

Vision:

To contribute the Society through technical education with strong ethics for enhancement of humanity.

Mission:

M1: To motivate technical students for entrepreneurship.

M2: To develop industry relevant skills in students.

M3: To promote the value of ethical behavior, responsibility and commitment.

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About Electronics & Telecommunication Department

We started our journey in the year of 2003. Electronics and Telecommunication cover vast areas in the field of engineering. Electronic and telecommunication engineering, is an engineering discipline where non-linear and active electrical components such as electron tubes, and semiconductor devices, especially transistors, diodes and integrated circuits, are utilized to design electronic circuits, devices and systems. Also passive electrical components and printed circuit boards are utilized for designing different electronic systems. Electronics & Telecommunication is a diverse field of engineering which is connected to all branches of engineering.

CAREER FORECAST:

- Electronics and communications engineering technology is a broad field concerned with the development, installation, testing and maintenance of communications systems.
- Companies in India for Electronics and Telecommunication are BSNL, MTNL, Defense sector, NPL, Telecom Department, Railways, Bharat Electronics Limited, DRDO, IBM, TATA consultancy services, Infosys, Hughes, Ericsson, TATA teleservices, Reliance, L&T Infotech, Microsoft, Ninescirpt Technologies Pvt. Ltd, Vodaphone.



Mrs. V. S. Gaikwad

ME (Electronics)

HOD Electronics & Telecommunication Engineering Department

It gives me immense pleasure to lead the department of Electronics & Telecommunication Engineering. An Electronics & Telecommunication degree is one of the most aspired degrees today for both undergraduate and post graduate students. Electronics & Telecommunication can be used widely in all the sectors of the economy and even in the education sector so it has become the most preferred career option all over the world.

For overall development of the students, Guest Lectures, Technical workshops, Soft Skill trainings and summer internships are arranged. Electronics & Instrumentation Student's Association (ELISA) helps the student to arrange various programs in the Department. It leads to develop the leadership in the student. Industrial Visits are arranged in every semester to expose the students to real world applications. The department has experienced and dedicated faculty members with strong commitment to the engineering education and professional ethics.

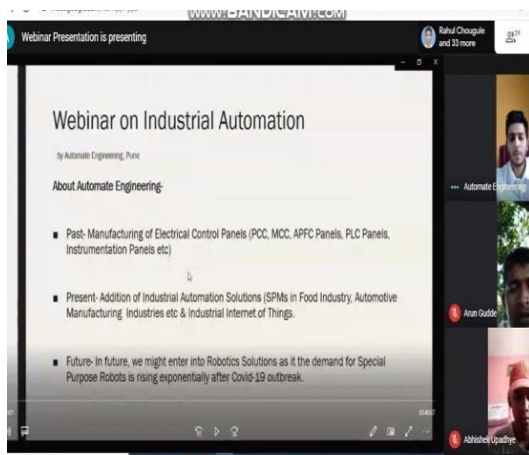
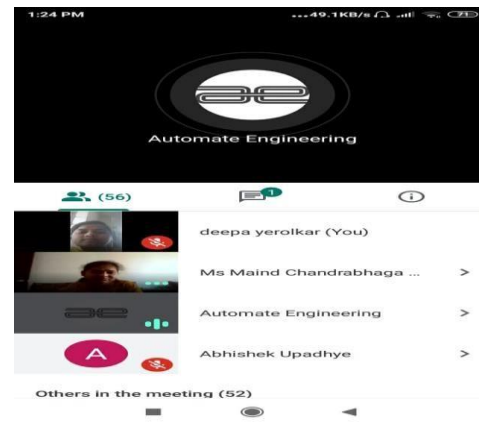
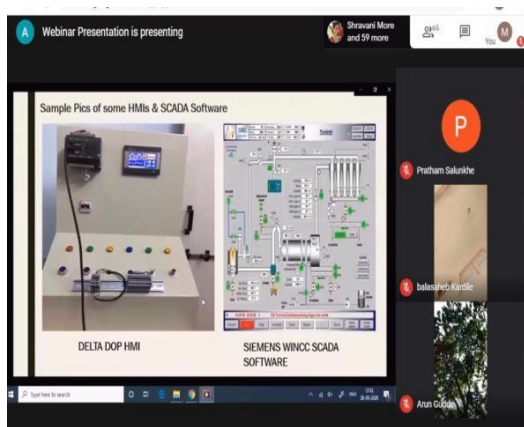
The Electronics and Telecommunication Department newsletter is a platform for sharing educational information, activities and events related. I hope that the newsletter will provide useful and relevant information. It is the intent of the department to make it semiannual publication to keep in touch with the departmental activities and achievements.

Workshop, Training & Other Activities

Webinar on "Industrial Automation"

Webinar on "**Industrial Automation**" on 26th May 2020 organized by Ms.C.M.Maind & Ms.D.J.Yerolkar Lecturer in Electronics and Telecommunication & Instrumentation department, under IEI Students Chapter for all over Maharashtra student of Polytechnic.

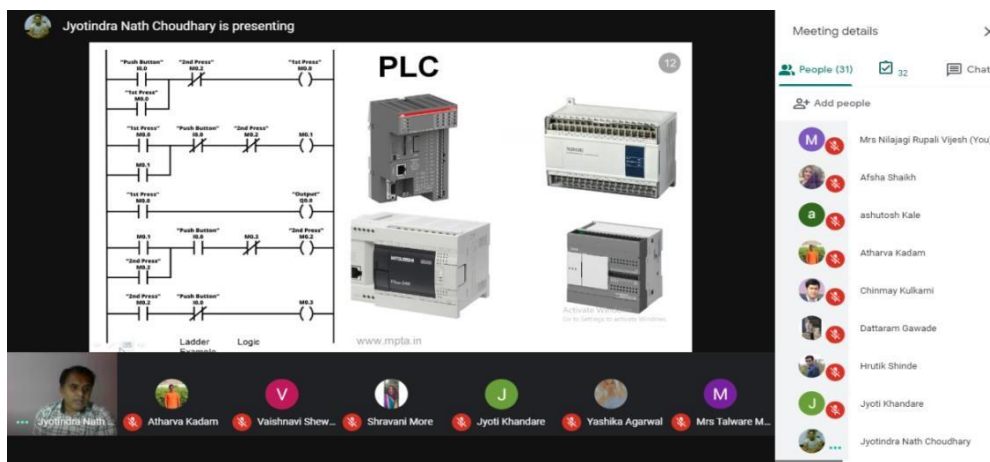
Speaker of webinar: Mr.Akhilesh Deo is Managing Director of Automate Engineering. He works in Industrial & Educational sector to improve the placement rate by bridging the gap between Academia & Industrial needs. He has helped over 1000 Diploma & Degree students for getting sponsored Industrial projects for final year. Recently successfully completed Lab setup with Automation & Internet of things in Environmental Applications for 'Indian Meteorological Department', Shivajinagar, Pune. He has introduced the Technologies, Content, Benefits, Real-time Applications etc. in current Industry and explained Programmable Logic Controllers (PLCs) used as universal element in Industrial Automation.



**Webinar on Programmable Logic Controller for third year students on
Date : 17/08/2020**

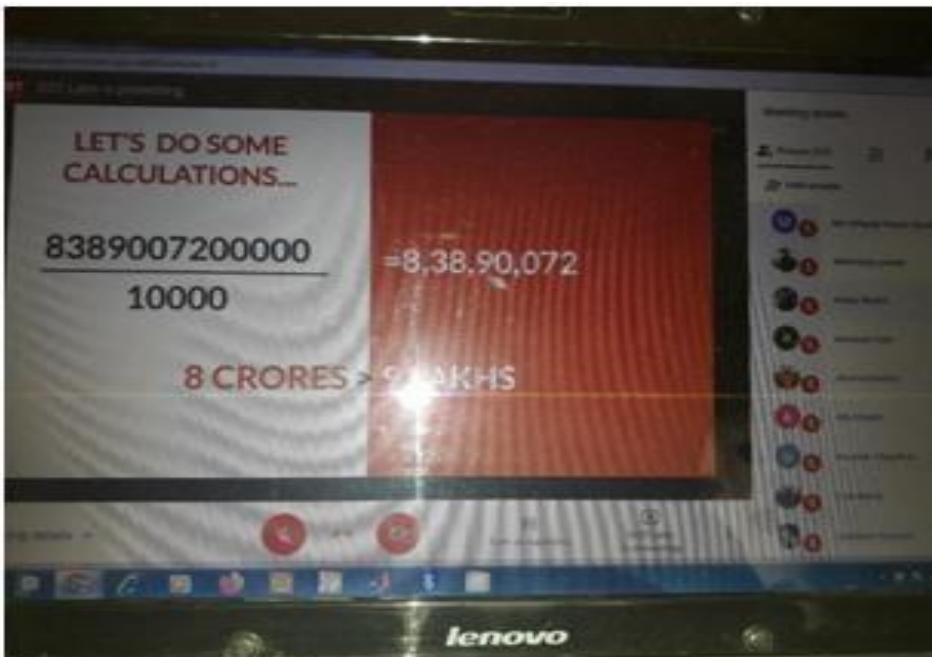
Webinar on Programmable Logic Controller

Electronics and telecommunication department organized a **Webinar on Programmable Logic Controller** for third year diploma Electronics & Telecommunication Engineering department students by **Mr. Jyotindra Nath Choudhary (Senior Industrial Automation Engineer/Trainer, MPTA Education Ltd.)** on date **17/08/2020**. Programmable Logic Controllers used as universal element in Industrial Automation. PLCs can range from small modular devices with tens of inputs and outputs (I/O), in a housing integral with the processor, to large rack-mounted modular devices with a count of thousands of I/O, and which are often networked to other PLC and SCADA systems.



Webinar on Mechatronics and entrepreneurship opportunities for Second and Third Year on date 12-09-2020

Electronics and telecommunication department organized a Webinar on Mechatronics and entrepreneurship opportunities for Second and Third Year Diploma Electronics & Telecommunication engineering department students by: **Mr. Amar Patil and Kaustubh Dhawale (Founder of DOT labs)** on date 12-09-2020 . DotLabs.com provides a platform for budding entrepreneurs and start-up businesses in India to pitch their innovative ideas to successful business people, in the hope of gaining financial investment and invaluable mentoring to transform their ideas to reality.

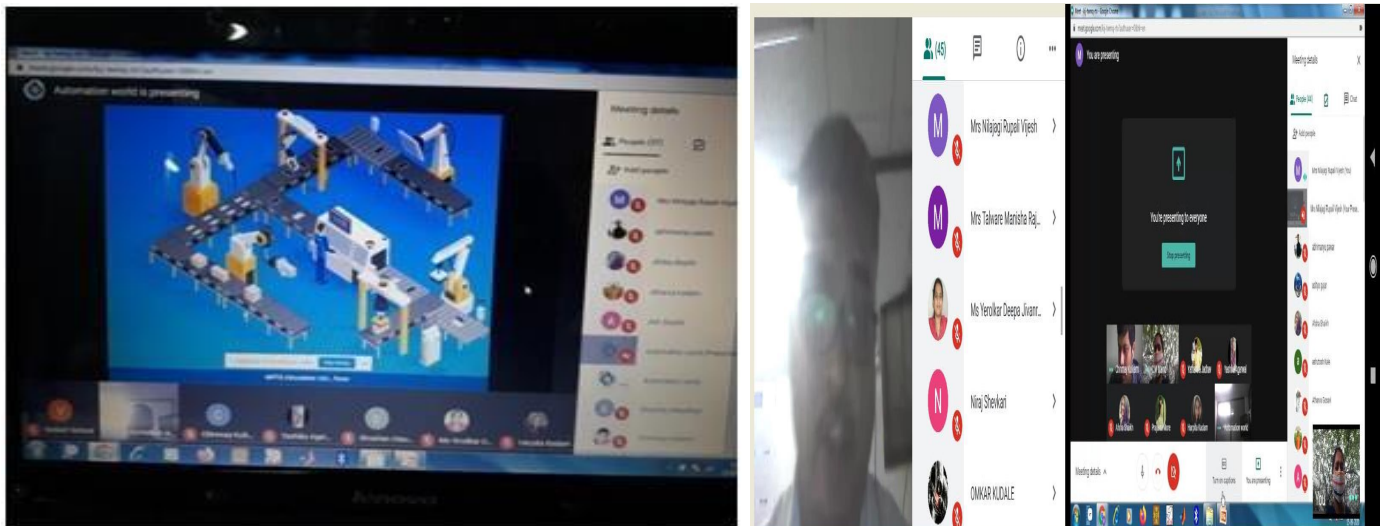


Webinar on Internet of Things & Industrial Automation Organized for Second and Third Year Students on date 15.09.2020

Webinar on Internet of Things & Industrial Automation

Webinar on Internet of Things & Industrial Automation Organized for Second and Third Year Diploma Electronics & Telecommunication engineering department and students on date 15.09.2020. Industrial automation is the use of control devices such as PC/PLCs/PACs etc. to control industrial processes and machinery by removing as much labour intervention as possible, and replacing dangerous assembly operations with automated ones. Due to the rapid advances in technology, all industrial processing systems, factories, machinery, test facilities, etc. turned from mechanization to automation.

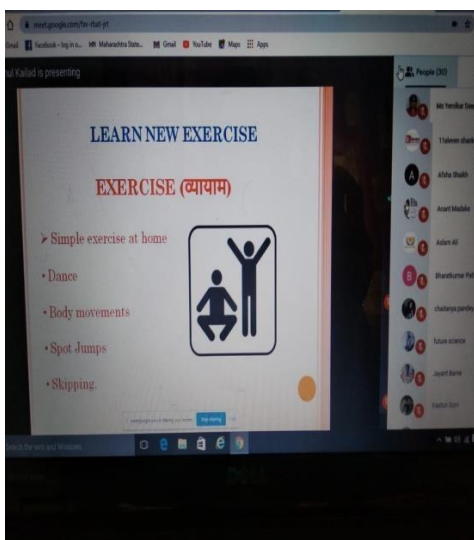
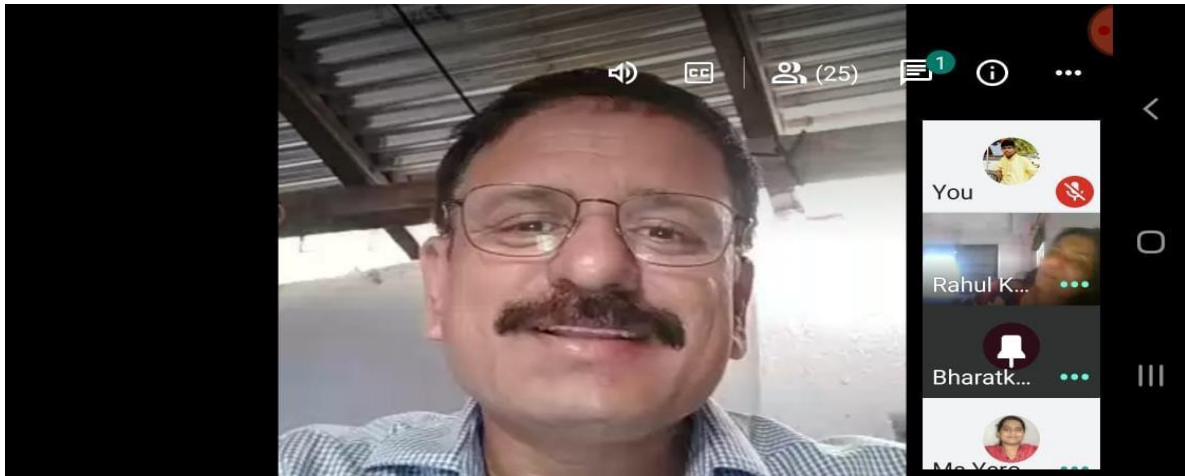
The Internet of things (IoT) describes the network of physical objects or “things” that are embedded with sensors, software, and other technologies for the purpose of connecting and exchanging data with other devices and systems over the Internet. Using IoT industrial automation develops a system which will automatically monitor as well as control industry autonomously without human intervention. IoT reduce the maintenance cost, optimize critical monitoring system etc.



Webinar on मी यशस्वी आहे on 1st June 2020 under IEI Students Chapter

Electronics & Telecommunication department organized *Webinar on मी यशस्वी आहे* on **1st June 2020** under IEI Students Chapter. Mrs. Nalini Ramesh Kailad M.A.PGD (School Psychology & Counseling) is the Speaker for this webinar. She conducted this online webinar on Go To Webinar platform. She guided all the participants from all over Maharashtra about how to grow through the Pandemic Covid-19 situation physically as well as mentally.

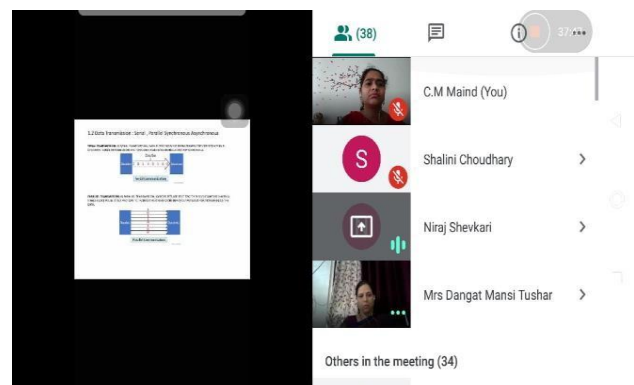
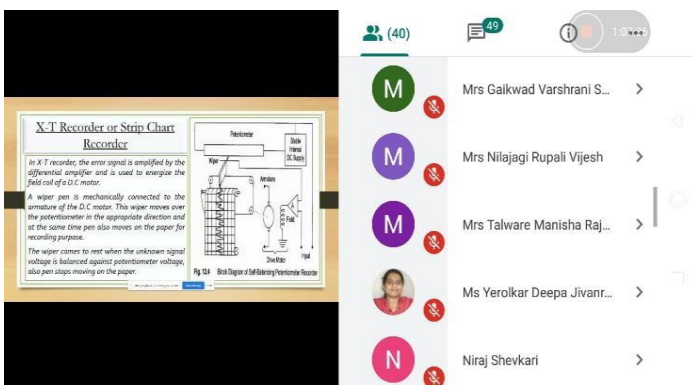
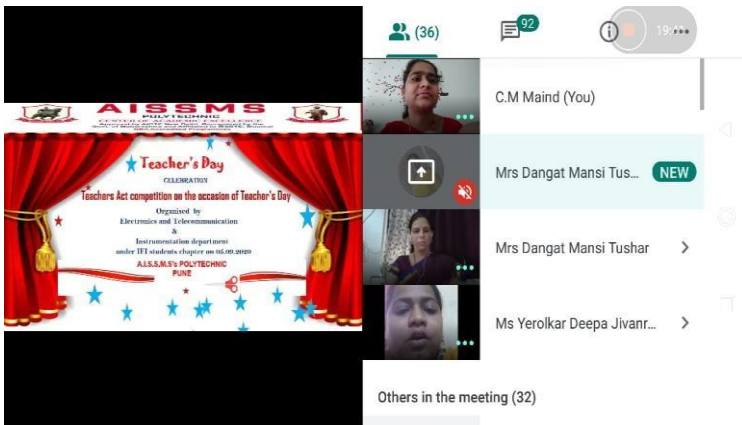
In her wonderful session she highlighted on topics human emotions (Bhavana), body, mind, breath, programming the sub conscious mind. She also motivated students about having nutritious diet, exercise, self-talk, thought process, self-affirmations.



Extra Curricular and curricular activities

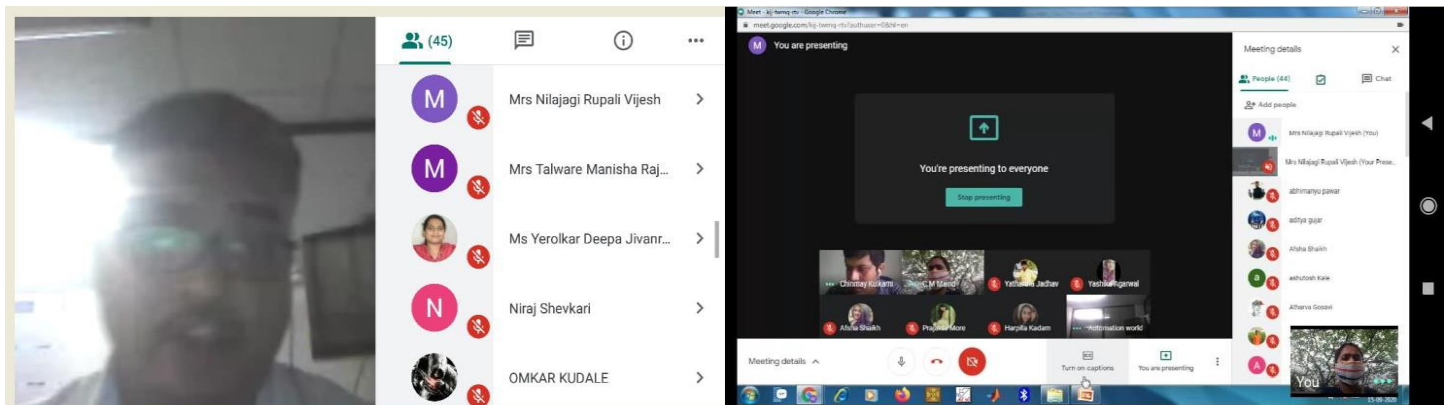
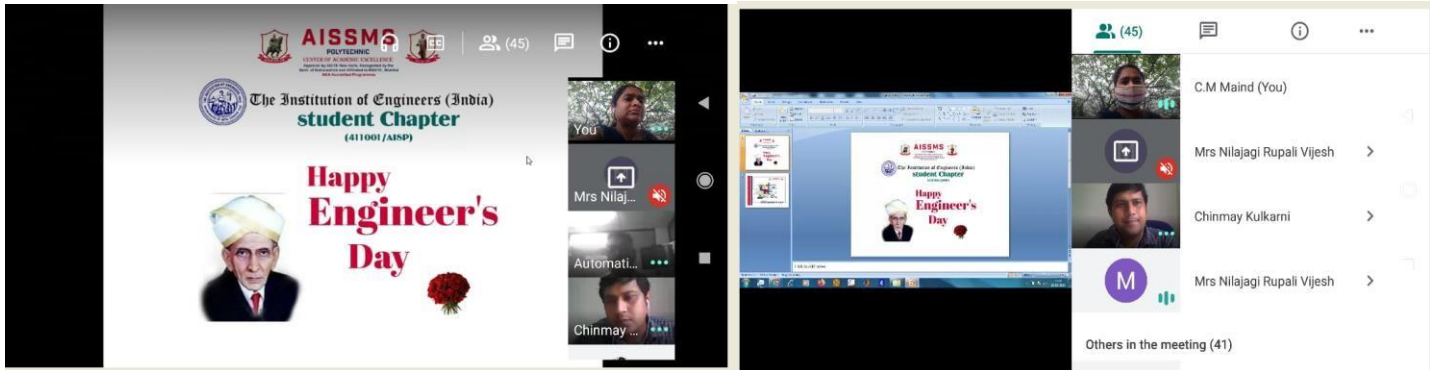
Teacher’s Day Celebration (Teacher’s Act):

Teacher’s day is celebrated by Electronics & Telecommunication Engineering department students. On 5th September 2020 through online mode using Google meet platform, the birth anniversary of the former President Sarvepalli Radhakrishnan, a well-known Scholar, teacher and promoter of education. On this special day, students celebrated the contribution of teachers. Also students from Electronics & Telecommunication and Instrumentation Department shown enthusiasm and taken active participation and performed Teacher’s Act



Engineer's day:

On the occasion of Engineer's day Electronics & Telecommunication and Instrumentation Engineering department organized online Technical Webinar on "IOT & Industrial Automation" on 15th September 2020. The memory of Sir Mokshagundam Visvesvaraya every year the Electronics & Telecommunication and Instrumentation Engineering department has been celebrating the 15th of September as an engineer's day.



This academic year is a little difficult due to the pandemic situation but still, Electronics & Telecommunication and Instrumentation Engineering department had organized an online Technical Webinar on "IOT & Industrial Automation" by experts from industry, Mr. Mahesh Chitale (MPTA Education Ltd, Pune as a Automation Project Engineer + Professional Trainer) and Mr. Chinmay Kulkarni (MPTA Education Ltd Placement Executive). They shared their thoughts and communicated with the students.