

# K. J. SOMAIYA INSTITUTE OF ENGINEERING AND INFORMATION TECHNOLOGY

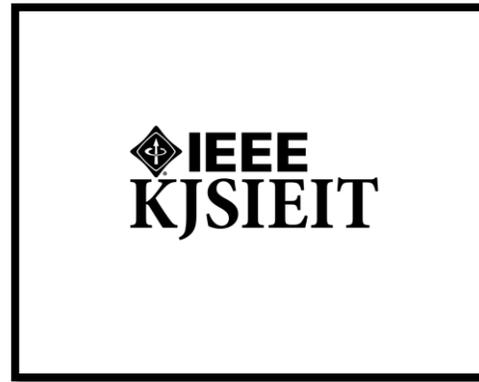
Sion, Mumbai

NAAC Accredited Institute with 'A' Grade

NBA Accredited 3 Programs

Best College Award by University of Mumbai, Urban region, A.Y 2018-19

Autonomous Institute Permanently Affiliated to University of Mumbai, UGC Recognizes KJSIEIT  
under section 2(f) and 12 (B) of the UGC Act, 1956



## THE INSTITUTION OF

## ELECTRICAL AND ELECTRONICS ENGINEERS - KJSIEIT



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VIDYAVIHAR

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# MISSION



- To foster technological innovation and excellence for the benefit of humanity.
- To nurture and promote innovative technical ideas in the technical fields.
- To solicit, refine and disseminate quality technical information.
- To support personal development on all fronts in an individual.



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# REPORTING AUTHORITIES



**Prof. Sandeep Mishra**  
Counsellor



**Prof. Pranali Hatode**  
Coordinator



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# **ROLES AND RESPONSIBILITIES**



- To conduct technical education programmes for Human Research Development.
- To develop a volunteered environment where technical thoughts leaders converge and create.
- Communities for people working in various fields.
- To organize technical gatherings to foster innovation and interchange.
- To help students learn about new technologies in upcoming fields in an interesting and carefree manner, as well as help them groom themselves and their personality.



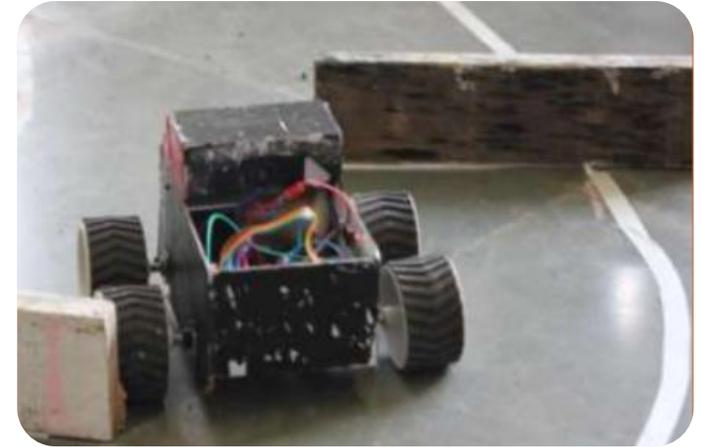
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# About IEEE



**Institute of Electrical and Electronics Engineers (IEEE) is an international professional technical body of electrical engineers and people from associated disciplines. IEEE takes an active part in all the technical events held in the college. IEEE conducts various technical and non-technical fun events during the annual technical festival of KJSIEIT, Renaissance. It also conducts various seminars and workshops round the year, which help students gain an insight and equips them with the current needs and requirements of the industries.**



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**Students and staff of the institute participated in making every event a great success.**



# THE IEEE KJSIEIT EVENTS



- **Robotics Webinar**
- **Arduino Workshop**
- **CS:GO Tournament**
- **Level Up Games**
- **Technical Paper Presentation**
- **Webinar on Digital Manufacturing using IOT**
- **Treasure Hunt**
- **Web Development Internship**



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# Robotics Webinar



Introduction to the ever increasing field of robotics, structure and build of robots, their components and procedure to build and applications of robots were discussed.

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KJSIEIT IS ACCREDITED BY NAAC WITH "A" GRADE  
THREE PROGRAMS ACCREDITED BY NATIONAL BOARD OF ACCREDITATION  
BEST COLLEGE AWARDED BY UNIVERSITY OF MUMBAI, ISTE (MH) AND CSI (MUMBAI)

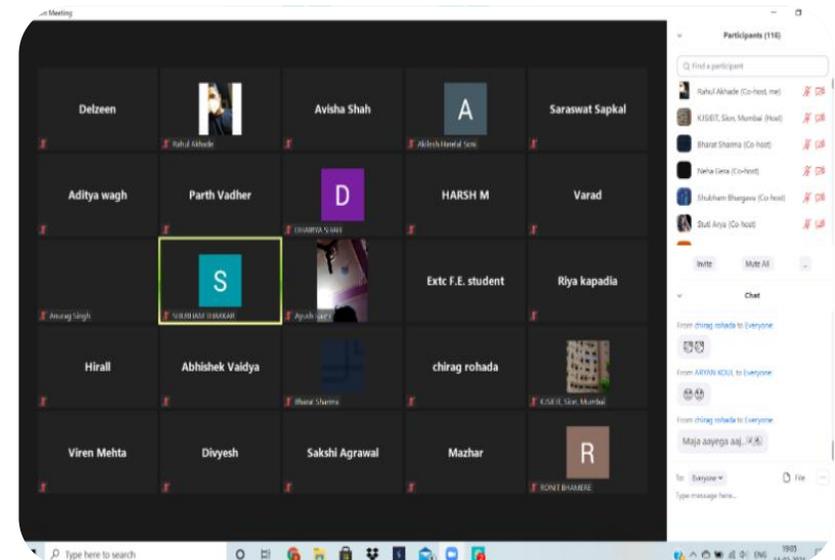
Speaker from Abroad, An Alumni  
**ADITYA CHAUDHARY**  
FIELD OF ROBOTICS

**IEEE KJSIEIT**  
WEBINAR ON  
**ROBOTICS** OPEN TO ALL

Organised by IEEE KJSIEIT  
Along with Department of  
Electronics & Telecommunication

**30<sup>TH</sup> & 31<sup>ST</sup> JULY 2020**  
**5:30PM TO 7:30PM**  
**ON BOTH DAYS**

For Further information  
Jash Sanghvi 9969697892  
Saurin Shah 9664168488

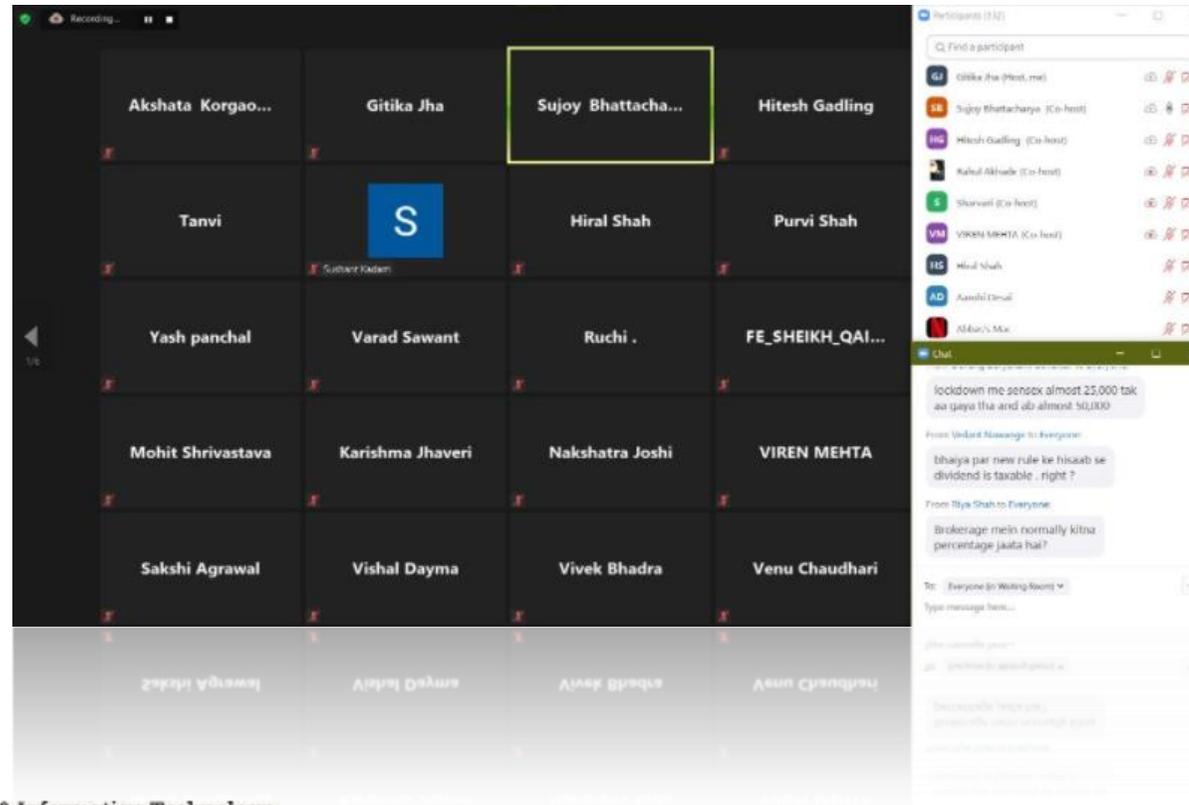


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# Arduino Workshop



Arduino is an open-source electronics platform based on easy-to-use hardware and software. Sensors simulation with Arduino Uno on tinker cad and various IOT based project ideas were discussed.



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# CSGO Tournament



Counter-Strike : Global Offensive is a multiplayer first-person shooter which was hosted on AWS server and a competition was conducted between teams of 5.



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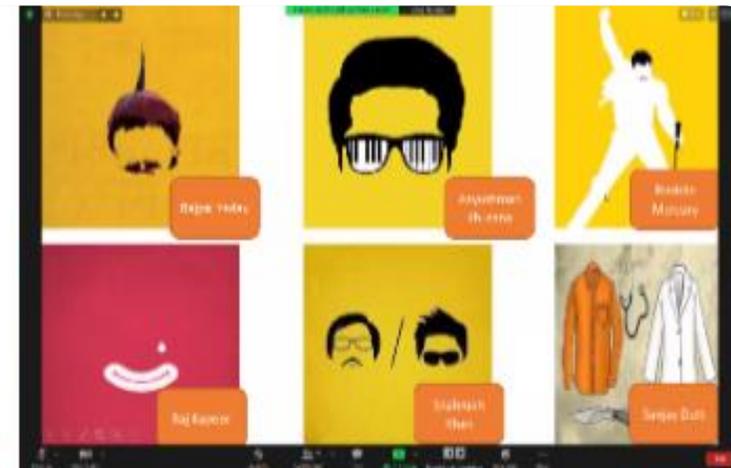
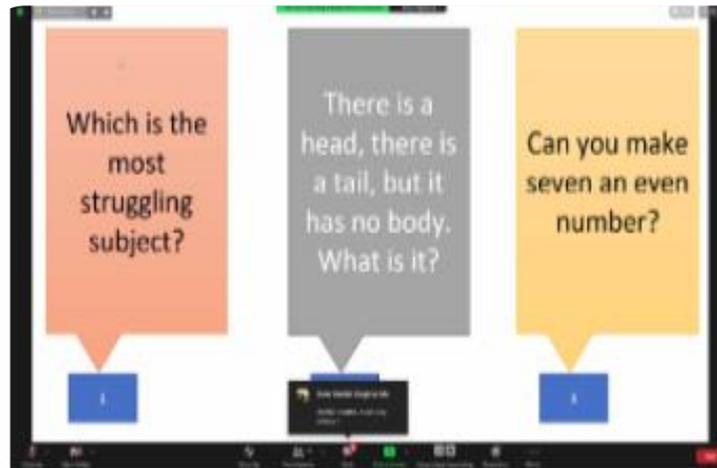
# Level Up Games

Participants challenged each other with contests like logo quiz, tags, guess who, puzzle mania and many more.



LEVEL UP GAMES

LEVEL UP GAMES



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# Technical Paper Presentation



A Competition was organized giving a platform to all project enthusiasts to present their technical papers and get them assessed.

**What India needs to focus on to boost EV industry**

- India must develop strong Research and Development (R&D) capacity leading to commercialization in Electric vehicle ecosystems keeping in mind 'Make in India' goal.
- Rolling out incentives to the consumers for purchasing EVs as well as to the manufacturers/traders in the form of tax benefit/tax discount.
- The charging infrastructure should be rapidly developed. Installation of chargers should be allowed on street parking, parking lots and any public charging space.
- A model that brings together IITs, young and talented #startups, private manufacturing and CSR could be put in place.
- India needs to ensure that electric buses, cars and taxi fleets used by the government departments become viable.
- Steps to be taken to gradually phase-out ICE vehicles.
- CSR funding to be arranged through corporate companies/PSUs to boost the #startups involved in EV industry.
- #Startups will play a pivotal role in the evolving electric mobility space around the world.

Zoom Meeting

Participants (24)

Find a participant

Participants listed: snehal (Me), JAHANVI SHAH (Host), Shrutu Dhanraj (Co-host), Aditya More, Pranali Katode, AKSHITA GIREKAR, alokh mandani, Aniket, Harsh Koli, Harshita Mishra, Janhavi Obhan, Jignusha Dalal, Ritesh Pandey, Harshita Mishra, Aniket, Piyush K Singh, Yash Patel, Snehal, Aditya More, Janhavi Obhan, Pranali Katode, Nishi Varsheti, Namita, Namita Srani, Rahul Dhanraj, Shrutu Dhanraj, Smit Patel, Vipul Mayekar, JAHANVI SHAH, AKSHITA GIREKAR, Janhavi Obhan, Tikotomo Drive, MANJING RAT, Ritesh Pandey, Harshita Mishra, Aniket.



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# Webinar on Digital Manufacturing using IOT

Digital manufacturing covering IoT, IIOT, AR/VR, Machine Learning, Artificial Intelligence and Blockchain were discussed.

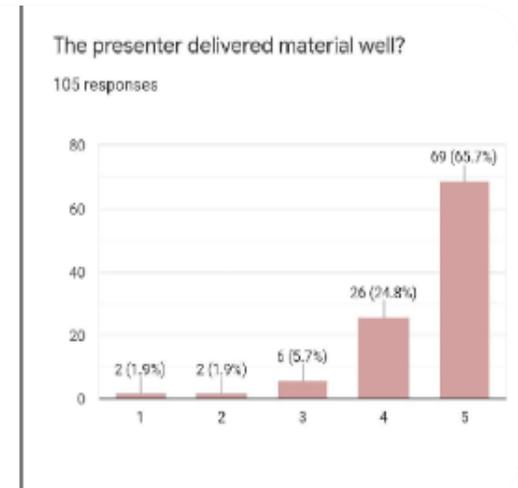
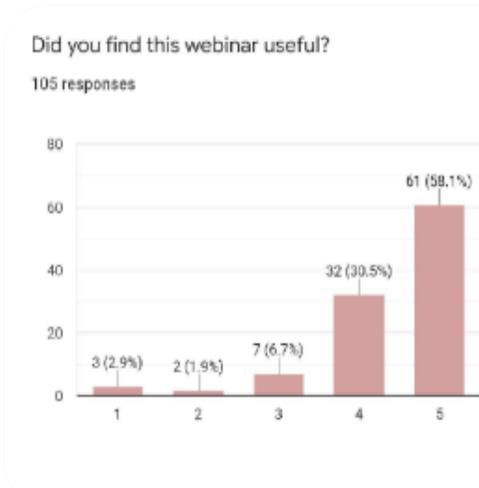


**TODAY**

**INDUSTRY 4.0**  
Cyber Physical Systems,  
internet of things, networks  
Mass Customization

**9 PILLARS OF TECHNOLOGICAL ADVANCEMENT**

- Autonomous Robot
- Simulation & Augmented Reality
- Horizontal & Vertical Integration
- Industrial Internet of Things
- Cybersecurity
- Cloud
- Additive Manufacturing 3D Printing
- Supply Chain
- Big Data Analytics



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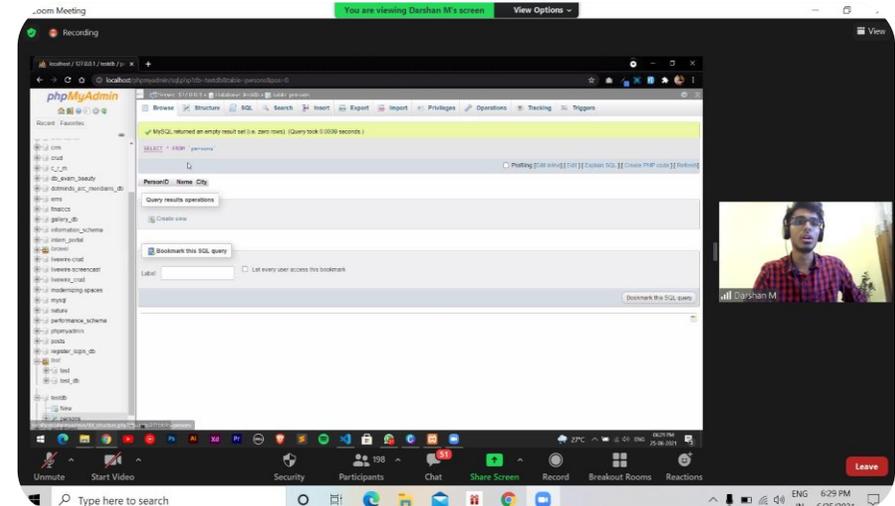
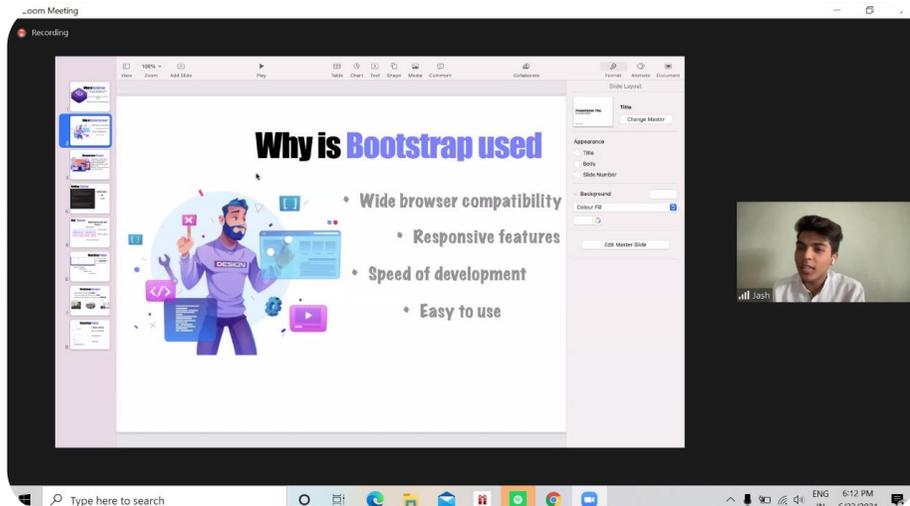
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# Web Development Internship



Fundamental web development questions like learning to make a web application using HTML, CSS, Bootstrap for front-end development along with PHP for back-end and MYSQL for database connectivity were taught and project was given at the end on internship.



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# Introduction to IEEE Members



**Rahul Akhade**  
(Chairperson)



**Gunjan Rawat**  
(Vice Chairperson)



**Ruchika Singh**  
(Secretary)



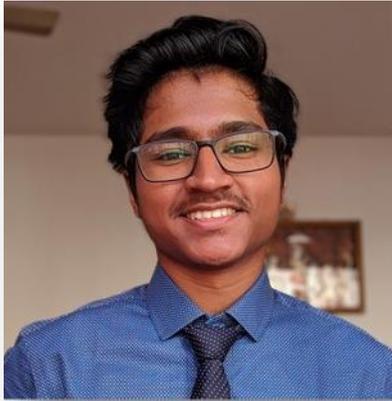
**Sarvesh Shah**  
(Treasurer)



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# Introduction to IEEE Members



**Milind Rampure**  
(Chief Technical Officer)



**Drishti Jobanputra**  
(Public Relations Officer)



**Jill Chawan**  
(Chief Executive Officer)



**Varun Dixit**  
(Digital Media Manager)



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# CONTACT INFORMATION



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Secretary	Ruchika Singh	9819727992	ruchika.ss@somaiya.edu
Treasurer	Sarvesh Shah	9820178889	sarvesh.ys@somaiya.edu



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# END NOTE



**With its vision and mission in mind, The IEEE will always continue to uplift the engineers to get up skilled and develop a foresight in their respective fields for the betterment of themselves and the society at large, wherever they may be !**



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