


<b>ARMY INSTITUTE OF TECHNOLOGY, PUNE</b> <b>DEPARTMENT OF</b> <b>ELECTRONICS &amp; TELECOMMUNICATION</b> <b>ENGINEERING</b>				
<b>Editor in Chief</b> <b>Dr. G R Patil</b> HoD, E&TC	<b>Editor</b> <b>Komal Gill</b> <b>Mahima Jain</b> Asst. Prof, E&TC	<b>Technical Support</b> <b>Mrs. Deepali Apraj</b> <b>Mrs. Bhagyashri Pawar</b> <b>Ms. Namrata Pawshe</b>	<b>Student Members</b> <b>Paramjeet Singh</b> <b>Anusaya Muduli</b> SE, E&TC	<b>MAGAZINE</b> <b>&amp;</b> <b>NEWSLETTER</b>
<i>"Scientists study the world as it is, engineers create the world that never has been"-Theodore von Karman</i>				<b>JUL-DEC 2024 Issue 1</b>

## Meetings

### AAC Meeting

Meeting of Academic Advisory Committee (AAC) was held on Wednesday, 16<sup>th</sup> Aug 2024, at 10.00 am in Old Conference Hall.

#### AAC Members:

- Dr.Y.Ravinder, Prof, Dept. of Electronics Engg., PICT
- Mr Upendra Potdar-Director Business Development KNEO, Automation Pvt Ltd
- Mr.Baikunthnath Dwivedi, Alumni AIT

#### Internal Members:

Dr. B. P. Patil, Principal-AIT  
 Dr. G. R. Patil, HOD (E&TC)  
 Dr. P. B. Karandikar  
 Dr. Shraddha D Oza

#### Student Members:

Mr. Atharva Anand  
 Mr. Yasharth  
 Mr. Aditya Sharma

#### Staff Co-ordinators:

Dr. Preeti Warriar  
 Dr. Snehal Marathe

#### Agenda of the Meeting:

- Dissemination of revised PEO's
- Autonomy preparation & NEP 2020 implementation
- Academic Progress

## Staff Activities

### Training Programs

- Faculty attended over 37 STTPs/FDPs/ Training programs during the semester

### Publications

Following Faculty members published/presented papers in various renowned journals and conference during the semester.

- Dr. B. P. Patil
- Prof. J.B.Jawale
- Dr. Snehal Marathe
- Ms. Pragati Rana
- Ms. Monica Gunjal

### Faculty as Resource Persons

The department faculties were invited as Session Chairman/Resource Experts –

- Dr. B. P. Patil
- Prof. J.B.Jawale
- Dr. Snehal Marathe
- Ms. Pragati Rana
- Ms. Monica Gunjal

### Visits

Three faculty from department visited MCTE, Mhow on 25-26<sup>th</sup> Oct 2024. The aim of the visit is to enhance our lab facility, to work on

collaborative projects and provide internship options to the students.



### Ph.D Completed



Dr. Snehal Marathe completed PhD in E&TC from STES's Singhad College of Engineering, Vadgaon (BK), Pune.

## Students Activities

- Many E&TC students participated in various Technical events during this semester.

## Remarkable Achievements-



- Yash Pathak and team, TE E&TC got the 1st position in Smart India Hackathon.
- Prateek Nehra, Salit Kumar and Gaurav Pania were awarded 1<sup>st</sup> position and Omesh Kumar and Shivam Prajapati got 5<sup>th</sup> position in Meshmerize competition in Hyderabad Zonal of Techfest organized by IIT Bombay.
- Paramjeet Singh is awarded by outstanding performer in Land of Opportunities by G20 Global Land Initiative
- Yash Pathak has been awarded the Best Photographer at Dr D Y Patil Vidyapeeth, Pune
- **Internships**  
E&TC students did internship with reputed industries during the semester.
  - ✓ Aakrati Singh, BE E&TC student got internship at Microsoft.
  - ✓ Akshat Shankhdhar from SE E&TC got the internship at Google.
  - ✓ Students received stipend for internships with the following industries in the semester-
    - ✓ Microsoft
    - ✓ Google
    - ✓ MSD, Pune
    - ✓ Zepto
    - ✓ Hyperverge

## Department Activities

### Guest Lecture

**Topic:** Art of Film Making / Cinematography"  
**Date:** 12th Sept., 2024

**Organizers:** Ms. Pragati Rana  
Ms. Dhanashri Patil

**Attended by:** Students, Faculty & Staff

**Number of Participants:** 133



**Overview of the event:** The lecture on "Art of Film Making/ Cinematography" was held at AIT as part of a new cocurricular course aligned with the National Education Policy (NEP) 2020. The session aimed to provide first-year engineering students and Film Club Students with insights into the creative and technical aspects of film making, fostering interdisciplinary understanding and skills.

### Workshop

**Topic:** Hands on Workshop on "UART Communication Protocol"  
**Date:** 30th July 2024

**Resource Person:** Ms. Pranita Hajare Fresher Hiring & Engagements (BGSW/HRL-FHE)

**Organizers:** Ms. Pranita Tambe  
**Attended by:** TE E&TC Students

**Number of Participants:** 28



**Overview of the event:** The workshop provided students with a robust foundation in embedded systems, equipping them with the knowledge, skills, and practical experience necessary to pursue further studies or careers in related fields.

### FDP

**Topic:** National Education Policy (NEP) 2020: IOT for Industrial  
**Date:** 24th & 25th July 2024

**Organizers:** Dr. Sandeep Bidwai  
Mrs. Snehal Marathe  
Mr. Sukumar Chougule  
Mr. Ashish Dudhale  
Mrs. Supriya Kalamkar  
**Attended by:** Faculty

**Number of Participants:** 65



## Alumni Corner



Mr. Jivtresh Singh  
2003 Batch

Architect - Microsoft Tech for Social Impact

Mr. Jivtresh is a Sr Technical Specialist- Tech for Social Impact in Microsoft since 2020. Earlier he was associated as Solution Architect-Enterprise in same organization. He supported customers for their digital transformation goals across Sales, Service, Marketing, Finance, Operations and Talent.

He has also worked in Rabobank as CRM System Manager and in Mpirik which is an innovative healthcare technology company focused on solving healthcare problems.

The success achieved by him requires extensive knowledge and dedication. He applies business practices effectively and delivers solution within time.

## Magazine Section

### The Childhood Dream

कितने अच्छे थे बचपन के वो पल,  
जब न आज का खौफ था, न था कल का कोई डर||  
मम्मा सुबह 5 बजे मुझे उठाती थी,

बस स्टॉप तक खुद छोड़ने जाती थी |  
याद है, होमवर्क सबसे पहले चेक कराना,  
पनिशमेंट मैम को याद दिलाना  
और दोस्त को अगर गुड मिले  
तो मैम से कहके खुद एक्सीलेंट पाना |  
भूल गए एक्साइटमेंट पेंसिल से पेन पर आने की,  
गर्मियों की छुट्टियों में नानी के घर जाने की,  
टॉफी से शुरू हुई दोस्ती को लॉयलिटी से निभाने की  
और उसी दोस्त को क्रश के नाम से चिढ़ाने की |

क्लास में मैं टॉप थी,  
बच्चों में मैं रॉक थी,  
पर पीटीएम का फिर भी खौफ था  
क्योंकि टीचर्स के साथ मम्मी भी तो इन्वॉल्व थी |

11वीं में आने से पहले सबने बोला सुधर जा  
फोन रख और बुक उठा,  
जेईई करेगा या नीट  
आर्ट्स की सोचेगा तो उम्र यूँही जाएगी बीता

फिर क्या था बस ले ली नॉन-मेड,  
जेईई के सपने और पापा की बेल्ट  
रेगुलर था कमरे में अकेले रोना  
पर आईआईटी का सपना  
ना बाबा ना, अब ना खोना |

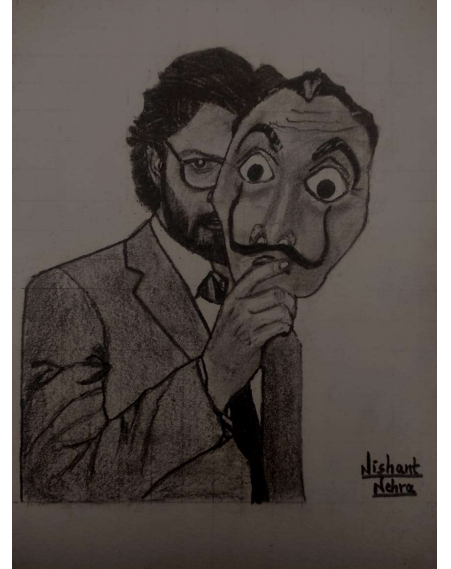
कुछ भी कहो कॉलेज में लगता है, 10वीं तक सब  
हसीन था  
न फ्यूचर की टेंशन, न करियर का कोई सीन था |  
अब तो किसी को आर्मी में जाना है, तो किसी का  
यूपीएससी का सपना है।  
रास्ते अलग हैं पर हर बच्चे को कुछ न कुछ तो  
करना है |

कभी-कभी तो लगता है अगर नई गोटी-नई डाइम  
का रूल असल जिंदगी में होता,  
तो हर नया सपना आईआईटी और नीट की रोड  
पर न स्टॉप होता |  
कोई राइटर बनता तो कोई पेंटिंग करता,  
शायद किसी सिंगर का नाम सिर्फ एनुअल  
फंक्शन तक न बनता |

तुम चाहे 12 के हो या 45 के,  
पर हम सभी के अंदर आज भी एक नन्हा बच्चा  
जिंदा है |  
तो आज उड़ान दो उन सारे खोए हुए सपनों को,  
जो कभी हमारे थे |  
कुछ सपने जो पूरे न हो सके,  
कुछ सपने जो अभी पूरे होने बाकी हैं,  
सपने जो एक दिन तुम जरूर पूरे करोगे |

और इसके लिए कभी भी सपने देखना मत छोड़ो,  
बिल्कुल एक बच्चे की तरह|

-Poetry by  
Ms Radhika Dodain  
FE E&TC- B



-Sketches by  
Mr. Nishant Nehra  
FE-E&TC B

## Vision of Department

To become "Internationally Recognized" center of excellence providing electronics & telecommunication engineering education & research facilities to the wards of defence personnel.

## Mission of Department

**M1.** Provide state-of-art facility, modern infrastructure and learning environment to the students and faculty in the department to meet growing challenges of electronics & allied industry.

**M2.** Equip students with fundamental knowledge & practical skills in electronics, communication & allied areas to excel in professional career & lifelong learning.

**M3.** Foster research and innovation in electronics & telecommunication engineering by collaborating with industry and R&D organizations.

**M4.** Develop intellectuals, entrepreneurs and technology leaders committed to contribute to the development of society and welfare of humanity.

## The Program Educational Objectives (PEOs)

**PEO1:** Graduates will excel in technical and professional career in E&TC engineering with entrepreneurial abilities exhibiting global competitiveness.

**PEO2:** Graduates will pursue lifelong learning to enhance and utilize their technical domain knowledge for sustainable development and their professional growth.

**PEO3:** Graduates will utilize their communication skills, teamwork, professional ethics and integrity in their assigned leadership roles.

**PEO4:** Graduates will have skills and abilities for transition into other professions such as management, defense, entrepreneurship, etc.