METRON

VIMAL JYOTHI ENGINEERING COLLEGE
ELECTRONICS & INSTRUMENTATION ENGINEERING DEPARTMENT

VOLUME 9 ISSUE 2 AUGUST 2018

VISION & MISSION OF THE DEPARTMENT

VISION

The department strives to enrich professionals of high competency in the arena of Instrumentation Engineering & mould them to adopt the crux of matter in the field of Automation

MISSION

To prepare the students to envisage beyond the hypothetical thinking & belong to a new era of acquisition & application of Instrumentation Technology to meet the requisition of the changing world

INSIDE THIS ISSUE

"Science can amuse and fascinate us all, but it is engineering that changes the world."
—Isaac Asimov

JYOTHIRGAMAYA 2018

The academic year 2018-19 started with the ceremony Jyothigamaya 2018 on 16th July 2018 at Msgr. Chalil Auditorium. The official inauguration was done by His Grace Mar George Njaralakattu, Patron and Archbishop of Archdiocese of Thalassery. Students were appreciated during the function as the token of their performance in academic/sports/co academic activities.

MOU signed with Prolific Systems & Technologies Pvt. Ltd.

MOU for placement oriented training for S8 Students of AEI has been signed with Prolific systems and Technologies Pvt. Ltd. In association with prolific systems, the Department of Electronics and Instrumentation will conduct a 21 day Pre-placement training program in industrial automation. This is a PGDIA program (Post Graduate Diploma in Industrial Automation) conducted in accordance with the MOU between the department and PROLIFIC systems, kochi. Upon completion of the training, the student will learn about core technologies in industrial automation like PLCs, DCS, VFDs etc which helps the student to attend interviews in core instrumentation based companies.

EIE students at Jyothirgamaya 2018

Top 3 Students from various years of the department received memento from the chief guest for their excellent performance in the academics.

Mr. Shreehari
Class Topper, 2017 – 21 Batch

Mr. Robin Jose
Class 2nd Topper, 2017 – 21 Batch

Ms. Jis Mathew
Class 3rd Topper, 2017 – 21 Batch

Mr. Joyal Joy
Class Topper, 2016 – 20 Batch

Ms. Drishya K
Class 2nd Topper, 2016 – 20 Batch

Ms. Navami Manoharan
Class 3rd Topper, 2016 – 20 Batch

Ms. Khadeeja Beevi
Class Topper, 2015 – 19 Batch

Ms. Pooja Pavithran
Class 2nd Topper, 2015 – 19 Batch

Mr. Jiss Jaison
Class 3rd Topper, 2015 – 19 Batch

Ms. Sukritha Raman Das
Class 3rd Topper, 2014 – 18 Batch

Placements

1. Mr. Vishnu Haridas - Godsmatthew Trading India Pvt. Ltd.
2. Mr. Sujil Suresh - Godsmatthew Trading India Pvt. Ltd.
3. Ms. Sukrita Raman Das - Digital Nirvana
4. Pranav C Mohan - Accenta Education
5. AKHIL KJ - SR Unique Solutions, Hosur
6. ANJU - SR Unique Solutions, Hosur
7. AMITHA - SR Unique Solutions, Hosur
8. JEFFIN -Culture Instruments, Peenya
9. ARUN RAJ - Stork Systems and Projects Pvt Ltd, Blr
10. SHELTON SHIBU - NG Engineers

Prolific Training

The first phase of the placement oriented training program by Prolific Systems for the 2015-19 batch students was conducted from 09-07-2018 to 13-07-2018.

Workshops Conducted

- Mr. Shinu M M, Ms Achala Prasad, Ms Sudharsana Vijayan Organized workshop on C Programming and Python for S3 AEI students from 23/6/2018 to 27/6/2018

- Ms. Divya K Vinod, Mr. Dhanoj Mohan organised a one week training program on ARM embedded systems for S5 AEI students from 09/07/2018 to 13/07/2018.

Farewell

The department bid farewell to Ms. Shincy Simon

New Face

Newly joined faculty of the department Mr. Ansil Nazar.

Training Attended by Faculty

- Ms. Reema Mathew attended hands on workshop on artificial intelligence and deep Learning organised at Saintgits College of Engineering during 25th June to 27th June 2018.
- Ms. Sudarsana Vijayan attended hands on workshop on artificial intelligence and deep Learning organised at Saintgits College of Engineering during 25th June to 27th June 2018.
- Dr. G Glan Devadhas attended Conference organisors workshop at Vizag on 20th May 2018.

POs and PSOs of Department

POs

Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering application to the solution of complex engineering problems.

Problem Analysis: Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conditions using first principles of mathematics, natural sciences & engineering sciences.

Design/ Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health & safety and the cultural, societal and environmental considerations.

Conduct Investigations of Complex Problems: Use research based knowledge and research methods including design of experiments, analysis & interpretation of data, and synthesis of the information to provide valid conclusions.

Modern Tool Usage: Create, select & apply appropriate techniques, resources & modern engineering & IT tools including prediction & modeling to complex engineering activities with an understanding of the limitations.

The Engineer and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal & cultural issues & the consequent responsibilities relevant to the professional engineering practice.

Environment and Sustainability: Understand the impact of the professional engineering solutions in societal & environmental contexts and demonstrate the knowledge of and need for sustainable development.

Ethics: Apply ethical principles & commit to professional ethics and responsibilities and norms of the engineering practice.

Individual and Team Work: Function effectively as an individual and as a member or leader in diverse teams and in multi disciplinary settings.

Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.

Project Management and Finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one own work, as a member and leader in a team, to manage projects and in multi disciplinary environments.

Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PSOs

Students will have the ability to explore the design, installation & operation of the basic instrumentation systems used in industrial environments.

Students will have a strong foundation in mathematical, scientific & engineering fundamentals necessary to formulate, solve & analyze instrumentation problems related to industry & research.