

# e Varta

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  
Hinjawadi, Pune (MH) - 411057

## ❖ Students achievements

- Vidya Rama was first topper of SE E&TC AY2019-20 in the May-June 2020 exam conducted by SPPU, Pune.
- Pawase Amruta Rajendra was first topper of SE E&TC AY2019-20 in the May-June 2020 exam conducted by SPPU, Pune.
- Ishita Rai received IEEE Pune Section Award for the Best Student Volunteer in A.Y 2020 for conducting various technical, social and cultural events in the Pune region as an event head by IEEE (Institute of Electrical and Electronics Engineers).
- Ishita Rai was awarded as Certificate of appreciation Outstanding Volunteer 2020 by IEEE Pune Section.
- Ishita Rai received Token of Appreciation 2020, IEEE Pune Section Awards 2020 from IEEE Pune Section.
- Malay Sheth received Patron awards / Mr. Vashi Purswani award for overall academic achievement of the year at Student Merit Scholarships & Patron Awards (Award Year 2020-21), I<sup>2</sup>IT.
- Gaikwad Mrunal Rajesh was awarded as Final Year Toppers 1<sup>st</sup> Topper at Student Merit Scholarships & Patron Awards (Award Year 2020-21), I<sup>2</sup>IT.
- Nikhil Kothari was awarded as awarded Final Year Toppers 2<sup>nd</sup> Topper at Student Merit Scholarships & Patron Awards (Award Year 2020-21), I<sup>2</sup>IT.
- Samiksha Sarnaik was awarded as First Year Toppers at Student Merit Scholarships & Patron Awards (Award Year 2020-21), I<sup>2</sup>IT.
- Rama Vaidya was awarded as Second Year Toppers at Student Merit Scholarships & Patron Awards (Award Year 2020-21), I<sup>2</sup>IT.
- Pavase Amruta was awarded as Third Year Toppers at Student Merit Scholarships & Patron Awards (Award Year 2020-21), I<sup>2</sup>IT.
- Kaushal Varma received as Mr. Fit I<sup>2</sup>ITian tag at I<sup>2</sup>IT Fitness Champion 2020-21 competition organized at I<sup>2</sup>IT.

## ❖ Faculty/Staff achievements

- Dr. V Rajesh Choudhary was awarded as CHAMPION at IITB-ISRO-AICTE Mapathon 2020 organized by IITB-ISRO-AICTE Mapathon, an initiative of the FOSSEE (Free/Libre and Open Source Software in Education) Project, IIT Bombay in

association with ISRO (Indian Space Research Organization) and AICTE (All India Council for Technical Education).

- Dr. Varsha Degaonkar was awarded as CHAMPION at IITB-ISRO-AICTE Mapathon 2020 organized by IITB-ISRO-AICTE Mapathon, an initiative of the FOSSEE (Free/Libre and Open Source Software in Education) Project, IIT Bombay in association with ISRO (Indian Space Research Organization) and AICTE (All India Council for Technical Education).
- Prof. Anjali Jagtap was awarded as CHAMPION at IITB-ISRO-AICTE Mapathon 2020 organized by IITB-ISRO-AICTE Mapathon, an initiative of the FOSSEE (Free/Libre and Open Source Software in Education) Project, IIT Bombay in association with ISRO (Indian Space Research Organization) and AICTE (All India Council for Technical Education).
- Mr. Ganesh Chavan was awarded as CHAMPION at IITB-ISRO-AICTE Mapathon 2020 organized by IITB-ISRO-AICTE Mapathon, an initiative of the FOSSEE (Free/Libre and Open Source Software in Education) Project, IIT Bombay in association with ISRO (Indian Space Research Organization) and AICTE (All India Council for Technical Education).
- Dr. S M M Naidu has successfully completed the online orientation training programme for mentors organized from 15<sup>th</sup> to 19<sup>th</sup> March 2021 under National Initiative for Technical Teachers Training.
- Dr. V Rajesh Chowdhary delivered Keynote Talk at One Week AICTE sponsored Online FDP on " Artificial intelligence, Machine learning and Deep learning for remote sensing, GIS and GNSS application organized by KIT College of Engineering, Kolhapur.
- Dr. V Rajesh Chowdhary is a Ph. D co-guide approved by Savitribai Phule Pune University.
- Prof. Ashvini Kulkarni, Top scorers of MOOC Swayam for Embedded System Design using MSP430T MCU, received Rs. 5473 as reward from TI.
- Dr. Varsha Degaonkar was technical reviewer at 3rd IEEE International Conference on Emerging Smart Computing and Informatics (IEEE-ESCI 2021) organized by All India Shri Shivaji Memorial Society's Institute Of Information

Technology Kennedy Road, Near RTD, Pune- 411001, Maharashtra, India.

- Dr. Varsha Degaonkar was technical reviewer at National Level Student conference (online mode) IEEE Technicoknockdown – 2021 (TKD -21) organized by Department of E&TC, Signhgad Institute of Technology, Lonaval, Technically Sponserd by IEEE Bombay Section, IETE pune center, supported by IEEE SIT SB, & IETE SIT on May 30, 2021.

#### ❖ Grants and Consultancy Received

- Dr. V Rajesh Chowdhary, Associate professor, received grant of Rs. 30 Lacs for the 2 year project “Development of near real time regional TEC mapping at low-latitude Asean region using GNSS stations” from ASEAN- India Collaborative R&D scheme (Science & Engineering Research Board (SERB), Department of Science and Technology, Government of India).
- Dr. V Rajesh Chowdhary, Associate professor, received grant of Rs. 10 Lacs for the 3 years project “Service Oriented Participatory Platform for Local SDI : Smart Civic Services for Second Tier Cities in Thailand and India” funded by Indo-Thai project (department of science & technology, Government of India )
- Dr. V Rajesh Chowdhary, Associate professor, signed consultancy project titled “Development of Market Research Platform for Healthcare Industry “with Codex GPD Solutions Pvt Ltd. The consultancy service is for 2 year with Rs. 40 Lacs budget approved.
- Dr. V Rajesh Chowdhary, Associate professor, signed consultancy project titled “Tori Validator, Editor, Shift, and Deletion & Alignment Tools “with Tom Tom India Pvt Ltd. The consultancy service is for 2 year with Rs. 20 Lacs budget approved.

#### ❖ Memorandum of Understanding and activities

Department has signed open ended Memorandum of Association with Codex Solutions Pvt Ltd in March 2020. A consultancy project worth Rs 40 Lacs is approved as part of MoA singed. With all active MoUs/MoA department organizes guest lecture, training session, industry visit, internship and sponsorship projects opportunities etc.

#### ❖ Placement Record

Our 28 students got offer letters through placement department. Congratulations students!!!!

Name of Company	Name of Student
NICE System	Naman Gupta, Jahnavi Patil Naman Gupta, Neekita Swapan Kumar Mandal, Nikunj Mahesh Dhamecha, Omkar
Infosys	Santosh Nilange, Samyak Nitin Doshi, Saurabh Pradip Shinde, Shubham Ravindra Koshti, Vyshak Dayanandan Eratt
Tata Communication Ltd	Shubham Agarwal
Cinif Technologies Ltd	Pranav Borhade, Chaitanya Kumar, Sneha Bidve, Sumit Chavan, Mrunal Gaikwad
HUDL, BANGALORE	Komal Ghute, Sumit Chavan, Vishal Shinde Rohit Nimkar, Mayur Surkar, Parish Kumar Haldkar, Ajay Reddy, Atharva Puranik, Vyshakh Errat
TCS	Mayur Surkar, Mrunal Gaikwad
IBM	Swapnil Raut
Vision Field Infra Projects Pvt Ltd	Shyamkumar Nimkar
Mitsubishi Electric India Pvt Ltd	Parish Haldkar
Capgemini	Parish Haldkar
Wipro	Pratik Singh
FAT CAT ROBOTICS PVT.LTD	Tanvir Shaikh
BYJU's	Pooja Kinkar
Screen Magic	

#### ❖ Higher Studies

Mr. Vivek Guruwale (AY2019-20) has scored 434 marks in GATE 2020 exam. He has selected for M.Tech admission in E&TC at Malaviya National Institute of Technology, Jaipur, (A national level importance institute).

Congratulations Vivek!!!

#### ❖ Internships

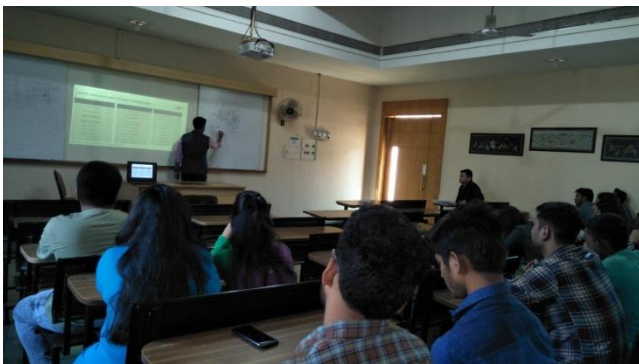
During vacation/leave period students are doing internship to understand industry trends, new technology, working culture etc. Our 24 students had done internship in May June and July at EdGate Technologies Pvt Lt, IoT/IOT, and Auto Power Control.

#### ❖ Publications by Students/Faculty/Staff appointment

- Ankita Agarwal, S M M Naidu, Nikhil Kothari, Ankit K Singh, "Detecting Potholes on Roads Using Accelerometer Available on Smartphone", TEST Engineering and Management, ISSN 0193-4120, May June 2020
- S M M Naidu, "A Review of Instrumentation Signal Processing and Applications of Brain Computer Interfacing", International Conference on Science Engineering and Technology (ICSET-2020), Institute for Engineering Research and Publication, March 2020.

#### ❖ Expert lecture on "GATE awareness"

The expert Mr. Abhijit Nath, Program manager-Post graduate division, Vidyalankar Group of Educational Institutes delivered session about GATE 2020, its structure, syllabus, marking scheme, subject wise mark distribution etc. GATE ranking calculation and importance of giving this exam was very well explained and was motivational. Strategies and preparation schedule was discussed with students so as to secure good marks and rank. Department is always supporting/motivating students for competitive exams like GATE.



#### ❖ Expert Lecture on "Career Options and Opportunities for B.E Electronics/E&TC Graduates"

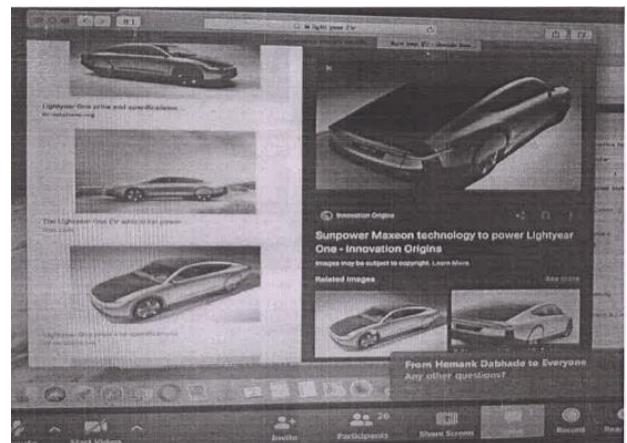
The expert lecture was organized for SE, TE, BE students to know opportunities in core electronics field, product development and industry. Higher studies/jobs, skills set required and short term training. Mr. Renjith is an Electronics Architect/Product Designer with 18+ years of experience in Electronics Product Design and hardware Design with expertise in Embedded Systems, DSP, FPGA,

MCU and ASIC based hardware design and Imaging System Architecture.



#### ❖ Expert session on "Electric Vehicle Technology"

An online expert lecture was scheduled for SE, TE, BE students due to pandemic. Mr. Hemank Dabhade, Director, Hemank Auto Parts Pvt Ltd, delivered a session on current technology i.e electric vehicle. The expert has briefed about energy demand,



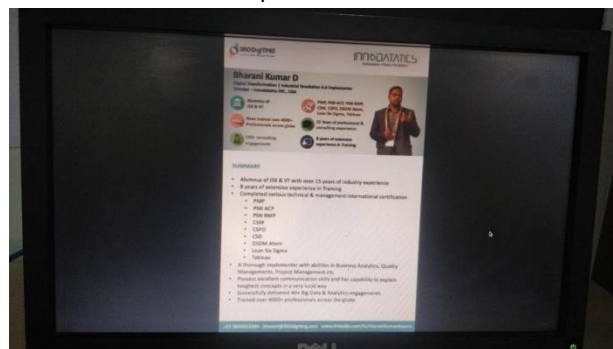
#### ❖ Tarapur Power Station Industrial visit

~~~~~Tarapur Atomic Power Station was constructed initially with two boiling water reactor (BWR) units under the 1963 I23 Agreement between India, the United States, and the International Atomic Energy Agency (IAEA). SE & TE students had visited Tarapur Atomic Power Station on 7<sup>th</sup> February, 2020. This visit had exposed industry work environment, culture and latest technological development as required by industry



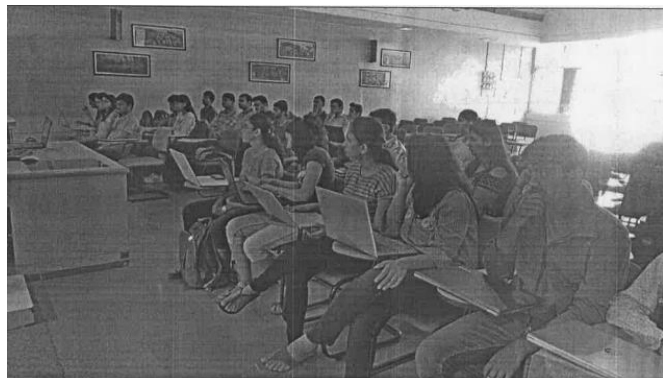


course has exposed all students to accelerate knowledge and skill with a scalable data science platform, robotics, RPA, AI, ML.



### ❖ Add on Course on “PCB Designing”

To inculcate electronic hardware implementation skills in students, department had organized additional course “PCB designing” by Mr. Avinash Salunkhe, Niruha Systems Pvt Ltd from 22<sup>nd</sup> February till 8<sup>th</sup> March 2020. The course delivered practical session including pcb artwork design, etching, soldering, testing, troubleshooting etc.

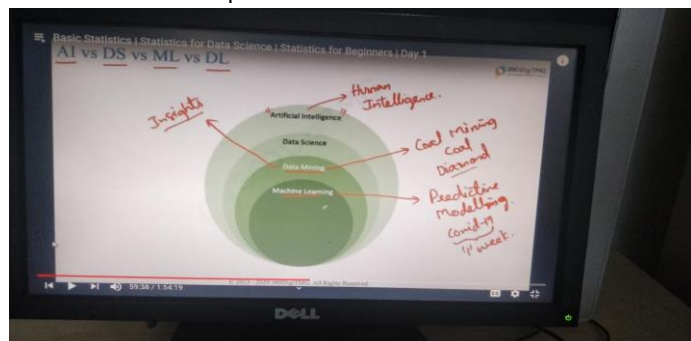


*We stand at a critical juncture in the battle against corona virus. The virus is often asymptomatic yet infectious. This is the time that we need to be most careful.*

**Stay Home!!!  
Stay Healthy!!!**

### ❖ Value added course on “Data science using R”

~~~~ An online value addition course for all students on “Data science using R” was executed from 6<sup>th</sup> April, 2020 for 10 days. This course had exposed all students to accelerate knowledge and skill with a scalable data science platform.



### ❖ Value added course on Manufacturing Analytics

An online value added course was executed for SE, TE students from 1<sup>st</sup> June, 2020 for 3 days on “Manufacturing Analytics”. This