

**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. Giri S. Kulkarni (Associate Professor)
2. Prof. (Dr.) Sharada V. Chougule (Assistant 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. Ashwin B. Chettri (Assistant Professor)
12. Prof. Prajakta K. Kotwal (Assistant Professor)
13. Prof. Harshada S. Bodas (Assistant Professor)

Staff Members

14. 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 Lab 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
- ✚ 90+ Alumni placed worldwide in renowned companies like L&T, Infotech, Capgemini, Cognizant, TCS, Vodafone, etc.
- ✚ 05+ Alumni working as Entrepreneurs

Programs organized by the Department

1] Mini Project Exhibition cum Competition

Prof. Vinayak D. Chavan and Prof. Ashwin Chettri, of EXTC department organized a Mini Project Exhibition cum Competition on 14th July 2017. All BE students participated in the competition. The said program was inaugurated by Dr. Kaushal Prasad, honorable Principal of FAMT. The objective of this event was to give basic idea of mini project to SE and TE students and motivate them to solve and implement predefined practical problems. It was observed that participating students also gained immense confidence which can definitely help them for final year project work and in the industry.



Inauguration by Dr. Kaushal Prasad (Principal), Prof. G. S. Kulkarni (HOD EXTC)



Participants explaining their work to various faculty members and students



Prize Distribution

2] Two days workshop on PCB Design

The department of Electronics and Telecommunication Engineering organized a two days Workshop on “**PCB Design**” on 22nd and 23rd July, 2017. Prof. R. R. Kulkarni, Prof. A.B. Chettri and Prof. P. K. Kotwal were the resource persons for the workshop. The workshop aimed to provide knowledge about PCB design software named Express PCB and to make physical PCB. The workshop was inaugurated by Prof. G.S. Kulkarni (H.O.D. E&TC) with his informative and motivational talk on PCB Designing. Total 44 students from E&TC and Electrical department participated with enthusiasm in the workshop. Prof. A. B. Chettri explained PCB making procedure and do's and don'ts of making PCB. He also explained various circuits which can be used often by students and motivated students for designing such circuits. The students gave Feedback regarding the workshop. All the students responded that they enjoyed learning by hands on experience in designing a PCB. Mr .S .R .Pardule(Lab. Asst.) extended marvelous support for smooth conduction of workshop.



Inaugural Speech by Prof. G.S. Kulkarni (H.O.D. E&TC)



Interaction of participants with resource person



Hands on Practice for PCB making

3] Two days' workshop on 'RF and Antennas: From Theory to Practice'

The department of Electronics and Telecommunication Engineering has organized a two days' Workshop on "RF AND ANTENNAS: FROM THEORY TO PRACTICE" on 11th and 12th August, 2017. Prof. Dr. A. B. Kakade and Prof. M. R. Jadhav was resource person for the workshop.

The objective of this workshop was to acquaint the participants with the basic principles, developments and research trends in the area of antennas and wave propagation.



Inauguration Function & Participants in Workshop

4] Parichay 2k17

T.E. and B.E. students of E&TC department organized 'Parichay' a welcome programme on September 16 under ASEN for Second Year students. The function was inaugurated by Principal Dr.Kaushal Prasad. T. E. and B.E. students arranged fun activities for S. E. students to enable them to actively participate and interact with seniors.



Inauguration Function

5] Parents meet

The college organized a SE Parent meeting on Saturday, 23rd Sept. 2017. Departmental Parent meet started at 12.30 p.m. in EN 2/5, Electronics and Telecommunication Engineering block at FAMT. The main purpose of meet was to convey parents about their ward's progress and to make a lasting bond with parent to increase the likelihood of all-round success for their ward.

Forty Six parents reported for the meet. Head of Department, Prof. G.S.Kulkarni, introduced all faculty and staff members to parents. Detail information of activities done at departmental level was elaborated and information was provided to parents about the laboratories and other facilities available for students. HOD EXTC also highlighted the importance of various technical courses organized at department level and the need to be attended by students.



Interaction with parents

Faculty Achievements

Journal/Conference Publications

1. Prof. Rashmi Kulkarni, "Convolution using Urdhva Tiryagbhyam", 2nd National Conference on CTRD, 2k17.
2. Prof. Vijay Galshetwar, "Performance Evaluation of Single phase bipolar and unipolar SPWN inverter", 2nd National Conference on CTRD, 2k17.

Others

1. DR. MRS. S. V. Chougule Completed Doctor of Philosophy in Electronics Engineering from Shivaji University, Kolhapur in October 2017.
2. Prof. Suhasini Goilkar Worked As Mentor In AICTE Approved F.D.P. On "Foundation Program in ICT for Education" Conducted By IIT, Bombay, From 3 Aug 17 To 7 Sept 17.
3. Prof. Suhasini Goilkar Worked As Mentor In AICTE Approved F.D.P. On "Pedagogy for Online and Blended Teaching Learning Process" from 14 SEP 17 TO 12 OCT 17.
4. DR. MRS. S. V. Chougule Worked As Member For Panel Discussion And Session Chair For Extc Group, National Level Conference On "Changing Technology and Rural Development 2k17" On 22nd Dec 2017.
5. Prof. Sujay Mainkar secured position among top 1% in NPTEL exam for the subject "Satellite Communication".
6. Prof. Vinayak Chavan secured position among top 5% in NPTEL exam for the subject "Networks and Systems".
7. Dr. Mrs. Sharada Chougule completed the NPTEL course for the subject "Digital speech processing" with ELITE grade.
8. Prof. Rashmi Kulkarni completed the NPTEL course for the subject "Basic electrical circuits" with ELITE grade.

Student's Achievements

Publications

1. Siddhesh Adivarekar, Rajan Sawant, Sarthak Vaidya, "Office Security System", IJSART, Volume 3, issue 12, Dec 2017.
2. Smita Khatu, Omkar Killedar, Manali Madkaikar, Parth Padhye, "Human Drowsiness Detection using Image Processing", IJSART, volume 3, issue 12, Dec 2017.
3. Abhishek Bansode, Ketki Shinde, Vrushali Solim, Omkar Sukale, "Automated Sorting and Grading of Fruits using Image Processing", 2nd National Conference on CTRD, 2k17.
4. Vrushabh Kataria, Reshma Janvlakar, Varad Joshi, "Music Mood Detection using EEG", 2nd National Conference on CTRD, 2k17.

PUBLISHER

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