



Saraswati Education Society's

Saraswati College of Engineering

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

Department of Computer Engineering

Newsletter Jul 21- Dec 21

Vol. 27

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 2020-2021 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

Webinar on Use of Data Analytics in Business

(25th Aug 2021)

The purpose of this webinar was to expose the students in data analytics practices executed in business world. Mr. Amit Naik and Amit Gawade from IT Vedant Pvt Ltd. explained how data is created, stored, accessed and how each organization works with data in which analytics flourish. This webinar focused on the scientific process of transforming data into insights for making better business decisions. This webinar was conducted for third year and final year engineering students.



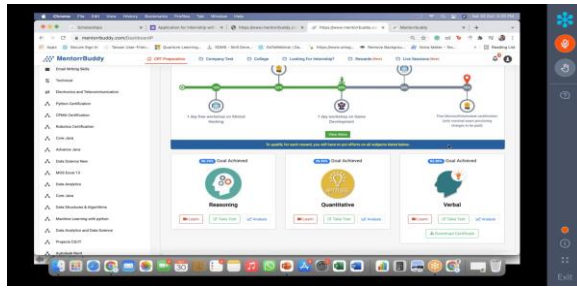
Benefits of Data Analytics in Business



Webinar on Flutter Development and UX Design

(13th Oct 2021)

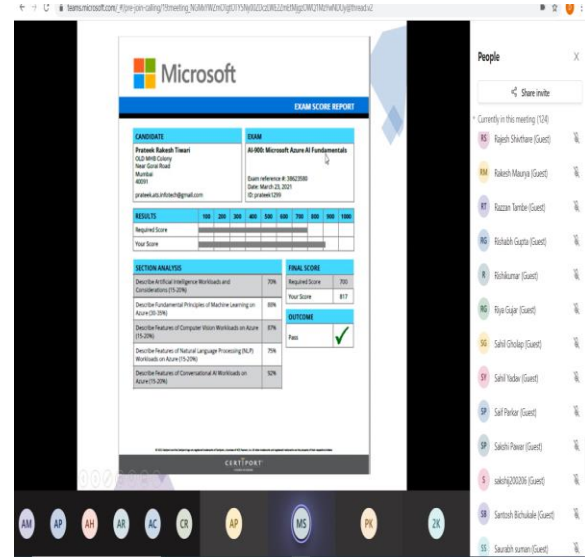
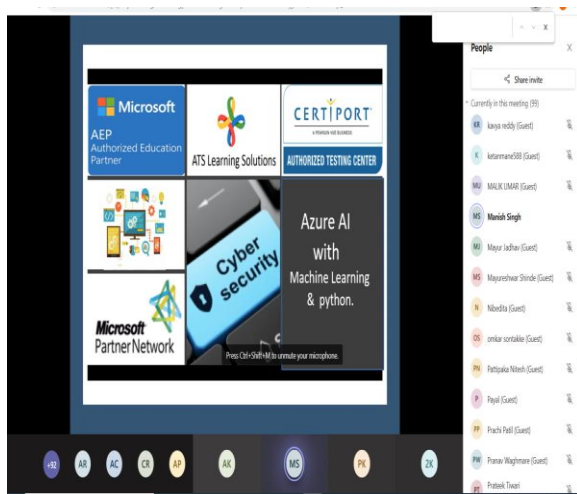
The purpose of this webinar was to teach students to build User Interface Design using Flutter. The Speaker Prof. Abhayjeet Singh who was chief academic officer at Imagine XP then explained how the flutter code is directly compiled to native code not interpreted nor run on a virtual machine-like JavaScript UI framework. Therefore, apps made with flutter are glitch-free and have nice user experience (UX). This webinar was conducted for second, third year and final year engineering students.



Webinar on Machine Learning Mapped with AI: 900 Microsoft Certification

(8th Nov 2021)

The purpose of this webinar was to increase the understanding of students on current need to get skills in the field of Machine Learning, increasing opportunities in this field mapped with Artificial Intelligence. The students were then introduced with the current situation of unemployment due to unskilled professionals. Then the speaker spoke about the Certification in Microsoft which aims at providing skill and mindset to work in this environment. This webinar was conducted for second year and third year engineering students. The main speaker for the event was Mr. Manish Singh.

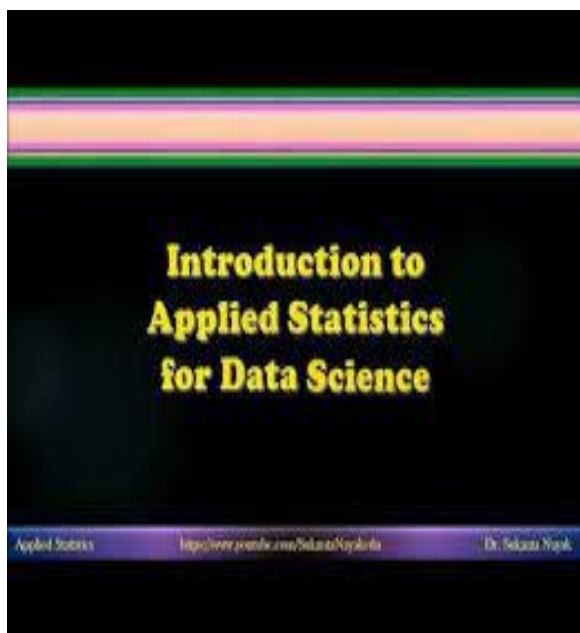
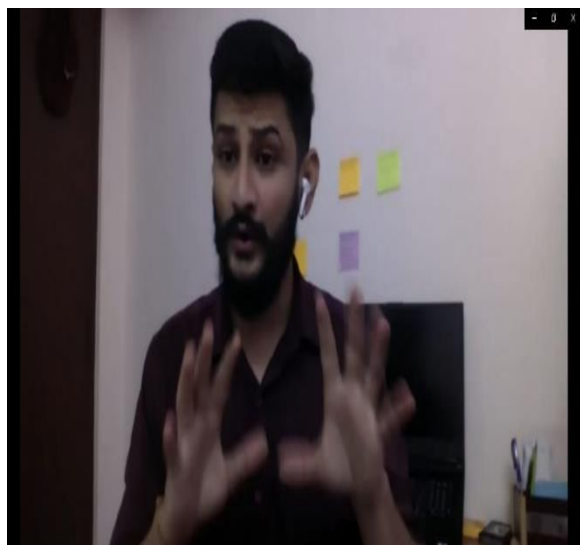


Workshop on Applied Statistics in Data Science-Techniques and Concepts

(18th Dec 2021)

The purpose of this Workshop was to give importance on applied statistics and how it will impact the overall future of students who are keen to work in the field of Data Science. The speaker Mr. Parth Sharma from AI Probably explained various concepts of Probability Distribution, Statistical Significance, Hypothesis testing and regression. Data Scientists use a combination of statistical formulas and computer algorithms to notice patterns and trends within data. Then, based on this knowledge of social sciences and particular industry or sector to interpret the meaning of those patterns and how they apply to real-world situations. The speaker then gave brief about how it would be helpful to generate value for a business or organization. This workshop

was conducted for second year, third year and final year engineering students.

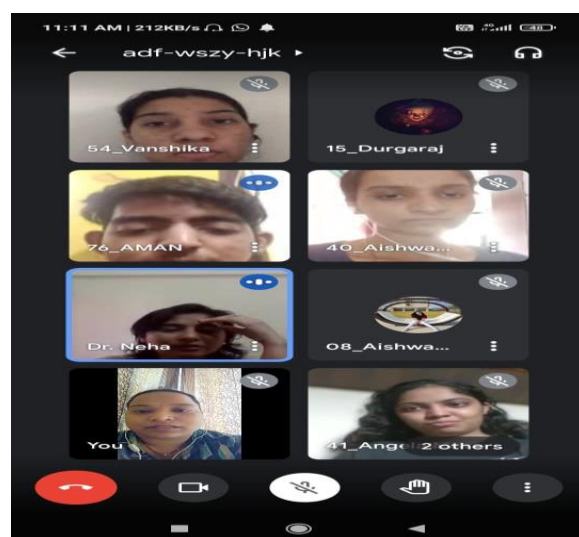
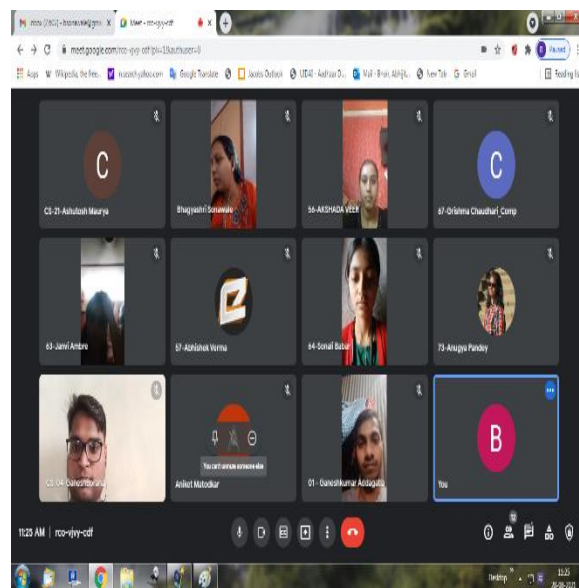


Parent-Teachers Meeting

(28th Aug 2021)

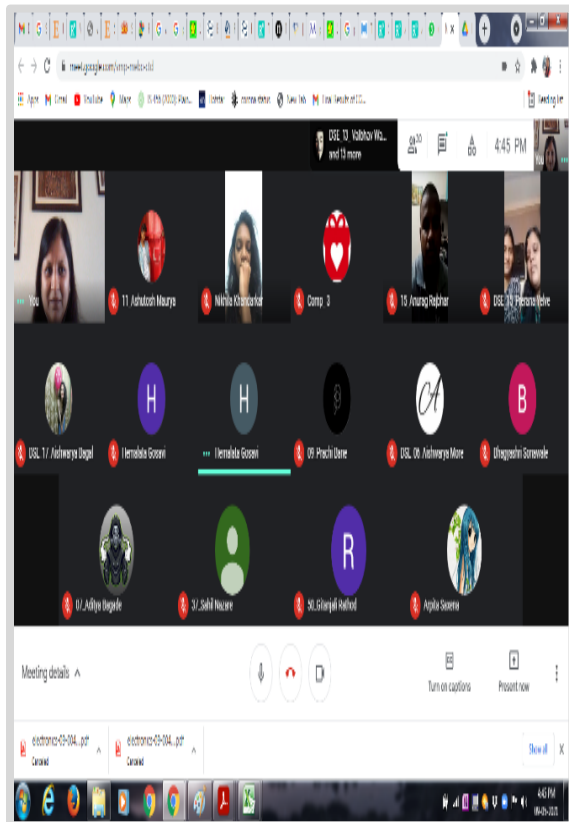
A parent teachers meeting was held for all the students of second year, third year and final year of engineering students. The HOD and

the faculties gave brief idea about the subjects and exams. Class advisors and the HOD of computer department interacted with the parents of students. They also discussed their performance for the semester. Students were advised to come for online lectures. Student's doubts were solved by class advisers regarding exam as well as subjects.



(10th Oct 2021)

The screenshot displays a Google Meet session in progress. The main area is a 3x3 grid of video feeds. The participants visible are Bhagyashree Sonawale, Tabassum Sheikh, Uj Amer Khan, Ramesh Warghisa, Sakshi Kulkarni, and Sapna Bhairavnagar. The bottom bar shows standard meeting controls like mute, video, chat, and end call. The top of the browser window shows several open tabs, including 'Meet - jga-423e-4dx' and 'Meet - jga-423e-4dx'. The system tray at the bottom shows the time as 12:11 PM on 10-10-2020.



Students Achievements

❖ Result

List of Toppers for Academic Year- (Jan-June 2021)

S.E. SEM-IV

Name Of Student	SGPI	Rank
ADNAN SHAIKH	10	I
AUTI NAVNATH	9.88	II
SAHU ANKITA	9.88	III

T.E. SEM-VI

Name Of Student	SGPI	Rank
MUJAWAR SAHIL	9.88	I
PATHAK NISHANT	9.72	II
BHOSALE SHRADDHA	9.69	III






B.E. SEM VIII







Name Of Student	SGPI	Rank
ANJALI JAISWAL	9.40	I
PARVADIYA VRUTIK	9.35	II
PATEL PRIYANKA	9.13	III







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	Photo	Name of the Student	Company Name	Designation	Package
1		Shraddha Bhosale	Hexaware Technologies	Graduate Engineer Trainee	3.5 LPA
2		Amer Khan	IBM	Associate System Engineer	4.5 LPA
3		Aniket Matodkar	CAPGEMINI	Analyst	4 LPA
4		Hrishikesh Shinde	CAPGEMINI	Analyst	4 LPA
5		Vivek Pathak	CAPGEMINI	Analyst	4 LPA

6		Ganeshkumar Borana	CAPGEMINI	Analyst	4 LPA
7		Aniket Prajapati	CAPGEMINI	Analyst	4 LPA
8		Amer Khan	CAPGEMINI	Analyst	4 LPA
9		Nachiket Jadhav	CAPGEMINI	Analyst	4 LPA
10		Deeshant Singh	CAPGEMINI	Analyst	4 LPA
11		Aniket Prajapati	ENVOSYS	Technical Consulting	3.6LPA





12		Harshala Gawade	ENVOSYS	Technical Consulting	3.6LPA
13		Akhil Sharma	Ugam solutions	Associate Software Engineer	4 LPA
14		Aman Rajesh Ghogare	Ugam solutions	Associate Software Engineer	4 LPA
15		Harshala Gawade	Ugam solutions	Associate Software Engineer	4 LPA
16		Nitesh Yadav	Ugam solutions	Associate Software Engineer	4 LPA
17		Vikas Pandey	Ugam solutions	Associate Software Engineer	4 LPA

18		Ganeshkumar Himmtaram Boram	TCS Ninja	Assistant System Engineer- Trainee	3.36 LPA
19		Aniket Shrilal Prajapati	TCS Ninja	Assistant System Engineer- Trainee	3.36 LPA
20		Harshala Sanjay Gawade	TCS Ninja	Assistant System Engineer- Trainee	3.36 LPA
21		Sadik Mujibur Tamboli	TCS Ninja	Assistant System Engineer- Trainee	3.36 LPA
22		Shraddha Gorakhnath Bhosle	TCS Ninja	Assistant System Engineer- Trainee	3.36 LPA
23		Aniket Manoj Matodkar	TCS Ninja	Assistant System Engineer- Trainee	3.36 LPA

24		Divyansh Mangilal Gehlot	TCS Ninja	Assistant System Engineer- Trainee	3.36 LPA
25		Amer Shamshad Khan	TCS Ninja	Assistant System Engineer- Trainee	3.36 LPA
26		Prerana Dinesh Sangale	TCS Ninja	Assistant System Engineer- Trainee	3.36 LPA
27		Deeshant Dinesh Singh	TCS Ninja	Assistant System Engineer- Trainee	3.36 LPA
28		Grishma Prakash Chaudhari	TCS Ninja	Assistant System Engineer- Trainee	3.36 LPA

29		Vivek Ravindra Pathak	TCS Ninja	Assistant System Engineer- Trainee	3.36 LPA
30		Nachiket Jadhav	TCS Digital	System Engineer	7 LPA
31		Govind Gupta	Coditas Solution	Associate Software Engineer	6 LPA
32		Athesham Syed	Wipro	Project Engineer	3.5 LPA
33		Anurag Rajbhar	Wipro	Project Engineer	3.5 LPA

34		Divyansh Mangilal Gehlot	Wipro	Project Engineer	3.5 LPA
35		Pravin Bhogulkar	Nucsoft	Trainee Engineer	2.6 LPA
36		Prachi Vishe	Nucsoft	Trainee Engineer	2.6 LPA
37		Rishikesh Patil	NEOSOFT	Trainee Software Engineer	3.6 LPA
38		Tabassum Shaikh	NEOSOFT	Trainee Software Engineer	3.6 LPA
39		Mohd Sufyan Asghar Kamil	Headstrait Software LLP	Full Stack Developer	6 LPA

40		Abhishek Verma	Headstrait Software LLP	Full Stack Developer	6 LPA
41		Vikas Pandey	Virsuta	Trainee Engineer	4.5 LPA
42		Deeshant Dinesh Singh	Wipro	Project Engineer	3.5 LPA
43		Anish Rajendra Mandhare	Mindcraft Solution Pvt Lt	Associate Cusultant	2.4 LPA

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

Name of the Publisher	Publications
Prof. Sujata Bhairnallykar	Received appreciation for High Academic Performance Index for A.Y. 2021-22
	Published a paper on “ Predicting Eye Blindness by Detecting Exudates in the Retina of Human Eye, ” in 2022.
	Published a paper on “ Face Recognition of Criminals and Missing Individuals, ” in 2022.
	Published a paper on “ Real Time Malicious URL Detection using Machine Learning, ” in 2022.
	Published a paper on “ Healthcare Monitoring System using IoT and RSA Algorithm, ” in 2022.