



Innovation & Leadership

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Miles to go

A Biannual Newsletter by Department of Electronics and Telecommunication

Institute Vision: To be a premier academic institution that fosters diversity, value-added education and research, leading to sustainable innovations and transforming learners into leaders.

Department Vision: To nurture young minds and provide them with a strong foundation through academic excellence & skill-based knowledge, transforming them into efficient professionals who can take on challenges in the fields of Electronics and Telecommunication Engineering for a sustainable technological development.

Department Mission:

- ❖ To educate students on domain knowledge in Electronics and Telecommunication Engineering using adaptive teaching-learning practices.
- ❖ To create a conducive learning environment that offers value-added education, enabling students to be career ready.
- ❖ To cultivate research & innovation as a bent of mind among students by industry-academia interaction.
- ❖ To enrich student with self-learning ability to sustain with technological changes.



Department of Electronics and Telecommunication
Hope Foundation's
International Institute of Information Technology
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❖ Students achievements

- Kunal Kanase was awarded as NPTEL Super Star Jan - Dec 2020 for the NPTEL course by Indian Institute of Technology, Madras.
- Mrunalini Misal secured first position at Campus Triathlon organized by IUCEE-EWB RIT.
- Rama Vaidya secured second position at Campus Triathlon organized by IUCEE-EWB RIT.
- Gaikwad Mrunal Rajesh was first topper of BE E&TC AY2019-2020 in the May-June 2020 exam conducted by SPPU, Pune.

❖ Faculty/Staff achievements

- Prof. Dipak Raut successfully completed Certification exam by Scrum Foundation Professional Certificate SFPC.
- Dr. S M M Naidu delivered expert session on Research: How and Why at Mahatma Education Society's Pillai HOC College of Engineering & Technology, Rasayani on 7th November 2020.
- Dr. V Rajesh Chowdhary was paper reviewer, Indian Journal of Radio & Space Physics (IJRSP) by National Institute of Science Communication and Information Resources (NISCAIR), CSIR, Government of India.
- Prof. Ashvini Kulkarni received Certificate of appreciation for Mentoring NPTEL online certification course on Introduction to Embedded System design by NPTEL.
- Prof. Anjali Jagtap received Certificate of appreciation for Mentoring NPTEL online certification course on German I by NPTEL.
- Dr. V Rajesh Chowdhary is a Member of Industry advisory panel, Board of Studies, for curriculum development under the Department of Civil Engineering at KIT's College of Engineering (Autonomous), Kolhapur.
- Dr. V Rajesh Chowdhary was a panelist at Positive Impact of National Education Policy (NEP) 2020 on Higher Education seminar organized at BW Education 40 under 40 Virtual Summit & Awards on 6th September 2020.

❖ Publications by Students/Faculty/Staff appointment

Dr. Varsha Degaonkar, "Retrieve Content Images using Color Histogram LBP and HOG", 4th International Conference on Electronics, Communication and Aerospace Technology, 2020.

❖ Faculty Development Program Conducted

The department has conducted five day Faculty Orientation Workshop on Data Structures Under the aegis of BoS (E&TC), SPPU, Pune, SE (E&TC/Electronics) 2019 Course from 22nd to 26th June 2021. Total 102 faculties from engineering colleges of Savitribai Phule Pune University attended the orientation workshop. Prof. Vaidehi Banerjee has drafted the syllabus for the course and was a resource person for this orientation session.

❖ Alumni Interaction

- Alumnus Ms. Pallavi Pansare, Research scholar, Department of Technology, SPPU, Pune, delivered session on Introduction to Artificial Learning, Machine Learning and Deep Learning for all students.
- Alumnus Ms. Ereka Susan Cyril, HR Manager Student, XLRI Jamshedpur, delivered session on Alumni Interaction on Staying Motivated in Difficult Times.
- Alumnus Mr. Saourabh Joshi, Network Engineer, CompuCom CSI Systems, delivered session on Alumni Interaction on Networking and Its Future.
- Alumnus Mr. Nikhil Kothari, Senior Software Developer, delivered session on Front End Development using React.

❖ Add on Course on "How to choose Entrepreneurship as a Side Hustle"

Add on course on How to choose Entrepreneurship as a Side Hustle by Mr. Nilesh Komatwar, CEO at Nil Digital Enterprises Pvt. Ltd, Pune was conducted in August 2020 for students to create awareness about Entrepreneurship and motivate towards their passion.

❖ Add on Course on "Image Processing using Python and Open CV"

Add on course on image processing using Python and Open CV by Alumnus Ms. Pallavi Pansare, Research scholar, Department of Technology, SPPU, Pune, was conducted in August 2020 for students to identify potential research problems in the field of image processing.

❖ **Add on Course on “Augmented Reality”**

Add on course on Augmented Reality by Alumnus Mr. Sameer Mohanty, CEO, Creaxt Innovations pvt. Ltd, Pune, was conducted in August 2020 for students to develop augmented reality application.

❖ **Add on Course on “Augmented Reality”**

Add on course on Networking and its future transformations by Alumnus Mr. Saourabh Joshi, Network Engineer, CompuCom CSI Systems was conducted in September 2020 for students to develop augmented reality app.

❖ **Value Added Course on IoT Session**

A value added course on IoT Session by Mr. Bharani Kumar, Director, 360DigiTMG-Data analytics, data Science course training center, Hyderabad was conducted in July 2020 for students to develop expertise in Internet of Things.

❖ **Value Added Course on MATLAB Image Processing and Deep Learning**

A value added course on MATLAB Image Processing and Deep Learning by Mr. Milind Khanderao, Mr. Suraj Gawande, DesignTech System Pvt.Ltd.,Pune was conducted in July 2020 for students to develop handon in MATLAB software for image processing and deep learning.

❖ **Value Added Course on Basics of Python Programming**

A value added course on Basics of Python Programming by Mr. Bharani Kumar, Director, 360DigiTMG-Data analytics, data Science course training center, Hyderabad was conducted in August 2020 for students to develop python programming.

❖ **Expert Lecture on “Latest trends and Opportunities in Telecomm. sector”**

The expert lecture by Mr. Nagesh Bamane, BSNL, RTTC,Pune, was organized for students to identify trends and opportunities in telecomm sector in September 2020.

❖ **Expert Lecture on Block Chain Technology**

The expert lecture by Ms. Sonali Patwe, Solution Architect, upgrad Pvt. Ltd., Pune, was organized for students to understand Block Chain Technology in September 2020.

❖ **Guest/Expert Lecture on Rechargeable Batteries**

The expert lecture by Dr. Neha Sharma, Research Scientist, IISER, Pune, was organized for students to understand rechargeable batteries in September 2020.

❖ **Expert Lecture on “Get ready for GATE 2021”**

The expert lecture by Mr. Sumit Kumar, Gate Forum Instructor, GATEFORUM was organized for students to get ready for GATE 2021 competition in October 2020.

❖ **Expert Lecture on “Data Science”**

The expert lecture by Ms. Hima Patel, Ms. Nitin Gupta, Mr. Shashank Mujumdar, IBM Research Lab, India was organized for students to become familiar with data science in October 2020.

❖ **Expert Lecture on “Introduction to Asian Institute of Technology (AIT) and the Unified Program, Admissions and Career Opportunities”**

The expert lecture by Prof Dr. Nitin Kumar Tripathi, Director, Asian Institute of Technology (AIT), Thailand, was organized for students to know higher studies opportunity at AIT, Thailand in October 2020

❖ **Indiana LED Lighting LLP Industrial visit**

A virtual field visit to Indiana LED Lighting LLP was conducted for students to know manufacturing process of core Electronics Company in September 2020.

❖ **A Panel Discussion on Effects of Technology Advancements on Employability**

IEEE student chapter conducted a panel discussion on effects of technology advancements on employability in august 2020.

❖ **Codex Programming Competition**

IEEE student chapter of institute has conducted programming competition for all students in September 2020.

❖ **IEEEExtreme 14.0-24 Hours Programming Contest**

Students of IEEE student chapter participated in IEEEExtreme 14.0 a 24 hours programming competition in October 2020.

❖ **IEEE Women in Engineering E-Symposium 2020**

IEEE student chapter conducted online symposium for women's in engineering affinity in November 2020.

❖ **Energy Literacy course - "Learn to Design your own Solar System" conducted under Energy Club**

The energy club of department had initiated an online energy literacy course in association with Swaraj foundation August 2020.

❖ **Online Photography Competition conducted under Photography Club**

The photography club of department conducted an online photography competition for all students to show the capturing skills course in August 2020.

❖ **Guru Vandana Under Arts Club**

The Art club of department celebrated guru Poornima to show gratitude towards "gurus" in their life in September 2020.

❖ **Workshop on Graphic Design under Arts Club**

The Art club of department conducted Graphic design course with our student Mr. Rohan Solunkhe to understand designing skills in October 2020.

❖ **Basics of Photoshop under Photography Club**

The photography club of department conducted training session for Adobe photoshop with our student Mr. Rohan Solunkhe to get hands-on in the software in October 2020.

❖ **Logo Making Competition under Social Media Club**

The competition was conducted for the students to design logo using photoshop and graphic design skills in October 2020.

❖ **Sponsored Projects**

Following student's project is industry sponsored for the AY 2020-2021

Title of Project	Name of Student	Area of Project	Sponsored Company Details
Smart Food & Supply Chain Model	ABHISHEK RANJAN, ADITYA SINHA SARISH BHAMARE	IoT, Supply Chain Management	AUKPRO SOLUTIONS PRIVATE LIMITED
The Development of Health Care Services Booking System with Health Parameter Logging	Pratik Nandgaon NikhilTayde Yashodhan Talekar	IoT, Medical Assistance	Codex Solutions Pvt Ltd
The Development of Health Care Service Aggregator System	Aditya Kaveri Ishita Rei Saurabh Kumar Singh	IoT, Medical Assistance	Codex Solutions Pvt Ltd
IoT framework for Connected Device Manufacturers (EaSE Modules)	Soham Jarandikar, Mohnish Sancheti, Anagha Anand, Chaitrali Pare	IoT, Networking	Singularis Technology Solutions

We stand at a critical juncture in the battle against corona virus. The virus is often asymptomatic yet infectious.

This is the time that we need to be most careful.

Stay Home!!!

Stay Healthy!!!