

# ARMY INSTITUTE OF TECHNOLOGY, PUNE DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

*Editor in Chief*  
**Dr. G R Patil**  
HoD, E&TC

*Editor*  
**Dr. Shraddha Oza**  
Associate Prof, E&TC

*Technical Support*  
**Mrs. Rajashree Challamarad**  
**Ms. Pranoti Magdum**



## MAGAZINE & NEWSLETTER

**Jul - Dec 2021 Issue 1**

“IoT will stump IT until clouds and big data come aboard.” — Stephen Lawson, DELL EMC

## Meetings

### AAC Meeting Aug 2021

Meeting of Academic Advisory Committee (AAC) was held on Saturday 14th Aug 2021 at 10.00 am in Online Mode on Microsoft Team platform.

#### AAC Members:

- Dr. Y. Ravinder, Prof, Dept. of Electronics Engg., PICT
- Mr. Abhijeet Deogirikar, Founder, CopperCloud IoTech Pune
- Mr. Baikunthnath Dwivedi, Alumni AIT

#### Internal Members:

Dr. B P Patil, Principal, AIT  
Dr. G R Patil, HOD (E&TC)  
Dr. Mrs. K S Surekha, Dean R&D  
Prof. Dr. P. B. Karandikar

#### Student Members:

Mr. Arya Jha, SE E&Tc  
Mr. Gaurav Mishra, BE E&Tc

#### Staff Co ordinators:

Ms. Snehal Marathe  
Ms. Rajashree Suryawanshi  
Ms. Dhanashri Patil

### Agenda of the Meeting:

- Academic performance
- Industry -Institute Interaction
- Placement & Higher Studies
- Revised Curriculum for TE
- Online Teaching Learning
- Dissemination of Vision, Mission and PEOs
- Any other point with Permission of Chair

## Staff Activities

### PhD Awarded

- Dr. Avinash Patil

### Research Publications

Following faculty members published and presented their research work in renowned National/International Journals & Conferences.

- Dr. B P Patil
- Dr. Surekha K S
- Dr. P B Karandikar
- Dr. Shraddha Oza
- Ms. Preeti Warrior
- Dr. Rajashree Suryawanshi
- Dr. Harjeet Kaur

### Book Publication

- Dr. G R Patil published book on “Digital Communication”

### Copyright

- Dr. B. P. Patil was granted copyright on AI based predictive Battery Management System for E-Mobility.
- Dr. B. P. Patil was granted copyright on Investigate and Develop Analytic approach to enhance the performance of electric vehicle by coordinated dynamic charging of method.

### Faculty as Resource Persons

Following staff members were invited as Guest speakers-

- Dr. G.R. Patil
- Dr. P.B. Karandikar
- Dr. Renuka Bhandari
- Mr. J. B. Jawale
- Mr. Girish Kapse
- Dr. Rajashree Suryawanshi

## Students Activities

More than 22 students participated in curricular and extracurricular activities during the semester.

### Awards/Prizes won

- Ajay Paidy, SE E&TC was Finalist 'IDEATHON 2021' organised by A.G. Patil Institute of Technology
- Aayush Ranjan, SE E&TC was Runner up for the E – Sports Valorant event organized by MITWPU

### Paper presentation by students

- Swapnendu Chakrabarti, SE,E&TC
- C Khushi, TE E&TC
- Bharat S, TE E&TC
- Ritu R, TE E&TC
- Shuvendu Maity, TE E&TC
- M Manoj Kumar, TE E&TC

## Department Activities

### Workshops

#### FDP on Revised Syllabus 2019 Course TE E&TC

Faculty Development Program for Revised Syllabus 2019 Course TE E&TC, SPPU was conducted from 22<sup>nd</sup> to 24<sup>th</sup> July 2021.

Dr. G R Patil Head of Department and Dr. Renuka Bhandari organized the FDP. Total 99 faculties from AIT & other Institutes attended the same.

### Guest Lecture on Introduction of IoT

On 3<sup>rd</sup> September 2021, Mr. Abhijeet Deogirikar, Founder & CEO, Copper Cloud IOT Tech Pvt. Ltd., Pune conducted a lecture on "Introduction of IoT" for TE E&Tc. Total 46 students attended the same. The lecture was organized by Dr. G R Patil & Ms. Shilpa Pawar.

### Guest Lecture on Saptarshi 7 Emerging Technologies Shaping the World

On 21<sup>st</sup> September 2021, Mr. Abhijeet Deogirikar, Founder & CEO, Copper Cloud IOT Tech Pvt. Ltd., Pune conducted a lecture on "Saptarshi 7 Emerging Technologies Shaping the World" for TE E&Tc. Total 40 students attended the same. The lecture was organized by Dr. Shradha Oza & Dr. Harjeet Kaur.

### Online Workshop on MATLAB & Simulink

Online Workshop on MATLAB & Simulink was conducted for all students from 27<sup>th</sup> to 29<sup>th</sup> September 2021.

Mr. Suraj Gawande & Mr. Milind Khanderao, Design Tech Systems Pvt. Ltd. Pune conducted the workshop.

### Session under IETE Student Forum

On 9<sup>th</sup> October 2021, conducted a session under IETE Student Forum on Placement Success Stories by Final Year students for SE &TE students.

Dr. S D Oza & Ms. Pragati Rana organized the session. BE E&Tc

students - Gaurav Mishra and Shuam Kumar, conducted the session.

### Guest Lecture on Career Opportunities in Networking

On 16<sup>th</sup> November 2021, Mr. Vijender Yadav, CEO, Co – Founder, Accops Systems conducted a lecture on "Career Opportunities in Networking" for TE E&Tc. Total 12 students attended the same. The lecture was organized by Dr. Shradha Oza & Dr. Harjeet Kaur.

## Alumni Corner

### Alumni Talks



**Swathi Kulkarni**  
Alumnus, 2003, E&Tc Dept.  
Co-Founder & CEO, Elda Health

Elda Health, a women-led one stop holistic health platform for the mid-age urban woman, has announced it has raised \$1.5 million in a seed round from Avaana Capital, Orios Ventures, and Ananth Narayanan Family Office.

Elda serves as an everyday companion for midlife women on their healthcare journey, empowering them with measurable health

outcomes.

Swathi says-

“I love building companies from scratch, finding structure in chaos and all the excitement in resolving challenges along the way! “

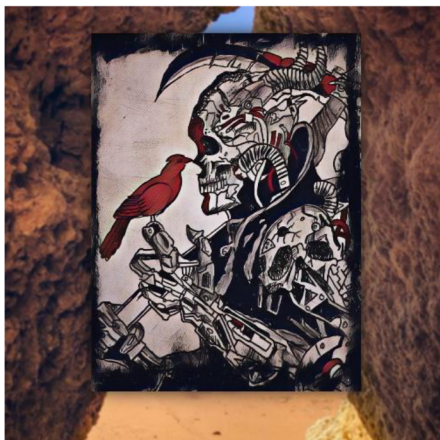
## Magazine Section

### Art

Himani Singh : BE E&TC



Himani Singh : BE E&TC



## Vision

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

## Mission

**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: Preparation

To prepare students to excel in technical and professional career with a solid foundation of electronics & telecommunication engineering.

### PEO2: Core Competency

To equip students with core competency to solve real life engineering problems, design and develop innovative products and solutions.

### PEO3: Professionalism

To develop students to become successful team member or team leader who can exhibit professional ethics and integrity in their work.

### PEO4: Lifelong Learning

To equip students with modern tools, communication skills, entrepreneurial abilities & lifelong learning in order to address societal challenges