K. J. Somaiya Institute of Engineering and Information Technology Sion, Mumbai
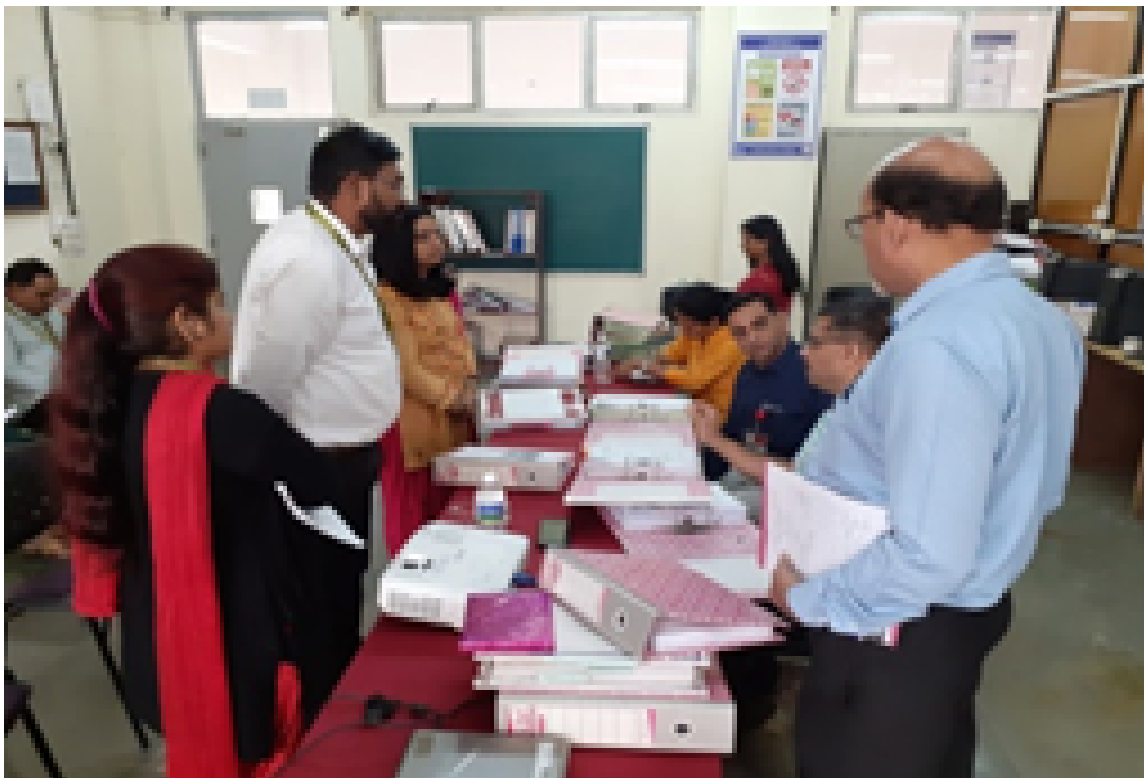
Department of Electronics Engineering

<u>**Newsletter**</u>

<u>"Techotsav"</u>

Academic Sem : Jan 2020 - June 2020

- On 3rd January 2020 ETRX department organized an External Academic Audit . Dr. Vishwesh A. Vyawahare, Professor, RAIT, Nerul, Navi Mumbai visited ETRX department.

Auditor checking of department files

- Mrs. Sarika Bhosale has organized a workshop on **"Arduino Boards & I/O Devices Interfacing"** on 18th January 2020. 22 students from ETRX, COMP and EXTC branches attended the workshop**.**

Participants of workshop

- Mrs.Sarika Bhosale organized a lecture on "Importance of Technical Workshops for Career Growth" where speaker was Shshank Karn (2018-19), Program Analyst IT, WNS Global Services

Lecture given by Mr. Shashank Karn

- An Expert Talk on '**Project Based International Summer Internship Program (UG Fellowship)** was organized for aspiring FE-BE students on **5th February, 2020** at 3.00-4.00 PM. The guest speaker was **Dr. Inamdar** Director, CTIF Global alliance capsule, USA & UK team.

Session on 'Project Based International Summer Internship Program by Dr. Inamdar

- One award jointly by two companies like Trans Asian Chamber of Commerce & Industry with Widyaarjan LLP is given to Mr. Shashank Karn, student of Electronics Engineering. The Name of the Award is "Late Namrata Bhagat Award for Innovative Youth Engineer-2019".

Award received by Mr.Shashank Karn

- **The Road Safety Awareness Yacht Club was organized by NSS units.** An interactive session was organized on 16th of January, 2020. All the arrangements for the session were carried out by VCAN Social Sanchar. NSS unit of K.J.S.I.E.I.T Sion, also helped the management team of the event.

- The NSS unit of KJSIEIT on 23rd Jan,2020 joined the bone marrow registry camp that was held in the college premises between 9 am to 5 pm. The camp was conducted by the marrow donor registry (India) headed by Dr Praveen Clement.

Bone marrow registry camp

- Republic Day was celebrated at our college campus on 26th January 2020, in which most of our NSS volunteers, college staff and students were present.

Republic day Celebration by NSS unit

- Electronics department has done MoU as given below:

Date	Organization	Objectives
27-02-2020	VLink	MOU signed for all departments for internships in Arduino, Raspberry pi, IOT, AI , to conduct workshops and industrial visits from time to time.

- Mrs. Sheetal Jagtap Organized visit to IIT-Mumbai SAMEER on 28th Feb 2020 for TE ETRX students. There were 33 students from the third year ETRX department with teachers Sheetal and Vrinda mam.

Visit to IIT Mumbai, Sameer

MoU signed with Vlink

- Mr.Saikat Duttaroy and Mr.Vivek Parmar received first prize Prize for "Best Business proposal for Smart Garbage box" on 29th Feb 2020.These students are studying in TE ETRX.

First Prize received in Best Business Plan Competition

● Mr. Saikat, Mr.Sushant and Mr. Mithil received the prize for best Business proposal (Agricultural Category) for Autonomous spraying Drone in the competition organized by IIC on 29th Feb 2020. These students are studying TE ETRX.

Prize Received by students in IIC competition

- TE ETRX student group Mr. Saikat, Mr.Sushant, Mr.Vivek and BE ETRX student group Mr. karan , Mr. Tanmay received first prize on Innovation day for innovative project " Smart Wheelchair"

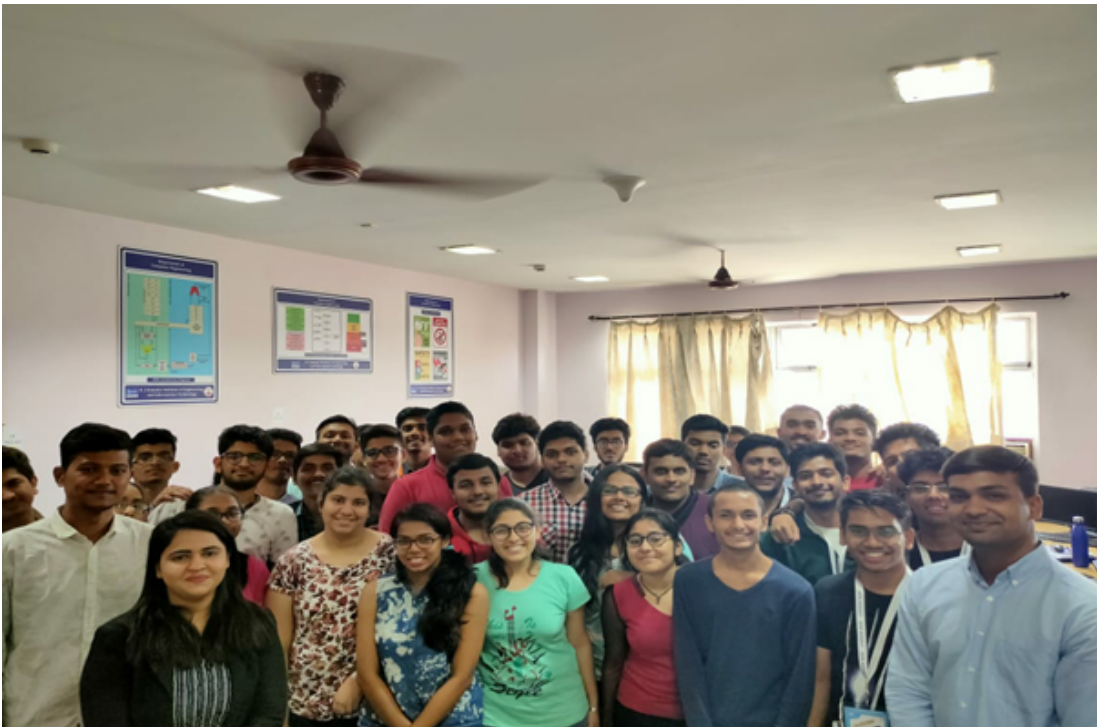Receiving certificate for innovative project" Smart Wheelchair"

- In this academic year 2019-20, ETRX department received a Minor Research Grant from Mumbai university for 4 different projects worth Rs. 1,45,000/-.

Machine Learning based performance analysis and classification of effect of Indian Raga for alleviating most common ailments of modern society	Prof. Dr. M. U. Nemade	2019-20	Rs. 35,000/-
Self Assistive and Low Cost Solar Grass Cutter	Prof. Sheetal Jagtap	2019-20	Rs. 35,000/-
Autonomous Floor Cleaning Robot with Obstacle Avoidance Technology	Prof. Medha Asurlekar	2019-20	Rs. 35,000/-
Programmable Laser Engraving Machine	Prof. Sejal Shah	2019-20	Rs. 40,000/-

- Prof.Medha Asurlekar coordinator of IETE activities and team organized many activities for students. The Cyber Security workshop was a one-day workshop, which was conducted by professionals from **Hacktify Cyber Security Organization**. 35 participants were there.

Workshop on Cyber Security

Participants in Cyber Security Workshop

- Under IETE activities, Project Competition was held for SE and TE ETRX/EXTC students.In this event, teams with working hardware projects were judged based on their project idea, structure of project and presentation. Winners are as follows,

For SE students:

Rank	Department	Name of Participants
First Rank	SE ETRX	Shashwati Singh, Omkar Samal, Sunita Yamgar and Kiran Sarvade
Second Rank	SE ETRX	Ashish Tiwari, Rakshit Shetty,Tanmay Sawant, Yash Sutaria

Participants explaining their project to Judges

- Electronic department has organized Industrial Visit to Capgemini Technology Services, India Limited on 24th Feb 2020. BE ETRX students attended the visit.

Group photo at Capgemini Services

- Smart India Hackathon 2020 held at KJSIEIT campus on 17th January organized by IIC Secured 1st rank for Low cost Smart Autonomous Remote Monitored Agri Horticulture System (Hardware) Under the Guidance of Dr Milind Nemade.

Winners of Smart India hackathon 2020 with HOD

- Artificial Intelligence and Deep Learning (AIDL) hackathon organised by Unifynd on 6th

March 2020 to 8th March 2020. AIDL was a 3 day hackathon where 220 teams of both students and industry professionals participated.A team from our college won the hackathon.There were four members in a team-

Burhanuddin Udaipurwala from TE COMPS

Idrees Dargahwala from TE COMPS

Neha Malvia from TE ETRX

Shivam Bhanushali from TE COMPS

They built a cross platform React Native app that scanned invoices using the device camera and after cleaning, it extracts the text from the image. They received a prize of Rs. 50,000/-.

- With a view of engaging with the KJSIEITians during the lockdown situation, a live streaming of Webinar with Alumni –Mr. Jay Shah on 24th May, 2020 (Sunday, 10.00-12.00 noon) , was organized by Prof. Ghanashyam Phadke –Training & Placement Officer. Principal Dr. Suresh
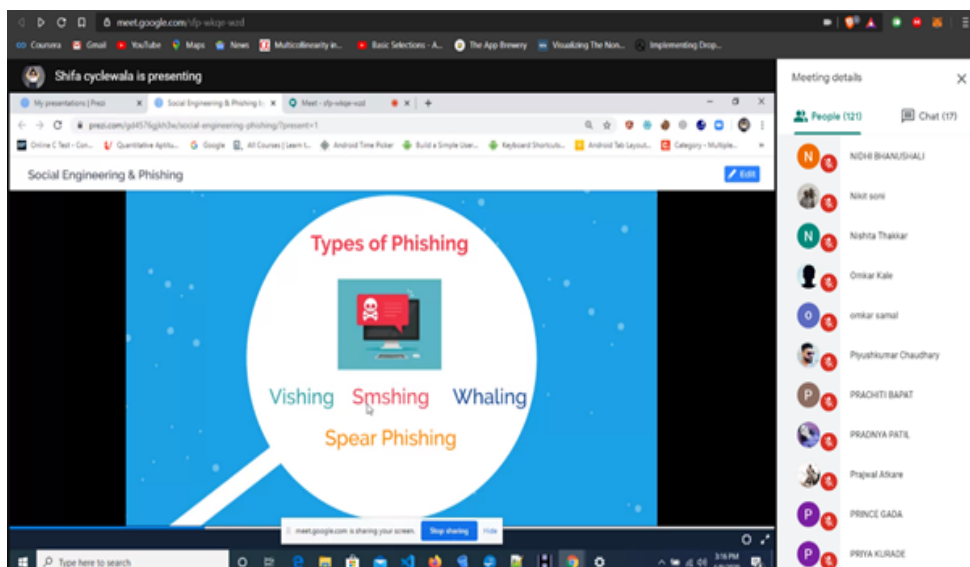
Ukarande at the onset provided his guidance to the students and appealed to the Alumni to extend their core skill expertise via Webinars, Internships to in-house students.
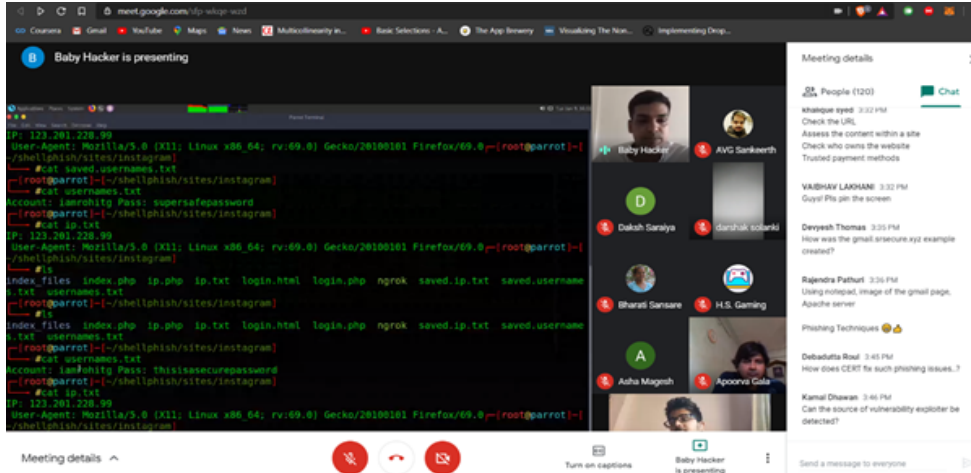
Mr. Jay Shah Jay Graduated from KJSIEIT in 2015, Currently working as Cloud/DevOps Consultant and also a Lecturer in USA.

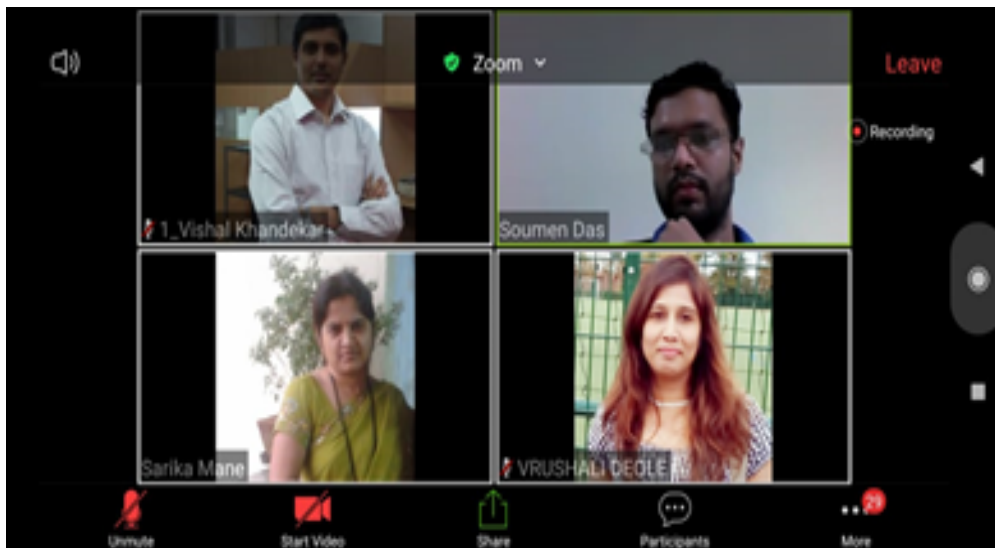*Webinar Clipping Of The Live Webinar With Alumnus—Mr. Jay Shah*

- Prof. Medha Asurlekar has organised a webinar under IETE events. A Webinar was conducted on Tuesday, 9th June, 2020 through Google Meet. The speakers were called from a company named Hacktify who are industry experts. The aim was to help students wrap their head around the uses and scope of Cyber Security in the industry.

Clips of webinar on cybersecurity

- The Department of Electronics Engineering organized a Webinar on "Internet of Things and Mobile Applications" on 6 th June, 2020 from 1.00 -2.00 pm. The speaker , Mr. Soumen Das is an Alumnus of Electronics Engineering 2014 batch and a Team Leader at Nvest Solution. Coordinator of this event was Prof.Sarika Mane.

Online session on "Internet of Things and Mobile Applications"