



Vishnu Waman Thakur Charitable Trust's  
**VIVA INSTITUTE OF TECHNOLOGY**  
(Approved by AICTE, New Delhi, DTE, Govt. of Maharashtra and Affiliated to the University of Mumbai)  
Shirgoan, Kumbharpada, Virar(E), Taluka - Vasai - 401303, Phone no: 779002544 Website: www.viva-technology.org  
**DEPARTMENT OF COMPUTER ENGINEERING**

# BOOTSTRAP

2023-24

## THE NEWSLETTER OF DEPARTMENT OF COMPUTER ENGINEERING

**DISCLAIMER:** All information provided in this newsletter is for educational & informative purposes only. 'VIVA Institute of Technology' is not responsible for any action or consequences, direct or indirect, arising from the use of this newsletter.

---

For internal circular only, NOT FOR SALE

---

**EDITOR:** Publication Team, Department of Computer Engineering

The department of computer engineering was established in 2009. The department offers a regular undergraduate program in “Computer Engineering” having an 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. This technical event has been undertaken by the department on a constant basis.

### **VISION**

VIVA Institute of Technology strives to impart total quality education by means of equip students with knowledge and skills in their chosen stream, inculcate cultural and ethical values, identify hidden talents, provide opportunities for students to realize their full potential and thus shape them into future leaders, entrepreneurs and above all good human beings.

### **MISSION**

To develop the standard of the institute above benchmark level, providing students with advanced knowledge and latest technology in the chosen discipline by tapping their hidden and obvious potential, moulding them into good and responsible citizens by playing a meaningful role in industry and society.

### **VISION (DEPARTMENT OF COMPUTER ENGINEERING)**

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

### **MISSION (DEPARTMENT OF COMPUTER ENGINEERING)**

- 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)** **DEPARTMENT OF COMPUTER ENGINEERING**

- Graduates will have successful careers 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)** **DEPARTMENT OF COMPUTER ENGINEERING**

- 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.

### **PROGRAMME OUTCOMES**

Engineering Graduates will be able to:

**PO1: Engineering Knowledge:** apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

**PO2: Problem Analysis:** identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

**PO3: Design & Development of Solutions:** design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

**PO4: Conduct Investigation of Complex Problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions.

**PO5: Modern Tools Usage:** create, select and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

**PO6: The Engineer and Society:** apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

**PO7: Environment & Sustainability:** understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

**PO8: Ethics:** apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.

**PO9: Individual & Team work:** function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings

**PO10: Communication:** communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

**PO11: Project management & Finance:** demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

**PO12: Life-long Learning:** recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

## Departmental Advisory Committee for 2023-24

Sr. No.	Name	Designation
1	Shree. Sanjiv Patil	Management
2	Dr. Arun Kumar	Principal
3	Prof. Janhavi Sangoi	In-charge HOD
4	Prof. Reshma Chaudhari	Project Head
5	Prof. Akshata Raut	CSI Head
6	Prof. Bhavika Thakur	Training and Placement Coordinator
7	Mr. Amogh Thakur	Industry Expert
8	Mr. Yadnesh Zagade	Industry Expert
9	Harshal Patil	Student
10	Ram Mangesh	Student
11	Aditi Patil	Alumni
12	Saish Sankhe	Alumni
13	Pooja Mestry	Parent
14	Sanjay Salunkhe	Parent

## Student Testimonials



**Name:** Ishaan Shaikh

**Batch:** 2023-2024

During my time at VIVA Institute of Technology , I have been privileged to be a part of a department that consistently fosters excellence and growth . The professors are truly exceptional, providing knowledge ,guidance and support. Their expertise and dedication to our education have been invaluable , nurturing our passion for Computer Science. I am truly grateful for the opportunities and experience I had in the Department. It has equipped me with a strong foundation in Computer engineering and has instilled in me the confidence to pursue my career in the rapidly evolving field. Thank You to the professors and committees for their unwavering support, guidance and commitment to our growth . I wholeheartedly recommend the computer department at VIVA institute of technology to anyone seeking a comprehensive and rewarding education in computer engineering



**Name:** Nikita Shinde

**Batch:** 2023-2024

.I extend my heartfelt gratitude to the esteemed professors in the computer engineering department for this unwavering dedication and insightful guidance throughout my academic journey. Their expertise not only imparted valuable technical knowledge but also ignited a passion for innovation and problem solving . The vibrant learning environment has fostered in

shaping my skills and preparing me for the challenges in the ever evolving field of Computer engineering. The department's commitment to staying at the forefront of industry trends, coupled with access to cutting edge resources, has been pivotal in my growth as a proficient engineer. I genuinely appreciate the profound impact the department has imparted in my educational and professional development



**Name: Ayush Sharma**

**Batch: 2023-2024**


I chose to study at VIVA Institute of Technology because of its strong reputation for academic excellence and the diverse range of courses it offered. I believe other students should consider our college for the same reasons. The skills I gained at college that have been most useful to me in my career are critical thinking, problem-solving, and effective communication. These skills have empowered me to excel in my professional endeavors and tackle complex challenges with confidence. Several faculty members inspired me to achieve my goals. Their passion for teaching, deep subject knowledge, and support motivated me to strive for excellence. Their mentorship played a significant role in shaping my academic and career path. In one sentence, what I loved most about my time at our college was the vibrant and inclusive community that encouraged personal and academic growth, fostering a lifelong love for learning.

## Department Faculty

<u>1</u>		<p>Name: Prof. Janhavi Sangoi Designation: Incharge H.O.D Qualification: ME Comp. Engg., BE(Inft) Research Interests: Data warehouse, Data Mining, Security</p>
<u>2</u>		<p>Name: Prof. Reshma Chaudhari Designation: Asst. Prof. Qualification: ME EXTC , BE EXTC Research Interests: Mobile Communication, Digital Signal Processing</p>
<u>3</u>		<p>Name: Prof. Saniket Kudoo Designation: Asst. Prof. Qualification: ME Comp. Engg., BE Comp. Engg. Research Interests: Cloud Computing, Mobile Computing, N/W Security, Computer N/W</p>
<u>4</u>		<p>Name: Prof. Akshata Raut Designation: Asst. Prof. Qualification: ME Comp. Engg., BE Comp. Engg. Research Interests: Data Mining and Sentiment Analysis.</p>

5		<p>Name: Prof. Bhavika Thakur Designation: Asst. Prof. Qualification: ME Comp. Network and Info. Sec., BE Comp Science and Technology Research Interests: Cloud Computing, Cyber Security, Data science</p>
6		<p>Name: Prof. Kirtida Naik Designation: Asst. Prof. Qualification: PhD. (Pursuing), ME(Computer Engineering), BE(Computer Engineering) Research Interests: Machine Learning, Deep Learning</p>
7		<p>Name: Prof. Vinal Waghela Designation: Asst. Prof. Qualification: MTech(Information Technology), BE(Computer Engineering) Research Interests: Machine Learning, Deep Learning</p>
8		<p>Name: Prof. Akshata S. Raut Designation: Asst. Prof. Qualification: ME(Computer Engineering), BE(Computer Engineering) Research Interests: Big Data Analytics, Internet of Things</p>



	<p>Name: Prof. Hima Kantharia                  Designation: Asst. Prof.                  Qualification: BE (Computer Science and Engineering)                  Research Interests: Data Mining &amp; Cyber Security</p>
---	---

### Recent Publications by Faculty

Sr. No.	Name of the faculty	Paper Title	Published / Presented
1	Janhavi Sangoi	Smart Eyes on the Horizon: A survey of Real-Time CCTV Innovations	NCRENB 2024
		COP: Target Recks using YoLov8	NCRENB 2024
		COP : TARGET RECKS USING YOLOv8	International Journal of Novel Research and Development
2	Reshma Chaudhari	Medichain - Securing pharma supply chain with blockchain	NCRENB 2024
		Employeezy - Your Pathway to Streamlined Workforce Management	NCRENB 2024
		A Review on Hospital Seat Detection System	NCRENB 2024
		Secure Bioguard	NCRENB 2024
		RoadEye - A Safer Drive	NCRENB-2024
		Neurosentinel Prodigy	NCRENB-2024

3	Saniket Kudoo	I-Vigilance Intravenous Drip Monitoring & Controlling System	NCRENB-2024
		UNIPASS - A Ticketing System	NCRENB-2024
		UNIPASS: A TICKETING SYSTEM	International journal Of creative research 2024
		IVigilance - IOT based Intravenous drip monitoring and controlling system	International Journal of Creative Research Thoughts
		NEUROSENTINEL PRODIGY	International journal of novel research and development
		ROADEYE – A SAFER DRIVE	International journal of novel research and development
4	Bhavika Thakur	ExpersionXbot: Prakriti Assessment System	NCRENB-2024
		A review on Blockchain based legal vault	NCRENB-2024
		Soul Sueveyor : Mental Health monitoring using Business Intelligence and Sentiment Analysis	NCRENB-2024
5	Kirtida Naik	Seva rohi	NCRENB-2024
		Nisarchna	NCRENB-2024
		pharm Easy	NCRENB-2024
		Infrastructural model development system using AI ML with natural calamities prediction	International journal of novel research and development
		SEVA-ROHI-Instant help, immediate Hope	International journal of novel research and development

		PHARMAEASY	International journal of novel research and development
		Inferential survey on oncology information systems using predictive analysis	ICICC 2024
6	Vinal Waghela	A Comparative Analysis of Machine Learning and Deep Learning Techniques for Speech Emotion Recognition	IJIRT 2024
7		Advent of Automation in Tourism	NCRENB 2024
		SmartPoshan-Poshan Tracking for Students	NCRENB 2024
	Akshata S.Raut	Real Time CCTV Surveillance System	NCRENB 2024
		Legal-Bot	NCRENB 2024
8		Predict-XI Best Fantasy Team Forecasting	NCRENB 2024

## Faculty Role and Responsibilities

Name of Faculty	Departmental Responsibilities
Prof. Janhavi Sangoi	<ol style="list-style-type: none"> <li><b>1. In-charge HOD</b></li> <li><b>2. Exam Coordinator</b></li> <li><b>3. NBA Head</b></li> <li><b>4. Timetable Head</b></li> <li><b>5. Faculty Feedback coordinator / elective email id</b></li> <li>6. NBA TF # 5,7 (with Lab assistance)</li> <li>7. NAAC Criterion 3 (With Sampada Patil)</li> <li><b>8. MOU Co-ordinator</b></li> </ol>
Prof. Reshma Chaudhari	<ol style="list-style-type: none"> <li><b>1. DAC &amp; parent Meet Head</b></li> <li><b>2. Faculty Participation Head</b></li> <li>3. NBA TF #1</li> <li>4. NAAC Criterion 1</li> <li><b>5. Departmental quality assurance head</b></li> <li>6. STTP &amp; Academic Audit Coordinator</li> <li><b>7. Academic Project Head (Major Project/ Mini Project)</b></li> <li><b>8. Academic Project related Competitions Coordinator (Avishkar/CIIA/Minor/etc. )</b></li> <li>9. Time Table In charge</li> <li>10. Publication Newsletter FP Data</li> </ol>
Prof. Saniket Kudoo	<ol style="list-style-type: none"> <li><b>1. Head of Weak-Bright student's activity</b></li> <li><b>2. Student Non-academic project competition Participation Head(Hackathon/E-yantra/etc)</b></li> <li>3. Departmental website coordinator</li> <li>4. Departmental Admission committee coordinator</li> <li>5. Discipline Coordinator</li> <li><b>6. Publication Head (TECH-NEXT Magazine, VIVA-TECH IJRI Journal, Newsletter, Youtube Channel)</b></li> <li>7. NBA TF #3</li> </ol>

	<ul style="list-style-type: none"> <li>8. NAAC (Criterion 5, Mayur)</li> <li>9. Lab Head</li> </ul>
Prof. Akshata Raut	<ul style="list-style-type: none"> <li><b>1. CSI Head</b></li> <li><b>2. File handling head</b></li> <li><b>3. Alumni Head</b></li> <li>4. Publication (Newsletter, YouTube, TECH-NEXT Magazine)</li> <li>5. NBA TF #6</li> <li>6. NAAC (Criterion 6)</li> <li>7. Lab In-charge (Lab 2)</li> <li><b>8. LOR System</b></li> </ul>
Prof. Bhavika Thakur	<ul style="list-style-type: none"> <li>1. NBA TF #6</li> <li>2. NAAC (Criterion 2)</li> <li><b>3. Training and Placements coordinator</b></li> <li><b>4. Internship coordinator</b></li> <li><b>5. Discipline Head/ Anti-Ragging &amp; Grievance file</b></li> <li>6. Lab In-Charge (Lab 6)</li> <li>7. <b>Class In-charge -BE</b></li> </ul>
Prof. Kirtida Naik	<ul style="list-style-type: none"> <li>1. NBA #2</li> <li>2. NAAC (Criterion 1)</li> <li>3. Lab In-charge (Lab 3)</li> <li><b>4. Term-Test Head</b></li> <li><b>5. Result Analysis (SE,TE,BE) Head</b></li> <li><b>6. Virtual Lab Head college level</b></li> <li><b>7. Mentor System Head</b></li> <li>8. Publication team (VIVA Tech IJRI Journal, Tech-Next Magazine, Newsletter)</li> <li><b>9. Departmental Calendar Head</b></li> </ul>
Prof. Vinal Waghela	<ul style="list-style-type: none"> <li><b>1. Departmental Notices &amp; Meeting Minutes</b></li> <li><b>2. Class In-charge -TE</b></li> <li>3. Publication (Newsletter, YouTube, VIVA Tech IJRI Journal)</li> <li>4. Lab In-charge (Lab 4)</li> <li>5. NBA TF #4</li> <li>6. NAAC (Criterion 4, Dinesh Ugale)</li> <li>7. Virtual Lab Coordinator department level</li> <li>8. File Handling (coordinator)</li> </ul>

Prof. Akshata S Raut	<ol style="list-style-type: none"> <li>1. Lab In-charge (Lab 7)</li> <li>2. NBA TF #3</li> <li>3. <b>Term Test Head</b></li> <li>4. NAAC 6</li> <li>5. Publication (VIVA Tech IJRI)</li> <li>6. <b>Departmental Calendar Coordinator</b></li> <li>7. Departmental Achievement and Participation gathering</li> <li>8. Noticeboard Head</li> </ol>
Prof. Hima Kantharia	<ol style="list-style-type: none"> <li>1. <b>Class In-charge –SE</b></li> <li>2. Lab In-charge(Lab 1)</li> <li>3. File Handling (coordinator)</li> <li>4. NAAC 2</li> <li>5. NBA TF #5,7</li> <li>6. Publication (VIVA Tech IJRI Journal)</li> <li>7. <b>Result Analysis (SE,TE,BE) Head</b></li> <li>8. <b>Department Publicity head -Youtube, Facebook, Insta etc</b></li> </ol>

## Training Programs / Seminars / Workshops attended by Faculty

Sr. No	Name	Training Programme
1	Janhavi Sangoi	<ul style="list-style-type: none"> <li>● Data Science in Healthcare Staffing Industry</li> <li>● Cloud Practitioner</li> <li>● Cloud practitioner AWS</li> <li>● Artificial intelligence and machine learning</li> <li>● STTP:Scientific Research Paper Writing and Intellectual Property Rights</li> <li>● Time Management</li> <li>● Transformative NAAC Reform 2024</li> <li>● UGC guidelines for R&amp;D cell establishment</li> <li>● Innovative Teaching Methods for 21st century</li> <li>● NPTEL FDP on NATE</li> <li>● Programming Essentials in Python</li> </ul>

2	Reshma Chaudhari	<ul style="list-style-type: none"> <li>● STTP:Scientific Research Paper Writing and Intellectual Property Rights</li> </ul>
3	Saniket Kudoo	<ul style="list-style-type: none"> <li>● STTP:Scientific Research Paper Writing and Intellectual Property Rights</li> <li>● AI TOOLS FOR TEACHING &amp; RESEARCH</li> <li>● Cloud Practitioner by AWS</li> </ul>
4	Bhavika Thakur	<ul style="list-style-type: none"> <li>● Workshop on “Innovative Teaching Methods for the 21st Century”</li> <li>● Workshop on “AI Tools for Teaching and Research”</li> <li>● Workshop on “E-content development &amp; Interactive Resources”</li> <li>●</li> </ul>
5	Kirtida Naik	<ul style="list-style-type: none"> <li>● STTP:Scientific Research Paper Writing and Intellectual Property Rights</li> </ul>
6	Vinal Waghela	<ul style="list-style-type: none"> <li>● STTP:Scientific Research Paper Writing and Intellectual Property Rights</li> <li>● AI tools for reaching and research</li> <li>● UGC guidelines for curriculum and credit framework for UG</li> <li>● Android Basics with Compose</li> </ul>
7	Akshata S.Raut	<ul style="list-style-type: none"> <li>● FDP on Cloud Practitioner (AWS)</li> <li>● STTP on Scientific Research paper writing &amp; Intellectual Property Rights</li> <li>● Online FDP Salesforce administrator</li> <li>● Online Faculty Workshop on Innovative Teaching Methods for 21st century</li> <li>● Online Workshop on AI Tools for Teaching &amp; Research</li> <li>● E- Content Development &amp; Interactive Resources</li> <li>● National Conference on Role of Engineers in Nation Building 2024</li> <li>● Online FDP on Data Science &amp; its Applications</li> <li>● NPTEL Online Certification on Introduction to Internet of Things</li> <li>● FDP on Introduction to IoT</li> <li>● Online Workshop on AI Tools for Teaching Learning Process</li> <li>● National level intensive workshop come hands on training on Latex for writing research papers and scientific documents</li> <li>● National level workshop on ChatGPT: Effective content Creation Techniques</li> </ul>

<b>8</b>	Hima Kantaria	<ul style="list-style-type: none"> <li>● STTP:Scientific Research Paper Writing and Intellectual Property Rights</li> <li>● Innovative Teaching Methods for the 21st Century</li> <li>● Andriod basics with compose</li> </ul>
----------	---------------	--

## Laboratories

No.	Laboratory Name	Lab No.	Location
	Server Room	Lab 1	A-301
<b>1</b>	Database Management System Lab	Lab 1	A-302
<b>2</b>	Data Structure and algorithm Lab	Lab 2	A-303
<b>3</b>	Software Engineering and Web development Lab	Lab 3	A-304
<b>4</b>	Networking Lab	Lab 4	A-305
<b>5</b>	Project Lab	Lab 5	A-307
<b>6</b>	Computer Programming Lab	Lab 6	A-308
<b>7</b>	Operating System Lab	Lab 7	A-309
<b>8</b>	Language Lab	Lab 8	A-310



## Class Room Details

No	Class	Room No.
1	S.E. Comp. Engg.	B-302
2	T.E. Comp. Engg.	B-303
3	B.E. Comp. Engg.	B-301

## Faculty Development Initiatives

### 1. Department Library

The department strives to provide with the best possible opportunity for the staff and the students to enhance their knowledge, and the departmental library is one initiative taken by the department in this regard.

The departmental library is managed by a staff in-charge. The library gives easy access to the books and research projects for both the faculty and students. Currently the departmental library has over 300 books.

### 2. Appraisal System

An effective performance appraisal system is a vital instrument for gauging and improving the performance and contribution of the faculty. The institute has a well-defined appraisal and well formatted appraisal system and it is effectively implemented in the department. Every teaching faculty submits self-appraisal forms to the head of the department. The head of the department evaluates the self-appraisal form filled by the faculty and comments on the performance of the faculty. This form is then sent to the principal.

In the presence of the head of department, the principal conducts a one to one meeting with all the teachers and gives feedback/suggestions/comments on the performance. The performance appraisal is carried out in each semester. In every academic year awareness is also created among the faculty about the importance of performance appraisal, in the department.

### 3. Feedback System

According to the schedule mentioned in the academic calendar, the HOD of the department takes offline feedback from students. Students are provided with a copy of feedback form which assesses the staff on the basis of parameters. Parameters used to assess the faculties are Way of teaching, Extent of understanding the subject & satisfaction, Ability to clear the doubts, Attitude towards the students, Punctuality, Interaction during lecture, Motivation.

Students also give comments about faculties in a written form. Ratings are calculated on the basis of score and comments given by the students. Depending on the comments and ratings by the students, HOD communicates and guides the staff regarding further improvements through corrective actions. Second meeting with the students is conducted in the same semester to assess the effectiveness of the corrective action undertaken.

### 4. Short term Training Program

Topic Name: AICTE-ISTE Approved One week Short Term Training Program on “Application of Power BI, Tableau & Advanced Excel in Engineering”

Name of the Guest Speakers: Mr. Ashish Shetty, Ms. Esha Prakash, Mr. Shoeb Shaikh, Mr. Ketan Rabhadia

Date: 24th June – 29th June 2024

Time: 09.30 am to 4.00 pm

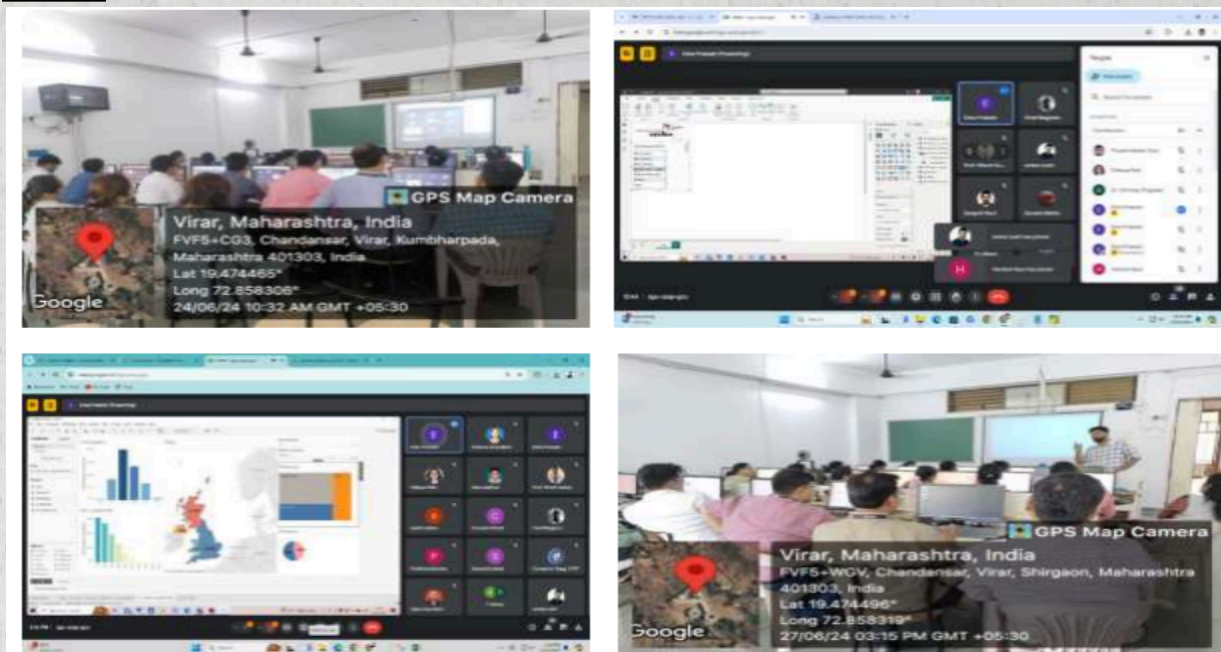
#### **Programme Summary/Details:**

The AICTE-ISTE Approved One Week Short Term Training Program on “Application of Power BI, Tableau & Advanced Excel in Engineering” organized by the Department of Mechanical Engineering, Department of Computer Engineering, Department of Computer Science Engineering (AI & ML), Department of MCA, VIVA Institute of Technology, Virar (E) was a comprehensive course on the growing field of Data Analytics, Data Science and Presentation. The workshop brought together researchers, academic experts, engineers & scientists from industry and R&D institutes to discuss the application of Power BI, Tableau & Advanced Excel in Engineering. The first day of the training program commenced with an introduction to Power BI, a powerful business analytics tool by Microsoft. The session aimed to familiarize participants with the basic concepts of Power BI and lay a foundation for subsequent learning in data manipulation, visualization, and reporting. The second day of the training program delved deeper into Power BI with a focus on DAX, a formula language used to create custom calculations in Power BI. The day's sessions were structured around project-based learning, where participants applied DAX expressions to manipulate data and create interactive reports. The third day of the training program introduced participants to Tableau, a leading data visualization and analytics tool. The sessions emphasized practical skills in creating compelling visualizations, interactive

dashboards, and using data storytelling techniques to communicate insights effectively. The fourth day of the training program aimed to deepen participants' understanding of Tableau by exploring advanced analytics capabilities. The sessions were designed to equip participants with skills in predictive analytics, statistical analysis, and advanced visualization techniques using Tableau. The fifth day of the training program concentrated on Advanced Excel functions that are essential for performing complex calculations, data analysis, and enhancing productivity in engineering tasks. The sessions aimed to equip participants with practical skills in using functions such as IF, SUM, SUMIF, SUMIFS, COUNT, COUNTIF, COUNTIFS, VLOOKUP, HLOOKUP, INDEX, MATCH, INDEX & MATCH, IFERROR, and CHOOSE.

The sixth day of the training program continued to deepen participants' expertise in Advanced Excel functions and tools crucial for manipulating, analyzing, and presenting engineering data effectively. The sessions encompassed a wide range of functions and techniques designed to enhance participants' proficiency in Excel for engineering applications. In conclusion, the AICTE-ISTE Approved One Week Short Term Training Program on “Application of Power BI Tableau & Advanced Excel in Engineering” was an informative and practical course that provided participants with a comprehensive knowledge of Power BI, Tableau & Advanced Excel. The course provided the participants with a practical understanding of Power BI and lay a foundation for subsequent learning in data manipulation, visualization, and reporting. The STTP emphasized practical skills in creating compelling visualizations, interactive dashboards, and using data storytelling techniques to communicate insights effectively by using Tableau. Also the concentrated on Advanced Excel functions that are essential for performing complex calculations, data analysis, and enhancing productivity in engineering tasks .The course was beneficial for researchers, and professionals from the academic and industrial sectors who are interested in understanding the application of Power BI, Tableau & Advanced Excel in Engineering.

### **Photos:**

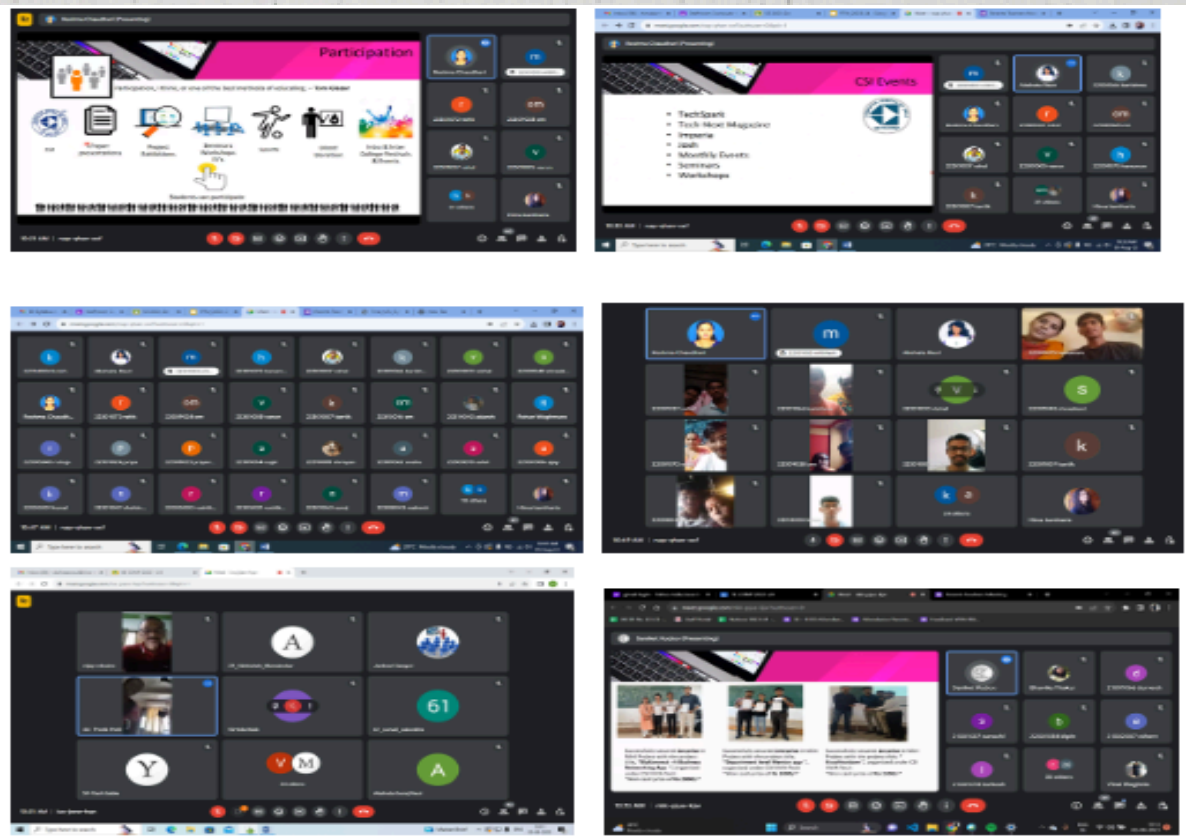


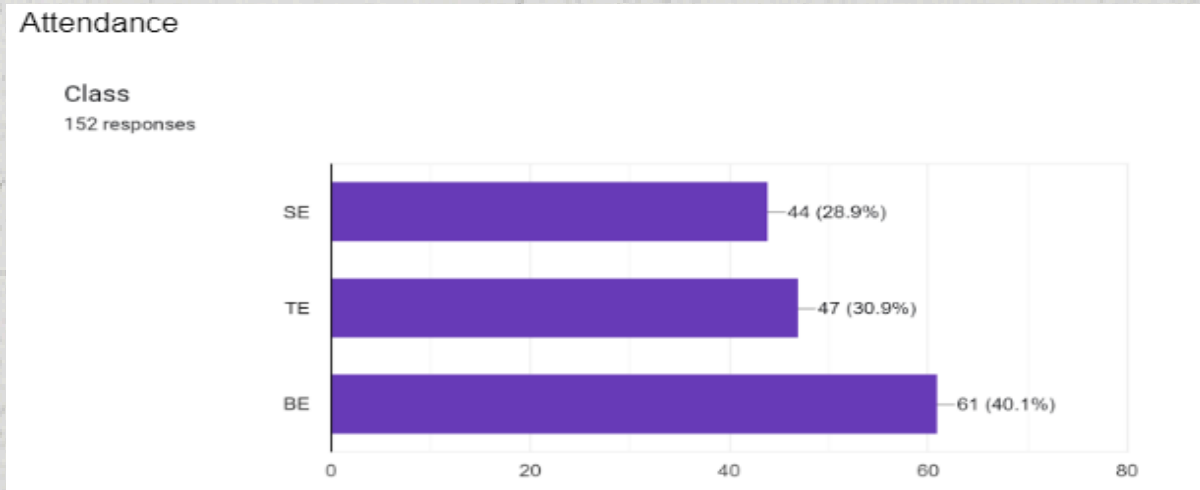
## 5. Parents Meet' 23-24

### Report of Parents Teachers Meeting

Date :- 5th Aug 2023

For the academic year 2023-24 the parents teachers meet of all SE, TE and BE students was held on 5th Aug 2023 through online mode. The notice for the same was sent to all students in prior. The meeting was held in order to discuss the performance of students with their parents. Also feedback regarding their studies, health and performance were discussed with their parents. In this meeting all departmental activities, previous years' achievements and results were discussed. Total 152 parents attended the meeting.





## 6. Technical Magazine

([HTTP://WWW.VIVA-TECHNOLOGY.ORG/NEW/TECH-NEXT](http://www.viva-technology.org/new/tech-next))



### A Biannual Technology Review Magazine

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 the internet has become a necessity. And these technologies have undergone changes and updates on a very frequent basis. For this reason a Technical magazine is like a holy book for the people who follow technology as a passion.

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 Department of Computer Engineering, 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 the Department of Computer Engineering 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**.

## Initiatives for Students and CSI

### 1. Technical Magazine

TECH-NEXT is a Technology Review Magazine Published by the Computer Engineering Department of VIVA Institute of Technology. The Magazine is published twice in a year. The Magazine was launched on 5<sup>th</sup> October, 2018 in the presence of Management members of VIVA Trust, Principal of VIVA Institute of Technology and staff members of the Computer Engineering Department. Having secured International Standard Serial Number (Online), **ISSN (Online): 2456-5105**, it provides a great platform for the students to share and acquire knowledge about the new technologies that are going to shape the future of the generation.

Students took great interest in this initiative and in the first issue of the second volume majority of the technical articles published were from the students. In the second volume more than 90% of the articles have been contributed by the students.



The screenshot displays the website of the ISSN National Centre, India National Science Library. At the top left is the ISSN logo (INTERNATIONAL STANDARD SERIAL NUMBER INDIA). In the center is the text "ISSN National Centre, India National Science Library" with an open book icon below it. On the top right is the NISCAIR logo (निस्कैयर NISCAIR). Below the header is a navigation menu with buttons for "About ISSN", "Apply Online", "Application Status", "Search ISSN", "Guidelines", "FAQs", and "Contact Us". The main content area features a large blue banner with the text: **YOUR APPLICATION IS SUCCESSFULLY PROCESSED** and **YOUR ISSN IS : 2456-5105**. Below this, the title of the publication is listed: **TITLE - TECH-NEXT: A Biannual Technology Review Magazine (Online )**.

### 1. Monthly Event-I : 3rdAUGUST 2023

The CSI-VIVA successfully organized the first "monthly event" of this academic year at the Computer Engineering Department, VIVA Institute of Technology. The event was conducted by CSI Members, and was attended by Computer Engineering students. The event was conducted for the students to encourage them and also have technical knowledge. Event had multiple games and technical rounds and with each round participants had to complete the task to get qualified to the next level.

Students from the department shared their participation. Finally, Everyone in the department had fun in this event. There was a large participation from department staff and students of S.E, T.E and B.E Computer Engineering.

Overall it was a Fun Event.



## 2. Seminar on Building gaps between industry & academia :7 August 2023

The CSI-VIVA successfully organized the seminar on **“Building gaps between industry and academia”** at the Computer Engineering Department, VIVA Institute of Technology. The lecture was conducted by “Mr. Amey Raut”. He is a serial entrepreneur, Founder of OTET infosystems and Director of TechTantra Automation Pvt Ltd. He has achieved a Master of Science in Management of Technology and a Master of business administration(MBA in general ) from Murray State University, Kentucky, USA. His software development company OTET infosystems which he started along with his partner Parag Nerurkar back in 2017. Mr. Amey Raut’s another company Techantra Automation pvt ltd is into IOT and electronics related product development. Recently their home automation products division which they have developed completely in house has been acquired by Pune based MNC. He covered all the points from the very basics, starting by explaining to the students about the importance of industry and academia .There was a large participation from students of S.E and T.E of Computer Engineering.

Overall it was an Informative Event.





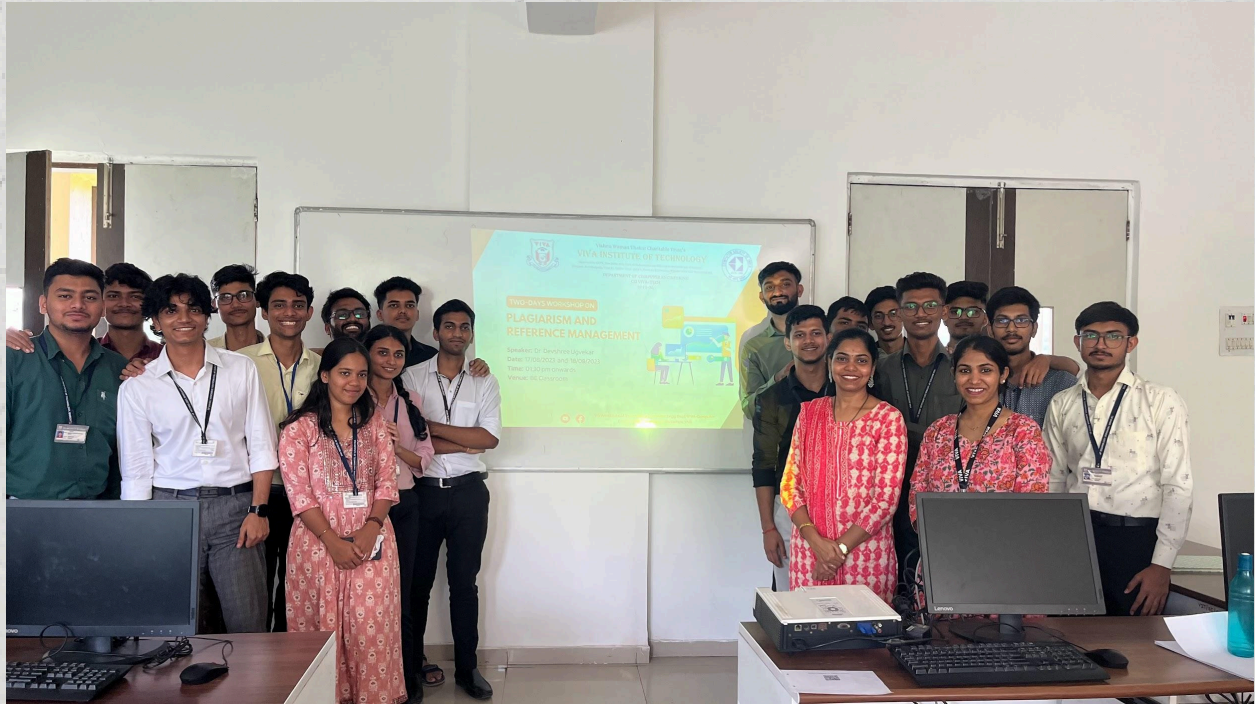
### 3. Workshop on Algorithmic foundation: OOP & algorithms: 9 ,10 August 2023

The CSI-VIVA successfully organized A two day workshop on “ALGORITHMIC FOUNDATIONS: OOP AND ALGORITHMS” at the Computer Engineering Department, VIVA Institute of Technology. The lecture was conducted by “Prof. Smita Sankhe”. She is working in the department of Computer Engineering at K.J. Somaiya College of Engineering from the last 17 years as an assistant professor. Her areas of interest include Programming, Algorithm Analysis, Machine Learning, Deep Learning, and Data Science. She has guided more than 30 undergraduate and 10 Post-graduate projects in a variety of thrust areas. She covered all the points from the very basics, starting by explaining to the students about the algorithm. There was a large participation from students of S.E of Computer Engineering. Overall it was an Informative Workshop.



#### 4. Workshop on Plagiarism & reference management: 17 , 18 August 2023

The CSI-VIVA successfully organized A two day workshop on “ PLAGIARISM AND REFERENCE MANAGEMENT” at the Computer Engineering Department, VIVA Institute of Technology. The lecture was conducted by “Dr. Devshree Ugvekar”. She holds Master’s degree in Library & Information Science in 2009 and achieved 1st rank in University of Mumbai. She got selected for UGC approved Post Graduate short-term course in Digital Library & Information Management from TATA Institute of Social Sciences in 2016-2017. She has been awarded Ph.D. in the field of Library & Information Science on the topic of “Academic Plagiarism: Innovative Integration of Libraries in Higher Education”. She has provided consultation, training to the faculties, students and researchers related to the Academic Writing, research tools & techniques aiming to inculcate research habits and provide knowledge base to research scholars. She covered all the points from the very basics, starting by explaining to the students about plagiarism to citation and research papers. There was a large participation from students of B.E of Computer Engineering Overall it was an Informative Workshop.



### 5. Josh : 5th September 2023

The CSI-VIVA successfully organized the monthly event “JOSH” of this academic year at the Computer Engineering Department, VIVA Institute of Technology on the occasion of “TEACHERS DAY”. The event was conducted by CSI Members, and was attended by Computer Engineering students as well as faculty members. The event was conducted to express our gratitude towards our teachers. Event had multiple games such as a balloon cup game, guess the teacher and guess the lyrics. students also participated in a talent show competition.

Students from the department shared their participation. Finally, Everyone in the department had fun in this event. There was a large participation from department staff and students of S.E, T.E and B.E Computer Engineering. Overall it was a Fun Event.



### 6. Techchase: 14th and 15th SEPTEMBER 2023

The CSI-VIVA successfully organized the most exciting and awaiting event “TECHCHASE” of this academic year at the Computer Engineering Department, VIVA Institute of Technology on the occasion of “ENGINEERS DAY”. The event was conducted by the entire college, and was attended by Computer Engineering students as well as it was also an inter college fest. Students from various colleges attended our event. TechChase 2023 was not just an event; it was an immersive experience that transcended the boundaries of traditional tech gatherings. It served as a melting pot of ideas, innovation, and inspiration, allowing participants to dive headfirst into the future of technology. The event was characterized by a series of engaging activities. Event had 5 games overall in the department of computer engineering. This event truly embodied the spirit of TechChase, where technology and fun merged seamlessly to create an environment where participants could learn, compete, and have an amazing time. Games such as Space Fusion, Gamesterbay, Flip tac toe, Bgmi and Galactic escape were there in the computer department. Game “GALACTIC ESCAPE” won the BEST GAME in TECHCHASE 2023. This is the second consecutive year that the Department of computer engineering has won the best game.

It merged innovation, learning, and enthusiasm, emphasizing that tech isn't just a job—it's a dynamic realm where dreams come true. As the event ended, attendees left with fresh

knowledge, renewed inspiration, and a global tech community connection. It reminded us that tech isn't just about the endgame; it's an exhilarating journey of discovery, collaboration, and innovation. Students from every department shared their participation. There was a large participation from department staff and students of S.E, T.E and B.E Engineering.

Overall it was a Fun Event.



### 7. Workshop on Python for Data Science: 26,27 September 2023

The CSI-VIVA successfully organized A two day workshop on “PYTHON FOR DATA SCIENCE” at the Computer Engineering Department, VIVA Institute of Technology. The lecture was conducted by “Prof. Shraddha More”. She is an Assistant Professor and Deputy HOD at St. John College of Engineering and Management, pursuing a Ph.D. in Technology. Her research interests include on-device machine learning, computer vision, data science, machine learning, internet programming, Python programming, network security, digital logic design, big data analytics, and MERN/MEAN stack development. She has 11 years of academic experience, at St. John College of Engineering and Management, and Universal College of Engineering, Vasai. She is a life member of ISTE and IAENG and has published in various journals and conferences. Her research has been published in various journals, such as Flusser Studies, GIS Science Journal, Compliance Engineering Journal, IOSR Journal of Computer Engineering.

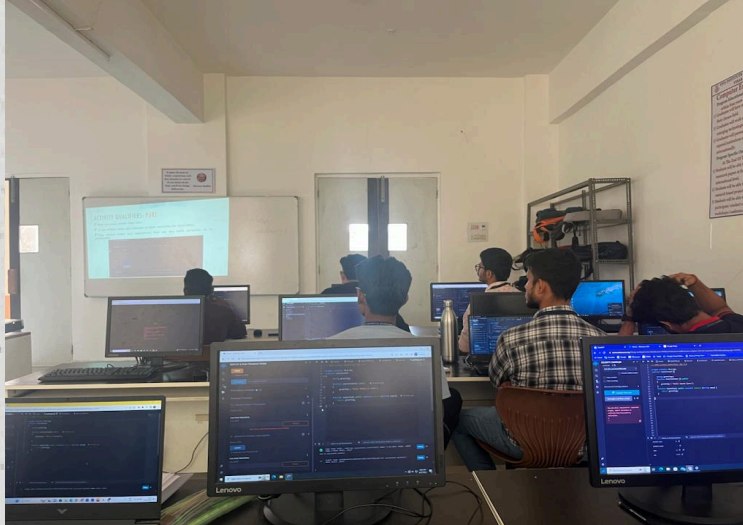
She covered all the points from the very basics, starting by explaining to the students about Python. There was a large participation from students of T.E of Computer Engineering Overall it was an Informative Workshop.



### **8. Workshop on Blockchain: 26,27 September 2023**

The CSI-VIVA successfully organized A two day workshop on “ BLOCKCHAIN” at the Computer Engineering Department, VIVA Institute of Technology. The lecture was conducted by “Prof. Vivian Lobo”. He holds a Master's degree of Computer Engineering in 2017. Currently he is pursuing a Phd in Technology. He is currently working as an assistant professor in the Department of Computer Engineering at St. John College of Engineering and Management. He also has industry experience as a Senior Academic Research Editor at Crimson Interactive Pvt. Ltd organization. He has guided more than 10 undergraduate projects in a variety of thrust areas. His areas of interest include Software Engineering, Data warehousing and mining, Blockchain, Machine learning, Deep learning, Python Programming, Cloud Computing, Artificial intelligence and Internet of things.

He covered all the points from the very basics, starting by explaining to the students about blockchain. There was a large participation from students of B.E of Computer Engineering Overall it was an Informative Workshop.



### 9. Workshop on Language Independence: 9,10 October 2023

The CSI-VIVA successfully organized A five day workshop on “LANGUAGE INDEPENDENCE” at the Computer Engineering Department, VIVA Institute of Technology. The lecture was conducted by “Mr. Sanjeev Gupta”. He has 17 years of experience in the IT industry. He did his masters from IIT-Bombay. He has worked with many companies such as Wipro, TCS, M-Doc, Xerox and many more. He is the co-founder of SDAC infotech (a leading IT firm). He is currently working as Technical Head at SDAC infotech.

He covered all the points from the very basics, starting by explaining to the students about . There was a large participation from students of S.E and T.E of Computer Engineering Overall it was an Informative Workshop.



### 10. Seminar on Importance of technical communities: 26 September 2023

The CSI-VIVA successfully organized the seminar on “**Importance of technical communities**” at the Computer Engineering Department, VIVA Institute of Technology. The lecture was conducted by “Mr. Saksha Gotad”. He is a student of TE computer engineering at VIVA Institute of Technology. He actively participated in technical communities and seminars outside the college and was enthusiastic to share his experience with his juniors in the department.

He covered all the points from the very basics, starting by explaining to the students about the importance of involvement in technical communities and making contacts with industry experts in the field. There was a large participation from students of S.E of Computer Engineering.

Overall it was an Informative Event.





### 11. Seminar on Data Science and Generative AI: 13th February 2024

The CSI-VIVA successfully organized the seminar on **“Data Science and Generative AI”** at the Computer Engineering Department, VIVA Institute of Technology. The lecture was conducted by “Mr. Shoeb Shaikh and Miss. Esha Prakash”. Shoeb Shaikh is a highly experienced professional with a Master of Engineering degree from Mumbai University and over 12 years of diverse experience across multiple fields. Presently, he holds the position of Automation Test Engineer and Learning and Development Head at Testriq QA lab, LLP. His expertise spans various domains, including Manual Testing, API Testing, Automation Testing, Data Science, and Machine Learning. He is deeply involved in ensuring the quality and efficiency of software testing processes while also spearheading initiatives for learning and development within the organization. Esha Prakash is a B.Tech graduate from SRM Chennai with six years of experience in the field of Data Science. She has a diverse professional background, having worked as a Data Scientist at LTI and as a Data Science expert for various renowned brands, including the Bombay Stock Exchange. Currently, Esha is associated with Testriq QA lab, LLP, where she oversees the Data Science and Data Analytics Department. Her domain interests include Big Data Analytics, Machine Learning, Natural Language Processing, Generative AI, Prompt Engineering, and Big Data. Additionally, Esha is an author and has written the book 'Love Peace Joy Light', available worldwide on Amazon as an eBook. They covered all the points from the very basics, starting by

explaining to the students about the importance of data science and generative AI .There was a large participation from students of S.E, T.E and B.E of Computer Engineering.

Overall it was an Informative Event.



## 12. Guest Lecture on Advanced Microprocessor: 14 March 2024

The CSI-VIVA successfully organized the seminar on “**Advanced Microprocessors**” at the Computer Engineering Department, VIVA Institute of Technology. The lecture was conducted by “Dr. Sunny Sall”. He is an Assistant Professor at St. John College of Engineering and Management, the individual likely holds an academic position focused on teaching, research, and potentially serving within the institution. He has conducted several research papers to discover new things in their field and share their findings with others. He will share his expertise in the field of microprocessors.

He covered all the points from the very basics, starting by explaining to the students about the importance of Advanced Microprocessors. There was a large participation from students of T.E and B.E of Computer Engineering.

Overall it was an Informative Event.



### 13. Technical Paper Presentation TechSpark5.0: 27 March 2024

The CSI-VIVA successfully organized the event on “**TECHSPARK 5.0**” at the Computer Engineering Department, VIVA Institute of Technology. Techspark is a place where our department's students present their own technical papers in front of us. It provides students with an excellent opportunity to expand their stockpile of skills while also boosting their confidence. The event was conducted for the students to share their technical knowledge on the technical papers and also to encourage students to showcase their presentation skill and platform for them to present their research papers.

The participants were required to submit their abstracts beforehand, and the final selection was made based on the relevance and quality of the paper. Each presentation was allocated 10 minutes, and further with questions and answers by the panel. The presentations were evaluated by a panel of judges consisting of professors from departments. The evaluation criteria included the relevance of the topic, presentation skills, and the ability to answer questions. The judges were impressed with the quality of the presentations and praised the participants for their in-depth research and presentation skills. The judges also provided constructive feedback to the participants to help them improve their future presentations. The technical paper presentation event was a great success. The event also helped in promoting technical research and innovation

among students. There was a large participation from department staff and students of S.E, and T.E Computer Engineering.

Overall it was a Knowledgeable Event.



#### 14. Project Competition Imperia 2024: 5 April 2024

The CSI-VIVA successfully organized the event on “**Imperia 2024**” at the Computer Engineering Department, VIVA Institute of Technology. Imperia is a place where our department's students present their major and mini projects. It provides students with an excellent opportunity to expand their stockpile of skills while also boosting their confidence with the aim of encouraging innovative and practical projects among students. Our team participated in the competition with a project titled. The event was conducted for the students to share their technical knowledge to our judges and faculty members

This programme was initiated by CSI-VIVA, and it's been for the fourth year in a row. The participants were required to submit their abstracts beforehand, and the final selection was made

based on the relevance. The project was allocated 5 minutes, and further with questions and answers by the judges. The judges were impressed with the quality of the innovative project and praised the participants. The judges also provided constructive feedback to the participants to help them improve their future projects. The intercollegiate project competition was an excellent opportunity for students to showcase our skills and learning. It not only allowed them to present our project to a wider audience but also gave them an opportunity to learn from the other participants' projects.

Overall, the intercollegiate project competition was a valuable learning experience for the team, and gained new insights and skills that they will carry with them throughout their academic and professional journey. There was a large participation from department staff and students of S.E,T.E and BE Computer Engineering. Overall it was a Knowledgeable Event.



## BE Projects 2023-24

Sr. No.	Guide Name	Project Title
1	Janhavi Sangoi	PLEKSUS : Inspect the Suspect
2	Janhavi Sangoi	COP: Target Recks
3	Reshma Chaudhari	SecureBiogaurd : Next Generation Fingerprint System
4	Reshma Chaudhari	Medichain - Securing Pharma supply chain with blockchain
5	Reshma Chaudhari	Employeezy- Managing Employees becomes Easier
6	Saniket Kudoo	RoadEye - A Safer Drive
7	Saniket Kudoo	UniPass
8	Saniket Kudoo	NeuroSentinel Prodigy: Next-Gen Brain Lesion Analysis
9	Saniket Kudoo	IVigilance - Intravenous Drip Monitoring and Controlling System
10	Reshma Chaudhari	CogNavi: Real-time crowd oversight and vacancy notification.
11	Akshata S. Raut	HazeXpose : Revitalizing Multispectral Satellite Imagery
12	Bhavika Thakur	Legal Vault: Immutable Evidence
13	Bhavika Thakur	ExcursionExpert
14	Bhavika Thakur	Soul Surveyor :- System for Sentimental analysis of Mental Health using BI
15	Kirtida Naik	Nisarchana
16	Kirtida Naik	Pharma-Easy
17	Kirtida Naik	SEVAROHI
18	Reshma Chaudhari	InveStar
19	Saniket Kudoo	"Atmanirbhar Instructor" - Personal Ai GYM Trainer
20	Bhavika Thakur	"Ni-Sparsh" - Invisible Mouse and Voice-Controlled AI Assistant
21	Kirtida Naik	Airflow Canvas: Digital Art with Hand Gesture
22	Akshata S. Raut	"Advocate legal bot " - Law advicer
23	Akshata S. Raut	"SecureView360"
24	Akshata S. Raut	SmartPoshan
25	Akshata S. Raut	PredictXI - Best Fantasy Team Forecasting

# Toppers

Academic Year 2023-24

## BE

Rank	Student Name	CGPI/SGPI
1	GHARAT VRUNAL SANDESH	9.3/8.71
2	VISHWAKARMA AMARJIT GOVIND	9.2/8.76
3	WALANJ SAURABH PRAMOD	9.2/8.71

## TE

Rank	Student Name	SGPI
1	BHANDARI MAHESH SINGH	10
2	MHATRE MANJIRI ADITYA	9.96
3	PAYAK YUKTI KAILASH	9.7

## SE

Rank	Student Name	SGPI
1	YADAV KARTIK KRISHNA	9.08
2	JAISWAL ANSHU AWADHESH	8.92
3	BHAVSAR RUSHIKESH RAVINDRA	8.42

## Placement Record 2022-23

SR NO	NAME OF STUDENT	COMPANY	DESIGNATION	PACKAGE
1	Aditi Patil	TCS	Assistant System Engineer-Trainee in Grade Y	3.37 LPA
2	Nilesh Kapri	Acty systems India Pvt. Ltd.	Programmer	3.15 LPA
3	Faraaz Biyabani	Contentstack India Pvt Ltd.	Associate Software Engineering	12 LPA
4	Saumyaranjan Parida	Raw Engineering	Associate Software Engineer	8 LPA
5	Akshita Raut	Accelya	Analyst I - Service Management	7 LPA
6	Priya Pathak	Accelya	Analyst I - Service Management	7 LPA
7	Dinesh Pal	MINSPIRIT	Jr. Engineer	4.5 LPA
8	Govind Harayan	Vistaar Systems Pvt. Ltd.	Trainee	4 LPA
9	Vinod Chaoudhari	Vistaar Systems Pvt. Ltd.	Trainee	4 LPA
10	Shruti Mane	Vistaar Systems Pvt. Ltd.	Trainee	4 LPA
11	Qhubaib Mueez Mehmood Shaikh	Syngience Business Solutions Pvt. Ltd.	OBP Analyst	3.6 LPA
12	Meet Makwana	Contentstack India Pvt Ltd.	Associate Software Engineering Intern	4.2 LPA
13	Priya Pathak	Quality Kiosk	Digital Quality Engineer	2.75 LPA



## Recent Publications by Students in AY: 2023-24

Sr. No	Author 1	Author 2	Author 3	Author 4	Paper Title	Published / Presented
1	Chaitanya Rajan Pawar	Anuradha Dhumwad	Kashish Chauhan	Ms. Reshma Chaudhari	A Review on Hospital Seat Detection System	Presented
2	Vivek Ganpat Mistry	Saurabh Pramod Walanj	Shivam Jayprakash Singh	Akshata Suraj Raut	PredictXI- Best Fantasy Team Forecasting	Presented
3	Aniket Elinje	Tejashree Mestry	Ankush Dubey	Janhavi Sangoi	Smart Eyes on the Horizon: A Survey of Real-Time Innovation	Presented
4	Prathmesh Parekar	Ganesh Fartade	Aditya Jawle	–	SmartPoshan - Poshan tracking for students	Presented
5	Om Loyare	Alisha Raut	Ayushi Shet	Bhvika Thakur	ExpersionXbot : Prakriti Assessment System	Presented

6	Rohit Ghorui	Sakshi Negi	Vinay Chippa	Saniket Kudoo	RoadEye - A Safer Drive	Presented
7	Rohit Ghorui	Sakshi Negi	Vinay Chippa	Saniket Kudoo	RoadEye - A Safer Drive	Published
8	Prasad Naik	Omkar Adarkar	Manas Mhatre	Krutika Vartak	A review on Multispectral satellite image dehazing techniques	Presented
9	Sonali Salunkhe	Pratik Patil	Priyanshu Yadav	Akshata S. Raut	Survey paper on Real time smart CCTV Surveillance System	Presented
10	Amarjit Vishwakarma	Santosh Pal	Aryan Raut	Kirtida Naik	INFRASTRUCTURE MODEL DEVELOPMENT SYSTEM USING AI ML WITH NATURAL CALAMITIES PREDICTION	Published
11	Yash Kishor Sable	Siddhey Ketan Raut	Pranay Chandrakant Raut	Ms.Reshma Chaudhari	Employeezy-Your Pathway to Streamlined Workforce Management	Presented

13	Chaitany Prakash Ghadigaonkar	Suraj Nandkumar Sakhare	Taj Mohammad Badrudduja Khan	Reshma Chaudhari	Medichain - Securing Pharma Supply Chain with Blockchain	Published
14	Chaitany Prakash Ghadigaonkar	Suraj Nandkumar Sakhare	Taj Mohammad Badrudduja Khan	Reshma Chaudhari	Medichain - Securing Pharma Supply Chain with Blockchain	Presented
16	Shruti Bhosale	Komal Kachare	Tejas Kini	Reshma Chaudhari	Secure Bioguard -next generation security system	Presented
17	Sahil Dhamapurkar	Tanmay Sawant	Abhishek Yadav	Saniket Kudoo	Unipass: A Ticketing System	Published
18	Shruti Bhosale	Komal Kachare	Tejas Kini	Reshma Chaudhari	Secure Bioguard -next generation security system	Published
19	Sahil Dhamapurkar	Tanmay Sawant	Abhishek Yadav	Saniket Kudoo	Unipass: A Ticketing System	Presented
20	Nikita Shinde	Mitali Ghadigaonkar	Sakshi Patil	Kirtida Naik	SEVA-ROHI: Instant Help, Immediate Hope	Published

21	Anuradha Dhumwad	Chaitanya Pawar	Kashish Chauhan	Ms. Reshma Chaudhari	A Review on Hospital Seat Occupancy System	Published
22	Harshal Patil	Mangesh Ram	Vrunal Gharat	Saniket Kudoo	IVigilance - IOT Based Intravenous Drip Monitoring and Controlling System	Published
23	SHREYA SH PATIL	SARFAR AZ KANGAN OLLI	JAYESH DEORE	KRIKKA VARTAK	Review on touchless Virtual Mouse Technologies And A.I Voice Assistants	Published
24	Aniket Elinje	Tejashree Mestry	Ankush Dubey	Janhavi Sangoi	“PLEKSUS: INSPECT THE SUSPECT”	Published
26	Sonali Salunkhe	Priyanshu Yadav	Pratik Patil	Akshata S. Raut	"SMARTEYE360 - Real Time Smart CCTV Surveillance	Published
27	Abhidnya Patil	Siddhesh Panchal	Dhanashri Patil	Bhavika Thakur	Soul-Surveyor: Mental Health Monitoring System using Business Intelligence and Sentiment Analysis	Presented
28	Tanisha Motivaras	Sumit Ankush	Siddhesh Jadhav	Krutika Vartak	Review on AI Fitness Gym Trainer	Presented

29	Shaad Shaikh	Vansh Shah	Deven Randive	Saniket Kudoo	Neurosentinel Prodigy	Published
30	Shaad Shaikh	Vansh Shah	Deven Randive	Saniket Kudoo	Neurosentinel Prodigy	Presented
	Amarjit Govind Vishwakarma	Santosh Bamraj Pal	Aryan Manish Raut	Kirtida Naik	Nisarchana	Presented
	Om Loyare	Alisha Raut	Ayushi Shet	Bhavika Thakur	Arogya Chintak	Published
	Abhidnya Patil	Siddhesh Panchal	Dhanashri Patil	Bhavika Thakur	Soul Surveyor-Depression Detection System using Business intelligence	Published
	Dishant Prashant Save	Abhishek Mandavkar	Yash Patil	Janhavi Sangoi	COP : TARGET RECKS USING YOLOv8	Published
	ANKUSH DUBEY	ANIKET ELINJE	TEJASHREE MESTRY	JANHAVI SANGOI	PLEKSUS:INSP ECT THE SUSPECT	Published

## Contact

Department of Computer Engineering

VIVA Institute of Technology

Shrigaon, Virar (E) 401305

Tel: 0250 – 7770002544 (ext. 161/140)

[www.viva-technology.org](http://www.viva-technology.org)