



VOLUME 10

ISSUE 2

APRIL 2020

# METRON

## DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION

### 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

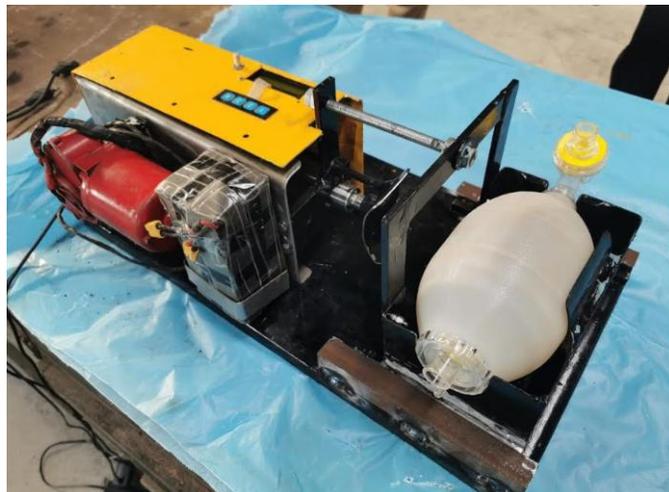
To prepare the students to envisage beyond the hypothetical thinking & belong to a new era of acquisition & application of Instrumentation Technology to meet the requisition of the changing world

### INSIDE THIS ISSUE

- ✓ Development of mini-portable ventilator-  
Page 1
- ✓ Charity Pilgrim- Page 2
- ✓ First Phase of PGDA-  
Page 2
- ✓ PTA Meeting- Page 3
- ✓ Workshop on Arduino Programm- Page 3
- ✓ Congratulations- Page 3
- ✓ Pakalpooram2020-  
Page 4

## DEVELOPMENT OF PORTABLE MINI VENTILATOR

With the Technical knowledge to boost the efforts to contain the COVID-19, Three students of Electronics & Instrumentation Engineering developed mini- Ventilator model that could serve as portable breathing assistant to support patients with respiratory problems. Mr. Aswin Sudhan, Mr. Athul Prasanth and Mr. Febin J Nalappattu developed the idea with the guidance of Dr. V Sampath Kumar, Prof. EIE. The model is selected as one of best idea among the best five selected colleges among the 34 participated colleges under APJ Abdul Kalam Technical University, evolving solution for challenges thrown by KTU to migrate the prevailing crisis in accordance with the criteria recommended by expert at SCTIMST.



## WORKSHOP

---

- All Faculty of EIE department attended 2 day workshop on Outcome Based Education at Vimal Jyothi Engineering College on 29<sup>th</sup> February & 1<sup>st</sup> March 2020



## STUDENT PARTICIPATION IN OUTSIDE

---

- Mr. Aljo John, Mr. Aswin J Prasad & Mr. Aswin Thomas of S2 AIE attended a workshop at NSS college of engineering Palakkad
- 8 students of S4 AEI participated on Techfest at Thalassery Engineering College

## CHARITY PILGRIM

Vimal Jyothi Engineering College conducted CHARITY PILGRIM visit as part of community oriented program on 15<sup>th</sup> February 2020. The ultimate aim behind the event is to inculcate sharing mind among upcoming engineers towards the socially, mentally & physically challenged people lives around our society. 20 students and Tutors of first year Applied Electronics & Instrumentation Engineering visited Oldage Home at Karunapuram, Alakode along with first year EEE students and tutors. The students were fully enjoyed and satisfied with charity visit.



## FIRST PHASE OF PLACEMENT ORIENTED PGDA

First phase of Placement oriented PGDA program by Sree Technologies conducted from 11<sup>th</sup> February to 15<sup>th</sup> February 2020 for final year students of Applied Electronics & Instrumentation Engineering. 17 students of the EIE department participated on the training program. Mr. Abdule Latheef, Assistant Professor, EIE co-ordinated the training Programm in connection with the placemet of the department.



## PTA MEETING

The first PTA Meeting of this semester was conducted from 25th and 26th February 2020 for 2<sup>nd</sup> and 4<sup>th</sup> semesters. The Principal Dr. Benny Joseph gave the welcome speech. In his speech he mentioned the need and importance of conducting PTA meetings and of interaction of parents with teachers. HODs from various departments addressed the parent. The top performing students in the first series exam, from each class were honored with prizes. A session exclusively for parent-student-faculty interaction was also held.



## WORKSHOP ON ARDUINO PROGRAMMING



Department of Electronics & Instrumentation conducted one day workshop on Arduino Programming for First year Applied Electronics & Instrumentation students on 9<sup>th</sup> March 2020. Mr. Shinu M M, Assistant Professor EIE, was the Resource person. Ms. Jinsa Mathew, Assistant Professors EIE co-ordinated the workshop.



CONGRATULATIONS

FOR SELECTING THE MODEL OF  
PORTABLE MINI VENTILATOR



Dr. V Sampath Kumar



Mr. Aswin Sudhan



Mr. Athul Prashanth



Mr. Febin J Nalappattu

# PAKALPOORAM 2020

The annual Arts Fest of Vimal Jyothi Engineering College, 'PAKALPOORAM-2020' was conducted on 10<sup>th</sup> February 2020



## 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	 communication	 project management and finance	 life-long learning

### THE 12 PROGRAM OUTCOMES



**EDITORIAL BOARD**  
 Staff Incharge: Jinsa Mathew  
 Staff Editor: Divya K  
 Student Editor: Aswin Achandh T P