

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

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MAGAZINE & NEWSLETTER

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**"Technology is best when it brings people together."
Matt Mullenweg, Social Media Entrepreneur**

Staff Activities

Arduino Workshop (Dr Surekha K S)

A One day 'Arduino' workshop was organized Under MHRD Government of India and IIT Bombay at remote centre AIT, Pune on 8th Feb 2020.

Dr. Surekha K S and Dr Renuka Bhandari were course coordinators for the workshop. About 11 faculties from AIT & other institutes attended the workshop.

Students Activities

SIH (Winning team Finalists)

The Smart India Hackathon 2020 finals was conducted from 1st to 3rd August 2020.

For the same four teams from AIT were shortlisted, and 1 team "THE PACK" secured First position in competition with prize money of Rs. 1 Lakh. Mr. Shuvam Kumar, TE E&Tc was one of the members of winning team Pack.

The team built an app which does the following when given an input image or article:

1. Convert the text to his/her local language.

2 Narration of the text received with proper pronunciation.

3 Produce questions to the text sent to app.

4. Produce a summary/gist of the whole text provided to app.

(Published in Pune Mirror)



Microsoft top 20 finalists

Microsoft Engage 2020 was an All India Project-based Competition organised by Microsoft. More than 1000 students from all over India participated in this.

Team "AARIV" from Army Institute of Technology, Pune participated in this competition and was among the Top 10 teams.

Amit Joshi from Second year was among the team members of this team.

Department Activities

Workshops

Two workshops were organized under the IITDM, Jabalpur jointly organized by Electronics and ICT Academies through National Knowledge Network under the "Scheme of financial assistance for setting up of Electronics and ICT Academies" by the Ministry of Electronics and Information Technology (MeitY), Government of India. This programme is endorsed by AICTE / UGC / NBA.

The workshops were conducted by IITDM Jabalpur through our remote center. Dr. Surekha K S and Prof Avinash Patil coordinated the workshops.

One week FDP on VLSI Chip Design Hands on using Open Source EDA



One week FDP on VLSI Chip Design Hands on using Open Source EDA was conducted from 16th Dec 2019 to 20th Dec 2019.

There was live interaction between participants at the Remote Center at IITDM Jabalpur. About 30 Faculties from AIT & other Institutes

One week FDP on ICT Tools for Teaching learning Process & Institutes

One week FDP on ICT Tools for Teaching learning Process & Institutes was conducted from 13th Jan 2020 to 17th Dec 2019. About 30 faculties from AIT & other institutes attended the workshop



Other Workshops

FDP : SDR Training under MODROB

Three days FDP on 'Training on Software Defined Radio(SDR), procured through Communication lab Modrob Grant was conducted from 1st Jan 2020 to 3rd Jan 2020 for which 6 AIT E&TC faculty and 4 students attended the Training.



IOT Workshop

Three days workshop on 'IOT workshop' was conducted from 22nd Jan 2020 to 24th Jan 2020 for TE E&TC Students. Mr. Abhijeet Deogirikar, Founder, Director, CopperCloud Technologies Pvt. Ltd. conducted the workshop.

In this workshop hands on practice of IOT was given. Total 21 students attended the workshop. The workshop was organized by Dr. G R Patil Head of Department and Dr. S D Oza.

Workshop on Raspberry Pi for beginners under IET

A One day workshop on 'Raspberry Pi for beginners under IET' was conducted on 1st Feb 2020 for second year students. Ms. Ruchi Shah, Aeron System, Pune was the resource Person for the workshop. Total 21 Students attended the workshop.

Ms. Pragati Rana & Ms. Dhanashree Patil, Assistant Professors of the department organized and coordinated the workshop.

Project Workshop by Sisai Technologies

A One day Project workshop was conducted on 5th Feb 2020 for third year students. Pranay Upadhyaya form Saisai Technology Pvt Ltd conducted the workshop.



(Mr. Pranay Upadhyay conducting the workshop)

Workshop on Introduction to ROS (Robot Operating System) & its Application

A One day Workshop on 'Introduction on ROS (Robot Operating System) & its Application' was conducted by department on 20th Feb 2020. Mr. Prateek Nagam (Robotics Consultant) was the resource person for the workshop. Students from AIT & other colleges attended the same. The workshop was organized and coordinated by student team of Robu.in sponsored Innovation and Development Center.



(Mr Prateek Nagam being felicitated by HOD, Dr G R Patil)

Alumni Corner

Alumni Talks

Mr Karan Rai, Founder, Red Pandas Innovation Labs. (2005 Batch)



Mr Karan Rai, a 2005 batch alumnus, is a successful entrepreneur and an investor. He is founder of Redpandas Innovation lab and Launch ventures.

After engineering he pursued his MBA from oxford and has worked in finance as well as media.

Saumyakanta Khatua, from third year, interacted with him on 18th March 2020.

The excerpts from the interview:

Q What is Redpandas?

A. Redpandas is a team of pragmatic engineers who build software products from concept to scale. The company cares deeply about the quality of their products and the success of their partners.

Q. How was Redpandas Founded?

A. Fame, money etc. are there for temporary time but later with time the person would be looking forward to follow his passion, thus I started Redpandas.

Q. What is Launch Ventures?

A. Its mandate is to apply our collective business and engineering acumen in accelerating the launch and growth of technology enabled, meaningful initiatives.

Q. Your thoughts on building startup

A. Starting a startup is always not that fascinating. You need lot of luck factor, and passion to pursue it ahead. It is good to do your interested thing but you should be aware of all the things that will come in your path. Thing is that you should be constant and keep moving.

Q. Your advise to budding entrepreneurs

A. Before starting your own startup work for a company you admire and gain all knowledge and experience

On conclusion of the interaction, Mr. Karan Rai assured his support to all AITians.

Magazine Section

Poem

ये दो पल के आँसु

ओह! ये दो पल के आँसु
वक्त-बेवक्त आते हैं,

कभी खुशी लेकर आते हैं।
तो कभी गम में साथ निभाते हैं।

ओह! ये दो पल के आँसु,
वक्त-बेवक्त आते हैं।

ये आसमाँ पर हैं कदमों के नक्शे
समुद्र पर लहरों के घर से,

ये आते हैं उस तन्हाई में ,
जहाँ ना कोड़ साथ हो।

ये दर्द में राहत पहुँचाते हैं,
और दर्द को अपना बनाते हैं।

उफ़! ये दो पल के आँसु।
वक्त-बेवक्त आते हैं।

Krishna Jee Mishra, BE E&TC

Cartoon

Cartoon about online classes





ARMY INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Vision

To become center of excellence in the state-of-art areas such as Embedded, Robotics and IoT.

Mission

M1. To provide state-of-art facility, modern infrastructure and learning environment to the students and faculty in the department to meet growing challenges of industry.

M2. To adapt best pedagogical methods for effective knowledge transfer.

M3. To collaborate with industry and institutes for knowledge creation and providing students with practical skills.

M4. To equip students with fundamental knowledge to enable them to carry out research and lifelong learning.