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

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"The value of an idea lies in the using of it"— Thomas Edison, American Inventor and Businessman

MAGAZINE & NEWSLETTER

JUL-DEC 2022 Issue 1

Meetings

AAC Meeting : Aug 2022

Meeting of Academic Advisory Committee (AAC) was held on Wednesday, 17th Aug 2022, at 9.30 am in Hybrid Mode.

AAC Members:
- Dr.Y. Ravinder, Prof, Dept. of Electronics Engg., PICT
- Mr.Abhijit Deogirikar, Director & 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. K S Surekha
Dr. P. B. Karandikar

Student Members:
Mr. Arya Jha
Ms. C.Khusi
Mr. Deepanshu Yadav
Mr. Sridayal Yadav

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

Agenda of the Meeting:
- Academic Activities
- Starting of New Courses Centre of Excellence in IoT
- Internship, Placement & ndustry Interaction

Staff Activities

Training Programs

- Faculty attended over 26 STTPs/FDPs/ Training programs during the semester

Research Publications

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

- Dr. B. P. Patil
- Dr. G. R. Patil
- Dr. P. B. Karandikar
- Ms. Shilpa Pawar
- Ms. Dhanashri Patil

Patents/ Copyrights

Dr. Renuka Bhandari filed a national patent on "*A Smart Pole System*"

Faculty as Resource Persons

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

- Dr. Surekha K.S.
- Dr. Shraddha D Oza
- Mr. J. B. Jawale
- Ms. Preeti Warrier
- Ms. Shilpa Pawar
- Dr. Sandeep Bidwai

Students Activities

- Over 340 E&TC students participated in various Technical events this semester.

Remarkable Achievements-

- Ravinder Saini, BE E&TC won the *Smart India Hackathon*

- TE E&TC students Amita Singh, Ritik Kumar, Sanmender, Sridayal Yadav, Vikas Puniya, and Vinita secured the third position in *"Commit the Flag"* event held at IIT Kottayam.

- Reetesh Tomar, BE E&TC ranked 30 in *Innovate India Coding Championship* **Finale at Coding Ninjas.**

- Nitin Jhajharia SE E&TC held 32nd position in *Innovate India Coding Championship* **Finale at Coding Ninjas.**

- Hrishikesh and Nitin Jhajharia SE E&TC stood 3rd in *Coding* events held at *Hackerearth*.

Department Activities

Workshops

FOW on Revised syllabus 2019 Course BE E&TC

Three days Online "Faculty Orientation Workshop on BE (E&TC) Revised Syllabus 2019 Course" under the aegis of Board of Studies Electronics and Telecommunication, SPPU, Pune on subject Low Power CMOS VLSI. Was conducted on 14th July 2019 to 16th July 2022.
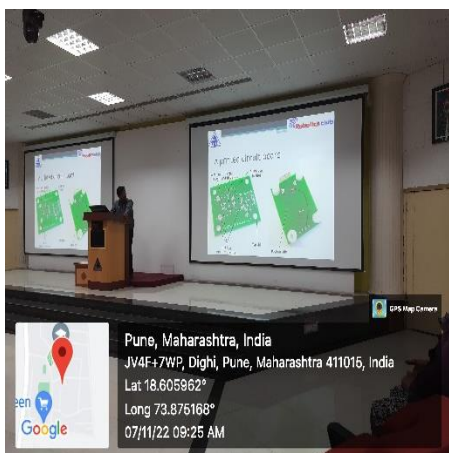
Dr. Avinash Patil Organized the FOW. Faculties from AIT & other Institutes attended the same.

Session under IETE Student Forum

Workshop on "PCB Making"

Workshop on "PCB Making "under R&D Cell and IETE Student Forum was conducted for SE E&TC Students on 7th Nov 2022.

Dr. Avinash Patil, AIT was the Resource Person for the same. The workshop aided the students in the curriculum subject "**Electronic Skill development**". Hands-on session on PCB making using Proteus software.
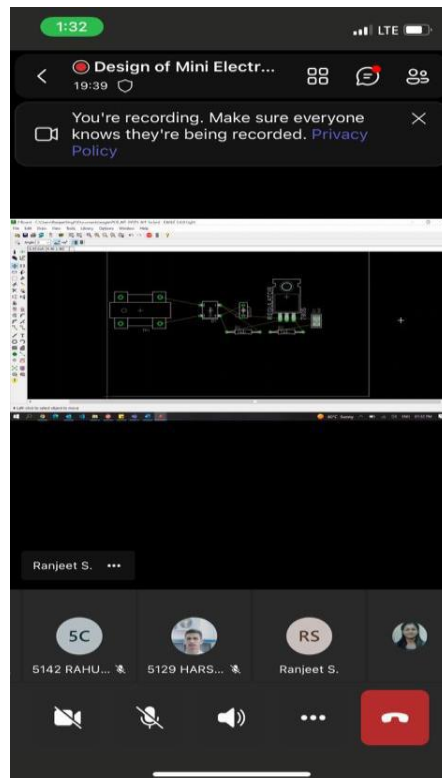

Workshop on "Design of Mini Electronic Circuits at Beginner Level"

Online workshop on "Design of Mini Electronic Circuits at Beginner Level" under IETE Student Forum was conducted on 27th August 2022, for SE E&TC Students.

Mr. Ranjeet Singh (CEO Nutan Infotronics) & Team conducted the workshop.

Ms. Dhanashri Patil & Ms. Pragati Rana organized the workshop. Total 41 students attended the workshop.
In this workshop hands on practice of Proteus software and demonstration of actual PCB designing on a copper clad board was given.

Guest Lecture on "Career Counselling"

On 27th Sept 2022, Mr. Shankar Wadne, ACE Engineering Academy, Hyderabad conducted a lecture on "Career Counseling" SE & TE E&TC Students.

Total 218 students attended the same. The lecture was organized by Ms. Dhanashri Patil & Ms Pragati Rana

Industrial Visit

Industry Name: "SKYE Batteries Pvt Ltd"

Date: 17th Oct 2022

Resource Person: N G Krishnadas (Director)

Organizers: Mrs. Supriya Kalamkar Mr. Ashish Dudhale

Attended by: TE E&TC Students

Number of Participants: 45

TE E&TC Students got the practical knowledge about the batteries.

The students had overall experience of how to make battery plates. application of batteries in electronics.

Visit to "SKYE Batteries Pvt Ltd"

Alumni Corner

Alumni Talks

Mr. Sameer Maini
Alumni, E&Tc, 1998 batch
CEO & Founder of
CollaborationRoom.AI.

Mr. Sameer has a rich experience of more than 20 years in ARM (Accounts Receivable Management) vertical. He has worked earlier with top enterprises like Avaya, Bureau of Collection Recovery, Target Corporation, Cavalry Portfolio Services and ACT holdings.

Mr Sameer has also done "The Innovative Technology Leader" Program from Stanford University.

CollaborationRoom.AI is a Washington, USA based company founded by Sameer Maini. The company has a product which provides a new way to engage and develop teams in a remote work environment. Using Company's Patent-Pending Solution, Supervisors and Instructors can manage their teams as if they were together in the same office.

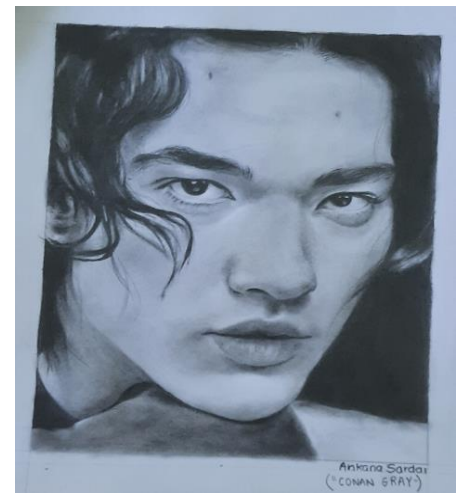The "Increased Engagement, High Productivity and Better Compliance" are three main highlights of the solution product and the company has signed over 25 enterprise customers.

The Product is doing 2.0 Mn minutes in collaboration and supporting over 2100+ enterprise agents on a month-to-month basis.

Army Institute of Technology, honored Mr. Sameer Maini with the citation 'Successful Alumni Entrepreneur Award 2023', on the occasion of Foundation Day.

Magazine Section

Sketches
- **by Ms. Ankana Sardar**
  SE E&TC A

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.