

Vision:

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

Mission:

M1: To empower students by imparting social and ethical values.

M2: To nurture young minds for entrepreneurial and industry relevant skills.

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Editor in Chief

Mrs. V. S. Gaikwad

Editor Coordinator

Ms. D. J. Yerolkar

Student Coordinator

Mr. Rudra Chandgude

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.

➤ **Industrial Visits :**

Industrial Visit at “GMRT

No of Students Participated: 27 STUDENTS

Electronics & Telecommunication engineering department under IEI Students' Chapter has organized a Industrial Visit on Friday 18.11.2022 under IEI Students' Chapter in association with GMRT (Giant Meter wave Radio Telescope PROJECT), Khodad, Dist: Pune.

During this visit Students come to know about GMRT Antenna Configuration, Design Breakthrough, why antenna configuration, electronic frontends and backbends.



Industrial Visit at “Indian Institute of Science Education and Research”



No of Students Participated: 45 STUDENTSElectronics & Telecommunication engineering department under IEI Students' Chapter has organized an Industrial Visit on Thursday 28.02.2023 at Indian Institute of Science Education and Research,Pashan, Pune.During this students have visited science project exhibitions and learned skills in areas such as scientific inquiry, problem solving, communication skills, computational sciences, electronics and workshop practices various innovative ideas through these projects.



Guest Lectures

Guest/Speaker: Dr.Priti Shahane

Designation/Organization: Symbiosis Institute of Technology, Pune

Title: “Startup: Latest trends in VLSI Technology”

Date: 13/04/2023

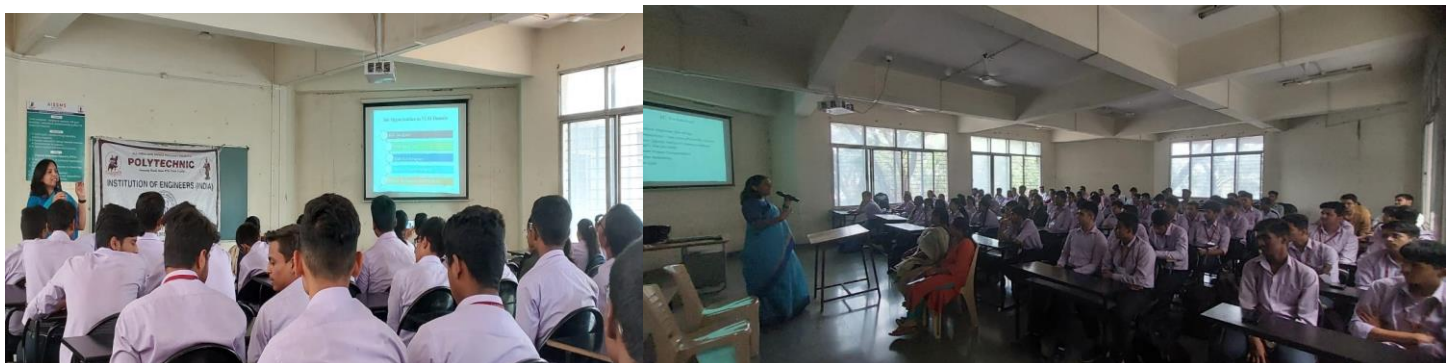
No of Students Participated: 92 Students

Expert lecture on “Startup: Latest trends in VLSI Technology “by renowned speaker Dr. Priti Shahane Assistant Professor in E&TC department of Symbiosis Institute of Technology, Symbiosis International University, Pune organized on Thursday13.04.2023, explained the invention of transistors inspired the underlying principles of VLSI design. Circuit sizes are much smaller if we compare them to their older versions. VLSI circuits are expected to capture relatively low space.

Circuits incorporating VLSI technology in their design are proven more dependable. VLSI utilizes less power than its active counterpart (discrete components).The overall expense of manufacturing electronic gadgets has become lower due to this technological innovation.



Those wondering about pursuing a professional career by learning the VLSI course will receive enormous opportunities as the Indian job sector is expected to experience a boom in the current decade. VLSI technicians are later on hired as professional CAD engineers who become responsible for designing various project frameworks and work in close association with packaging engineers to conceptualize products that are on-demand and cater to specific problems. VLSI practitioners also get recruited as product validation engineers, design engineers, app developers and so on.



Student Participation and Co-Curricular activity

Sr. No	Name of Student	Rank	Date	Activity	Organizing Institute
1.	DIGHE KEDAR SANJAY	Participation	10/03/2023	Paper Presentation	AISSMS Polytechnic Pune
2.	RATHOD PRANAV VIVEK	Participation	10/03/2023	Paper Presentation	AISSMS Polytechnic Pune
3.	PILLAY TANVI SACHIN	Participation	28/03/2023	Paper Presentation	SVC Polytechnic Pune
4.	RUDRA SANJAY CHANDGUDE	Participation	28/03/2023	Paper Presentation	SVC Polytechnic Pune
5.	KHUSHI ANAND RAO	Participation	28/03/2023	Paper Presentation	SVC Polytechnic Pune
6.	CHAMPELI MOHAMMED MURTAZA	Participation	28/03/2023	Paper Presentation	SVC Polytechnic Pune
7.	VARSHA VILAS CHAVAN	Participation	31/03/2023	Info-Spark(MOS Championship)	Pimpri Chinchwad Poytechnic Pune
8.	SHRUTI JADHAV	Participation	31/03/2023	Info-Spark(MOS Championship)	Pimpri Chinchwad Poytechnic Pune
9.	PRANALI VIJAYKUMAR THORAT	Participation	31/03/2023	Info-Spark(MOS Championship)	Pimpri Chinchwad Poytechnic Pune
10.	MINAL BHASKAR WAGHMARE	Participation	31/03/2023	Info-Spark(MOS Championship)	Pimpri Chinchwad Poytechnic Pune
11.	SHRUTI JADHAV	Participation	30/03/2023	Paper Presentation	BNJNIT Polytechnic Pune
12.	AMRUTA VIDHATE	Participation	30/03/2023	Paper Presentation	BNJNIT Polytechnic Pune

MOU

Name of Company For MOU with address :**VIJAY TECHNOLOGIES**

S.N.1/204, Sahjivan Society, opp. Jyoti medico, papadewasti, Fursungi, Pune- 412308, Maharashtra (INDIA).

This Memorandum of Understanding (hereinafter called the 'MoU') is entered into on this the 10th of February 2023 and between. All India Shri Shivaji Memorial Society's Polytechnic, Pune, the First Party represented herein by its Principal and VIJAY TECHNOLOGIES, S.N.1/204, Sahjivan Society, opp. Jyoti medico, papadewasti, Fursungi, Pune 412308, Maharashtra (INDIA).



The second party and represented herein by its Director Mr. Ajay Byale. VIJAY TECHNOLOGIES started at 2017 by Director Mr. Ajay Byale.and has completed 06 glorious years in Industrial Automation & Security System sector. VIJAY TECHNOLOGIES has been providing services across India.

VIJAY TECHNOLOGIES is known for its creative Automation and Security model.

Sports Activities

On the Open Day on 17/02/2023 students of Electronics and Telecommunication department participated in Inter department Box Cricket Competition.



➤ Workshop and Training:

Soft Skill Training for SYEJ Students by IHHI, Pune

Two days soft skill training program for SYEJ students is conducted on 03/11/2022 to 04/11/2022 by Institute of Holistic Healing India, Pune. In this training, the topics covered are Personality development by speaker Mrs. Varsha Dabholkar.



Soft Skill Training for TYEJ Students by IHHI, Pune

Two days soft skill training program for TYEJ students is conducted on 23/11/2022 to 24/11/2022 by Institute of Holistic Healing India, Pune. In this training, the topics covered are Aptitude test, Profit and Loss, Partnership by speaker Mrs.Rupikadevi R. Nimbalkar



Soft Skill Training for FYEJ Students by IHHI, Pune

Three days soft skill training program for FYEJ students is conducted by Institute of Holistic Healing India, Pune on 20/02/2023 to 22/02/2023. In Personality Development Workshop, the topics covered are Intrapersonal communication, Interpersonal communication, setting and achieving goals. Improving Decision Making, Study Skills, and Public speaking.



Workshop on ARDINO/ESp 32 and Internet of Things (IOT)

One day workshop on “ARDINO/ESp 32 and Internet of Things(IOT)” arranged by AISSMS Polytechnic’s Electronics and Telecommunication Department under IEI student chapter on 18/03/2023. This workshop is conducted by Mr.Ajay Byale, Director of Vijay Technologies, Pune and team members Mr.Suyash Mirajkar and Swapnil Chavan.



Entrepreneurship Development Workshop for TYEJ students by IHHI, Pune

Three days Entrepreneurship Development Workshop for TYEJ students is conducted on 25/03/2023 to 27/03/2023 by Institute of Holistic Healing India, Pune. In this training, the topics covered are qualities of good leader, how to be a successful entrepreneur, how to make business plan, market survey etc by speaker Mr.Mirashi Sir.



Soft Skill Training for SYEJ Students by IHHI, Pune

Three days soft skill training program for SYEJ students is conducted on 10/04/2023 to 12/04/2023 by Institute of Holistic Healing India, Pune. In this training, the topics covered are Electric Vehicle



➤ **Cultural Activities:**

Fun fair, Music Corner and Carrom Competition

Getting involved in activities beside the academic can help the students to meet new people with whom they share interests and improve their social skills. Extracurricular activities also help students to expand their network, which is beneficial for finding career opportunities after graduation.

Every year, for students overall development extracurricular activities were arranged by AISSMS's Polytechnic. On 17th February 2020, E& TC Engineering Department organized Funfair, Music Corner and Carrom competition.



Shiv Jayanti

Shiv Jayanti is the birth anniversary of great Maratha ruler Chhatrapati Shivaji Maharaj. Shiv Jayanti is celebrated every year on February 19 with much pomp in the entire College. This year on 19 th Feb.2023. Honorary Principal, Mr. S K Giram graced the occasion by his presence and inspirational talk.



Alumni Meet

The Electronics and Telecommunication Engineering Department has organized a Virtual Alumni Meet on 04th March 2023. All staff members and the alumni working in various fields in the world have joined this program. Some of alumni expressed their views about the college and alumni meet.



Women's Day

The International Women's Day was celebrated at AISSMS Polytechnic on 8th March, 2022. The purpose of celebrating Women's Day is – To raise awareness about the status and dignity of women among the students. On International Women's Day, Internal Complaint Committee (ICC-Vishakha cell) of our institute was organized awareness campaign on "Precautions to be taken in menstrual cycle" for all the girl students, teaching and non-teaching ladies staff. The demonstration on selection of biodegradable sanitary pads was given by Dr. (Mrs) M.S. Gijare.



Technical Paper Presentation-Technovision 2023

Electronics &Telecommunication Department in association with IEI Student Chapter organized State Level Technical Poster Presentation Competition "TECHNOVISION-2023"on 10th March 2023.This event aimed to provide a platform for students to present their innovative ideas and technical solutions in both offline and online mode.. It was a great opportunity for students to learn from industry experts and interact with peers.

Some online participants also presented their papers very nicely using Google meet platform



Parent-Teacher Meet (PTM)

The Electronics and Telecommunication Engineering Department has organized a Parent-Teacher Meet on 12th of April 2023 for SYEJ and FYEJ students. In PTM we discussed online MSBTE S-23 conduction and student's attendance and Class Test-1 performance.

