Saraswati Education Society's

Saraswati College of Engineering

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

Department of Information Technology

Newsletter July 20- Dec 20

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 create technically qualified talent through research to take up challenges in industries.''

MISSION: 1. To impart quality education.
2. To develop technical and managerial skills through training and modern teaching learning process.

DEPARTMENT OF INFORMATION TECHNOLOGY

From HOD Desk

It gives me immense pleasure to pen down my greetings on behalf of Information Technology Department. This semester was a big challenge for all of us to provide quality education to students in difficult time of COVID situation. Conducting labs and classes online was a challenge for all of us, but gives me immense pleasure that we had turned the situation in our favour and provided best quality education in this time. From using virtual labs to online compliers, we have done every bit to meet the standards. Department is committed to its goal of research excellence by filling patents, publishing research papers in reputed journals and bagging research grant.

The department considers the committed and dedicated staff as its core strength in providing value education with professional standards. Varieties of workshops were held over the semester to enable knowledge impartment and bridge to curriculum industry gap.

The department is striving hard towards its goal of providing innovative and quality education with high standard to achieve academic excellence and to prepare technically strong, ethically sound and morally elevated engineers. We as a team resolve to take the department to heights of success and glory and prepare for the forthcoming challenges.

I congratulate all the students and the faculty members for their brilliant efforts. I wish them a great academic career.

Program Educational Objectives(PEO)

➢ To embed a strong foundation of Information Technology Engineering fundamentals to identify, solve, analyze and design real time Engineering problem as a professional or an entrepreneur for the lifelong learning and research benefit of society.
➢ To motivate and prepare students for lifelong learning and research to manifest global competitiveness.
➢ To equip students with communication, team Work and leadership skills to accept challenges in all facets of life ethically.
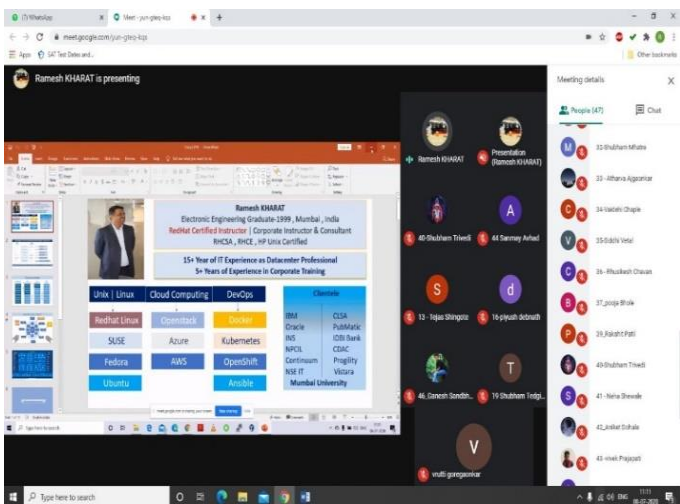
Program Outcome (PO)

- Apply the knowledge of mathematics, science, engineering fundamentals to solve complex Information Technology Engineering Problems.
- Identify, formulate and analyze Information Technology Engineering problems to derive conclusion using first principles of mathematics and Computer Science.
- Investigate complex Information Technology engineering problems and find final appropriate solution leading to valid conclusion.
- Design IT systems, components or processes to meet specified needs with appropriate attention to health, safety, standards, environmental and social consideration.
- To create select and apply appropriate techniques, resources advance engineering and software tools necessary to analyze and design Information Technology problems.
- Understand the impact of IT solutions on society and environment for sustainable development.
- Understand social, safety, culture and 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 with society at large.
- Appropriately incorporate principles of Management and Finance to one's own Work.
- To identify Educational needs and engage in lifelong learning in a changing word of technology.

Webinar cloud computing (8th and 9th July 2020)

Department of Information Technology arranged a webinar on cloud computing for second and third year students. Session was taken by Mr Ramesh Kharat (Chief Technology Officer), Priar Technoworld. 115 students attended the webinar. The objective of this webinar is to help students with the cloud computing concept. And various opportunities and area where they can apply cloud computing.
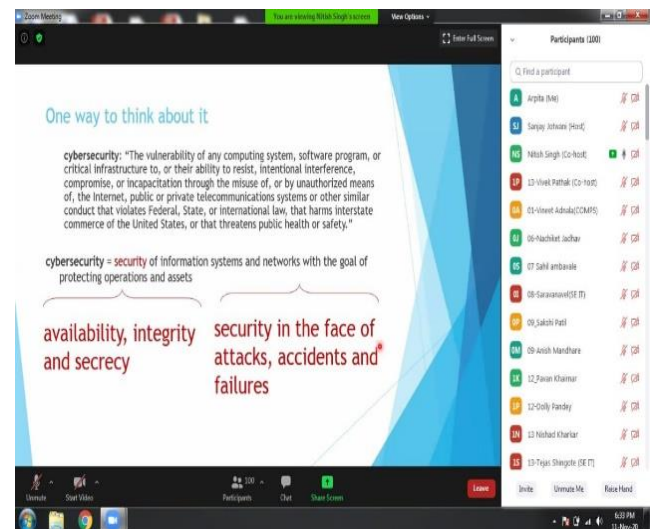

Parent-Teachers Meeting for Defaulters (8th Aug. 2020)

A parent teachers meeting was held for defaulters. The class advisors and the HOD of IT 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 lectures. Parents also shared their feedback on how they are coping up with the new kind of online classes.

Webinar Ethical Hacking (11 Nov. 2020)

Department of Information Technology arranged a webinar on Ethical Hacking for second year students. Session was taken by Mr. Manish Singh (Security Analyst) at Microsoft. Duration of session was one and half hour. 30 students have attended the session. Objective of webinar is to provide information on ethical hacking and how we can we use it to secure our system and network. The course content delivered during the Ethical hacking session are Introduction, Hacking Methods, Vulnerabilities, Password Cracking, Preventions, Ethical Hacking certifications.

Webinar Associate Full Stack Developer (12 Nov. 2020)

Department of Information Technology arranged a webinar on Associate Full Stack Developer for Third and final year students. Session was taken by Mr. Arnab Chakraborty, Veloces Consulting Services. Duration of Session was one and half hour. 85 students have attended the session. The course content delivered during the Full stack session are Overview of core programming concepts, Understanding web application Understanding server side programming And its importance.

Contrivance-2020 (8 Dec 2020)

Contrivance-2020 an online website development project competition was held on 8th December 2020, during 10 am to 4 pm through Google Meeting. The competition was organized by the Department of Information Technology for third year students of IT and Computer Engineering departments. 31 groups (85 students) participated in the competition. It provided a unique opportunity for students to showcase their talent and to win recognition and reward. Academic experts judged the competition. Judges motivated students and guided them through their valuable inputs. Prizes were awarded to the winning teams. All participants were awarded by participation certificate.

1st Prize Mumbai Metro won a cash prize of Rs.500 along with certificate.

2nd Prize There was a tie, so two teams won second prize

    i)   Online Test
    ii)   College Website

3rd Prize Online Food Delivery web application

The 2nd and 3rd prize winners were awarded gift prizes along with certificate.

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 Information Technology department. Parents also asked their queries regarding final exams and gave their feedback.

Faculty Achievements

1) Huawei certification done by Prof. Maahi Khemchandani in Artificial Intelligence and is certified as a Huawei certified academy instructor.
2) Huawei certification done by Prof. Diksha K. Gautam in Artificial Intelligence and is certified as a Huawei certified academy instructor.
3) NPTL online certification done by Prof. Kirti Pawar in Programming in Java with Elite certificate.
4) Patent "Aquatic animal friendly Ocean cleaning system" Published by Dr. Manjusha Deshmukh, Prof. Vaishali Jadhav Prof. Diksha k.Gautam, Prof. Maahi Khemchandani and Prof. Ragini Sharma.
5) Patent "A trustworthy System based on Block Chain and Artificial Intelligence for farmers Empowerment" Published by Dr. Manjusha Deshmukh , Prof. Vaishali Jadhav Prof. Diksha k.Gautam, Prof. Maahi Khemchandani and Prof. Ragini Sharma**.**

Students Achievements

SE Toppers

Sr. no.	Student name	Class	SGPA
1	KAMBLE SAMIKSHA	SE	10
2	PANDIRKAR SRUSHTI SHYAM	SE	9.85
	PATILRUTIKA	SE	
	VENDE PRIYANKA	SE	

TE Toppers

Sr. no.	Student name	Class	SGPA
1	BHOSALE PRATIKSHA BEDSE SNEHA MASID DESHMUKH SHIVANI JADHAV PRATIKSHA KALE PRATHMESH MESRTY MENIKA S	TE	10
2	MOTE PRATIKSHA	TE	9.45

BE Toppers

Sr. no.	Student name	Class	SGPA
1	VHADAGE PRANALI	BE	9.85
2	JADHAV MANSI BARANWAL NIKITA	BE	9.20