lose the claim on the seat and such seat shall become available for further allotment.

The refund of fees will be governed by CET Cell guidelines published in Information Brochure. More Details [m](#)

visit website: <https://cetcell.mahacet.org/>

Maharashtra Prohibition of Ragging Act 1999 which is in effect from 15th May 1999 has the following provisions for Action against “Ragging”:

- a) Ragging within or outside of any educational institution is strictly prohibited.
- b) Whosoever directly or indirectly commits, participates in, abets, or propagates ragging within or outside any educational institution shall, on conviction, be punished with imprisonment for a term up to 2 years and/or penalty which may extend to ten thousand rupees.
- c) Any student convicted of an offence of ragging shall be dismissed from the educational institution and such student shall not be admitted in any other educational institution for a period of five years from the date of order of such dismissal.

Dr. Rakesh Himte (Chairman)

Mrs. C. V. Sonarkar (Member)

Mr. Sainath Patil (Member)

Mrs. Kanchan Sarmalkar

Local Police Officer (Member)

(Member) Mr. Abhay Jadhav

Mr. Sanjeev Vedpathak

(Member)

(Member)

VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY



Department of Computer Engineering

The Department of Computer Engineering was established in the year 1999. The Department offers an undergraduate program in Computer Engineering with a current intake of 180 seats. The Department was accredited by the National Board of Accreditation (NBA) from 2012-2015, reaccruited in July 2025, and is permanently affiliated with the University of Mumbai. The Department is committed to fostering excellence in education, research, and industry collaboration, ensuring that our graduates are not only technically proficient but also socially responsible global citizens.

Vision :

To evolve as a centre of excellence in the field of needs.

Mission

Computer Engineering to cater the industrial & societal

:

m

To provide quality technical education with the aid of modern resources

m

To inculcate creative thinking through innovative ideas and project development

m

To encourage life-long learning, leadership skills, entrepreneur skills with ethical & moral values

Program educational Objectives :

m

To facilitate learners with a sound foundation in the mathematical, scientific and engineering fundamentals to accomplish professional excellence and succeed in higher studies in Computer Engineering domain. m

To enable learners to use modern tools effectively to solve real-life problems in the field of Computer Engineering.

m

To inculcate professional and ethical attitude, leadership qualities, commitment to societal responsibilities and prepare the learners for life-long learning to build up a successful career in Computer Engineering m

To equip learners with extensive education necessary to understand the impact of computer technology in a global and social context.

Program Specific Outcomes :

m

Analyze problems and design applications of database, networking, security, web technology, cloud computing, machine learning using mathematical skills, and computational tools.

m

Develop computer-based systems to provide solutions for organizational, societal problems by working in multidisciplinary teams and pursue a career in the IT industry.

Infrastructure: State-of-art laboratories with high-end pcs.

IT Infrastructure :

HPE ProLiant DL380 Gen10 8LFF 2U Rack Server HP DESKTOP 600G- i5 /4 GB NVIDIA GPU : 25

m

m

HP DESKTOP 600G- i5 : 100 Internet Lease line : 1.4 Gbps

m

faculty m

Faculty Information :

m

24 well qualified and experienced

7 faculty members with PhD degree, 4 pursuing PhD

m

Industry Connect Activities :

Student Development Programs Guest Lectures

m

m

Memorandum of Understanding (MoU) Industry Visits

m

m

Internships Industry collaborated projects

m

m





Research Publications and MoUs :

Journal and Conference Publications: 200+ Books and Chapters: 50+

m m

Patents and Copyrights: 100+ MoUs: 10+

m m

Professional Society/Chapters and Students clubs :

Computer Society of India CodeChef Chapter BitByteGo

m m

Android Development Club WebX MetaClub

m Newsletter and Magazine :

Microsoft Learn Students Club m

m

Department Newsletter, e-Magazine, and wall-magazine published every semester/year

Industry Collaboration projects undertaken :

BEST, Mumbai IXL Center Inc., Boston (Mumbai Branch)

m m

3iology Delightful Digital solutions Reliance Infrastructure Ltd., Mumbai

m m

Software AG, Mumbai Persistent System Ltd., Mumbai

m m

Intel Corporation, Poland Digital Dojo OPC Pvt. Ltd., Mumbai

m m

HKI Infotech, Vasai Autospring Pvt. Ltd., Thane

m m

Chetan Dryfruits, Vasai Techcyrptors, Mumbai

m m

Fudiciary Capital, Mumbai Spares Fusion, Mumbai

m m

Major Achievements by our students :

Third prize in AeroGCS Global Competition at

m

Winner at Ingenious-Project Competition

Sandip University, Nashik

at

Winner of Tech-A-Thon at MCC College Mulund

m

m

First prize in Bizzquiz at St. Francis College of

m

Viva College, Virar

Management, Mumbai

Winner of Megahack 5.0 Hackathon at

Winner in District Level Competition at

m

m

St. Jhon College, Palghar

Maharashtra State Innovation Challenge.

Runner-up at Tech Summit, NIT Agartala

1st prize in Chess at SPCE, Mumbai

m

m

HACKATHON winner at K.J. Somaiya College

Winner of Bot Combat League at SPIT,

m

Winner of AVISHKAR-2024 at SCOE,

Andheri m

m

Navi Mumbai

Impact :

Runner-up in VEGA 2024 Hackathon at

m

m

Shah & Anchor Kutchhi Engineering College

m

Finalist at SIH 2023, Poornima University,

Winner of Coderverse 2.0 Hackathon at

Jaipur

Bhausahab Vartak Polytechnic

m

Runner-up at IMAGINE Hackathon at
PIWOT (IIT Alumni Group)

m

ICPC Asia Regional Finalist

m

Runner-up in Ace of Hacks- Hackathon
at A C Patil College, Kharghar

m

First Prize in HACKANOVA 3.0. at TSEC,
Mumbai m

Gold Medallist in Rope Skipping, at
Krida Mahakumbh, Mumbai

m

Runner-up in Robomaze at SJCE,
Palghar m

Gold medalist for team championship, silver
for overall individual championship and bronze
for individual pole Mallakhamb championship in
Khelo India youth games in Trichy, Tamilnadu m

1st prize in Carrom at JES College of
Commerce Science and IT, Mumbai

m

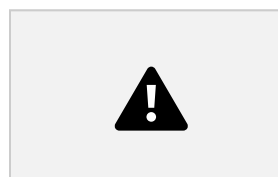
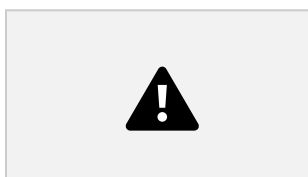
Runner-up in LogiTHON 2024 at
Datta Meghe College of Engineering, Airoli

m

Finalist in SIH 2018 at Amrita University

Over the years, our graduates have made significant contributions to the field of computer engineering, leading groundbreaking research initiatives, founding successful startups, and driving innovation across various industries. Whether it's developing cutting-edge algorithms, designing efficient hardware systems, or leveraging technology for social good, our alumni are making a difference around the globe.

VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY



Department of Computer Science and Engineering (Data Science)

VCET is a renowned institution known for its dedication to academic excellence. In the academic year 2020-21, the Department of Computer Science and Engineering (Data Science) was established with an initial intake of 60 students. Since then, the department has seen a steady growth in capacity, now accommodating up to 180 seats as of 2023-24. With a focus on cultivating a dynamic and inclusive learning environment, the Department of Computer Science and Engineering (Data Science) provides students with the knowledge, skills, and practical experience necessary to excel in the continually evolving field of Data Science.

To be a front-runner in future tech and data-driven innovation through an interdisciplinary excellence in Computer Science and Engineering with a focus on Data science.

m

To provide an environment for learning data science, fostering expertise and
innovation. m

To promote interdisciplinary innovations in emerging data technologies.

m

To foster quality education, ethical values, meeting personal, professional and societal needs on holistic level.

Why CSE-DS ?

m

Integrated Curriculum - Blends computer science and data science modules for a comprehensive experience.

m

Versatility for Future Roles - Enables diverse roles, from software development to data-driven decision making.

m

Career Opportunities- Expands career paths in high-demand areas such as data analysis, ML and AI. m

CSE(DS) Computer Science and Engineering (Data Science) - Data science entails exploring data with the goal to uncover valuable insights, across various domains like healthcare, finance, marketing, research, and business operations. Drawing from mathematics, statistics, artificial intelligence and computer engineering, data science aims to analyze large datasets and derive valuable insights applicable across various contexts.

Infrastructure :

m

Labs: AIML, Data Analytics and Deep Learning Labs

m

CRT & AMCAT for enhancing placement opportunities.

m

Classrooms- Classrooms with A/C and Projector facilities

Department Highlights :

m

No. of PhD - 3 Faculties are pursuing PhD.

m

Average Experience - Faculty members, averaging over 10 years of teaching, offer expertise in Data Analytics, AIML, and other domains.

m

Scholarly Publications - One patent has published in dec 2023, 2 books published in techno publications, 9 paper published in international journals like IEEE, SIRJANA Journal, ICSTEMSD, ICATIA in 2024 m

Code-o-Fiesta Hackathon- An event designed to foster creativity and problem-solving in the realm of technology, organized by CSE(DS).

m

Product Vidya Product Showcase- A showcase of innovation by CSE(DS). Witness the ingenuity of students as they unveil their creative projects.

VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY



Professional Societies :

Computer Society of India (CSI)- Professional association aimed at advancing the field of computer

science through networking, knowledge sharing, and skill development.

German Club- Educational organization for promoting E German language and culture, fostering cross

cultural understanding and language proficiency.

IEEE Organization- Prestigious global organization dedicated to advancing technology.

Oracle- Centre of Excellence.

Industry Connect Activities :

Student Development Programs on 'Awareness of AI Tools'

Memorandum of Understanding (MoU)

100+ Students Internships

Guest Lectures on Advanced AI topics

Industry Visits in various IT companies

Industrial projects

Newsletter :

Department Newsletter 'DataCite' published every semester/year

Student Achievements :

1st Position in the 'TechVision 2024-Paper Presentation Competition' under National Student Conference

on Emerging Trends and Technology (NSC-ETT) organized by Thakur College of Engineering and Technology held on 4th October 2024.

1st Runner Up position in the 'PROJECT and PRODUCT Exhibition' organised by Computer Society of

India of Atharva College of Engineering held on 12th August 2024.

15+ Students published papers in International Conferences like IEEE, SIRIANA Journal, ICSTEMSD,

IERIA.

Runner-up in 'Shabdankan- Essay Writing Competition' organized by EBSB-VCET held on 30th Septem

ber 2024.

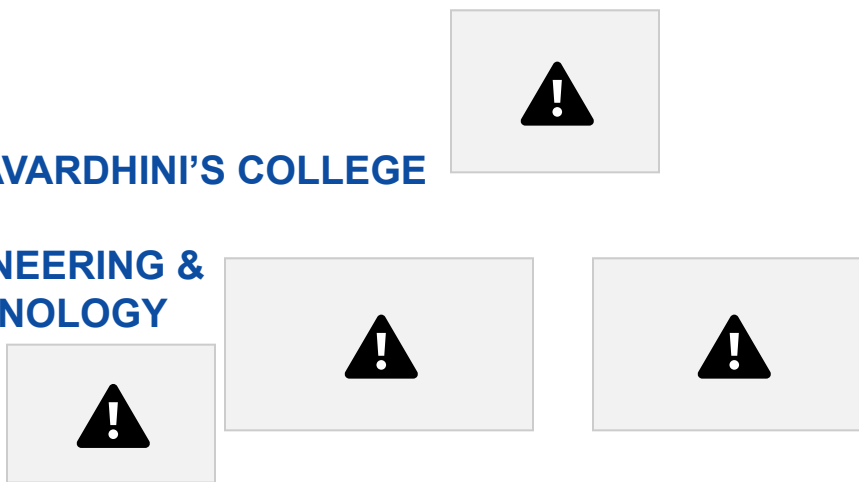
First Runner up in Hackathon organized by RJIT, Mumbai

15+ Students published papers in International Conferences like IEEE, SIRIANA Journal, ICSTEMSD,

IERIA.

18+ students placed in different IT companies like TCS, FeedSpot.

VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY



Department of Information Technology

The Department of Information Technology was established in the year 2000. The Department is accredited by National Board of Accreditation (NBA) from July 2022 to June 2025 and is affiliated to University of Mumbai. The Department aims at developing technical and experimental skills in students along with logical thinking so as to prepare them for competent, responsible and rewarding careers in IT profession. We strive to achieve the aim with young, dynamic and highly qualified faculty members, state of art infrastructure and Industry-Institution Interaction. The department has laboratories which are well equipped with latest configuration machines, high speed internet, Wi-Fi and legal licensed software. Modern aids such as LCD, Educational CDs make classroom teaching more interesting.

We encourage extra-curricular activities as they help in developing the student's personality which ultimately enhances the future. It is our constant endeavor to shape personalities who will contribute positively to the world around them.

To foster and maintain excellence by orienting the captivating minds of the aspiring engineers towards IT driven technological solutions for the benefits of the society.

m

To provide quality education, by employing best and diversified teaching practices and tools, and teaching beyond the confines of the university syllabus.

m

To keep students abreast with latest technological advancements in the market.

m

To prepare students to troubleshoot and solve IT system problems.

Why Information Technology?

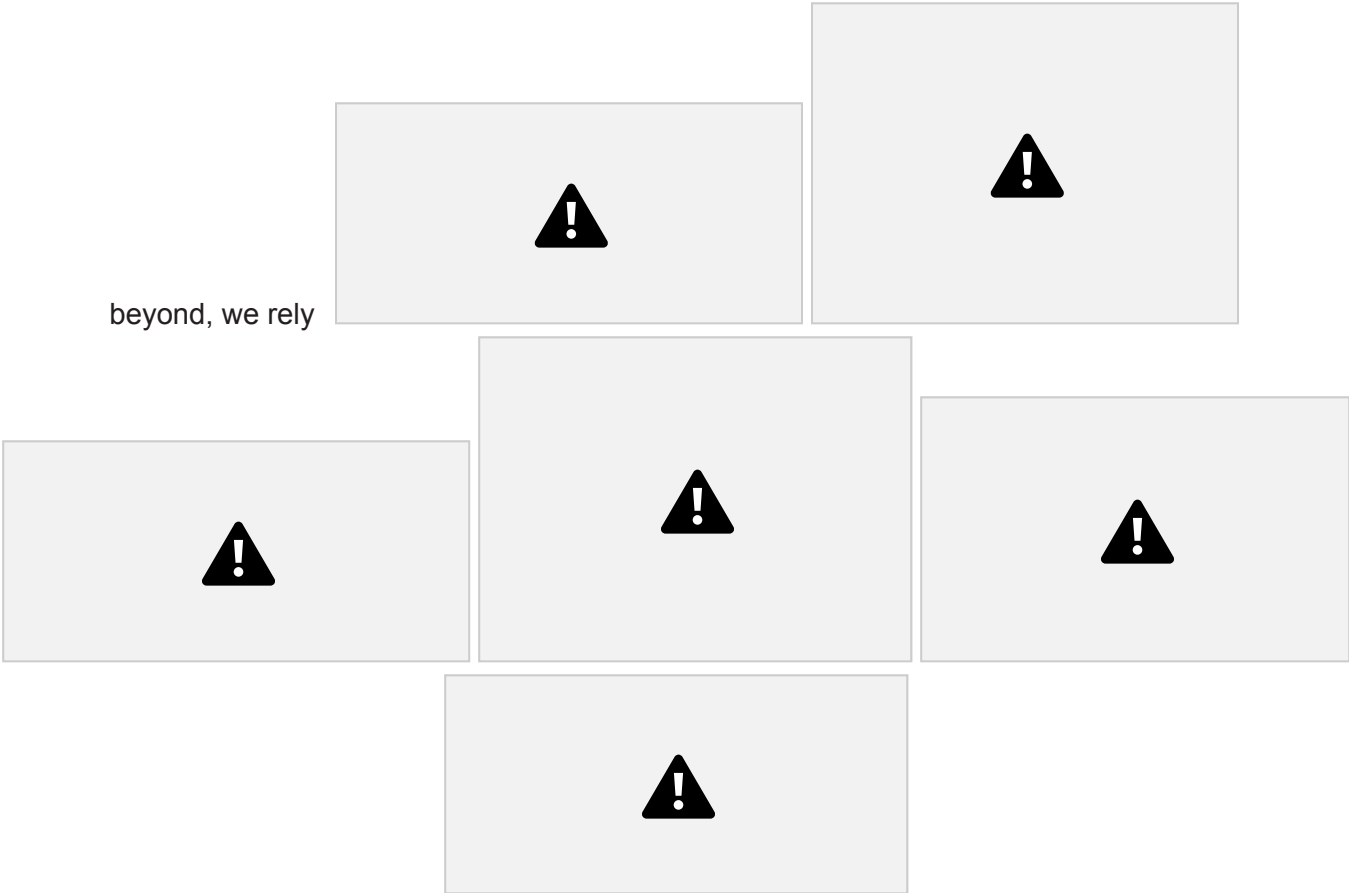
m

Information technology plays a prominent role in business and provides a foundation for much of our current workforce. From communications to data management and operational efficiency, IT supports many business functions and helps drive productivity.

m

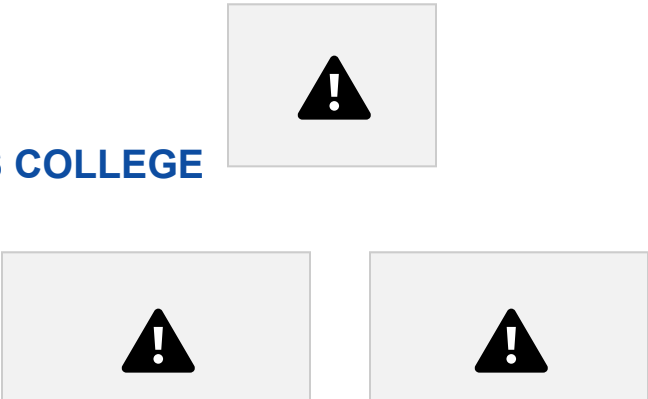
From a career perspective, information technology is largely responsible for much of our business operations and spans nearly every industry. From healthcare to food services, manufacturing to sales, and

beyond, we rely



on IT to help connect us to others, store and manage information and create more efficient processes. [Infrastructure](#) :

VIDYAVARDHINI'S COLLEGE
OF
ENGINEERING &
TECHNOLOGY





Department Highlights :

Department has four Ph D faculty members, and five faculty members are pursuing.

m

Experienced faculty with an average experience of over 10 years.

m

Faculty members have published research papers, books, and copyrights, highlighting innovative

m

contributions to technology and society

Professional society CSI- Computer Society of India

m

ITECH is the Departmental magazine & newsletter committee, the articles of ITECH are published on the

m

VCET Website.



Department has 10 active MOUs with industries and institution. This helps our students to get practical

m

exposure, internships, industry-based project, and placement.

Students Achievements :

Smart India Hackathon Winner Hackathon Winners

Face-off Winner



Elixir Winner

Coherence Winners



**VIDYAVARDHINI'S COLLEGE
OF
ENGINEERING &
TECHNOLOGY**



Department of Artificial Intelligence and Data Science

The Department of Artificial Intelligence and Data Science at VCET, established in 2020 with an initial intake of 30 undergraduate students, expanded to 60 seats in the 2021-22 and 120 seats in 2025-26 academic year due to heightened interest. Department is dedicated to fostering excellence in education, advancing research, and enhancing industry partnerships. We aim to nurture visionary

individuals by equipping students with the necessary skills to excel in the dynamic fields of AI and Data Science. Through a cutting-edge curriculum and hands-on experience, our graduates emerge as technically proficient and socially responsible global citizens, poised to lead the way in innovation and technological advancement.

To foster proficient artificial intelligence and data science professionals, making remarkable contributions to industry and society.

To encourage innovation and creativity with rational thinking for solving the challenges in emerging areas.

To inculcate standard industrial practices and security norms while dealing with Data.

To develop sustainable Artificial Intelligence systems for the benefit of various sectors.

Program Specific Outcomes :

Analyze the current trends in the field of Artificial Intelligence & Data Science and contribute to the technological advancements by presenting / publishing at national / international forums.

Design and develop Artificial Intelligence & Data Science applications and solutions in various domains to cater to the needs of industry and society.

with high-end PCs

Infrastructure :

State-of-art laboratories

IT Infrastructure :

HP 400 G9 Desktop i5: 60, HP 280 G5 Desktop i5: 20 Internet Lease line : 1.4 Gbps

F

Faculty Information :

9 well qualified and experienced faculty

1 faculty member with PhD degree, 4 pursuing PhD

Industry Connect Activities :

Excelling the Code Skills series of Student Development Programs Expert Sessions

Memorandum of Understandings (MoU) Industry Visits

Intra and Industrial Internships Industrial projects

Research Publications and MoUs :

Journal and Conference Publications : 79

Textbooks : 6

Reference Books : 2 (Chapman and Hall CRC press USA/UK)

Book Chapters : 12 (All in international reference books)

Patents and Copyrights : 26

Expert Sessions : 22

MoUs : 6

VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY



Departmental Facilities :

Professional Society : VCET-NSDC

The National Students Data Corps (NSDC) at VCET is a vibrant platform empowering student to explore and apply data science concepts in real-world scenarios.

TechBlog : VCET TechZette - ivasałTI &anap~

(www.techz.vcet.edu.in)

It is a dynamic blog / Technical Magazine show-casing student and faculty innovation, offering insights and applications across tech domains.

TechBlitz :

The "TechBlitz" challenge event organized by the National Students Data Corps (NSDC) at VCET. The event showcases the prowess of budding technologists across pivotal domains lever-aging the power of AI.



Excelling the Code Skills series of Student Development Programs (SDP)

This initiative equips students with cutting-edge skills & empowering them for success in the dy-namic tech industry along with Infosys Spring-board Certification.



Code-o-Fiesta :

An event designed to foster creativity and problem-solving in the realm of technology.

Industry Collaboration :

Software AG, Mumbai Indian Railways, DRM, Mumbai

m m

Prime Softech Solutions, Mumbai EXL Service, Pune

m

HKI Infotech, Mumbai Fafadia Tech, Mumbai

m

m

CitiusCloud Services LLP and ContextIQ, Mumbai ContentStack, Mumbai

m

m

m

Major Student Achievements :

Winner of Hackathon conducted in SRM University Andhra Pradesh in track AI & ML.

- m Winner of VPPCOEVA, Sion Hackathon and runner up in QUASAR 2.0 and 3.0.
- m Winner of Avalon 2023 Hackathon conducted at Terna College of Engineering.
- m Winner of Avishkar 2025 conducted in Navi Mumbai.
- m Winner of Business Plan Presentation held in SJCEM institute.
- m Winners in many inter and intra college events and competitions.
- m Successfully completed Industry Projects.
- m 60+ Internship Completed.
- m Winners of Code-o-Fiesta 2022 and 2023.
- m Winners in VNPS & Oscillation 2024 and 2025.
- m Winners in TechBlitz 2025.
- m 149 Students have completed Infosys Springboard Certification in 2024-25.
- m Runnerup in state entrepreneurship challenge Vivek College of Commerce.
- m Runnerup in TechVision Herspark Ideathon at TCET.
- m Conducted Expert Lecture in another Institute.
- m

VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY



Department of Mechanical Engineering

Department of Mechanical Engineering was established in the year 1994 with the objective of imparting the knowledge and developing practical skills in the various areas of Mechanical Engineering. The Department has been Re-accredited by NBA and has an intake of 60 students. The Department imparts the skills and expertise in the areas of Design, Thermal sciences, Manufacturing and Renewable energy that are the backbone of Industries. The Department also offers consultancy in the field of Material testing, Product & Process Design, Energy Audit, ISO certification to the Industries. Department caters to the students varied interest through student activities. Team VCET Solechthon is renowned National level champion team for years together.

To be a pre-eminent department for the transformation of students in mechanical engineering into technically and ethically sound professionals.

m

To impart quality education through practical oriented initiatives.

m

To prepare industry ready professionals with ethical and moral values.

m

To promote entrepreneurship by creating various opportunities.

Program Educational Objectives :

m

To facilitate students with modern tools and techniques and make them compatible to solve real Life problems. m

To impart students with good scientific and technical knowledge to enable them to analyze, design and create peculiar products to fulfill societal needs.

m

To infuse ethical and moral values effective leadership skills, and entrepreneurship skills to make students professionally competent.

m

To encourage the students, to interact with industry, professional bodies by participating in co-curricular activities.

Program Specific Outcomes :

m

Graduates will exhibit the ability to analyze and solve problems in Design, Thermal, Manufacturing and Renewable energy domains.

m

Graduates will incorporate technical and professional skills in their career.

Department Highlights:

m

Department has 5 Ph.D faculty members and 9 are pursuing Ph.D.

m

Department has entered into 27 MOUs with industries and institution.

m

Smart classrooms and state of

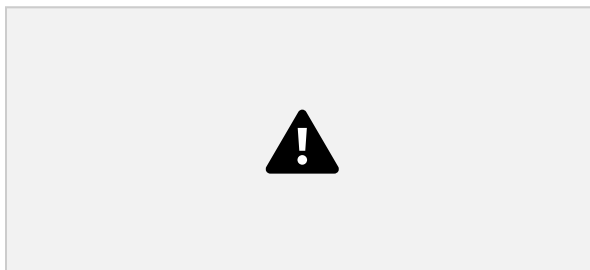
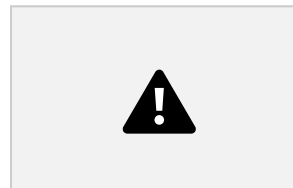
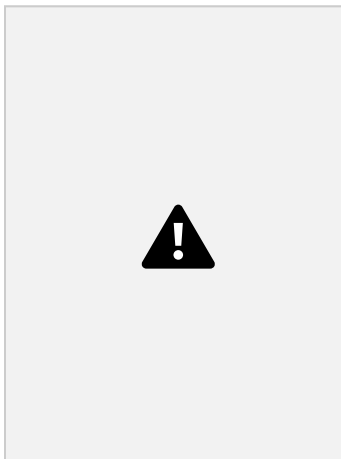
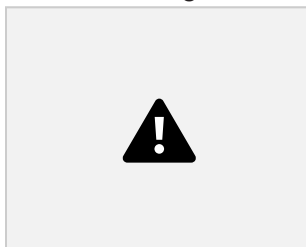
the art infrastructure.

Key Features of the

Industry Sponsored Machinery
Funded IC Engine Lab :

Department :

Diagnostics and Robotics Labs : AICTE



Student Clubs

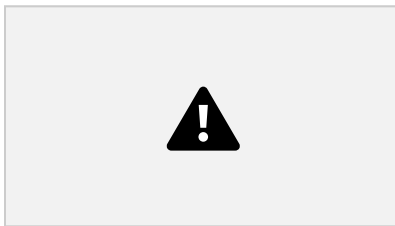
VCET Ethan : Team VCET ETAN Design and manufacturing First Ever Formula
Student Electric Vehicle



OF ENGINEERING & TECHNOLOGY



Computerized Fluid Mechanics and Machinery Lab : Software :

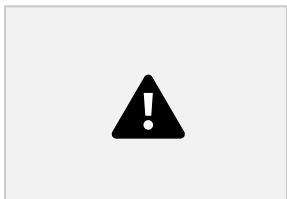


VCET SOLECTHON :

VCET SOLECTHON, official solar electric car team of Vidyavardhini's College of Engineering & Technology, is an entirely student-run, non-profit organization fueled by its member's passion for environmentally sustainable technology.

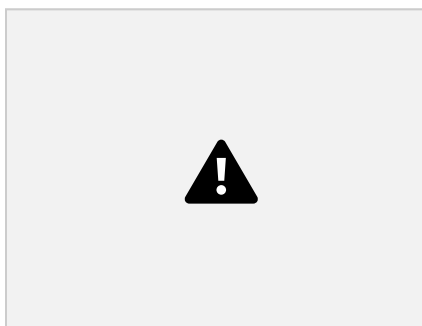
VCET CENTURIONS :

Team VCET Centurions is one of the seasoned teams of VCET involved in the design and manufacturing of an ATV quad bike. For past 6 years, the team has been designing and manufacturing vehicles that personify power and agility simultaneously.



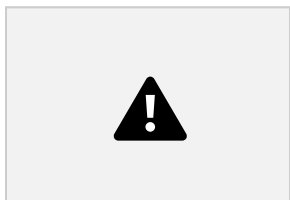
VCET AIRNOVA :

Team VCET Airnova is the official Aeronautics & Aerospace team of Vidyavardhini's College of Engineering & Technology; the main motto of the team is to spread awareness about Technological advancements in the Aviation and Spacecraft sector.



VCET EMECHTO :

The official electric bike team of Engineering and manufactures Electric Bikes for championships, wherein they officially represent the Institute.



Vidyavardhini's College of Technology. The team designs and National and Asian Level

Student

Achievements :

Yadhnik Mahadik, Shritej Nirgun, Aditya Thakore (2024-25) were awarded first prize in INNOVATEFEST'2025

m

at Saraswati College of Engineering, Navi Mumbai on 28th March 2025.

Om Lokhande, Harsh Prajapati, Yuktesh Meher (2024-25) were awarded first prize in SPARK-2025,

m

National Conference at KDK College of Engineering, Nagpur.

Prashant Dubey, Ronak Patel (2023-24) received District level 3rd Position in Maharashtra Student

m

Innovation Challenge.

Shubham Irakar, Suyash Hoskote, Udeshe Kushte (2022-23) received Judges Choice Award e Yantra, IIT Bombay

m

Nair Adinath won 1st prize in Tug of war (ToW) in Exuberance'25 at SFIMR, Mumbai.

m

Ayaan Diwan, Abhishek Gharat, Aftab Dafedar won 2nd prize in Tug of war (ToW) in Convegno'25 at

m

Rohidas Patil Institute of Management Studies, Mira Bhayander.

Omkar Bhosale, Nandan Dalvi, Yash Nanarkar won 2nd prize in Kabaddi in SUMMIT 2025 at MIT Peace

m

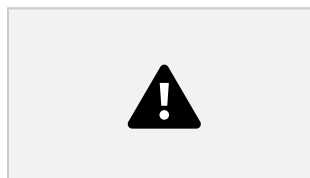
University, Pune.

Ayaan Diwan, Abhishek Gharat, Dhruv Kotian, Aftab Dafedar won 2nd prize in Tug of war (ToW) in

m

Colosseum'24 at Ramnarain Ruia Autonomous College, Mumbai.

VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY



Department of Electronics and Telecommunication Engineering

The Department of Electronics and Telecommunication Engineering (EXTC) was established in the year 1994 with the aim of providing state of the art education in the field of Electronics and Telecommunication Engineering. The department has well qualified and experienced faculties with the state-of-the-art laboratories for academic studies and research along with industry collaborated labs set up by Texas Instruments, Siemens, and IIT Bombay. The department strives for all round development of the students with focus on co-curricular and extra-curricular activities.

To contrive educational and research environment to serve industry and society needs in the field of electronics and telecommunication engineering.

m

To enrich soft skills, ethical values, environmental and societal awareness.

m

To develop technical proficiency through projects and laboratory work.

m

To encourage students for lifelong learning through interaction with outside world.

Scope & Importance of EXTC :

The EXTC branch provides a golden equilibrium between various fields of engineering including electronics, communication, microelectronics, signal processing, networking, information technology and computing. As a result, the branch has a diversified scope. The key areas include :

m

Mobile communication (5G/6G) Networking and security

m

Wireless & Satellite Communication Microelectronics and VLSI Technology

m

m

[m](#) Embedded System & IoT Sensor Technology [m](#) [m](#)
 Image/ Video/ Multimedia processing Robotics & Automation [m](#)
 Machine Learning and Artificial Intelligence (AI)

The Honors and Minors program offered in the domain helps to unlock multidisciplinary skills such as

[m](#) Data Science [m](#) Internet Of Things (IoT) [m](#) AI and ML [m](#) Cyber Security [Department](#)

Highlights

:

[m](#) Well qualified and experienced faculty (all more than 15 years experience) is the greatest asset of the department contributing towards the overall professional and personal growth of the students. [m](#)
[m](#) 4 faculty members have completed Ph.D. and 4 are pursuing Ph.D.

[m](#) Faculty members have published their research work in reputed journals and conferences. They have published 5 patents and 2 copyrights, 5 book chapters and 48 papers in reputed journals and conferences in the last 3 years.

[m](#) Electronics and Telecommunication engineer's Association (ETA) is a literature committee of the department. It publishes two newsletters and one technical magazine every year.

[m](#) To bridge the gap between academic learning and career opportunities, department has signed MOUs with 18 industries and enhancing placement support and fostering career growth for students. The Department has also signed research agreement with BITS Pilani, Hyderabad campus. [m](#)
[m](#) The Department encourages industry projects, Internships and organizes industry visits with the aim of providing practical insights into procedures, processes, and technologies.

[m](#) Students participate in various national and state level project competitions such as SIH, Hackathon, Avishkar etc. and publish their research work in reputed journals and conferences.

[m](#) Students are regularly participating and selected for final round of Smart India Hackathon competition.

[m](#) Students are regularly participating and selected for zonal round of Avishkar competition and have won in Maharashtra Innovation Challenge and hardware Hackathon competitions.

VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY



Infrastructure :

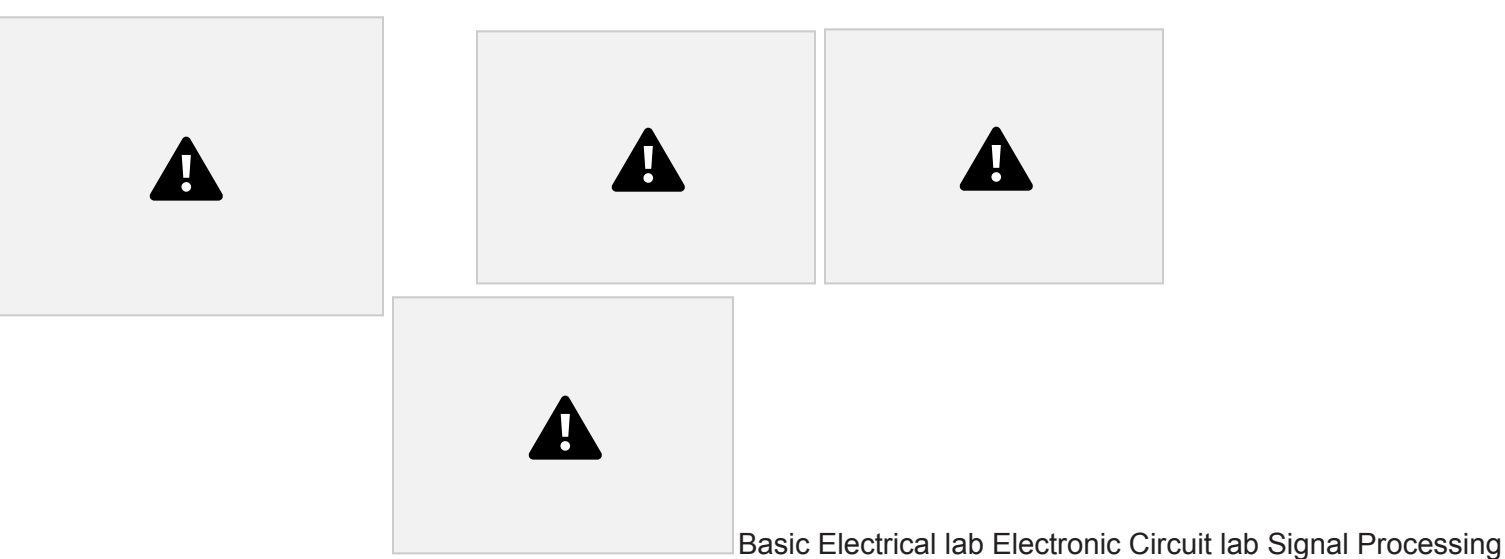
The department is equipped with highly developed hardware and software labs. Basic Electrical lab Electronic Circuit lab

[m](#) Analog and Digital Communication lab [m](#) Signal processing lab

[m](#) Embedded system and VLSI lab [m](#) Software Simulation lab

[m](#) Microwave and Antenna lab [m](#) Project lab

[m](#) [m](#)

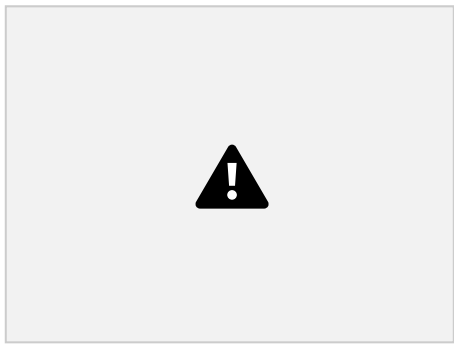


Professional
Chapter :

Institute of Electrical and Electronics Engineers (IEEE) Astra-Infini Space club (Dept. level)
Institution of Electronics Telecommunication Engineers (IETE) ETA literature committee (Dept. level)
Activities conducted by Professional bodies student's

Chapters :

National level project showcase Student development programs and work-shops on emerging technologies.
Oscillation (A technical paper presentation Industry visits
competition) Seminars/ Workshops
Anveshan (Product show cases



Major Students' Achievements :

Finalist in Smart India Hackathon

m

Winners in 48 hours hardware Hackathon

m

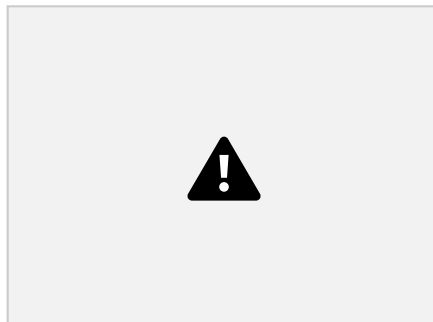
Winners in National Solar Vehicle Challenge

m

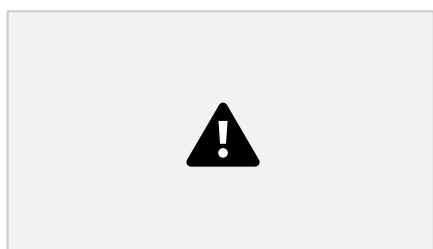
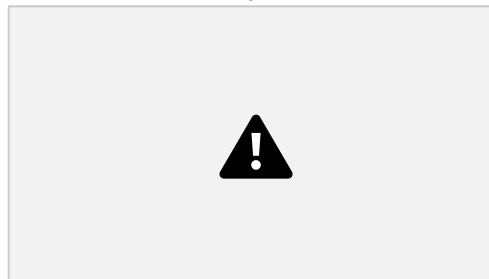
Runner-up in District level Maharashtra State Innovation Challenge.

m

5th rank in National level Techfest-Product Development, IIT Bombay



m



Hardware Hackathon Winner Finalist in Smart India Hackathon Maharashtra Innovation Competition Winner



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY



Department of Civil Engineering

The Department of Civil Engineering came into existence in the academic year 2013-14 with an initial intake of 60 students. Subsequently, a post-graduate program in Civil (Structural) Engineering was introduced in 2022-23. The department offers a learning environment for students to acquire the knowledge, skills, and practical experience necessary to thrive in the continuously evolving Civil Engineering field.

To transform students into creative and technically proficient Civil Engineers to serve the nation.

m

To adapt to collaborative teaching learning practices for efficient learning.

m

To become a centre of excellence for providing knowledge base and consultancy services to the

community

m

To follow ethical and moral practices and educate students for professionalism and sustainability

Civil engineering is a professional engineering discipline that deals with the design, construction, and maintenance of the physical and naturally built environment, including public works such as roads, bridges, railways, airports, canals, dams, sewage systems, Residential and Commercial buildings. Civil engineers are required by the Government in the municipal corporations, irrigation department, and public works departments; they are also required in the private sector from locally based firms, Corporates to global Fortune 500 companies. The core Civil Engineering Domains are Geotechnical, Structural, Town planning and Transportation, Environmental and Water resource management, Construction Management and many Interdisciplinary fields.

Infrastructure :

Civil engineering laboratories include Fluid Mechanics, Applied Hydraulics, Transportation, BMCT, Geotechnics, Environmental, Surveying/ Project lab and Research Lab.



Building Material and Construction
Technology Laboratory

m

Geotechnics Laboratory

Department Highlights :

Experienced members of faculty with an average experience of over 10 years. Three faculty members hold Ph D and three are pursuing Ph D.



**VIDYAVARDHINI'S COLLEGE
OF
ENGINEERING &
TECHNOLOGY**



Faculty members have published research papers, books, and copyrights, highlighting innovative

m contributions to technology and society.
 16 MOUs with industries and institutions for our students to get practical exposure, internships, industry
 m based projects, and placement.
 Civil Engineering Labs are authorized by Vasai Virar Municipal Corporation for Material testing.
 m Through VCET - ADT Cell, Audit, Design and Testing facilities are provided to
 society. m

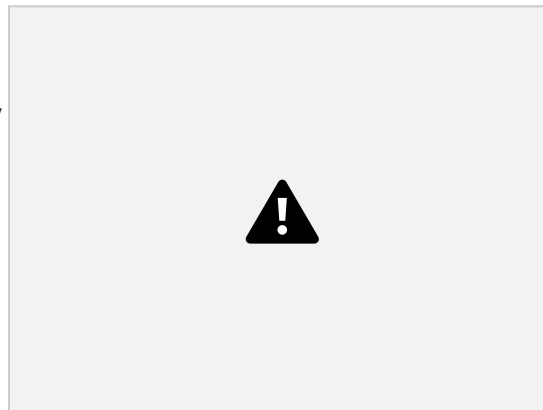
Professional Society Chapter :

Indian Green Building Council Student
 Chapter
 (IGBC)
 Indian Society of Structural Engineer Student
 Chapter
 (ISSE)



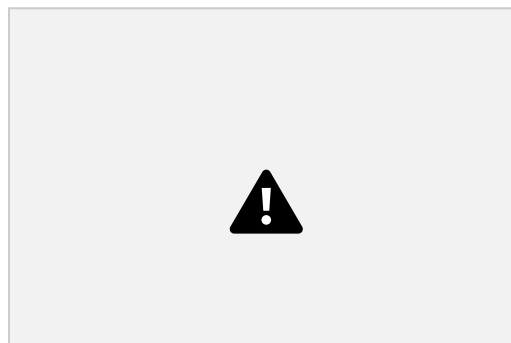
Student Achievements :

m 1st, 2nd and 3rd Prize in Cube Testing competition organized by
 m American Concrete Institute in 2023.
 Best Paper Award at International
 Conference on Advances in
 m Civil & Mechanical Engineering organized by
 Thakur College of
 Engineering in 2023.
 1st Runner up and Special appreciation
 prize in Technical Paper
 m Presentation at National Level Civil
 Engineering Symposium
 "NIRMITEE 2021" at MIT World Peace
 University, Pune.
 Secured 1st Prize in Quiz (Civil War) held at St. John College of
 m Engineering and Management, Palghar.
 Received 2nd prize in Prakalp - 2024 (State level Project
 m Competition) organized by Pillai HOC College of Engineering
 and Technology.
 Won Second Prize in 'Civil Sudoku' competition in the event
 m Aakruthi 2021, held by Nalla Malla Reddy Engineering College,
 Telangana, Hyderabad.



About Master of Civil Engineering :

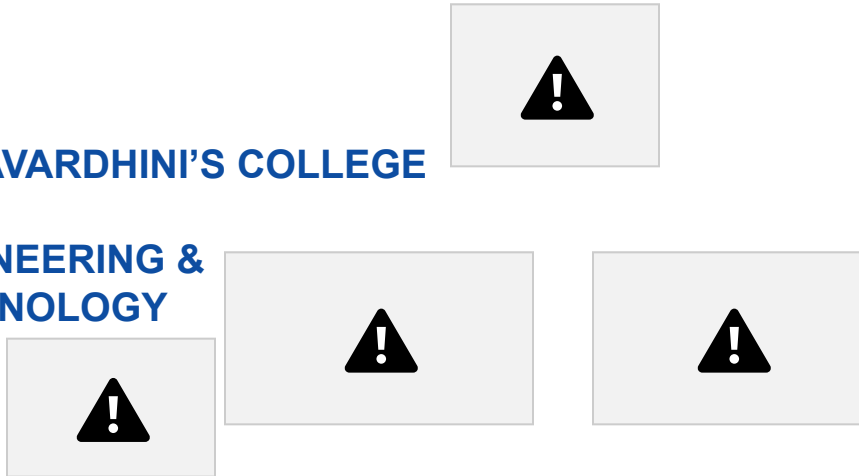
At VCET, we ensure that proficient students can easily
 advance from
 their undergraduate level to graduation level. With an
 M.E in
 Structural Engineering, students can optimally utilize
 their skills and
 knowledge to tackle the comprehensively evolving field
 of



Structures. The annual intake of 24 students is offered and a balanced environment that combines individualized attention with a dynamic and diverse academic community. The course is of two years duration which includes robust peer collaboration and access to mentorship from distinguished faculty, equipping our students with the skills and knowledge necessary to become leaders in the field of Structural Engineering.

ME Research Lab

VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY



“svatM~ saOinak }wvadada Gart smaRit ga`Mqaalaya”

The college central library was established in 1994, simultaneously with the inception of the college. The library's area is 800 Sq. Mtr with all modern amenities including Reading Room, Digital Library etc. with open access to all students.

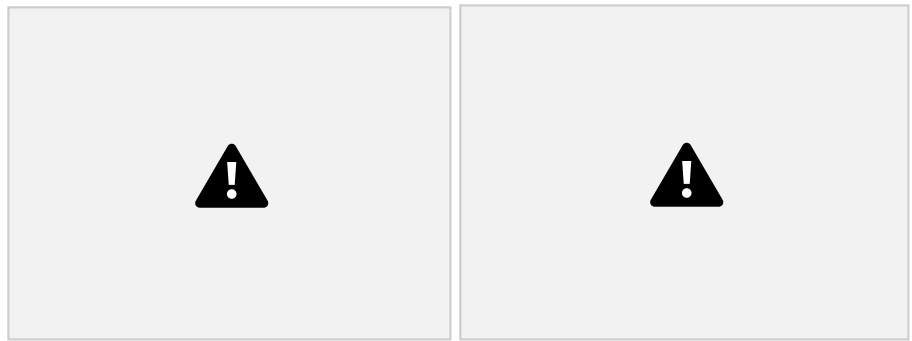
College has made available well-equipped reading room facility to the students and faculty members with a seating capacity is 150. For the maximum utilization of the students and faculty members college has started Open Access system. All the user can go the book shelf and they can choose their desire books or library material. Central Library faculty to students and staff members. These book can be accessed remotely as well.

The Central Library has started a separate Digital Library section for students and staff members. College has purchases a package of E-Books of PEARSON INDIA EDUACTION PVT LTD, by spending more than Rs. 3 lakhs, to avail this facility to students and staff. In this package user can access e-books. Institute is member of DELNET Library Network. All the students and staff have access to this facility in the Digital Library section. Through this facility members can access 900 library networks and in and India and 6 other countries having access of 50 thousand records of E- books, Journals, Articles, Union catalogue and other documents.

Also, student can access the E-Journals of Science Direct Elsevier.

The Central Library is also member of the IIT, Bombay Central Library, all the students and faculty members are using this library for accessing reference books and journals for research and final year project purpose.

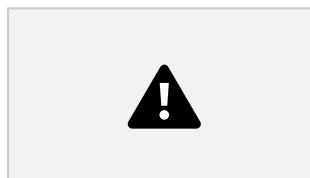
	Printed Journals
	6
	Magazines
	7
1	News Papers
Total no. of Titles	12454 34432 900
2	97
Total no. of Volumes	
3	81
Total no. of Reference Books	12
4	12
e-books for perpetual access	5



Book Stack Digital Library Reading Room



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY



Facilities for 'Divyangjan'

[m](#)

Elevators - 03

[m](#)

Fire extinguishers

[m](#)

24x7 security with CCTV

[m](#)

Wi-Fi enabled campus with 2 Gbps Internet speed

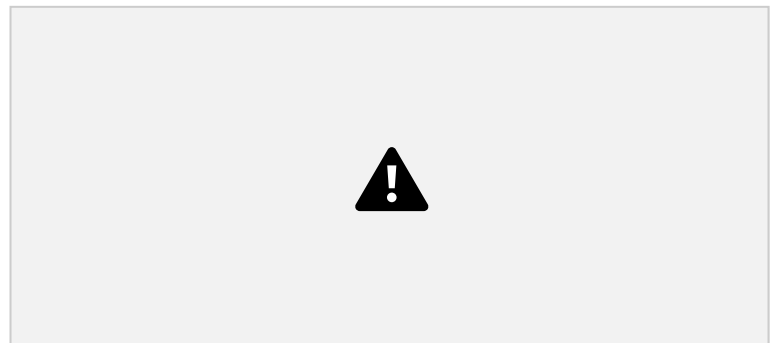
[m](#)

Gymnasium

[m](#)

Idea lab - 01

[m](#)



Smart Classroom - 08

[m](#)

ICT enabled AC classrooms - 24

[m](#)

Tutorial Room - 08

[m](#)

Laboratories - 57

[m](#)

Centre of Excellence - 03

[m](#)

Language Lab

[m](#)

Seminar Hall - 02

[m](#)

Conference Room - 04

[m](#)

Auditorium, Open Air Theatre

[m](#)

Canteen

[m](#)

Photocopy center

[m](#)

Basic Workshop- 02

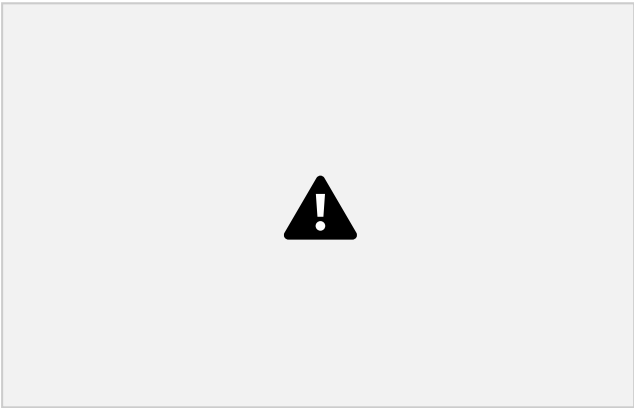
[m](#)

Common room for boys

[m](#)

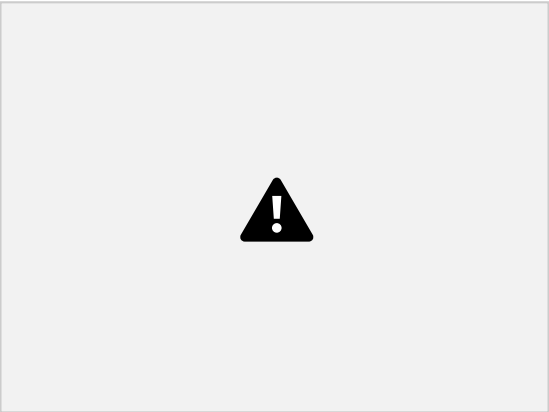
Ladies Common Room

[m](#)



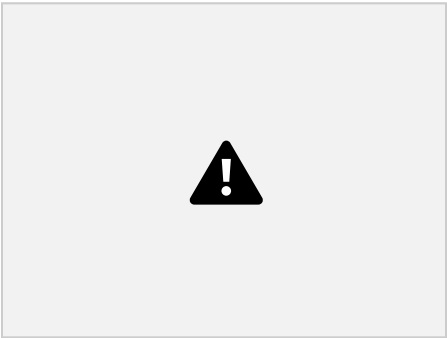
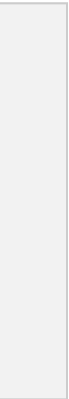
Hall

Computer Center



Seminar

ICT enabled AC classroom Seminar Hall with Digital Podium



Canteen Ladies Common Room Auditorium

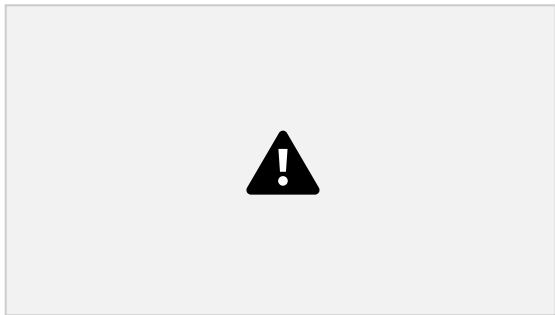
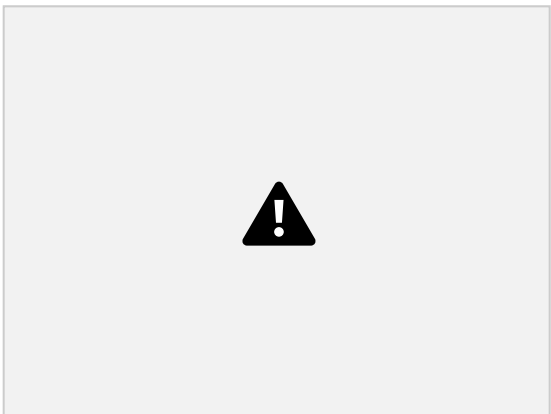
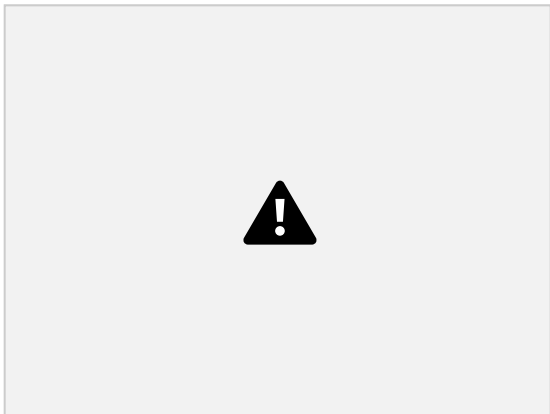
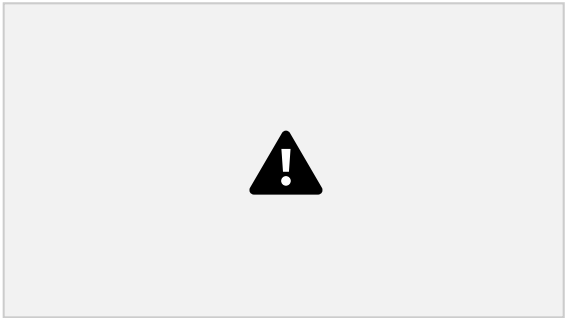


Group Discussion

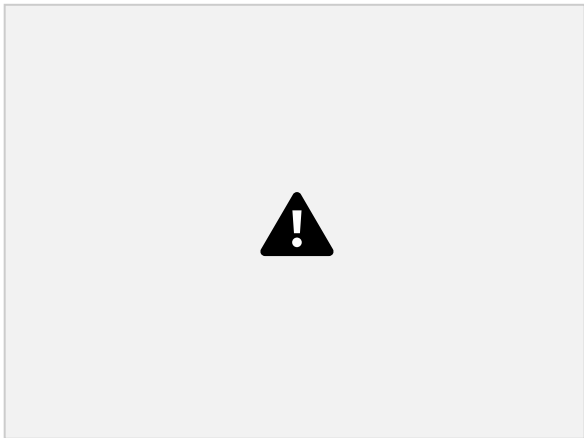
Oscillation 25

Language Lab.

Product Vidya' 24

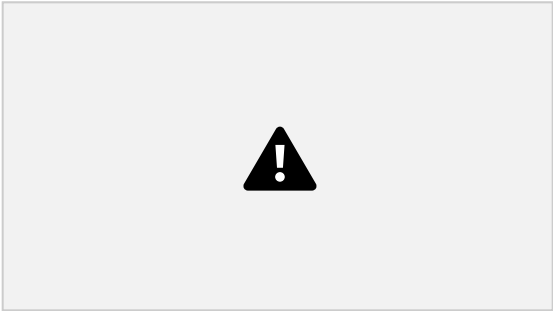


Product Showcase



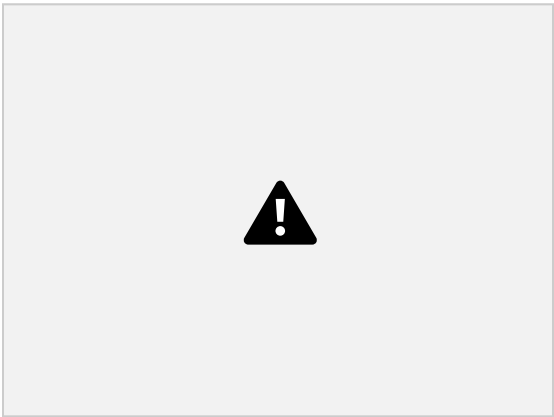
VNPS' 25

Industrial Project

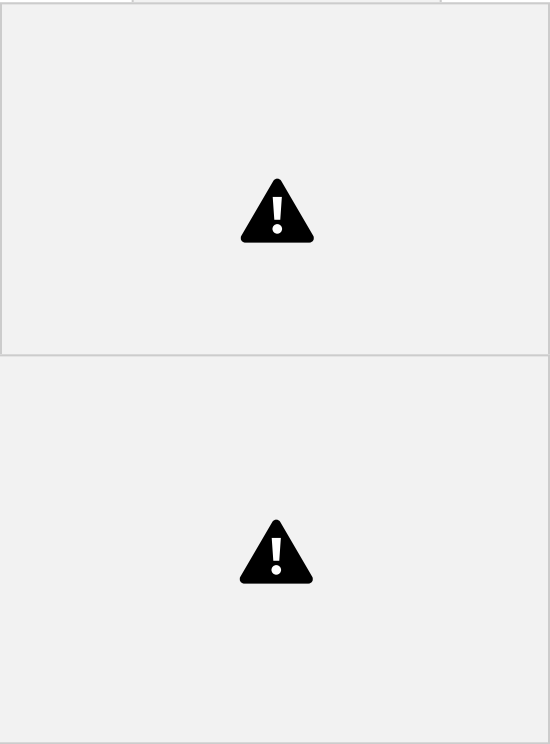


MechExpo 25

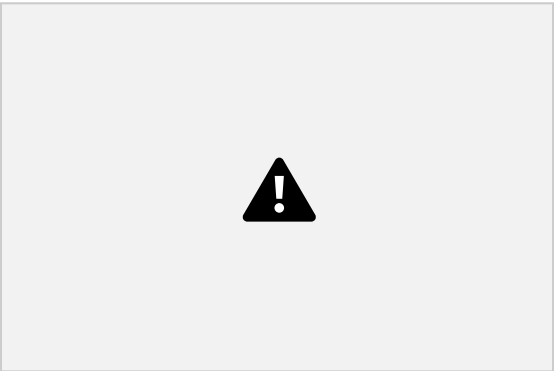
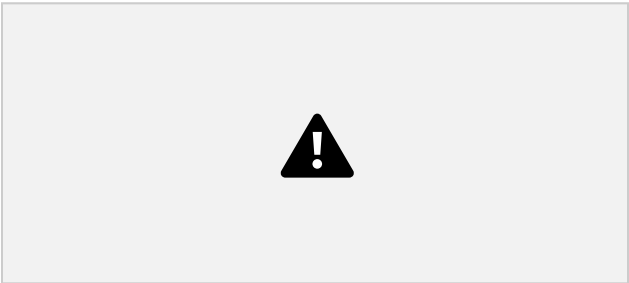
Blood Donation Camp FE Induction Programme



LEG
NOL

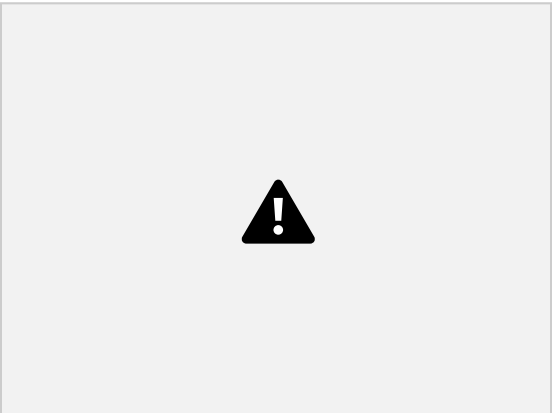


Project Competition
Siemens - Centre of Excellence

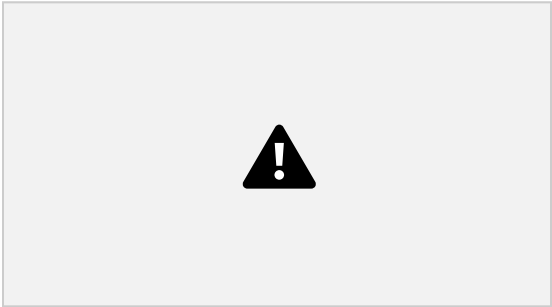


Smart India Hackathon Winner

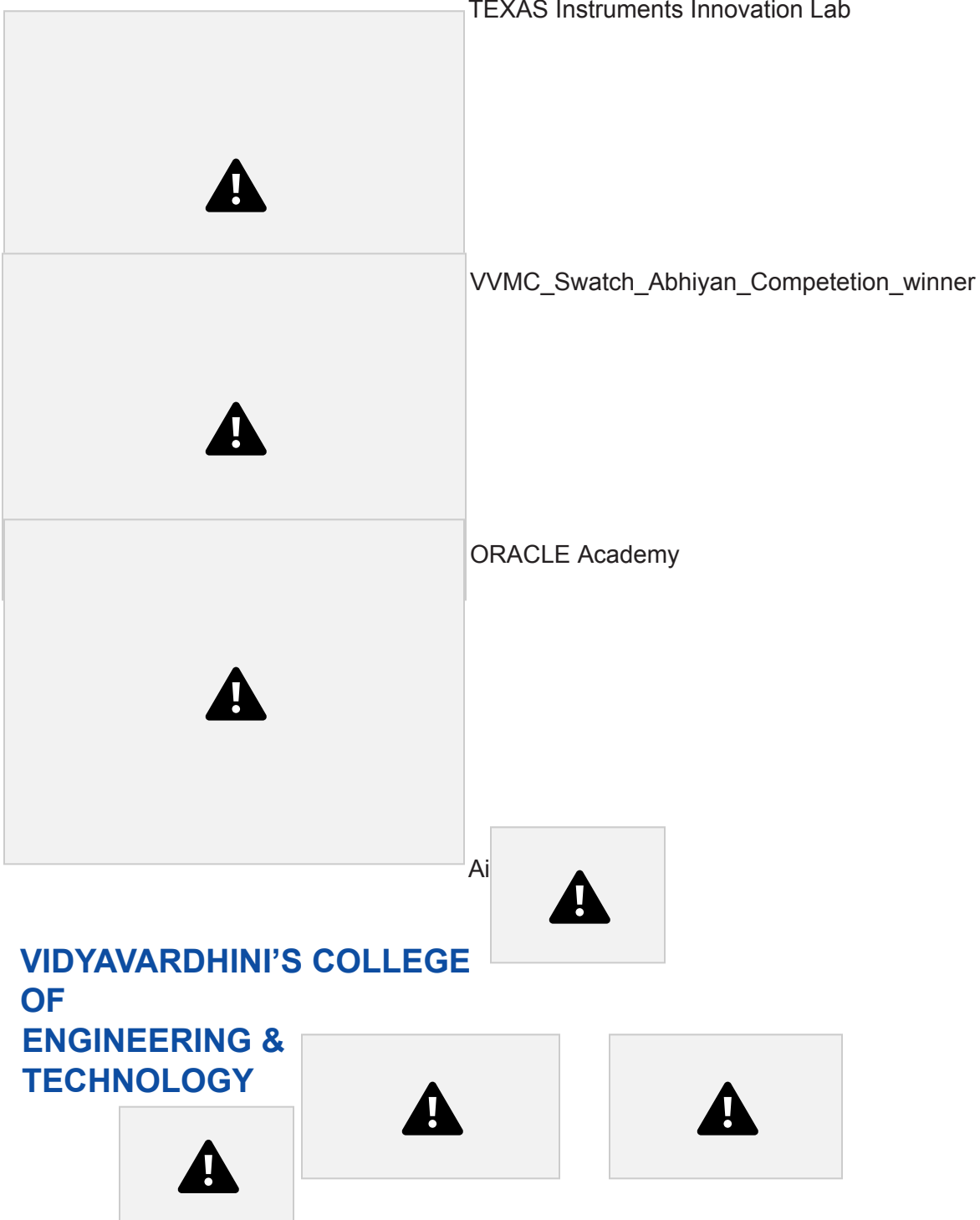
VNPS



Yoga Day



BSE - Industrial Visit



Institute has three Center of Excellence as Siemens Center of Excellence, Texas Center of Excellence and e-Yantra Robotics Laboratory which aims to train students and faculty on world class equipment & software. The COE provides training by certified partners.

The institute has two industry-sponsored labs as industrial robotics lab and Condition monitoring & Machinery Fault Diagnostics lab.

The aim of the robotics lab is to program robots that will support and aid people in engineering disciplines such as computer engineering, software engineering, bioengineering, electronics, mechatronics, information engineering, etc. are integrated into robotics.

Condition monitoring (CM) or Machinery Diagnostic (MD) is a maintenance approach that predicts machine health and safety through the combination of machine sensor data that measures vibration and other parameters (in real-time) with state-of-the-art machine monitoring software.



e - Yantra Lab

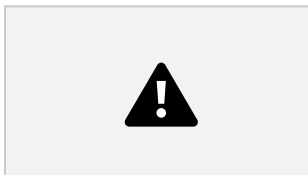


Texas Instruments Innovation Lab



Siemens - Centre of Excellence Robotics

VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY



Result :

1	Computer Engineering	Artificial Intelligence & Data
2	Information Technology	Science
3	Mechanical Engineering	
4	Electronics and	98.65% 97.26%
5	Telecommunication	97.09% 97.43% 94.84%
6	Engineering Civil Engineering	100.00%
7	Computer Science &	100.00%
	Engineering (Data Science)	

Training & Placement Cell :

The Training & Placement Cell at Vidyavardhini's College of Engineering & Technology serves as a pivotal link connecting students with prospective employers. Its primary objective is to facilitate career guidance, skill enhancement, and job placements for the students. The cell operates under the guidance of experienced faculty members and industry professionals, ensuring that students are well-prepared to meet the challenges of the corporate world. Key responsibilities of the cell include student's campus recruitment training, industry interaction, placement related activities and career guidance.

Training Initiatives :

Training and Placement cell provides campus recruitment training and pre-assessment tests, which are sponsored by the institute.

Pre-assess test	companies to provide industry exposure Career
Intra Institute Internship	Launcher, Campus Credentials, Gyanteerth
Industrial Internship	AMCAT, CoCubes, First Naukri, Online GDB,
Aptitude Training	Gyanteerth etc.
Employability Test	Faculty, Alumni and Industry Experts, Training
Mock GD & Personal Interviews	Agency, Career Launcher
Industry Expert Sessions & Industry Courses	Company Specific Trainings, Expert Session by
	Industry, Workshops, Alumni Sessions like Talk
For all students in FE & SE, Aptitude and English	with seniors, Resume Writing, InfyTQ and Infosys
Communication test by AMCAT. Skill Development	Springboard
Collaboration with the local industries and	

Placement & Higher Studies :

	2022-23	330
2024-25	2021-22	275
	272	
2023-24		276

	12	25	552	497
12		23		524
10		30		
17	—		498	

VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY



List of Companies visiting VCET for Recruitment :

Tata Consultancy	Pvt. Aarti Drugs Ltd.	Technology HCL
Services Larsen Toubro	Abhijeet Dies & Tools Pvt.	Hudl India Pvt. Ltd.
infotech	Ltd. AiBorne Tech	IBM
Capgemini	Alfa Labs	Indoco Remedies Ltd.
Wipro	Allianz	Indovance Pvt. Ltd.
Infosys	Alpha Electronic Controls	Instazen
Zensar	ARCHERCAL Pvt. Ltd.	IOS Commerce
Media.net	Aryan Structcon Pvt. Ltd.	J S Control
Dear Digital	Atos	Jacobs India Pvt. Ltd.
Zensoft	AutoCal Solutions Pvt. Ltd.	Jaisingh Innovations
Bristlecone	Autonic Energy Systems Pvt.	Janyu Technologies Pvt.
Burns & McDonnell	Ltd.	Ltd. Jindal Mobilitrac Pvt.
Best Geotechnics Pvt.	Bajaj Financial Securities	Ltd.
Ltd Accenture	Ltd. Best Geotechnics Pvt	JSV Infrastructure Pvt. Ltd
Interactive Broker	Ltd.	Kanthwal Services
Thermax Limited	Board of Apprenticeship	KLAY Securities Pvt.Ltd
Course5 intelligence	training Byjus	LAQSH PMC LLP
CISCO	CE-N Digital Pvt. Ltd.	Lekeamp Mobility
Citus Cloud	Clover infotech	Leo Infra & Developer
TECHNIMONT	CMS	Litera Technologies Private
Mahindra & Mahindra Ltd	Criton Technology &	Ltd. Magna Steyr
Mahindra Lifespaces	Automation Data Matics	MAQ software
Design Mosaic	Davison Instruments Pvt.	Neo Quant solutions
Hexaware	Ltd. Deloitte	Nippon Instruments Pvt. Ltd.
Jaro	DEUEX Solutions Pvt. Ltd.	NPCC Engineering Private
Kent Engineering India Pvt.	Drip Capital	Limited NPCI Bharat Bily Limited
Ltd. QSpiders Campus	Dr.Kelkars Design Pvt. Ltd.	(NBBL) Optimal Consultancy
Connect S-Crane	ECONSHIP	Services Pvt Persistent
SoftwareAG	Evosys	Prabhat automation
Tata Power Company	Excellous Solutions	Pravin Auto Engineering Pvt.
Limited Techno Win IT Infra	Faze Three Limited	Ltd Premium Investments
Pvt. Ltd. Vardhaman	First hive	Process Precision Instruments
Enterprises	Flextronics Technologies (I) Pvt.	Prompt Personnel Services Pvt.
Vistaar	Ltd. Foxtale Consumer Private	Ltd Prospect Engineering Works
A-1 Fence Products Company	Limited GIRIJI Engineering	Protivity

Quality kiosk Technologies
Raja Software Labs
Ramdev Associates
Rbhu ETG Pvt. Ltd.
RDC Concrete
S Cranes
Safe- Tronics Automation Pvt.
Ltd. Set Point Engineering
Services SHRMER
Sinclus Engineering & Consulting
Solareous Renewable India Pvt.

Ltd. SONATA
SP Ultraflex Systems Pvt.
Ltd Sudarshan Enterprises
Tata Power Company Ltd
Techno Win IT Infra
Pvt.Ltd. The Wedding
Filmer
Thermax Ltd
Thermolab
Touchzing Media Pvt. Ltd.
Uber
upGrad

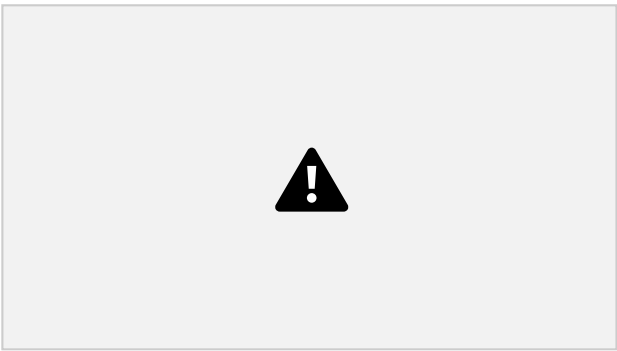
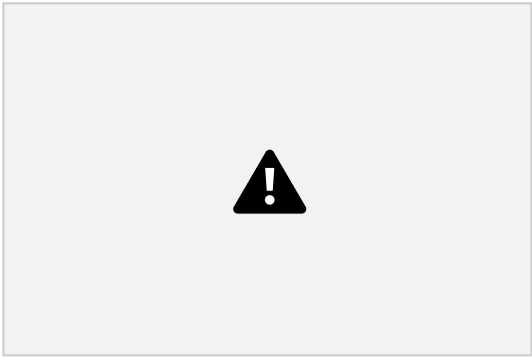
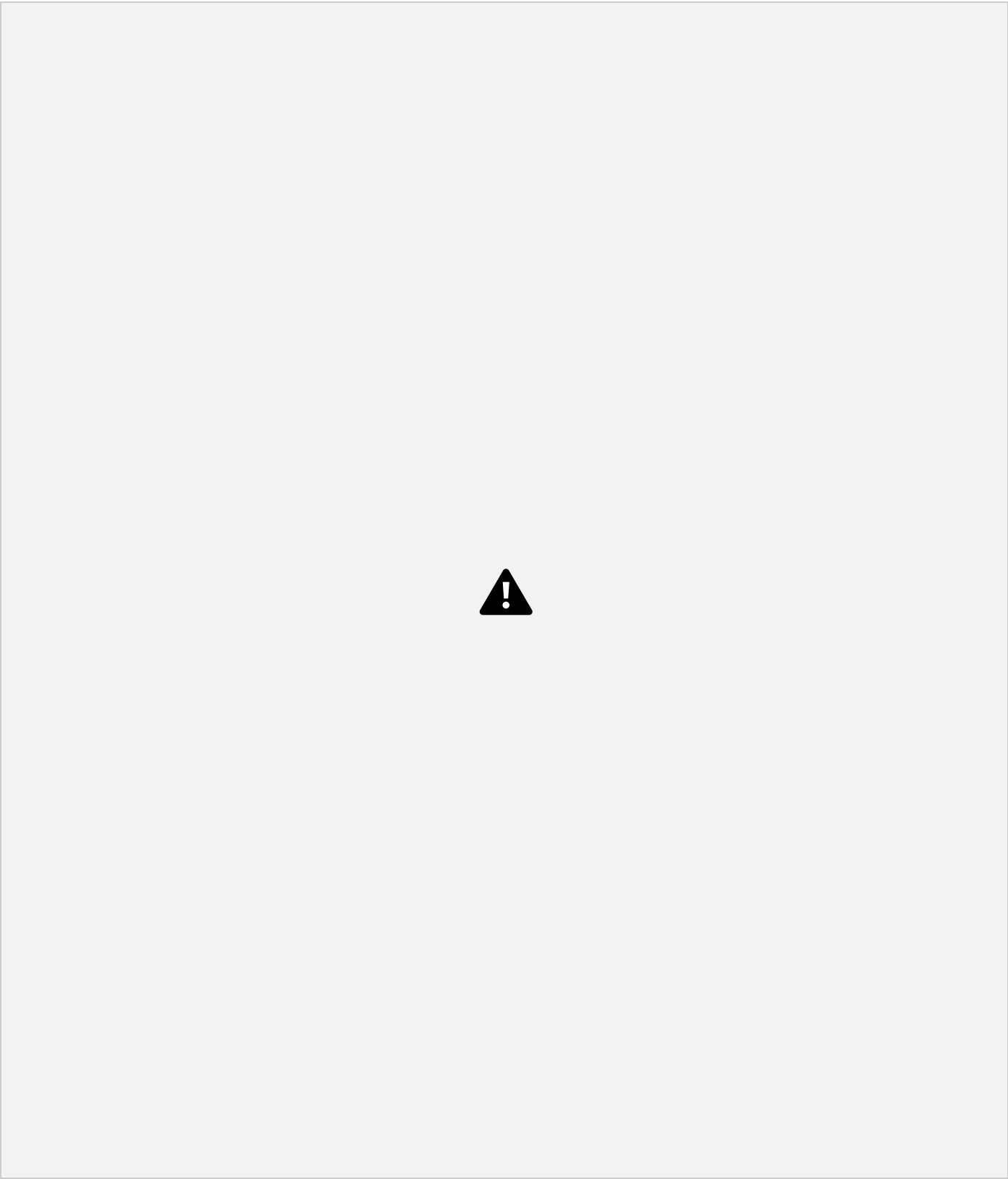
Upturn Properties LLP
URJA Communications
V2STech
Vaaman Engineers Pvt.
Ltd. Vanguardtek
Virtusa
Vodafone Idea
XS CAD
ZECO Aircon Limited
Zycus Infotech Pvt. Ltd.



**VIDYAVARDHINI'S COLLEGE
OF
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TECHNOLOGY



ZEAL : Cultural Fest

Dance Performance

Garba Night



Musical Night



Street Play



Cultural Dance Event



Kabaddi

Football

Box Cricket





Chess



Volleyball



Carrom

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