



VOLUME II
ISSUE 4
AUGUST 2021

METRON

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION

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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

ATAL Sponsored FDP on "Virtual and Augmented Reality for Robotics"

Department of Electronics & Instrumentation Engineering conducted 5 days Faculty Development Program(online) on "Virtual and Augmented Reality for Robotics", sponsored by AICTE training and learning on 12th July 2021 to 16th July 2021. The program is Inaugurated by Mar Dr Joseph Pamplani, Auxiliary Bishop Thalasseri, & Chairman, VJEC. And Inaugural talk done by Dr. M. Manivannan, Professor, Touch Lab, Biomedical Engineering Group, Department of Applied Mechanics, IIT. The program was conducted with eighteen different topics with experts from different IITs and leading Institutions and industries. The FDP can provide an in-depth understanding of terminologies and the core concepts behind Virtual reality, architecture, virtual hardware and software, applications, and hands-on training using state of the art tools, and to equip the participant with the skills necessary to apply these tools and techniques to solve control problems in robotics. Dr. G Glan Devadhas, Vice Principal & HOD EIE, VJEC coordinated the development program. Dr. Christopher Ezhil Singh, Professor ME, VJEC was the Co-Coordinator this ATAL FDP.

PLACEMENT SUPPORTED COURSE ON POST GRADUATE DIPLOMA IN INDUSTRIAL AUTOMATION

Department of Electronics and Instrumentation Engineering is conducting a 25 days training program on PG diploma in industrial automation from 22nd July to 15th August 2021 for 2020-21 AEI students. The program was inaugurated on 22nd July 2021 by Rev. Fr. Pious Padinjaremuriyil (Administator VJEC). Mrs. ShamyA A, AP EIE welcome the gathering. Presidential address done by Dr. G Glan Devadhas, Vice Principal VJEC , HOD EIE. Key note address done Ilanchezian, Trainer from Sree technologies a franchisee of Prolific Systems & Technologies Pvt Ltd. Its a placement supported program, on 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/automation based companies.



FAREWELL TO FINAL YEAR STUDENTS

'*Au Revoir*' The farewell for Final year Electronics & Instrumentation students was given by the department of Electronics & Instrumentation on 11th June 2021, in online platform. In the program, Rev. Fr. Lazzar Varambakath & Dr. Benny Joseph (Principal) gave felicitation to the outgoing students. Dr. G Glan Devadhas Vice Principal, Dr. V Sampath Kumar, HOD EIE, Ms. Reshma K V Turor and all other department faculties were present in the event and they wished the students for their best futures. The students shared their four year experience in the college.



DEPARTMENT OF ELECTRONICS & INSTRUMENTATION WISH YOU A SUCCESSFUL FUTURE

STUDENTS ACHIEVEMENTS

VIMAL JYOTHI ENGINEERING COLLEGE DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Congratulations



SREEHARI
CGPA - 9.17



ROBIN JOSE
CGPA - 8.31



JIS MATHEW
CGPA - 8.12

VIMAL JYOTHI ENGINEERING COLLEGE DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Congratulations

**2017-21 BATCH TOPPERS - KTU EIGHTH
SEMESTER EXAMINATION**



SREEHARI
SGPA - 9.83



JIS MATHEW
SGPA - 9.25



ROBIN JOSE
SGPA - 9.17



VIMAL JYOTHI ENGINEERING COLLEGE
DEPARTMENT OF ELECTRONICS & INSTRUMENTATION
ENGINEERING

CONGRATULATIONS



Sneha Jose
SGPA : 9.87



Sebastian Jacob
SGPA : 9.65

TOPPERS OF S5 AEI UNIVERSITY EXAM

STUDENT PARTICIPATION

- Ms. Anamika C, Ms. Anusree K, Mr. Mahesh PG and Mr. Salvin Jose of S4 AEI selected for state level Evaluation YIP
- Mr. Justine George of S4 AEI completed TCS iON career Edge- young Professional Course
- Mr. Justine George of S4 AEI secured YoungWarrior-Summer Volunteering – Internship at YuWaah- India (UNICEF) through Intershala
- Mr. Mahesh PG of S4 AEI participated in second level Evaluation of Young Innovators Program conducted by K-DISC.
- Ms. Mhsufa, Ms. Karthika & Ms. Sneha Jose of S6 AEI Selected in second level Evaluation of YIP conducted by K-DISC.
- Mr. Pravav C of S7 AEI completed online course on Basics of Machine Learning provided by Great Learning Academy

FACULTY PARTICIPATION

- Dr. V. SampathKumar, Ms. Reshma KV, Ms. ShamYa A, Mr. Shinu M M, Mr. Dhanoj M, Ms. Jinsa Mathew and Mr. Thomas M S participated ATAL Sponsored online FDP on Virtual & Augmented Reality from 12th July to 16th July 2021 conducted by Vimal Jyothi Engineering College.
- Mr. Jollykutty Sebastian participated ATAL sponsored online FDP on Advances in Earthquake Engineering From 26th July to 30th July 2021 conducted by LBS college of Engineering, Kasaragod
- Ms. Reshma K V attended IEEE sponsored 3 days workshop on "Research Methodology from 2nd June to 4th June 2021 conducted by ANNAI VAILANKANNI COLLEGE OF ENGINEERING, Kanyakumari.
- Ms. Jinsa Mathew Participated in 10 hours online workshop on CS50 for Educator held 17th July – 18 July 2021 conducted by Harvard University – Continuing Education Division.
- Ms. Jinsa Mathew Participated online FDP in Innovation, Incubation, Startup & Research Challenges in India Organized by SRM institute of Science & Technology on 28th June to 2nd July 2021

Selected for KTU CERD FUNDING

Road Safety & Navigation, a Student project of Mr. Robin Jose & Ms. Jiss Mathew of S8 AEI students Duided by Dr. G Glan Devadhas Vice Principal VJEC , selected for KTU CRED funding.



Dr. G Glan Devadhas



Robin Jose



Jiss Mathew

BID ADIEU TO DR. V SAMPATHKUMAR



Bid Adieu to Dr. V. Sampathkumar, Professor & HOD, EIE department. The Department of Electronics & Instrumentation Engineering wishes him all success in his future endeavour

UPCOMING EVENT

VIMAL JYOTHI ENGINEERING COLLEGE
DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

Webinar on OPPORTUNITIES in INSTRUMENTATION ENGINEERING

14/08/2021 @05:30pm

Resource persons

- Mr. Akhil Jose
Technical Lead
KPIT Technologies (Industry expert)
- Mr. Akhil KJ
Project Proposal Engineer
Yokogawa India Ltd(Alumni of EI Dept)
- Mr. Jerlin Joykutty
Instrumentation Specialist
Gulf Pharmaceutical industries
(Alumni of EI Dept)

Contact
Mr.Dhanoj M
9446403312
Mr.SHINU MM
9496986217

For Registration



<https://forms.gle/j7Nx8aycC2V39R2LA>
Last date:13/08/2021

A Webinar for Engineering Aspirants and Their Parents



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



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