Department of Computer Engineering

Newsletter Jul 20- Dec 20   *Vol. 25*

VISION: "To develop a core of eminency in Engineering education and research."

**MISSION:** "To educate students to become quality technocrats 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 quality Engineering graduates by imparting quality training, hands on experience and value education."

"2. To pursue research and new technologies in Computer Engineering and across interdisciplinary areas that extends the scope of Computer Engineering and benefit humanity"

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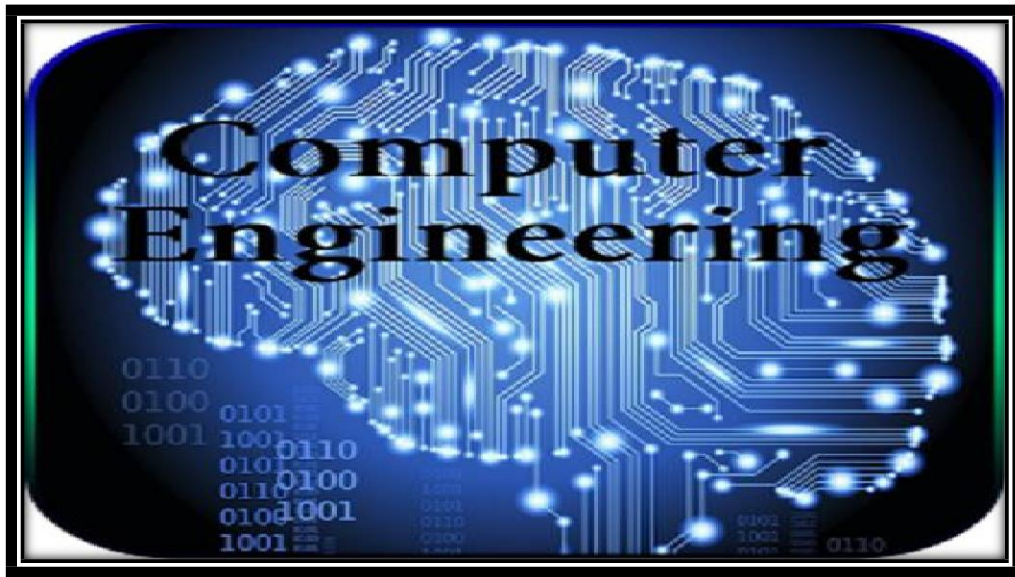
DEPARTMENT OF COMPUTER ENGINEERING

From the HOD's Desk:

We are glad to announce twenty-fifth 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

Online Webinar on Final Year Project Topics & Job Placements

(12th Aug 2020)

The main objective of this webinar was to counsel students about how and where to start their final year project and how to select a good one. Trainer, Mr. Rohan Anil Patil, associate consultant from Mindcraft Software pvt. ltd. also introduced to students the procedures and steps they should or should not take while dealing with the placements. The importance of making a good resume, preparing for aptitude, technical tests and HR interview was also shared. The webinar was for final year BE students. All the students participated with full enthusiasm.
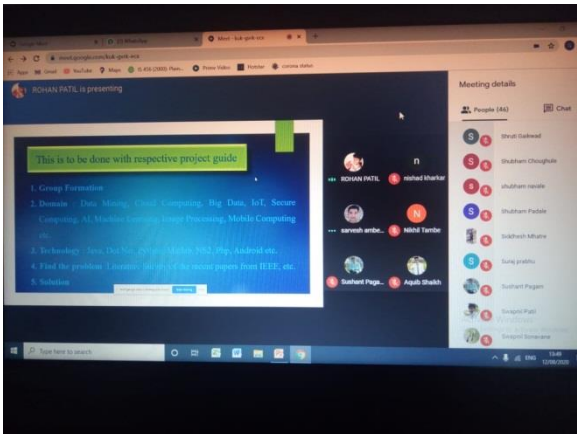
Webinar on Ethical Hacking

(11th Nov 2020)

The purpose of this webinar was to increase the understanding of students on Cyber Security, to give them an overview of Vulnerabilities in Cyber Space and Career Opportunities in Ethical Hacking. The students were taught on risk of attacks and vulnerabilities of the internet and the security design. This workshop was conducted for third year and final year engineering students. The main speakers for the event were Mr. Mohnish Singh (specialized in Cyber Incident Management, Response Threat Hunting, Modeling Risk and Vulnerabilities Management)
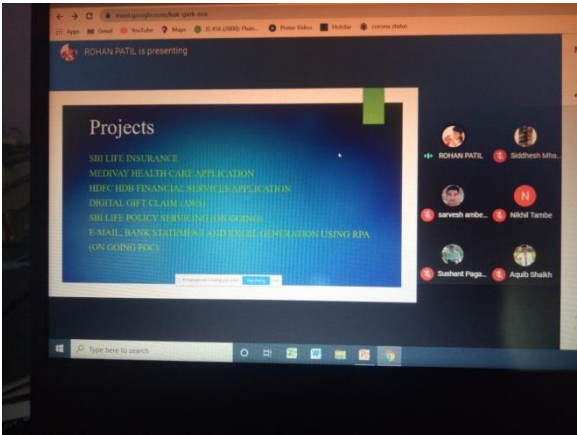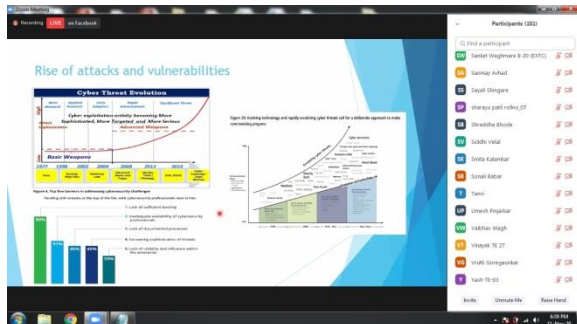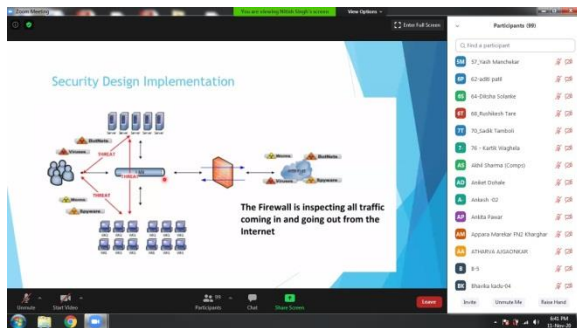
Webinar on Full Stack Development (FSD) or Associate Full Stack Developer

(12th Nov 2020)

This event was on career with associate full stack developer organized by Cognitio Knowledge Tech pvt. ltd. The speaker prof. Arnab Chakraborty gave the students insights about front end development, back end development and full stack development and how a full stack developer can tackle projects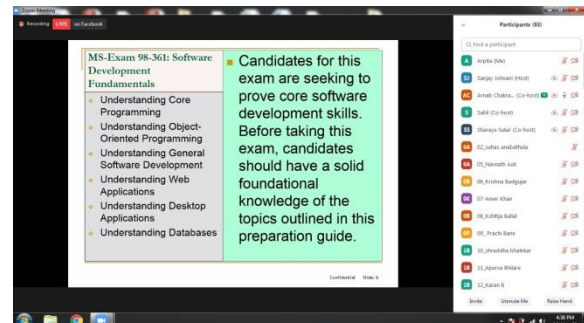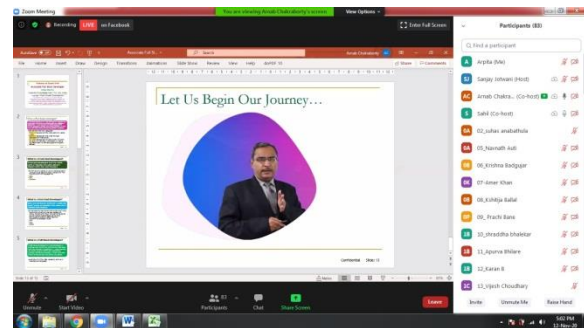 that involve databases, building user-facing websites, or even work with clients during the planning phase of the project. The webinar was for second year and third year engineering students.

Webinar on Data Science Career and Job Prospects

(24th Dec 2020)

The aim of this webinar was to make students aware of data scientists, data analytics, data engineer, data administrator, data architect, business analyst etc. Speaker, Mr. Amit Nayak, Regional Manager from Itvedant Education pvt. ltd. Educated students about up to date knowledge of latest industry demanding technology and trends & job prospects. Post to the webinar, one-on-one virtual career presentation and counseling was held along the question answer round with customized attention, according to the students

interest. This webinar was for second, third and final year engineering students.

lectures. Parents also shared their feedback on how they are coping up with the new kind of online classes.
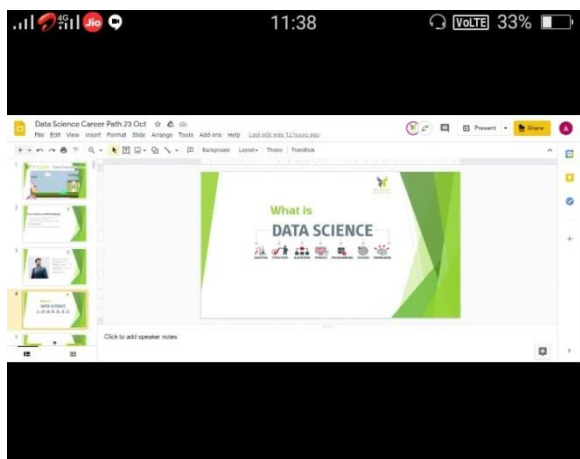
Parent-Teachers Meeting for Defaulters

(8th Aug 2020)

A parent teachers meeting was held for defaulters. The class advisors and the HOD of computer department interacted with the parents of students who were unable to attend online classes for the semester. Students' performance was discussed and they were advised to come for online
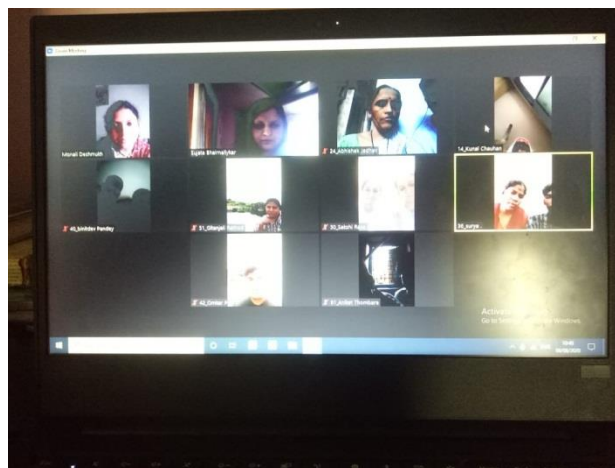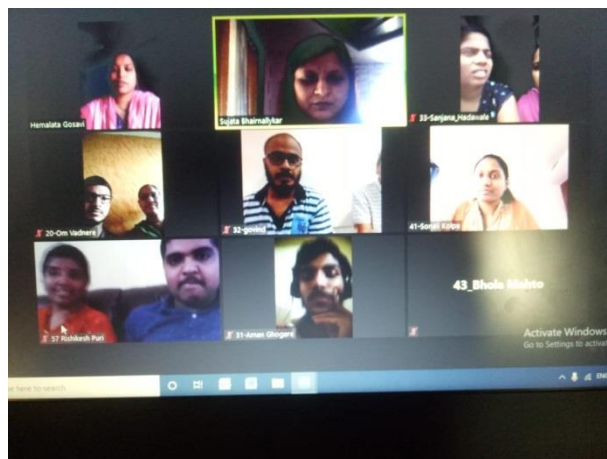
Parent-Teachers Meeting before final examinations

(20th Dec 2020)

Once again, a parent teachers meeting was held for all the students. The HOD encouraged students to study and prepare for final exams thoroughly. The students of all the classes were also educated on the process of online examination which was changed due to COVID-19. The meeting

was attended by the students, their parents, class advisors and the HOD of computer department. Parents also asked their queries regarding final exams and gave their feedback.
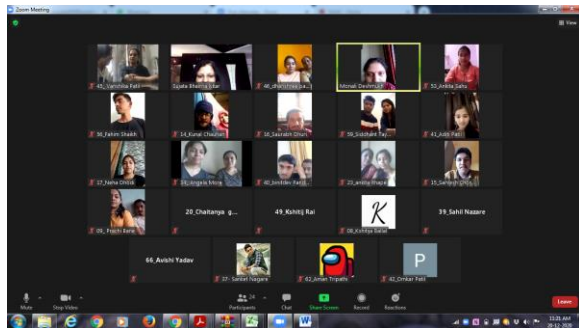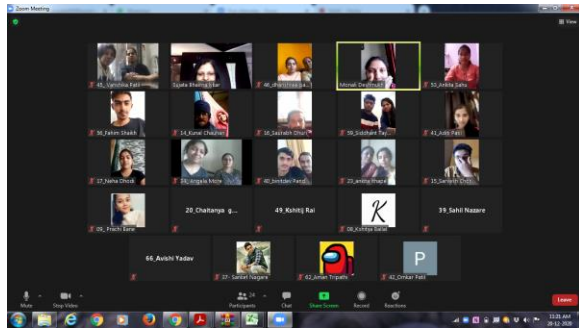
Students Achievements

❖ **Result**

List of Toppers for Academic Year- (Jan-Jun 2020)

S.E. SEM-IV

Name Of Student	SGPI	Rank
Nachiket Jadhav / Aniket Matodkar / Dolly Pandey / Vivek Pathak / Aniket Prajapati	10.00	I
Grishma Chaudhari	9.85	II
Ganesh Borana	9.7	III

T.E. SEM-VI

Name Of Student	SGPI	Rank
Akshay Bade / Dhananjay Bhadke / Anjali Jaiswal / Ananya Kamalapur / Mitesh Metha / Kunal More / Rohan Naik / Shubham Navale / Vrutik Parvadiya / Priyanka Patel / Mayuri Patil / Suraj Prabhu / Sahil Raut	10.00	I
Siddhesh Mhatre / Adarsh Pednekar	9.85	II
Pournima Bhosale / Aniket Kangane / Ujwal Koli / Pratik Mirajkar / Shubham Padale / Vikash Sharma / Ankita Vyas	9.69	III

B.E. SEM VIII

Name Of Student	CGPI	Rank
Mihir Samel	9.32	I
Rahul Waghmare	9.29	II
Aaditya Naik	9.07	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	Name of Students	Company Name
1	Mitesh Metha	AIISMA LLC
2	Akshay Bade	Capgemini
3	Ankita Vyas	Capgemini
4	Ananya Kamlapur	Capgemini || TCS Ninja
5	Shubham Padale	Capgemini
6	Suraj Prabhu	TCS Ninja
7	Aniket kangane	TCS Ninja
8	Sahil Raut	TCS Ninja
9	Vrutik Parvadiya	Zeus Learning || TCS Ninja
10	Pratik Mirajkar	Zeus Learning
11	Swapnil Sonavane	TCS Ninja
12	Shubham Navale	TCS Ninja
13	Adarsh Pednekar	TCS Ninja
14	Kunal More	Quality Kiosk
15	Rohan Nike	Quality Kiosk

Heartiest Congratulations for the students who 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. Suhasini Parvatikar	Published a paper on "Recommendation System using ML", e-IC-RACT, June 2020
Prof. Rina Bora	Published a paper on "Palm Vein Technology", IRJET, Dec 2020
	Published a survey paper on "Zero Shot Detection", IRJASET, Dec 2020