

PROFESSIONAL ACTIVITIES

ACADEMIC YEAR: 2018-19

1. **Five Days FDTP on IOT Edge with Raspberry Pi using Python**

A Five day Faculty Development Training Programme on “IOT EDGE WITH RASPBERRY PI USING PYTHON” was organized by Department of ECE, EEE and EIE in association with SANDS India Private Limited from 16th May 2019 to 21st May 2019. The FDTP aims to provide opportunities to faculty members to enhance their insight in Embedded Systems, Raspberry Pi and IOT. The Programme also intends to develop the knowledge of participants in IOT using UBIDOTS SERVER, which is utilized for monitoring and controlling home automation based applications.



Inauguration of Five days FDTP on IOT Edge with Raspberry Pi using Python (Dr. J. Venu Gopala Krishnan, Principal, JEC, Dr. Anita Titus, Professor and Head /ECE, JEC, Mr.E.Murugan, Project and Development Engineer, Sands India Private Limited on 21.05.2019)



Technical Session on SOC Booting Process



Mr. E. Murugan, Project and Development Engineer at Sands India Private Limited on 18.5.2019 with faculty in JEC

1. Workshop on Electronic Product Design

The Department of ECE organized Two Days Workshop on Electronic Product Design by Mr. Nirmal Sharavanan of Breathe Electronics on 29.01.2019 and 01.02.2019 at ECE Block-First Floor. All the First year ECE students attended the workshop. Mr.Nirmal Sharavanan addressed the students about the rudiments of Electronic contraptions, their ideas and some of the most essential components.



Faculty and students with Mr.Nirmal Sharavanan on the Final day of the workshop on Electronic Product Design

2. Orientation Talk on Embedded and IOT

The Department of ECE organized an Orientation Talk on “Embedded and IOT” by Mr. A. Athif Shah of ABE Semiconductor Designs on 27th July 2018 at ECE Block. All the students of third year ECE attended the orientation talk. He stressed the need for doing mini projects in lower semesters before attempting to do a major project in the final semester. So that the students get opportunities to gain more experience. He additionally included that project work is a method of applying the skills and knowledge acquired during the academics in solving or analyzing real life problems and drawing conclusions.



Mr. A. Athif Shah, CEO, ABE Semiconductor Designs handled the session on 27th July 2018.

4. Value Added Course on IOT Using Raspberry Pi for Third Year Students

An industry oriented Value Added Course on “Embedded and IOT” was organized for the third year students from 03.08.2018 to 10.08.2018 for section A and from 27.08.2018 to 31.08.18 for section B at ECE Block. Mr. A. Athif Shah, CEO, ABE Semiconductor Designs personally handled all the sessions along with his team members.



Dr. Anita Titus, Professor HOD/ECE, JEC, felicitated Mr. A. Athif Shah CEO, ABE Semi Conductor Designs on 10.08.2018



Laboratory Session by Mr. A. Athif Shah on 10.08.2018

5. Guest Lecture on Network Certifications and Career Opportunities

The Department of ECE organized a Guest lecture on “Network Certifications and Career Opportunities” by Mr. K. G. Nandhakumar, CEO of RJP InfoTech on 16.08.2018 at Placement Seminar Hall.

Mr. K. G. Nandhakumar explained the necessity and significance of CISCO certification and career opportunities in the field with reasonable models.



Dr. Anita Titus, Professor, HOD/ECE, JEC, felicitated Mr. K. G. Nandhakumar
CEO, RJP InfoTech on 16.08.2018



Guest Lecture by Mr. K. G. Nandhakumar, CEO, RJP InfoTech

6. Memorandum of Understanding with RTTC- BSNL, Maraimalai Nagar

Department of ECE signed MOU with RTTC-BSNL, Maraimalai Nagar on 18.09.2018



Mr. Subramaniam, Divisional Engineer, RTTC-BSNL, handed over the signed MOU to ECE Department
on 18.09.2018

7. Workshop on Embedded and Image Processing:

An industry oriented two days workshop on “Embedded and Image Processing” for third year students conducted by Mr. R. Ashok and Mr. Bikash Kumar, ABN INFOTECH on 24th and 25th September 2018.



Participants of the Workshop on Embedded and Image Processing with faculty on 25.09.2018

7. Workshop on Embedded and Arduino

Department of ECE organized two days workshop on “Embedded and Arduino” for the second year students. The workshop was coordinated by Mr. E. Sakthivel, AP/ECE and Mr. S. Ranjith, AP/ECE. Mr. E. Sakthivel, explained the extent of Embedded in the present world. He gave a concise review of the research activity going on in this field in India and what are the expected future outcomes.



Laboratory Session handled by Mr. E. Sakthivel, AP/ECE, JEC on 26.09.2018

