



VOLUME 10
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METRON

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION

INSIDE THIS ISSUE

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

DONATED ROBOT NIGHTINGALE 19 & PEDAL OPERATED SANITIZER DISPENSERS

Vimal Jyothi is continuing its commitment in fighting COVID-19. Rev.Fr.Pious Padinjaremuril, Asst. Manager, VJEC handed over our fifth Robot in the Nightingale- 19 series to Dr. Kuriakose, Principal, Govt. Medical College, Kannur (Pariyaram) on 1st August 2020. This robot is sponsored by first batch alumni (2002-2006) under the leadership of Mr. Praviljith Pathra Valappil. Rev.Fr.Pious Padinjaremuril, Asst. Manager, handed over 15 numbers of pedal operated sanitizer dispensers, sponsored by Mr.Jubin Elayanithottathil, VJEC alumnus to the medical college tomorrow. The research team under the leadership of Dr. T D John (Professor, Department of Mechanical Engineering and Dean Research, VJEC), Dr. V Sampathkumar (Professor and Head, Department of Applied electronics and instrumentation) & Mr.Sunil Paul (Associate Professor, Department of Mechanical Engineering) designed and fabricated Nightingale-19 & sanitizer dispensers.



“A good scientist is a person with original ideas. A good engineer is a person who makes a design that works with as few ideas as possible. There are no prima donnas in engineering.”

- Freeman Dyson



Stay Home,
Stay Safe

STUDENT PARTICIPATION IN OUTSIDE

➤ **Mahesh PG, and Anusree K of S3 AEI participated- Re-hack by IncubateIND- 21st to 22nd august**

Webinar on “How to build career during Covid -19”

Department of Electronics and Instrumentation conducted a webinar on “How to build career during Covid -19 “on 19th September 2020 for all students of the department. The session is handled by Mr RAMKUMAR.V., ENDEAVOR CAREERS BANGALORE.

PERENNIAL FUND FOR PARTICIPATING INSTITUTES OF UBA

A Perennial fund award of Rs. 1,75,000- has been awarded to our college and we are among the 78 Participating Institutes of UBA receiving the fund. The award is given to those institutions implementing the UBA programs in an effective manner i.e., participating in Gram Sabhas, Preparing Village Development Report, technical interventions for the holistic development of the adopted villages.

The programs were conducted under the leadership of Dr. T D John (Professor, Department of Mechanical Engineering and dean research, VJEC) and Dr. V.Sampath Kumar, HOD, AEI. Vimal Jyothi can now supply and install Copra/Rubber dryer to 5 adopted villages with the amount sanctioned.

OMRON e-Learning

Department of Electronics & instrumentation engineering conducting **OMRON e-Learning program** to all students in the department, as a part of technical skill development. OMRON e-Learning consist features more than 50 introductory courses covering general knowledge of factory automation components, specially designed to address challenges in factory automation in a reliable, scalable and cost-effective way. 60 students of the department register and doing OMRON e-Learning course under the guidance of Dr. V Sampathkumar and respective tutors of S3, S5 and S7 class.

FACULTY CORNER

FDP ATTENDED

- Ms. Shamyaa attended ATAL FDP on "3D Printing & Design" organized by sathybhama institute of technology from 24 aug to 28 aug 2020
- Mr. Shinu M M attended One week(6 days) AICTE Sponsored Online Short Term Training Program on "INTRODUCTION TO ELECTRIC VEHICLES; OPPORTUNITIES AND CHALLENGES - CASE STUDY" organized by Department of Electrical and Electronics Engineering of SAINTGITS College of Engineering, Kottayam from 3rd August 2020 to 8th August 2020.
- Ms. Jinsa Mathew attended online Faculty Development Programme on RECENT TRENDS IN PRODUCT DEVELOPMENT organized by the DEPARTMENT OF MECHANICAL ENGINEERING, JYOTHI ENGINEERING COLLEGE, THRISSUR, aug 10th to aug 16
- Ms. Shamyaa A attended ATAL FDP on control system and sensor technology on 21-09-20 to 25-09-20 at IIT nagpur.

WEBINAR ATTENDED

- Ms .Shamyaa A attended webinar on digitalization in power system on 8/8/2020
- Ms Shamyaa A attended webinar on Use of LMS, Virtual teaching and OBE software for Engg colleges
- Ms. Jinsa Mathew webinar on How to build career during Covid -19 on 19/9/2020

WORKSHOP ATTENDED

- Ms. Shamyaa A attended Two day online workshop on Art of technical writing organized by jyothis engg college

COURSE COMPLETED

- Der. V Sampathkumar has successfully completed three months distance learning GENERAL COURSE ON INTELLECTUAL PROPERTY by WIPO

CONGRATULATING TOPPERS IN B.ECH APPLIED ELECTRONICS AND INSTRUMENTATION

KTU 2016-20 BATCH



B.TECH HONORS- DEGREE HOLDERS



Ms. Drishya K



Mr. Joyal Joy

POs and PSOs of Department

engineering knowledge
problem analysis
design/development of solutions
conduct investigations of complex problems
modern tool usage
the engineer and society
environment and sustainability
ethics
individual and team work
Effective COMMUNICATION
communication
project management and finance
life-long learning

THE 12 PROGRAM OUTCOMES



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