ARMY INSTITUTE OF TECHNOLOGY, PUNE DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING				MAGAZINE & NEWSLETTER
Editor in Chief Dr. G R Patil HoD, E&TC	*Editor* Dr. Shraddha Oza Asso. Prof, E&TC	*Technical Support* Mrs. Rajashree Challamarad Ms. Mohini Shendge	*Student Members* Divyangana Singh Saurav Raturi TE E&Tc	
"Technology should improve your life... not become your life." – Billy Cox CEO, Author, Speaker				JAN-JUN 2023 Issue 2

Meetings

AAC Meeting : Mar 2023

Meeting of Academic Advisory Committee (AAC) was held on Wednesday, 3rd Mar 2023, at 9.30 am in Hybrid Mode.

AAC Members:
- Dr.Y. Ravinder, Prof, Dept. of Electronics Engg., PICT
- Mr. Baikunthnath Dwivedi, Alumni AIT

Internal Members:
    Dr. B P Patil, Principal-AIT
    Dr. G R Patil, HOD (E&TC)
    Dr. K S Surekha
    Dr. P. B. Karandikar
    Dr. S D Oza

Student Members:
    Ms. C.Khusi
    Mr. Abhishek
    Mr. Deepanshu Yadav
    Mr. Sridayal Yadav

Staff Co-ordinators:
    Ms. Preeti Warrier
    Ms. Snehal Marathe

Agenda of the Meeting:
- Academic Activities
- Discussion on NBA Report
- Review of Placement for A.Y. 2022-23 and Internship
- Discussion on Certificate Courses Value Added Courses/New skill oriented courses.

Staff Activities

Training Programs

- Faculty attended over 27 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
- Dr. Surekha K S
- Ms. Pragati Rana
- Mr. Girish Kapse
- Dr. Preeti Warrier

Academic books were published by the following faculty
- Dr. G.R. Patil
- Dr. Avinash Patil

Patents/ Copyrights

- Dr. Renuka Bhandari published national patent on "A Smart Pole System" in April 2023

- Patent titled "Intensify Solar Efficiency and Water Harvesting By & NBSP; Using Core Shell (CS) Decorated Metal Organic Framework (MOF@CS)" is filed by Mrs. Snehal Marathe & Dr. B. P. Patil in May 2023.
- Patent on "Cyber Security Threats Detection and Protection in IoT Devices" is filed by Ms. Pragati Rana and Dr. B. P. Patil in May 2023.

Faculty as Resource Persons

The department faculties were invited as Session Chairman / Resource Experts –
- Dr. Sushma Patil
- Dr. Avinash Patil
- Ms. Dhanashree Patil
- Dr. Sandeep Bidwai

Ph.D Completed

Dr. Preeti Warrier completed PhD in E&TC branch from Symbiosis International University, Pune

Students Activities

- Over 400 E&TC students participated in various Technical events this semester.

Remarkable Achievements-

- Hrishikesh R, SE E&TC won 1st position in Coding-Intelligence Fest 2023 at MIT, Alandi
- BE students Ritik Kumar, Akash Saxena and Sourabh Tewatia secured 185th position in Scaler CodeX2.0 by Scaler and InterviewBit.
- Basant Kumar, SE E&TC stood 3rd in 4*100m Relay race held at AFMC Pune
- S B Abrish Aaditya, SE E&TC and Swapnendu Chakrabarty, TE E&TC published IEEE papers.
- **Internships**
  About 144 E&TC students did internship with reputed industries during the semester.
  ✓ Sagun Chauhan, SE E&TC student got international internship at Frankfurt School of Block chain
  ✓ Students received stipend for internships with the following industries in the semester-
  o Microsoft India (R&D) Pvt Ltd
  o Deutsche India
  o Google IT Services India Pvt Ltd
  o Oxfin Technologies Pvt Ltd
  o Blue Bricks
  o Medicycle Healthcare Systems
  o SKROLCART India
  o Trailytics
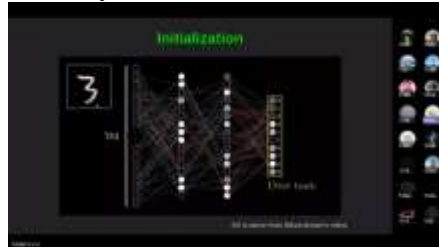 o VIMERSE Infotech India Pvt Ltd
  o Macfos Limited
  o Geeks for Geeks
  o Talent Serve

Department Activities

Guest Lecture on "AI Security"

On 13th May 2023, Mr. Nikhil Joshi, a Data Scientist in Brillio Ltd, conducted a lecture on "AI Security" for TE E&TC Students.

Total 115 students attended the same. The lecture was organized by Ms. Shilpa Pawar and Dr. Sandeep Bidwai.

Industrial Visit

Industry Name: "FM Radio station"

Date: 17th May 2023

Resource Person: Mr. Mahesh Jagtap, Producer, Vidyavani CR

Organizers: Mr. Sukumar Chaugule

Attended by: TE E&TC Students

Number of Participants: 45

Overview of the event: TE E&Tc students visited the FM 107.4 MHz community radio station situated at SPPU campus. The visit was practical learning experience, students understood stages of FM station and had hands on experience on Live recording facilities

Alumni Corner

Alumni Talks

Mr. Saurabh Nigam
2002 Batch
Vice President - Human Capital
Omidyar Network India

Mr. Saurabh is an HR Practitioner. He is recognized as one of the Top 25 Future HR Leaders of the Country by People Matters & DDI International.

With an objective to drive empowerment and social impact at scale, his company works with entrepreneurs in the private, nonprofit and public sectors, who are tackling India's hardest and most chronic problems.

The company makes equity investments in early stage enterprises and provides grants to nonprofits in the areas of Digital Identity, Education, Emerging Tech, Financial Inclusion, Governance & Citizen Engagement, and Property Rights.

He is a regular speaker on Compensation & Benefits, Talent Management, and Managing Gen Y.

Magazine Section

Sketch

Yogesh Nehra, FE E&Tc

Photography

Swastik Sinha, FE E&Tc

Sayan Chakraborty, FE E&Tc

Swastik Sinha, FE E&Tc

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

PEO2. To equip students with core competency to solve real life engineering problems, design and develop innovative products and solutions.

PEO3. To develop students to become successful team member or team leader who can exhibit professional ethics and integrity in their work.

PEO4. To equip students with modern tools, communication skills, entrepreneurial abilities & lifelong learning in order to address societal challenges.