

**Department of Electronics**  
**Academic Year 2016-17 (Odd Semester)**

**Department Activities:**

➤ **Industrial visit**

- An Industrial visit was organized for second and third year ETRX students (12 students) to Bisleri plant, Mumbai on 10th march 2017.

➤ **Student Achievements/ Activities/ Projects**

**Activities**

- More than 60 students from third and final year completed Internship/ Industrial training in various companies such as BARC, HPCL, Godrej, Indian railways, etc. during summer vacation.
- Students were part of organizing teams of various events held in VESIT during Praxis-2017 on the 22<sup>nd</sup> and 23<sup>rd</sup> September 2017.
- More than 100 students from Department of electronics participated in various technical events during Praxis 2017.
- **18 Alumni are pursuing higher studies at Reputed International Universities.**

**Placement activities**

- It's an immense pleasure to announce that 86 students of 2013 -17 batch have got placement offers from various companies like Accenture, Capgemini, Atos ,L and T Infotech, LnT Core, Sankey Solutions,General Electric,Toppers.com.
- A Mock Aptitude Test (MAT) on Quantitative Techniques was conducted for third year students (2014-18 batch).

**Scholarships**

**1.Suman Tulsiani Scholarship** is awarded by Suman Ramesh Tulsiani Charitable Trust. This scholarship is decided centrally for VES colleges and forwarded to Tulsiani Trust. The criteria for this scholarship is that, the student should have a score of at least 7.00 grades and family income of less than three lakh per annum. This year it is awarded to following students of ETRX Department:

- Chowdhari Shoab (S.E.)
- Akshay Bhise (S.E.)

- Gokul Narayanan (B.E.)
- Arvind Kushwaha (S.E.)
- Pawan Sukhwani (B.E.)
- Sayyadanwar Kazi (B.E.)
- Prathamesh Kulkarni (S.E.)
- Kiran Balakrishnan (T.E.)
- Sankalp Khandkar (B.E.)

**2.Vivekanand Jyoti Scholarship** is awarded every year to one student from each department. An Amount of Rupees Thirty thousand each is given every year. The criteria is a grade point of at least 7.00 and family Income of less than one lakh per annum. It was received by following student of ETRX Department:

- Harish Firatu (S.E.)

**3. Geeta Israni Foundation Scholarship** benefits meritorious students who scored grade point of 8.0 and above and whose family income does not exceed Rs.1.50 lakhs per annum. It was received by following students:

- Sankalp Dinanath Tripathi (T.E.)
- Madhav Agarwal (T.E.)

#### **Guest lecture**

- A Guest lecture by Prof. Naganada, Assistant professor, EXTC on "How to write a Research Paper" was arranged for the students of third year and final year on 21st march 2017.

#### ➤ **Faculty News**

The staff activities for the Electronics Department are as follows:

- Department of Electronics is accredited by NBA for two years from July 2016 onwards.
- Best Paper award at the IEEE International Conference  
Prof. Parmeshwar Birajdar has received "Best Paper Award" and also "Travel Bursary Award" at the International Conference on Signal and Information Processing (IConSIP-2016), held at SGGS Institute of Engineering and Technology, Nanded, India, during 6<sup>th</sup> – 8<sup>th</sup> October 2016.

IConSIP-16 was jointly organized by SGGS Institute of Engineering and Technology Nanded in association with Indian Institute of Technology Bombay (IITB), College of Engineering Pune (COEP) and technically Co-Sponsored by IEEE Bombay Section.

- Research Proposal submitted by Electronics Engineering Department has been Approved & Sanctioned by ISRO under Mars Orbiter Mission – An Opportunity (MOM-AO). The proposed research work by the team is related to surface geology, composition and morphology of Mars, by utilizing the data captured by the on-board sensors.

Department of Electronics has organized One week Faculty Development Program (FDP) on different Domains of Electronics.

- Paper Published
  1. Jaymala Adsul, Dr. P.P. Vaidya & Dr. J.M. Nair, “A new method of reconfigurable ADC using calibrated programmable slopes”, IEEE International conference on Communication & Electronics Systems. (ICCES 2016), 21-22 Oct 2016.
  - 2. P. Birajdar, et.al. “A Novel Iris Recognition Technique Using Monogenic Wavelet Phase Encoding”. International Conference on Signal and Information Processing (IConSIP-2016), 6-8 Oct 2016
  - 3. P. Birajdar, et.al. “Touch-Less Finger photo Feature Extraction, Analysis and Matching using Monogenic Wavelets”. International Conference on Signal and Information Processing (IConSIP-2016), 6-8 Oct 2016
- Mrs. Asawari Dudwadkar published a Research paper titled “Series Load Resonant Convertor for Induction Heating Application” WEFER in International Conference in Pune on 25<sup>th</sup> December 2016.

➤ Conference / Seminar attended

- Mr. P. Birajdar attended International Conference IConSIP-2016
- Mrs. Jayamala Adsul attended IEEE International conference on Communication & Electronics Systems, 21-22 Oct 2016

**The student activities for the Electronics Department are as follows:**

- Department of Electronics shines at NIYantra 2016

Rohit Kashyap (3rd year ETRX) and his team were declared as a runners-up among 950 teams from all over India for the prestigious National Instruments' NIYantra 2016 competition held in October 2016. He has built "A Semi-Autonomous Pipeline Exploration Robot" (SAPER) that can travel inside a pipeline and check for leaks and cracks with the help of sensors. The robot takes inside photographs of the pipeline and relays them to its controller.

- SEL Lecture

SEL were conducted for second year & third year students on topics like Electromagnetics, Recent advances in thermal instrumentation, IOT, Need of Electronics in Industry & Transducer etc.

- Placement activities

1. 80 students of final year have got placement offers from various companies like Accenture, CapGemini, ATOS, L&TIL, L&T core, SECLORE.
2. A Mock Aptitude Test (MAT) on Quantitative Techniques was conducted for third year students (2014-18 batch).

➤ Department Rankers:

Sharvil Panandikar secured first rank in final Year Electronics Department (2015-16) with CGPA 9.29.

Anisha Das secured second rank in final Year Electronics Department (2015-16) with CGPA 9.14.

Sushmita Manohar secured third rank in final Year Electronics Department (2015-16) with CGPA 9.12.

Mrs.Kavita Tewari

Head of department of Electronics Engineering