EXTC- News Letter

The program of Bachelor of Engineering in Electronics and Telecommunication is being conducted in accordance to the course curriculum prescribed by University of Mumbai. Department has been NBA accredited from 2012-2014. The college management has always encouraged the student fraternity by announcing scholarships and cash awards for meritorious students. The department has active IEEE Student chapter. Technical and Co-curricular activities are being conducted under IEEE on regular basis.

The department of EXTC was started in 2002. Right from the inception of the institute, it has progressed rapidly, to be regarded, as one of the premiere departments with excellent infrastructure and dedicated faculty. Department is well equipped with laboratories. The department has highly qualified and competent faculty members who specialize in their areas of expertise, in order to give the students a holistic and pragmatic view of the present scenario of Electronics and Communication industry.

Vision and Mission of EXTC Department

VISION

To be a Premier Department in Electronics & Telecommunications Engineering

MISSION

- To provide quality education satisfying the requirements of corporate world across diverse field.
- To develop life-long learning skills to cater to the socio-economic needs.
- To strengthen Industry-Institute Interaction to bridge the gap between academic and Industrial requirements.
- To equip students with leadership and entrepreneurial skills.

Editors

Prof. Preeti Hemnani

Prof. Madhuri Kulkarni

Program Educational Outcomes (PEOs)

Graduates will be able to:
1. PEO1: Identify, formulate and solve engineering problems in the Industry, complying with ethical standards and societal needs.
2. PEO2: Pursue higher studies and professional development courses leading to significant advancement in the field of specialization.
3. PEO3: Apply technical concepts to develop applications and design products.
4. PEO4: Exhibit leadership and entrepreneurial acumen in career.

Program Specific Outcomes (PSOs)

Students should able to
1. PSO1: Achieve eminence in domains like signal processing, VLSI, embedded IoT, RF & microwave.
2. PSO2: Become technocrats capable of working in multi-disciplinary fields.

Department Activities

- ✓ Short Term Training Program on FPGA design using VHDL from 07th July 2017 to 12th July 2017.
- ✓ FDP on "Efficient, Effective, Engineering Labs and Performance Management" on 19th Dec 2017 by Prof. Govind B. Lohiya.
- ✓ Industrial internship- 70 students done internship in Eduvance pvt. Ltd.

Department Initiatives

- ✓ MOU with IoT-PRO, Bangalore dated 29/07/2017.
- ✓ MOU with Teleman Institute of wireless Technologies pvt. Ltd., Thane dated-30/10/2017.

Academic/ Technical achievements of students

- ✓ Aamir Khan of SE EXTC won 2nd prize in Inquisitive-(National level Quiz) Under Techopedia 2017 Organized by IEEE SIES GST from 15/09/2017 to 16/09/2017.
- ✓ Krishnanand Jha of SE EXTC won First prize in circuit-Mania Under Techopedia 2017 Organized by IEEE SIES GST from 15/09/2017 to 16/09/2017
- ✓ Sharath Chandra of BE EXTC has successfully completed NPTEL course on -Marketing Research & Analysis with ELITE certificate.
- ✓ Errumsetty, Bhavya, Priya of BE EXTC has successfully completed NPTEL course on Fundamentals of Database Systems with ELITE certificate.

Faculty achievements

- ✓ Prof. Shubhangi Kharche published paper on "Effect of radio link and network layer parameters on performance of Zolertia Z1 motes based 6LoWPAN" in 2017, 8th ICCCNT, pp 1-7 IEEE 2017.
- ✓ Prof. Priyanka Kadam published paper on "Bandwidth Comparison for SIP and IAX Protocol through Asterisk", IJIACS ISSN 2347 – 8616, Volume 6, Issue 10, October 2017.
- ✓ Prof. Siva E. secured **All India Rank 1** in NPTEL course on "Analog Circuits & Systems through spice simulation"

Student Development Programs

- ✓ Value Added Course on "Embedded System & IOT" was conducted by EXTC department for two weeks from 19 June to 10 July 2017. The speakers were Dr. Jonathan Joshi and Mr. Ganesh Gore, C.E.O and C.T.O of Eduvance. Total 69 students has successfully completed the course.
- ✓ Three days Hands on Training on FPGA Design using VHDL from December 20-22, 2017, by Prof. Preeti H, Prof. Preetee K., Prof. Sonal J, Prof. Pranavi M.
- ✓ Three days Hands on Training on Embedded system from December 20-22, 2017, by Prof. Pushkar Sathe.
- ✓ Three days workshop on Arduino based Embedded system design & introduction to IoT from December 26-28, 2017, by Prof. Vishal Gaikwad.
- ✓ Two days Hands on workshop on "Internet of Things (IoT)" by Mr. Niraj Kapase from 29/07/2017 to 30/07/2017.
- ✓ IEEE SIES GST organized Inquisitive (National level Quiz), Circuit Maniacs Under Techopedia 2017 on 15th & 16th Sept.2017

Seminars /workshops/Orientation attended by Department

- ✓ STTP on "FPGA design using VHDL" from 07th July'17 to 12th July'17. All faculty members had attended the program.
- ✓ FDP on "Efficient, Effective, Engineering Labs and Performance Management" 19th DEC. 2017 by Prof. Govind B. Lohiya.
- ✓ Prof. Madhuri Kulkarni & Prof. Priyanka Kadam attended workshop on "Pedagogy for online and blended Teaching learning process" Sept 14- oct 2017.
- ✓ Prof. Madhuri Kulkarni & Prof. Priyanka Kadam attended workshop on "Foundation Program in ICT in Education" Aug 3-Sept 7 2017.
- ✓ Prof. Priyanka Kadam attended 4th International Conference on Advancement in Engineering, Applied Science and Management (ICAEASM-2017) on 8th Oct 2017.
- ✓ Prof. Nita Patil & Prof. Pratibha Joshi attended STTP on "Sensor Technology and Innovations in Dec 2017" at K. J. Somaiya college of Engineering, Vidyavihar.

Quote from the Editor's Desk:

"Education is the most powerful weapon which you can use to change the world."

-APJ Abdul Kalam