

HOPE FOUNDATION'S
FINOLEX ACADEMY OF MANAGEMENT AND TECHNOLOGY, RATNAGIRI



(APPROVED BY AICTE, RECOGNIZED BY DTE AND AFFILIATED TO MUMBAI UNIVERSITY)

TELE-CONVERSE

Bi-annual Newsletter
OF

**ELECTRONICS AND TELECOMMUNICATION
ENGINEERING DEPARTMENT**

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List of Faculty/Staff Members in the Department

Faculty Members

1. Prof. (Dr.) Sharada V. Chougule (Associate Professor)
2. Prof. Giri S. Kulkarni (Associate Professor)
3. Prof. Mansi S. Kolwankar (Assistant Professor)
4. Prof. Sujay D. Mainkar (Assistant Professor)
5. Prof. Suhasini S. Goilkar (Assistant Professor)
6. Prof. Rashmi R. Kulkarni (Assistant Professor)
7. Prof. Neha S. Sakhalkar (Assistant Professor)
8. Prof. Vinayak D. Chavan (Assistant Professor)
9. Prof. Asmita A. Chavan (Assistant Professor)
10. Prof. Vijay M. Galshetwar (Assistant Professor)
11. Prof. Saurabh S. Athalye (Assistant Professor)




Staff Members

12. Mr. Sandip R. Pardule



Vision

To develop competent professionals who will be able to contribute effectively to the advancing electronics & telecommunication technologies.














Mission

-  To provide quality education through practical knowledge and technical
-  skills. To strengthen industry interaction to meet current and future trends.
-  To inculcate teamwork spirit, leadership qualities and human values.

Program Specific Outcomes (PSOs)

-  Students will be able to showcase knowledge gained in the domains of communication engineering, signal processing, RF/microwave engineering, semiconductor technology, digital and embedded systems.
-  Gain awareness regarding design skills, software packages and telecom standards.

Highlights of the Department

-  Intake of 60 students
-  Well qualified Teaching faculty and experienced La assistant
-  08 Spacious Laboratories
-  State of the art Equipment / instruments
-  Plenty of electronic components and consumables
-  55 PCs with good configuration
-  Well Equipped PCB Design Lab
-  Seminar Hall
-  LCD Projector
-  Departmental Library with approximately 200 titles
-  Regular conduction of workshops and Competitions
-  Alumni placed worldwide in renowned companies like IBM, Infosys, Tech-mahindra, L&T-Infotech, Capgemini, Cognizant, TCS, Vodafone, Flex etc.
-  Alumni working as Entrepreneurs

Programs organized by the Department

1. Value Added Course on 'Python Programming and Raspberry Pi'

The Department of Electronics & Telecommunication Engineering organized a Value Added Course on 'Python Programming and Raspberry Pi' from 28th July to 31st July, 2019 for T.E. students. Mr. Samarjeet Chavan, Director, JeetFortuneline Pvt. Ltd, Sangali; was the resource person for this course.

The course was inaugurated by /Dr. S. V. Chougule, HOD E&TC. She welcomed the resource person and introduced him to all the participants. The course covered various theoretical topics which include introduction to Python, Syntax and Functions in Python, G.U.I using Python, Raspberry pi, and project development using Raspberry pi with hands-on practice sessions.

It was attended by 51 third year students which helped them to get confidence in Python programming and think for developing their projects using Raspberry Pi. The course was coordinated by Prof. G. S.Kulkarni & Prof. S. S. Athalye.



/Dr. S. V. Chougule introducing resource person Mr. Samarjeet Chavan



Sessions of value added course



Participants along with Mr. Samarjeet Chavan, Dr. S. Chougule & coordinators

2. A Social Awareness Programme on Cyber Security

The Department of Electronics & Telecommunication Engineering under **Association for Students of Electronics and Telecommunication (ASENT)** organized a Social Awareness Programme on Cyber Security on 27 August, 2019. It was conducted at **Shantaram Yashwant Godole Madhyamik Vidyamandir, Kelye, Mazgaon, Ratnagiri.**

The students of B.E. E&Tc briefed on the cyber security and cybercrimes and explained the need of cyber security, ways to avoid cyber threats and attacks, types of hacking and its preventive measures. 57 students from the secondary school and teachers attended the programme.

It helped the students of Shantaram Yashwant Godole Madhyamik Vidyamandir, Kelye, Majgaon to get insight into the concept of cyber security and served following objectives:

- To understand what is cyber security and cybercrime , need of cyber security
- To understand the concept of cybercrime and its effect on outside world
- To understand care to be taken while using digital gazettes
- To get acquainted with knowledge of different techniques to protect ourselves from cyber attacks

Prof. A. A. Chavan (Faculty Incharge ASENT) was the coordinator of this program. It was successfully conducted under the guidance of HOD /**Dr. S. V. Chougule**. Ten B.E. E&Tc students with **Prof. A. A. Chavan- ASENT faculty Incharge, Mr. S. R. Pardule- Lab Assistant and G. K. Desai -ASENT Student Chief Co-ordinator** were present for the programme.



BE E&Tc student at Shantaram Yashwant Godole Madhyamik Vidyamandir



Students of Shantaram Yashwant Godole Madhyamik Vidyamandir attending the session



Faculty members and students at Shantaram Yashwant Godole Madhyamik Vidyamandir

3. Parichay-2K19 and Engineers' & Teacher's Day Celebration

Department of Electronics & Telecommunication Engineering under Association for Students of Electronics and Telecommunication (ASENT) organized 'Parichay-2K19 and Engineers' Day' on 21st September, 2019 along with Teacher's Day Celebration. 'Parichay-2K19' is a welcome programme for Second Year E&Tc students in the department. Dr. Kuashal Prasad, Principal, and Dr. S V Chougule, HoD E&TC were present for the events. The celebration began with Sarswati Vandana. The students welcomed and felicitated the faculty members to express respect and gratitude towards the teachers. Dr. S.V. Chougule welcomed all and introduced the students to E&Tc branch. She emphasized on the importance of Electronics and Telecommunication Engineering and discussed the blend of three fields into E&Tc viz.

Electronics, Telecommunication, and IT. Further, she highlighted the latest trend of 'Industry 4.0' which demands technical professionals in the field of Automation, Robotics, IoT and IIoT, Artificial Intelligence, Machine Learning and Cyber security. She also encouraged the students to participate in co-curricular and extra-curricular activities for a balanced learning process.

Dr. Kaushal Prasad, Principal, congratulated the students for arranging the events nicely. He suggested the S.E. students to take guidance from the students of T.E. and B.E. to arrange and manage technical programs so to improve their skill set and overall personality. To mark the occasion of Engineers Day, the B.E. students presented on *India in Space* to share information about ISRO's achievements along with a video regarding the launch of satellites. They also shared information about the Department and activities of ASENT through a presentation. Fun activities for S. E. students were arranged to enable them to actively participate and interact with the senior students. The toppers of FE, SE, TE from E&TC department - Suyog N. Vasage, Supriya S. Naik and Siddhi R Haldavnekar were felicitated. ASENT also invited Anuj Oswal, General Secretary, Students Council and Utopia from batch 2018-19 to interact and encourage the students. Ms. A. A. Chavan, ASENT Faculty In-charge, congratulated the students for arranging the events successfully. She motivated the students to participate in different activities to boost their confidence, leadership, and team skills. She also motivated the students to use their technical knowledge for betterment of society. The Faculty members and the students of E&Tc and Ms. Nargis Gangrekar were present for the event.

This program served following objectives:

- 1) To welcome SE students in the department.
- 2) To motivate students to participate in co-curricular and extra-curricular activities for balanced academics.
- 3) To improve managing skills, leadership and team skills and overall Personality of Students'.
- 4) To improve interaction between students of SE, TE, BE.
- 5) TO give information about ISRO and achievements of ISRO.



Dr. Kuashal Prasad, Principal Dr. S V Chougule, HoD E&TC, Faculty members and Student Chief Coordinator G. K. Desai on occasion of Parichay-2K19



Sarswati vandana by Dr. Kaushal Prasad, Dr. S V Chougule



Dr. Kaushal .Prasad and Dr. S V Chougule expressing their views on occasion of Parichay-2K19



Prof. A. A. Chavan, Faculty In-charge ASENT and G.K.Desai, Student Chief Co-ordinator
ASENT expressing their views on occasion of Parichay-2K19



Students of BE E&TC presenting on 'India in Space to celebrate Engineers' Day



Dr. Kuashal Prasad, and Dr. S V Chougule, HOD E&TC felicitating students on their
academic achievements

5. A Seminar on Cyber Security

A Seminar on Cyber Security was organized by the Electronics and Telecommunication Engineering department on 27 September, 2019. Mr. Manish Singh from ATS InfoTech, an authorized training partner of Microsoft USA, delivered a seminar for T.E. and B.E EXTC students.

The seminar was attended by 63 students of T.E. and B.E. E&TC. The seminar helped students to know about Microsoft Virtual Academy Certification on Cyber Security. Resource person explained the benefits of these certification programs and availability of discount vouchers for the students to undergo Microsoft Certification Exam.

The Seminar was supervised by the Head of Electronics and Telecommunication Engineering Department, Dr. S. V. Chougule with Prof. Mansi Kolwankar and Prof. Saurabh Athalye as the Departmental coordinators. The participants showed deep interest in attending such seminars and workshops in future.



Mr. Manish Singh from ATS Solutions delivering seminar on Cyber Security



Students of TE & BE with the faculty of EXTC department attending the seminar

6. Value added Course on 'Internet of Things'

The Department of Electronics and Telecommunication Engineering in association with Training & Placement Cell of FAMT, organized a value added Course on 'Internet of Things' from 23rd September to 29th September, 2019 on FAMT campus. Mr. Nishant Singh from Treezec E solutions Pvt. Ltd. was the resource person of the course.

Total 24 students of B.E. Electronics and Telecommunication Engineering attended the course. It helped them to understand the concepts of setting up IOT workflow, Python programming, IOT protocols, IOT cloud infrastructure and performance and security in IOT. They also gained an insight of IOT from the prospective their project work. The course was overseen by Dr. S. V. Chougule, Head of Electronics and Telecommunication Engineering Department, along with Prof. Saurabh Athalye as the Coordinator.



Dr. S.V. Chougule Felicitating of Mr. Nishant Singh



Mr. Nishant Singh conducting the session



Participants with Mr. Nishant Singh and Prof. Saurabh Athalye

Faculty Achievements

1. /Prof. Dr. S. V. Chougule presented and published a paper 'Speaker Specific Formant Dynamics of Vowels' in International Symposium on Signal Processing and Intelligent Recognition Systems SIRS 2019: Advances in Signal Processing and Intelligent Recognition Systems pp 118-129 in December 2020 organised by Indian Institute of Information Technology and Management (IIITM-K) , Trivendrum, Kerala.
2. /Prof. Dr. S. V. Chougule presented and published a paper 'Formant Anaysis on Vowels' in International Conference on Signal and Data Processing ICSDP 2019, 15th - 16th November 2019 organised by MIT Academy of Engineering, Pune.
3. /Prof. Dr. S. V. Chougule has successfully completed a NPTEL course on 'Remote sensing and DIP of Satellite data' in a duration August to October 2019.
4. Prof. S. D. Mainkar has successfully completed a NPTEL course on 'Microwave Theory and Techniques' in a duration July to October 2019.
5. /Prof. R. R. Kulkarni has successfully completed a NPTEL course on 'C Programming and Assembly Language' in a duration July to October 2019.
6. /Prof. S. S. Goilkar has successfully completed a NPTEL course on 'Digital Image Processing' in a duration July to October 2019.
7. /Prof. N. S. Sakhalkar has successfully completed a NPTEL course on 'Design of Learner Centric MOOC' in a duration August to September 2019.
8. Prof. V. M. Galshetwar has successfully completed a one week faculty development program on 'Deep Learning: Concepts and Applications' in a duration 16th December to 21st December 2019 at SGGSIE&T, Nanded.
9. Prof. V. M. Galshetwar has successfully completed a NPTEL course on 'Introduction to Wireless and Cellular communications' in a duration July to October 2019.
10. Prof. V. D. Chavan has successfully completed a NPTEL course on 'Joy of Computing using Python' in a duration July to October 2019.

Student's Achievements

Sr. No		Name of student	Branch	Achievement /Rank	Remark	Event
1	/	BORDEKAR SHREYA NANDKUMAR	EXTC	Silver Medal/ Second Rank	52 nd University of Mumbai Youth Festival	Indian Folk Dance
2	/	DAMBE SAKSHI VILAS	EXTC	Silver Medal/ Second Rank	52 nd University of Mumbai Youth Festival	Indian Folk Dance
3	/	JABARE RUTUJA NARESH	EXTC	Silver Medal/ Second Rank	52 nd University of Mumbai Youth Festival	Indian Folk Dance
4	/	VARADKAR ADITTYAA NARESH	EXTC	1 st rank	52 nd University of Mumbai Youth Festival- Zonal Round	Mime
5	/	VARADKAR ADITTYAA NARESH	EXTC	1 st rank	52 nd University of Mumbai Youth Festival- Zonal Round	One Act Play
6	/	VARADKAR ADITTYAA NARESH	EXTC	1 st rank	52 nd University of Mumbai Youth Festival- Zonal Round	Skit (Marathi)
7		KULKARNI PIYUSH PADMANABH	EXTC	All India 2 nd rank	FAMT-Team Matadors Name of Competition- Bharat Formula Karting Season 3	National level Ecart Competition
8		KELKAR ATHARVA UMESH	EXTC	All India 2 nd rank	FAMT-Team Matadors Name of Competition- Bharat Formula Karting Season 3	National level Ecart Competition

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Mr. Saurabh S. Athalye
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