



NEWSLETTER

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EDITORIAL BOARD

GINNES K. JOHN
(ASSISTANT PROFESSOR,
EEE DEPT)

VIBIN ABRAHAM ROY
(2015-19 EEE
BTECH BATCH)

ACTIVITIES IN 2017

ELECTRICAL QUALITY CONTROL & ELECTRICAL QUALITY ASSURANCE FOR ELECTRICAL EQUIPMENTS

ELUXTRA in association with United NDT training and Inspection Center organized a seminar on 'Electrical Quality Control & Electrical Quality

Assurance for Electrical Equipments' for S8 EEE students on Friday, 20th January 2017.

ELECTRIC DRIVES AND POWER ELECTRONIC CIRCUITS SIMULATION USING MATLAB/SIMULINK

ELUXTRA conducted short term courses on 'Electric Drives and Power Electronic Circuits Simulation using MATLAB/Simulink' and 'Interfacing of Embedded Controllers with Peripherals'

for S6 EEE students on 2nd February 2017 and 3rd February 2017. Resource persons were Mr. Ginnes K John, Ms. Caroline Ann Sam, Ms. Anna Mathew, Ms. Sreepriya R., Fr. Mejo Paul.

INDUSTRIAL VISIT TO BPCL-KRL

ELUXTRA in association with ENCON club organized an industrial visit to BPCL-KRL, Ambalamugal on 25th February 2017. 16 students from various semesters and 2 faculty members visited 'Integrated Refinery Expansion Project'.



SAVISHKAR 2017

On 29th November 2017 an all Kerala level Project exhibition competition for school students was conducted by RSET. Around 2000 school students across Kerala participated in Saavishkar 2017.

Faculty and students of EEE dept actively participated in the program.



Office Bearers of ELUXTRA during the academic year 2017-2018:

President - Joseph Paul (S8 EEE), Vice President - Anupama Anilkumar (S8 EEE), Secretary - Vibin Abraham Roy (S6 EEE), Treasurer - Lakshmi R Menon (S6 EEE), Members - Mohammed Suhail (S4 EEE), Sneha Ramakrishnan T (S4 EEE), Aswathi E R (S4 IDAC), Sandeep Suresh (S2 IDAC)

TALK AND HARDWARE DEMONSTRATION OF PERSONNEL PROTECTIVE EQUIPMENT

Mr. Manesh GP, Senior Trainer from Arbrit Safety Engineering Solutions (Pvt) Ltd conducted a talk about “Global Standards of Environmental Health and Safety Applicable to Electrical & Electronics Engineering” on 26th September 2017 at the Gallery Hall.



IEEE PES PAPER PRESENTATION ON THE TOPIC “SMART GRID FOR POWER DISTRIBUTION IN SMART CITIES”

IEEE PES in association with Eluxtra conducted a inter college paper presentation contest on 21st October 2017. Students from RSET EEE Department presented papers in the contest.



PLACEMENT DETAILS

- ▶ B.Tech EEE - Total no of offers 79 out of 48 eligible students. Total number of eligible students placed 41. Percentage of placement 77.419 out of total class strength of 62.
- ▶ M.Tech IDAC (2015-17 Batch) – 2 students placed in companies through campus placement.
- ▶ A few Placements company names in which EEE student placed: Bosch , Infosys, CTS, , Wipro, Mytrah Energy India Private Limited , SunTech etc.

INDUSTRIALS VISITS

- ▶ Batch 2015-19 – Sholayar power house – 66 students + 4faculty – on 16-03-2017
- ▶ S6 EEE students (Batch 2014-18) visited Ramakkalmedu Wind Farm, Idukki on February 19, 2017
- ▶ Batch 2014-18 Wind farm Ramakelmedu – 57 students + 2 faculty
- ▶ S8 EEE (Batch 2013-17)students undertook an educational tour to Bangalore and Chikmangalore on February 15 & 16, 2017

INTERNATIONAL INTERNSHIPS

- ▶ **Indo-German summer winter school program:** A total of eight students from RSET did internship program at Ostbayerische Technische Hochschule (OTH) Amberg - Weidenuniversity, Germany from 13th to 17th February 2018.
- ▶ **Indo - Japan Sakura Science Exchange Program:** Midhun Varghese, S6 EEE (MG University 2014-18 Batch) along with 3 RSET students visited Sojo University, Kumomoto, Japan as part of the Sakura Science Exchange Program, from March 5 to 13, 2017

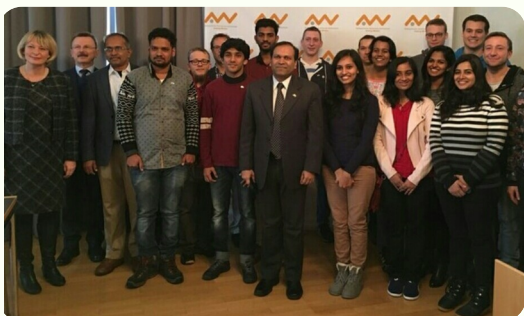


PHOTO GALLERY



2013-17
Passout Batch



Samavarthanam 2017



2016-20 Batch
Industrial Visit



2015-19 Batch
Industrial Visit



2014-18 Batch
Industrial Visit



Energy Auditing Work
14th Feb 2017

FACULTY CORNER

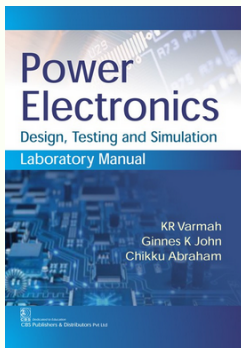
- ▶ Dr. Elizabeth Rita Samuel joined EEE department on 5th January 2017. She has received her PhD from Gent



Dr. Elizabeth Rita Samuel

University, Belgium in Electrical Engineering in 2015. She did her B.Tech from TKM College of Engineering, Quilon in 2002 and M.Tech in Guidance Navigation and Control from College of Engineering Trivandrum in 2005.

- ▶ Mr. Ginnes K John, Assistant Professor, EEE Department, co-authored a book on "Power Electronics Laboratory Manual - Design, Testing and Simulation" which is published by CBS Publishers & Distributors in the year 2017.



- ▶ The Department of Electrical and Electronics Engineering presently have 18 faculty members. Out of that 2 faculty are having PhD degree. Currently six faculty pursuing the PhD degree from different universities across India.

- ▶ 3 students registered for Ph.D in EEE department under Dr. Elizabeth Rita Samuel in year 2017.

- ▶ During the period of 2016-17, EEE faculty had published 40 journal papers and 8 conference paper

- ▶ Mr. Unnikrishnan L had given the following classes in various colleges:

- Catholicate HSS, Pathanamthitta as part of ASAP training program on 13/5/2017
- Sreepathy Institute of Management & Tech - Thrissur - Talk on startups and Entrepreneurship as part of EDII training program on 13/07/2017
- MEA Engineering College - Perinthalmanna - FDP on Entrepreneurship development on 18/8/2017
- MES College of Engg - Ekm - FDP on IEDC Ecosystem on 26/8/2017
- Amal Jyothi Engg College - TBI - One Workshop on Design Thinking on 17/2/2018



Energy Auditing Work
10th Feb 2017



One Day Arduino Workshop
6th Nov 2017



Mr. Unnikrishnan L at
Catholicate HSS,
Pathanamthitta



EEE Students @ Savishkar

STUDENT ACHIEVEMENTS & HIGHER STUDIES

- ▶ Ms. Aneeta Johnson (2013-17 Batch EEE) - passed out as Sub lieutenant from Indian Naval Academy, Ezhimala, Kerala, India in the year 2017.



Ms. Aneeta Johnson

- ▶ Mr. Abhinav Johnson, Mr. Arun C Bernad, Mr. Akshay M Nair of 2013-17 B.Tech Batch joined at Monash University, Australia for their masters in Advanced Electrical Engineering

- ▶ Three students of EEE 2013-17 batch secured valid GATE score in the year 2017.

- ▶ Ms. Jerry Jacob joined M.Tech Control and Instrumentation course at Amrita School of Engineering, Coimbatore in the year 2017.

- ▶ Ms. Oshin Peter and Ms. Amala Shibu joined M.Tech Industrial Drives and Control course at RSET in the year 2017.
- ▶ Yadhunandhanan and Sandra Maria Benoy (S4 EEE) bagged the first and second prize for the annual vocal music competition held for the first years - RSET Voice Hunt.

RESULT ANALYSIS

- ▶ After the announcement of results of MG university examination April/May 2017, 49 out of 62 EEE students (79 %) bagged their B.Tech degree (2013-17 batch) by passing all subjects from semester 1 to semester 8.
- ▶ Ms. Ann Cheriachen Thoppil secured the top position in the EEE department with the CGPA of 8.79.
- ▶ Under APJ Abdul Kalam Technological University (KTU), final 4th Semester examination conducted on June 2017 and all M.Tech Industrial Drives and Control students secured their M.Tech degree (2015-17 Batch). Mr. SreeRam K secured the top position in the class with CGPA of 9.33

University	Semester	Month and Year of Examination	% of pass Passed out of	Topper
MG	S8	April/May 2017	88.7% Passed 55 out of 62	Rony Joseph – 74 % Marks scored : 888/1200
MG	S6	April/May 2017	83.61 % Passed 51 out of 61	Midhun Varghese – 82.9% Marks scored : 995/1200
KTU	S4	May/June 2017	69.7% Passed 46 out of 66	Vandana Nair SGPA – 9.08
KTU	S2	May/June 2017	65.7 % Passed 44 out of 67	Sanjana L SGPA 8.77
KTU M.Tech	S4	June 2017	100 %	Sreeram K SGPA – 10
KTU M.Tech	S2	May/June 2017	100%	Niravadya V S SGPA – 9.08
MG	S7	Nov/Dec 2016	83.87 % Passed 52 out of 62	Rony Joseph 91.8 % 1102/1200
MG	S5	Nov/Dec 2016	85.25% Passed 52 out of 61	Midhun Varghese 923 / 1200
KTU	S3	Dec 2016	56 % Passed 37 out of 66	Vandana Nair SGPA -8.9
KTU	S1	Dec 2016	73.5% Passed 50 out of 68	Sanjana L SGPA -9.27
KTU M.Tech	S3	Dec 2016	100%	Sreeram K SGPA – 10
KTU M.Tech	S1	Dec 2016	100%	Niravadya V S SGPA – 8.5

"ELUXTRA is a group of dynamic students looking forward for new and different aspects of learning and self development. Students are looking forward for more events and activities in the next academic year."