

**DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION
ENGINEERING
Annual Report 2017-18**

1. Academic achievements:

50000 research grant to students by NMMC.

2. Collaborative/MOUs':

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

3. Department Initiatives:

- To increase SE & TE students participation in skill development programs by 50%
- To improve faculty participation in research activities by 50%.
- To initiate a process for strengthening core competency of students

4. Academic / technical achievements of students:

- Sanjeeb Bharali and Team have been selected for finals of Smart India Hackathon conducted by AICTE.



- Sanjeeb Bharali and Team published paper in IEEE conference ICECA held during 29-31 March 2018, Coimbatore, Tamilnadu. They also won Third prize in nation level project competition “Electrowiz”.



- Aamir Khan of SE EXTC won 2nd prize in Inquisitive-(National level Quiz) Under Techopedia 2017 Organized by IEEE SIES GST 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 GST15/09/2017 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.
- **Industry Internship**

Company Name	No. of Students
Eduvance	70
ExpertsHub Industry Skill Development Centre,Smt.Kashibai Navale CoE,Pune	04

5. Cultural / sports achievements:

- Mr. Edison Durai, Mr. Rahul Nadar & Mr. Anurag Shenoy of TE EXTC secured First place in intra-collegiate football tournament.
- Mr. Tamil Arasan of TE EXTC secured second place in intra box cricket tournament.
- Mr. Vivek Kadian of TE EXTC won Silver Medal in intra collegiate volleyball tournament.

6. Faculty achievements/Research grants:

- Minor Research project titled as “Human Skin As Touch Sensor” with Principal Investigator Prof. Vandana Sawant and co-investigator Prof. Pratibha Joshi. Prof Pratibha Joshi Presented Poster at Univesity.

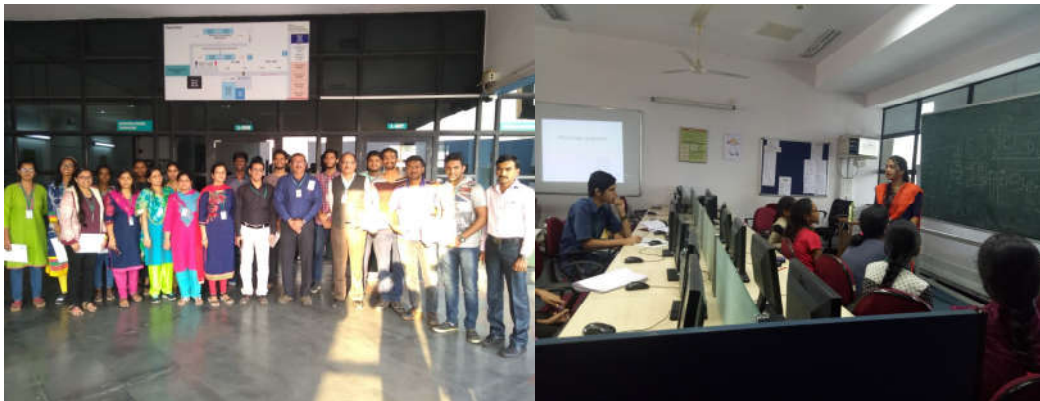


- Prof. Preeti Hemnani published paper in Int. J. Instrumentation Technology, Vol. 2, No. 1, pp.34–49(IJIT), Inderscience, published paper in Lecture Notes on Data Engineering and Communications Technologies, Springer, published paper in International Journal of Electronics and Computer Engineering, Scopus Indexed.
- Prof. Shubhangi Kharche published paper on “ Effect of radio link and network layer parameters on performance of Zolertia Z1 motes based 6LoWPAN” July 3-5, 2017, 8th ICCCNT, IIT Delhi, published paper in International Journal of Pure and Applied Mathematics, published paper in Helix, The Scientific Explorer.
- Biju Balakrishnan published paper in IEEE Explore Digital Library, Feb 15, 2018, pp 018-022 and in IEEE Explore Digital Library, Feb 15, 2018, pp 049-052.

- Prof. Vandana S. published paper in Journal of Emerging Technologies and Innovative Research (JETIR) 2018 JETIR May 2018, Volume 5, Issue 5.
- 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”
- Prof. Preetee Khuperkar secured ELITE with GOLD medal in NPTEL course on “Introduction to research”.

7. Seminars/workshops organised by departments:

- 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.
- Prof. Shishir J. and Prof. Vandana S. conducted workshop on Antenna design using IE3D on 3, 17 and 19th Feb 2018.



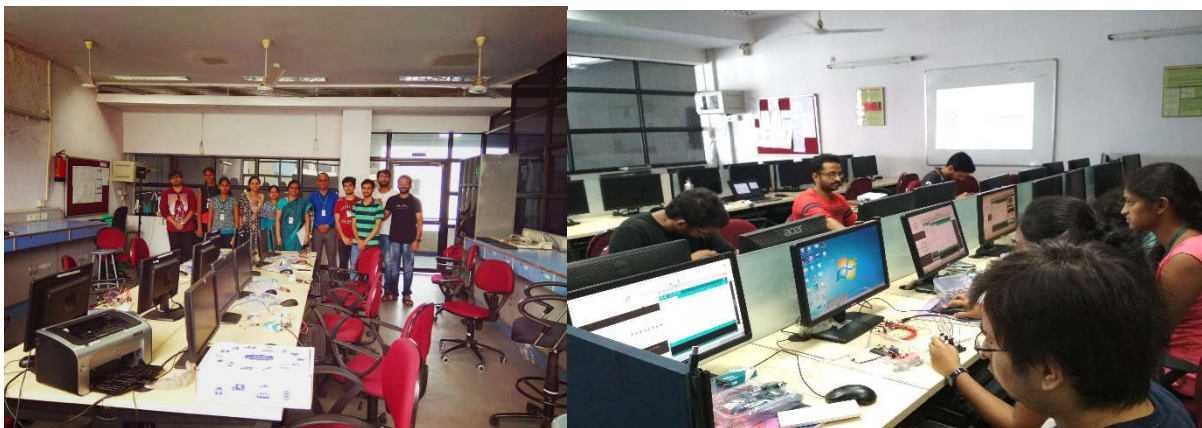
- Three days workshop on C & C++ from December 26-28, 2017, by Prof. Vivek Ramakrishnan.
- Prof. Shishir J. and Prof. Vandana S. conducted workshop on Antenna design using IE3D on 20 to 22nd June 2018.



- Prof. Pushkar Sathe, Vaishali Mangrulkar, Pranjali Thakre, Leena Ladge, Pratibha Joshi, Kintu Patel, Vishal Gaikwad conducted workshop on Internet of Things from 18 to 22nd June 2018.



- Prof. Vishal G. conducted workshop on Arduino based Embedded system design from 20 to 23rd June 2018.



IEEE Events

- 2 days Hands on workshop for “Internet of Things (IOT)” 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
- IEEE SIES GST organized Sqabble (Debate) Under Techopedia-6 -- Judge by Guest of honor Mr. Jayamohan R. Nair Deputy Manager from ONGC.
- 4 weeks, R and Python programming by Sahaj S. and chaitanya MDO (IEEE student council) for the students of SE & TE EXTC.
- More than 25 various events were organized under IEEE SIES GST Student chapter.



7. Seminars/workshops attended by department faculty:

- More than 10 faculties completed different NPTEL courses.
- 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.
- FDP on "Writing and Publishing Research Articles" on Jan 20, 2018 by Dr. B. K. Lande.
- 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.

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