



Saraswati Education Society's

## Saraswati College of Engineering

Plot No. 46, Sector 05, Near Utsav Chowk, Kharghar, Navi Mumbai- 410210

### Department of Computer Engineering

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**VISION:** "To be universally accepted as autonomous center of learning in engineering education and research."

**MISSION:** "1. To educate Students to become responsible & quality technocrats to fulfill society and industry needs."

"2. To nurture student's creativity and skills for taking up challenges in all facets of life."

### About Department

**VISION:** "To be among renowned institution in computer engineering education and research by developing globally competent graduates."

**MISSION:** "1. To produce eminent Engineering graduates by imparting quality teaching learning and providing hands on experience in programming to fulfil society and industry needs."

"2. To encourage students to pursue research and learn new technologies in Computer Engineering and across interdisciplinary areas so that they participate in research, innovation and entrepreneurship."

"3. To provide stimulating learning ambiance to enhance innovative ideas, problem solving ability, leadership qualities, team-spirit and ethical responsibilities."



## DEPARTMENT OF COMPUTER ENGINEERING

### **From the HOD's Desk:**

We are glad to announce twenty-sixth issue of our newsletter for academic year 2022-2023 aimed to closer interactions and enrich our student's talent and efforts. The objective of the newsletter is to mainly focus on the achievements of the students and faculty members of computer engineering department in curricular, co-curricular and extra-curricular activities.

### **Program Educational Objectives (PEO)-**

- To embed a strong foundation of Computer Engineering fundamentals to identify, solve, analyze and design real time engineering problems as a professional or entrepreneur for the benefit of society.
- To motivate and prepare students for lifelong learning & research to manifest global competitiveness.
- To equip students with communication, teamwork and leadership skills to accept challenges in all the facets of life ethically.

### **Program Outcomes (PO)-**

- Apply the knowledge of Mathematics, Science and Engineering Fundamentals to solve complex Computer Engineering Problems.
- Identify, formulate and analyze Computer Engineering Problems and derive conclusion using First Principle of Mathematics, Engineering Science and Computer Science.
- Investigate Complex Computer Engineering problems to find appropriate solution leading to valid conclusion.
- Design a software System, components, Process to meet specified needs with appropriate attention to health and Safety Standards, Environmental and Societal Considerations.
- Create, select and apply appropriate techniques, resources and advance engineering software to analyze tools and design for Computer Engineering Problems.
- Understand the Impact of Computer Engineering solution on society and environment for Sustainable development.
- Understand Societal, health, Safety, cultural, Legal issues and Responsibilities relevant to Engineering Profession.
- Apply Professional ethics, accountability and equity in Engineering Profession.
- Work Effectively as a member and leader in multidisciplinary team for a common goal.
- Communicate Effectively within a Profession and Society at large.
- Appropriately incorporate principles of Management and Finance in one's own Work.
- Identify educational needs and engage in lifelong learning in a Changing World of Technology.

### **Program Specific Outcomes (PSO)-**

- Formulate and analyze complex engineering problems in computer science engineering (Networking/Big data/ Intelligent Systems/Machine Learning Systems)
- Plan and develop efficient, reliable and secure system and customized application software using cost effective emerging software tools ethically.

## Departmental Events

### Session on “placement and Preparation”

(Date: 18<sup>th</sup> Jan 2024)

- The Session on “placement requisites and preparation” by Industry expert was arranged for all the Third Year Students.
- To make awareness among students regarding essential preparation for placement drive which includes knowledge of aptitude as well as technical part in interviews to enhance skills which is required for placements in industries. Importance of aptitude and Technical sessions for placements was explained to the students.
- Students got preparation guidelines for product based and service based companies and a way to prepare for all the placement drives.



### Expert Lecture on “Cloud Computing”

(Date: 13th march, 2024)

Lecture was hosted by Prof. Vipul Kushwaha a technology entrepreneur who runs a business called Vipul IIOT solutions.

Lecturer Encourage a students to make their projects based on cloud computing.

This lecture was help to students to build confidence and to make students resume strong this will be helpful in their knowledge.



## Workshop on “Python with Marvels”

(Date: 11<sup>th</sup> Jan 2024)

- It was an introductory as well detailed brainstorming workshop about the how to build and code in Python language, speaker of session was Mr. Kunal Sharma (TE student).
- The Program is to integrate the logic of coding and basics of all programming language with the Marvel movie clips Students got preparation guidelines for product based and service based companies and a way to prepare for all the placement drives.
- Question and Answer Session about the what is Machine learning and the project related to the iris data set and basic but important points in the data cleaning.
- This Workshop helped the participants to know the real world applications of the some of the Python and its powerful frameworks



## Students Achievements

### ❖ Result

#### List of Toppers for Academic Year- (Jul-Dec 2023)

##### S.E. SEM-IV

Name Of Student	SGPI	Rank
Mhatre Pushkar Manoj	10	I
Aryan Gawand	9.66	II
Soham Bhaye	9.62	II

##### T.E. SEM-VI

Name Of Student	SGPI	Rank
Omkar Pawar	9.61	I
Pratik Jadhav	9.22	II
Meghna Bhairi	9.04	III

##### B.E. SEM VIII

Name Of Student	SGPI	Rank
Atharv Bhilare	9.50	I
Sakshi Wakchaure	9.48	II
Anurag Wagh	9.44	II

**Congratulations to the toppers of the department.**

## Placement Details

SCOE's training and placement cell organized placement drive by various companies the following students of computer department selected through this Campus Placement Drive.

Sr.No	Name of the Student	Company Name	Designation	Package
1	KAWALE PRATIKSHA	CAPGEMINI	Analyst/A4	4.25
2	KADAM PRERANA	ExcelR EdTech Pvt. Ltd.	Developer	2.8 To 6
3	AUTI SAKSHI	ExcelR EdTech Pvt. Ltd.	Developer	3.5 To 6
4	BHATT AMEYA	ExcelR EdTech Pvt. Ltd.	Developer	3.5 To 6
5	BADUGU BHARAT	Profound EduTech Pvt. Ltd.	Full Stack Developer/ Testing Engineer	3.5-5
6	DEVERE TUSHAR	Profound EduTech Pvt. Ltd.	Full Stack Developer/ Testing Engineer	3.5-5
7	BOTE HARSH	Profound EduTech Pvt. Ltd.	Full Stack Developer/ Testing Engineer	3.5-5
8	GHEWADE PRANIT	KodNest Tech. Pvt. Ltd.	Full Stack Developer	
9	MANJHI ABHISHEK	Rinex Tech. Pvt. Ltd.	Insight Sale Strategist	5.2
10	BHOSALE ANANT	Rinex Tech. Pvt. Ltd.	Insight Sale Strategist	5.2
11	KADAM PRERANA	Greytrix	ERP Consultant	
12	BADUGU BHARAT	Adani Capital	Associate Engineer	4 To 5
13	Dattatrayay Rajesh Jamkhande	TCS	Assistant system Engineer trainee	3.5
14	Rugved Kokil	TCS	Assistant system Engineer trainee	3.5
15	Nibedita pakhira	TCS	Assistant system Engineer trainee	3.5
16	Apurva khobragade	TCS	Systems Engineer	7

17	Harsh Bote	TCS	Assistant system Engineer trainee	3.5
18	Anant Bhosale	Bhugol GIS Pvt. Ltd.	Trainee Engineer	3
19	Sujay Dhawade	Godrej	Senior Executive	4
20	Charul Bhamre	SCOE	Teaching assistant	
21	Sayali jadhav	SCOE	Teaching assistant	
22	Baig shafaque	SCOE diploma	Teaching assistant	
23	Trupti Yadav	SCOE	Teaching assistant	

**Heartiest Congratulations for the students who are placed in different companies. We hope you all will make us proud in the future as well.**



## Faculty Achievements

### Publications in International Journals and Conferences

<b>Name of the Publisher</b>	<b>Publications</b>
<b>Dr. Manjusha Deshmukh</b>	Published a paper on "A novel deep learning approach to identify Medicinal Plants," in 2024.
<b>Dr. SujataBhairnalkar</b>	Published a paper on "Literature Review: The Android App for visually impaired people", in2024.
	Published a paper on "Exploring the Smart City Framework: A Comprehensive Review", in2024.
	Published a paper on "A novel crowdfunding platform using blockchain Technology", in 2024.
<b>Dr. Anjali Dadhich</b>	Published a paper on "A Blockchain-Based Application System for Fake Product Detection", in2024.
<b>Prof. Namarta Arya</b>	Published a paper on "Natural Language Querying on Business Documents," in 2024.

Award details collect from website