

VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION
ENGINEERING**



Departmental Report

ACADEMIC YEAR 2017-2018(Odd Semester)

The department of EXTC had numerous highlights in the year 2017-2018 (Odd Sem).

Department Activities:

☐ Student Activities

☐ Skill Enhancement Lectures:

1. SEL of Mobile communications for all batches D19A, D19B and D19C of topic 'Radiation hazards and remedies' by Mr Vikas singh from NESARA Radiation Solutions Pvt. Ltd. on 21st August 2017.
2. SEL on “Applications of Analog Communication” for T.E. of topic 'DCS Wireless Technology and Certification” by Mr. S.Y Kulkarni on 10th October 2017. Mr.S.Y Kulkarni has been associated with SAMEER for many years. He himself was a part of designing of RADARs team.
3. SEL of Digital System Design for D9A, D9B on topic of 'Future scope of DSD in industries' by Mr. Ganesh Kore, C.O.E. Steplearn Education Pvt. Ltd., was conducted on 21st August 2017.
4. SEL of Microcontroller & Its Application (MCA) for T.E. students was held on topic 'Microcontroller, Embedded System And Industrial Applications' by Mr. Narendra Kale, Director, Capgemini, on 09th Sept. 2017.

☐ INTERNSHIP

88 Students attended internship programs in various Industries like ISRO, BSNL, NPCIL, BPCL, Reliance Communications, Godrej & Boyce Mfg. Co. Ltd, Doordarshan Kendra, Central Railways, Applab Universal Tech., etc.

☐ PROJECT

Supratim Kamat, Hitesh Tewani, Aneesh Gunda, Dr Mrs Gresha Bhatia (mentor), Supriya Suresh (from left) stood **FIRST** in the **NATIONAL FINALS** held at IIT-B under “Close To Market” Category for eYIC 2017, for their project ‘PRAVAS SARTHI – A Convenience’.



□ **INDUSTRIAL VISIT**

1. An Industrial visit was arranged for the final year student to the Society For Applied Microwave Electronics Engineering & Research (SAMEER), KHARGHAR, on Wednesday 27th September 2017.
2. Industrial visit was arranged by Electronics & Telecommunication Department on 16th October 2017 at Doordarshan, (Worli, Mumbai), for TE students.

□ **LBS PROJECTS**

Seven LBS projects got selected under EXTC Department for the academic year 2017-18.

□ **TINKERERS LAB ACTIVITY:**

Tinkerers Lab EXTC, VESIT organised their first event of this semester in form of Activity on Embedded systems with Arduino. It was a two-day activity, covering the basic concepts of Arduino. It was scheduled on 26th & 28th September 2017.

A total of 29 teams registered for the activity. Each team consisted of two members. Participants were given an option to buy takeaway kits. Teams that opted not to buy the kit were provided Arduino boards and other components, by pooling the resources of college and Tinkerer's Lab members. Participants were requested to bring their own laptops. The response from second and third year students was overwhelming.

□ **PLACEMENT CELL ACTIVITY**

The placement cell GRIN (GET Ready for Industries) of the department of EXTC has conducted various activities in the Academic year 2017-18 for the students to prepare for the placement process. These activities include Mock Aptitude Tests (MAT), various sessions on Campus Placement: A winning Strategies, Share it Sessions, Finishing Schools and IT for Telecommunication.

As a result, 112 students have got offer from various companies like Accenture, L&T IT, CapGemini etc. The company wise placement details are as follows:

ACCENTURE: 83

L&T IT: 23

CAPGEMINI: 3

KPMG: 3

TOTAL PLACED: 112



Staff Activities

FACULTY PUBLICATIONS:

The faculty of EXTC department had published and presented 24 papers in international journals and national journals and conferences.

FACULTY DEVELOPMENT PROGRAM

Electronics and Telecommunication department organized Short Term Training Program on “WAVELETS AND MACHINE LEARNING” during 3rd July, 2017 to 8th July, 2017 by Dr. Manesh Kokare (IIT, Kharagpur), S.G.G.S institute of technology, Nanded/. For this STTP total 45 participants had registered which included 26-EXTC Staff, 5-ETRX Staff, 2-INST Staff, 1-External candidate from Vardha and 11- ME EXTC students.

□ **VAACHAN PRERNA DIWAS CELEBRATION:**

On the occasion of birth anniversary of our former president Dr. APJ Abdul Kalam which was on October 15, the Department of Electronics & Telecommunication, VESIT had celebrated “Vaachan Prerna Diwas” or Reading Day in the department on 14th October 2017. This session was arranged for all the teaching and non-teaching staff of the department.

□ **The Spoken Tutorial Project**

The Spoken Tutorial project is the initiative of the ‘Talk to a Teacher’ activity of the National Mission on Education through Information and Communication Technology (ICT), launched by the Ministry of Human Resources and Development, Government of India, conducted by IIT Bombay.

Six faculties of EXTC department viz. Nusrat Ansari, Jyoti Dawkhar, Arti Sawant, Anuradha Jadiya, Neeta Chavan and Mrugendra Vasmatkar have completed 'Scilab' and 'Python' courses and have been rewarded with certificates.

This activity was conducted for students of the EXTC department as well. 30 students have got ‘Course C’ certification while 16 students are ‘Python’ Certified.