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CET-Oxymonitor : Pulse Oximeter developed by College of Engineering Trivandrum handed over to the Kerala Health Department

During covid pandemic second wave, Kerala was experiencing an acute shortage of pulse oximeters. On May 6, 2021, the College of Engineering Trivandrum received the request from the Regional Cancer Center Trivandrum for developing pulse oximeters on a war footing. On August 3, 100 CET-Oxymonitors were handed over to the Hon. Health Minister Smt. Veena George by the Principal Dr Jiji C.V. The devices would be deployed in Government General Hospital, Trivandrum and other health care facilities. Several alumni worked in sync with a team led by Dr Jiji C.V. (Principal) and Prof. Jayakrishnaraj G. (HoD, Electronics Communication Engg.). Other faculty members of the development team are Dr Santhoshkumar S. (Dean Research), Dr Biji Jacob, Dr James T.G., Dr Binu L.S., Prof.Ajith R.R., Prof.Joaquim Ignatious Monteiro, Prof. Lalu V., Dr Vikas V.K., Prof.Shafeek M. and Mr Joy P.(Workshop Instructor, ECE).



Technical events

SC CET Conducted a workshop on the topics "C++ programming" and an orientation program for freshers "Incepto" on 11th December 2021 and 21st November 2021 respectively. Google Developer Students club organised Hands-on Workshop on 'Embark: Introduction to ML' by Sambhu Nampoothiri, Nandakishor Pai, Rohith Chivukula, AI/ML Team and 'Introduction to Python' by Amrita A. Nair, Nandu Sankar M. Warriar, GDSC Lead, CET on 17th and 12th December 2021.

CSI-InApp 2021 Winners

The objective behind the establishment of the CSI-InApp Awards is to provide a challenging and creative ground for students to showcase their skills in a software environment. The Honorable Governor of Kerala, Shri. Arif Mohammed Khan presented the 10th CSI-InApp Awards for Student Projects to teams from Sarvajani College of Engineering Technology, Gujarat; Rajagiri School of Engineering, Kerala; and College of Engineering, Trivandrum, Kerala. College of Engineering Trivandrum won second prize on the topic "Object Detection In Poor Visibility Environments" and Sri Arif Mohammed Khan, Honorable Governor of Kerala handed over the prize to the Winners. The Award Ceremony conducted at 12:30 pm on 20th October 2021, at the Raj Bhavan, Trivandrum.



Non-Technical events

CET BBC club Celebrated 1st Foundation day and the chief guest was Basil Joseph, Indian Film Director, Scriptwriter, and actor on 30th October 2021. CET BBC club Conducted career guidance for senior school students Choice'21 and also LeapFrog, a communication development session as part of Choice'21 for class 10th students of government THS School Trivandrum and a Career Guidance session 'Route Map' for Class 10 passed students of Govt. THS school Sreekaryam, Trivandrum on 7th and 14th August 2021.

Ph.D Awarded

In 2021, six students of this the department was awarded PhD degree. Dr Sreeni K.G. supervised the research work of Ms Swapna p.s., Assistant Professor, Mar Baselios College of Engineering Technology Trivandrum on the topic "Resource Allocation in OFDMA Systems for Joint Uplink/Downlink Directions" on August 2021. Dr Shiny G. supervised the research works of Mr Ramu R. Mr Viswanath Rao on the topics "Real-Time Assessment of Cardiac Patients Through Telemedicine" and "Enhancing the Throughput of Wireless Sensor Networks with Energy Harvesting" respectively on September 2021. Dr N Vijayakumar supervised the research works of Mr Sandeep C.S. on the topic of "Early Diagnosis of Alzheimer's Disease Using Image Analysis and Soft Computing Techniques" in October 2021. Dr Suresh Babu V. supervised the research works of Ms Nisha Jose K. and Ms Fatima Rasheed J. in October 2021.