BOOTSTRAP

2024-25

THE NEWSLETTER OF DEPARTMENT OF COMPUTER ENGINEERING

The computer engineering department was established in 2009. The department offers regular undergraduate program in "Computer Engineering" having intake of 60.

Our vision is to develop competent citizens who will be valuable contributors in the field of technology and science. And, our mission is to create an environment which will stimulate research, creativity and innovation and to provide students with comprehensive knowledge of the latest developments in Computer Engineering. The department has young dynamic, qualified teaching and non-teaching faculties with well-equipped laboratories. The teaching faculties are actively involved and also encourage students in research and publishing papers in reputed journals and conferences. The faculty and students have presented and published research papers in reputed conferences and journals like IEEE, IJCA, IJOER, NCRENB, etc.

The department has taken conscious efforts to keep the faculty and students up to date with the change in the technologies and tools. The faculty members and the students are involved in the organisation of guest lectures, seminars, workshops, conferences, etc. the CSI-VIVA TECH

provides a great platform for the students to showcase their knowledge. For this technical event have been undertaken by the department on constant basis.

VISION (COMPUTER ENGINEERING DEPARTMENT)

To develop competent citizens who will be valuable contributors in the field of computer engineering.

MISSION (COMPUTER ENGINEERING DEPARTMENT)

- To create an environment which will stimulate research and innovation.
- To provide students with comprehensive knowledge of the latest developments in the field of Computer Engineering.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)
COMPUTER ENGINEERING DEPARTMENT

- Graduates will have successful career in their chosen field.
- Graduates will work on new and emerging technologies.
- Graduates will pursue higher studies at reputed institutions nationally/internationally.

PROGRAM SPECIFIC OUTCOMES (PSOs)
COMPUTER ENGINEERING DEPARTMENT

- Students will be able to draft and publish research papers at the national or the international level.
- Students will be able to undertake research based projects.
- Students will be able to organise / participate / conduct events like seminars / workshops / conferences.

Faculty Publications

Sr. No.	Name of the faculty	Published / Presented
1	Dr. Ashwini Save	International- 4 Patent- 1 Copyright-
2	Sunita Naik	National-3
3	Reshma Chaudhari	National-4
4	Saniket Kudoo	National- 3
5	Bhavika Thakur	National-3
6	Kirtida Naik	International- 5 National- 4 Patent- 2
7	Akshata S.Raut	National-4

Training Programs / Seminars / Workshops attended by Faculty

Sr. No.	Name of the faculty	
1	**Dr. Ashwini Save**	**STTP/FDP- 1**
2	**Sunita Naik**	**NPTEL- 1** **STTP/FDP-4**
3	**Reshma Chaudhari**	**NPTEL-2** **STTP/FDP-2**

4	Saniket Kudoo	NPTEL- STTP/FDP- 2
5	Bhavika Thakur	NPTEL-2 STTP/FDP-5 Seminar/Workshop conducted - 2
6	Kirtida Naik	NPTEL- 2 STTP/FDP- 1 Seminar/Workshop- 2
7	Akshata S.Raut	NPTEL- 1 STTP/FDP- 12 Seminar/Workshop- 1
8	Hima Kantaria	NPTEL- STTP/FDP- Seminar/Workshop-
9	Sampada Pawar	STTP/FDP- 2
10	Anuja Borkar	STTP/FDP- 2 Seminar/Workshop conducted- 1
11	Aniket Elinje	STTP/FDP- 2

Seminars / Workshops/ Guest lectures arranged for students by CSI

	Seminar	Webinar	Guest Lecture	Workshop	Industrial Visit	Value Added Course
Count	5	2	1	2	2	3

<div align="center">

DEPARTMENT PUBLICATION

</div>

1. Technical Magazine

(HTTP://WWW.VIVA-TECHNOLOGY.ORG/NEW/TECH-NEXT)

<div align="center">

A Biannual Technology Review Magazine

</div>

We live in a time where technology is an indispensable part of our everyday life. It is impossible to imagine our daily routines without these technologies, right from the coffee maker machine to the mobile devices to the computers; especially internet has become a necessity. And these technologies have undergone and undergo, changes and updations on a very frequent basis. For this reason a Technical magazine is like a holy book for the people Steve Ballmer says "The number one benefit of information technology is that it empowers people to do what they want to do. It lets people be creative. It lets people be productive. It lets people learn things they didn't think they could learn before, and so in a sense it is all about potential."

Keeping this in mind the Computer Engineering Department, VIVA Institute of Technology published the first Technical Magazine in the institute called the 'TECH-NEXT: A Biannual Technology Review Magazine' to empower the Faculty and Students to be creative and productive; providing a platform to showcase their knowledge about the new technologies which are becoming or which will become an integrated part of our life, and help others to learn about these technologies.

TECH-NEXT is a Technology Review Magazine Published by Computer Engineering Department of VIVA Institute of Technology. The Magazine is published twice in a year. The Magazine was launched on 23rd September 2016 in the presence of Management members of VIVA Trust, Principal of VIVA Institute of Technology and staff members of Computer Engineering Department.

The department was also able to secure International Standard Serial Number (Online) for the technical magazine as well, **ISSN (Online): 2456-5105**.

3. NATIONAL CONFERENCE ON ROLE OF ENGINEERS IN NATION BUILDING 2024

The primary objective of the National Conference is to enhance knowledge in building sciences, with a focus on building and construction. It aims to address long-term challenges in the sector through systematic research and development, offer support in meeting immediate needs where expertise is essential, and facilitate the dissemination of knowledge and technology transfer. Topics of Interest in NCRENB 2024 are as follows:

1) Electronics and Telecommunication Engineering
2) Electrical Engineering
3) Computer Engineering
4) Mechanical Engineering
5) Civil Engineering
6) Humanities & Applied Science
7) Master of Computer Applications

2. VIVA-Tech International Journal for Research and Innovation

VIVA-Tech International Journal for Research and Innovation (VIVA-Tech IJRI) is an Annual Research Journal Published by Computer Engineering Department of VIVA Institute of Technology. The International Journal publishes research papers once in a year. The journal aims at providing a platform for researchers to publish their quality research work in the field of Science, Technology, Arts and Management free of cost.

VIVA-Tech IJRI was launched on 5th October, 2018 at VIVA Institute of Technology in the Presence of Dr. Arun Kumar, Principal of VIVA Institute of Technology, Dr. A. P. Pandey, Principal VIVA College, Dr. Sunita Ogale, Principal, VIVA Institute of Pharmacy. HOD's and staff members of VIVA Institute of Technology, VIVA Institute of Management and Research and VIVA School of MCA were also in attendance along with the students.

VIVA-Tech IJRI is steered by a distinguished editorial board consisting of highly qualified individuals from reputed national and International institutions and organisations.

Parents Meet' 24-25

Introduction of Computer Engineering Department was given. Parents were introduced with departmental laboratories and facilities. They were made aware of different Department initiatives such as Mentor system, Meetings under mentor system, Cumulative attendance system & terms regarding Attendance. Syllabus of respective classes also Policies regarding K.T. and year drop for student, the Examination pattern, internal exams and university exam schedule and Weightage were discussed.

College timing, ID card is compulsory in the college premises, Mobile phones are not allowed in college premises and Instructions regarding dress code were given. Placement Selection Process, Activities conducted for training the students, previous placement records. We plan industrial visits only for one day.

Parents were requested to Understand the structure of the engineering course, Stay connected with mentors and other teachers, Communicate with students regularly regarding academic activities. Motivate students for participating in the co-curricular, extra-curricular activities. Staff members have interacted with parents to solve their doubts. Details were discussed.

Valuable suggestions were taken from parents. Curriculum feedback was taken from all the attendee parents. All the parents interacted with respective mentors and assessed their student's progress.

Orientation 2024-25

Orientation of SE,TE and BE is conducted at the beginning of the semester. Introduction to subject teachers and the overview of all the subjects is given. The course outcomes and objectives of all the subjects are discussed in detail. Introduction of Computer Engineering Department was given. students were introduced with departmental activities, facilities and laboratories.

Alumni Meet 2024-25

The Alumni Meet is a special gathering organized by viva institute of technology to reconnect former engineering students with their alma mater. It offers a platform for alumni to share their experiences, network with peers and current students, and celebrate their journey. The event enabled students to deliver speeches, cultural performances, interactive sessions, and a nostalgic walk down memory lane, strengthening the bond between the past and present of the institution.

Student Achievements 2024-25

Event Name	**19th Avishkar Research Convention**
Team Members	**Harsh Mali, Rushabh Patil, Ankit Purohit**
Venue/Organized By	**University of Mumbai**
Brief Description	**Avishkar is Inter-collegiate/ Institute/ Department Research convection for colleges organized by MU.**
Position Obtained	**Qualified in Top 20 teams out of 600 teams.**

Photographs	
Event Name	**VNPS'25**
Team Members	**Anant Chawda, Manjiri Mhatre , Pritesh Dolai**
Venue/Organized By	**Vidyavardhini's College of Engineering and Technology, Vasai**
Brief Description	**VNPS'25 is the Project competition Vidyavardhini's College of Engineering and Technology**
Position Obtained	**1ˢᵗ Price**
Photographs	
Event Name	**VNPS'25**

Team Members	**Shreya Nair, Yukti payak, Nishtha Bhati**
Venue/Organized By	**Vidyavardhini's College of Engineering and Technology, Vasai**
Brief Description	**VNPS'25 is the Project competition Vidyavardhini's College of Engineering and Technology**
Position Obtained	**1st Price**
Photographs	
Event Name	**Imperia 2K25**
Team Members	**Omkar Chaudhari, Prachiti Patil, Chirag Bhoir**
Venue/Organized By	**CSI, Viva Tech.**
Brief Description	**Project competition organised by Department of Computer Engineering, Viva Institute of Technology.**
Position Obtained	**3rd Price**

Photographs	
Event Name	**Imperia 2K25**
Team Members	**Anant Chawda, Manjiri Mhatre, Pritesh Dolia**
Venue/Organized By	**CSI, Viva Tech.**
Brief Description	**Project competition organised by Department of Computer Engineering, Viva Institute of Technology.**
Position Obtained	**1ˢᵗ Price**
Photographs	

Event Name	**Imperia 2K25**
Team Members	**Neha Hosbet, Aparna Rane , Rahul Prajapati**
Venue/Organized By	**CSI, Viva Tech.**
Brief Description	**Project competition organised by Department of Computer Engineering, Viva Institute of Technology.**
Position Obtained	**2nd Price**
Photographs	
Event Name	**Imperia 2K25**
Team Members	**Darshan Dhamode, Ranjit Narlya, Danish Shaikh**
Venue/Organized By	**CSI, Viva Tech.**
Brief Description	**Project competition organised by Department of Computer Engineering, Viva Institute of Technology.**

Position Obtained	3rd Price

Event Name	NCRENB 2025
Team Members	SIDDHI JADHAV, KANCHAN VARMA, RUTIKA PATEL
Venue/Organized By	Viva Institute of Technology
Brief Description	National Conference organised by viva institute of technology.
Position Obtained	2nd Price
Event Name	NCRENB 2025
Team Members	Shreya Nair, Yukti payak, Nishtha Bhati
Venue/Organized By	Viva Institute of Technology

Brief Description	**National Conference organised by viva institute of technology.**
Position Obtained	**2ⁿᵈ Price**
Event Name	**SPORTSAGA'25**
Team Members	**Shubham Vijay Kamble**
Venue/Organized By	**Institute of Chemical Technology (ICT)**
Brief Description	**A thrilling intercollegiate sports fest held at ICT(Box Cricket)**
Position Obtained	**Secured the Runner-up position in Box Cricket at Sportsaga'25**
Photographs	
vent Name	**Navrang**

Team Members	**Harsh Mahadev Atakari**
Venue/Organized By	**NMIMS**
Brief Description	**Inter College KHO-KHO compitition**
Position Obtained	**Winner**
Photographs	

Contact

Computer Engineering Department

VIVA Institute of Technology

Shrigaon, Virar (E) 401305

Tel: 0250 – 7770002544 (ext. 161/140)

www.viva-technology.org