

**Department of Electronics**  
**Academic Year 2017-18 (Even Semester)**

**Department Activities:**

➤ **Industrial visit**

- An Industrial visit was organized for second and third year ETRX students to Voltas limited and Sudhir generators Limited Silvasa on 8th January 2018.



Industrial visit to Sudhir Generators Silvasa



Industrial visit to Voltas Limited Silvasa.

## ➤ **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.
- **18 Alumni are pursuing higher studies at Reputed International Universities.**

### **Achievements**

- Omkar Tulaskar, Pitam Mali, Mahesh Kulkarni reached Semi-Finals and won the Super Team award in Project "Deep Blue Competition" organised by Mastek Ltd. for completing a working solution for emergency situation by developing an android application during the period October 2017-February 2018.

### **Publications by students**

- **Tejveer Singh Goraya, Abhinav Sridhar** published the paper titled "Automation of conventional Gas stove" .International Research Journal Of innovative Engineering and Technology – IRJET,ISSN: 2395-0056Vol.5,Issue 2,February 2018.

### **Seminars/Workshops:**

#### **ANALOG ELECTRONICS AND PCB DESIGNING WORKSHOP**

Tinkerer's Lab conducted the Analog Electronics & PCB Designing Workshop for five days 3rd August to 10th August 2017. Students from ETRX and INSTRUMENTATION department participated in this workshop. During this workshop students learnt the working of BJTs and Relays, Voltage Regulators and Operational Amplifiers as well as Circuit Implementation on a PCB.



Analog Electronics Workshop by Tinkeres Lab



Tinkeres lab conducting PCB Designing Workshop

### **EMBEDDED SYSTEM AND IoT WORKSHOP**

Tinkerer's Lab conducted the Embedded Systems & IoT Workshop for five days from 15th September to 21st September 2017. Students from ETRX, EXTC and CMPN department attended this workshop. Students were introduced to Arduino UNO development board and were given a hands-on session on interfacing switches, LEDs, sensors and Motors with Arduino IDE. In the IoT Segment, students learnt how to make Node MCU a web server and host the web page. They were also taught the basic syntax used in PHP scripting.



Session of IOT Workshop

### **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.

#### **Skill Enhancement Lecture**

- SEL on "Artificial Intelligence" for final year students was delivered by Mr. Siddesh Wagale on 22nd August 2017.
- SEL on "Silicon crystal structure and Miller Indices" for final year students was delivered by Mr. Prafull Tele on 22nd July 2017.
- SEL on "Ideas for Mini Project" for third year students was conducted by Mr. V. M. Joshi on 24 July 2017.
- SEL on "Embedded Systems and IoT" for third year students was delivered by Mrs. Anita Diwakar on 24th October 2017.
- SEL on "Renewable Energy sources and and Solar PV" for second and final year students was delivered by Mr. Mehul Raval ,Solar Cell Process specialist, IMC, Mumbai on 3rd Feb 2018.
- SEL on "Robotics , its application and future scope" for third and final year students was delivered by Mr. Pratik Deshmukh, Director, Robo LAB technologies.

#### ➤ **Faculty News**

##### **Publications**

1.

##### **Courses conducted / attended**

Courses Conducted By Faculty:

- Dr.Rajani Mangala conducted orientation lecture on **Fundamentals of communication Engineering** at RAIT, Nerul on Wednesday **24th January 2018**.
- **Mr Abhay Kshirsagar** conducted orientation lecture on **Microprocessor and application** at D.J.Sanghvi COE , Mumbai on friday **19th January 2018**.

Mrs.Kavita Tewari

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