

December 2020

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Phycoscrapper : An Innovation in Data Collection of Terrestrial Algae – CET and Catholice College sign MoU

In a move that may signal a pivotal change in the scientific data collection pertaining to terrestrial algae, College of Engineering Trivandrum signed a Memorandum of Understanding with Catholice College, Pathanamthitta to scale up the research and development of Phycoscrapper, an app-controlled research instrument that can be used for the study of terrestrial algae. The MoU was signed by the heads of the institutions Dr.Jiji C.V. and Dr.Philipose Omman.Earlier, the team from CET with relevant inputs from the team at Catholice College had developed an initial prototype of the instrument for the Phycotechnology Lab of Catholice College. The current MoU will gear up the development of the Phycoscrapper for various research studies initiated by the Lab and other similar research organisations.The project was led by Dr. Rajeev Rajan (CET,TVM), Dr. Binoy T Thomas and Dr. Thomas V P (Catholice College,Pathanamthitta) and supported by a team of B.Tech students of CET Ananya Ayasi, Parvathy S Varma, Jacob Joshy, Aswin Manoj, Surabhi S, Stephin Thomas and Merin Ann Ninan (Catholice college, Pathanamthitta).



Non-Technical events

CET BBC club was lunched on 30th October 2020 in the presence of esteemed guests like Mr. Manoj Vasudevan and Dr, Divya S Iyer IAS. The club Conducted an orientation for Pre placement drive by Mr Murugesh Ramiah, President, Career Launcher, Alumnus IIM Calcutta, and Mr Arks Srinivas, Founder CEO, CG Institute, Alumnus CET on 3rd November 2020.

University Rank Holders

Top 6 KTU ranks in the Btech degree (AEI branch) were secured by the students of this department :- Rank 1: Sainab Sha, Rank 2: Geethumol A G, Rank 3: Drishya Damodaran, 4: Ajmal Rahman I, 5: Sharon Mary Thomas, 6: Veena V. Other University Ranks in this department is: Anjana Padmanabhan (Rank 9) KTU Second and sixth rank in the Btech degree (ECE branch) were secured by the student of this department Abhijith G and Mathew Philip respectively.



Ph.D Awarded



In 2020, One of our faculty member was awarded Ph.D Degree:- Ms.Anitha Edison Under the supervision of Dr. Jiji C.V. From College of Engineering Trivandrum on July 2020. Four students of this department were also awarded Ph.D degree. Ms.Blossom Treasa Bastian under the supervision of Dr. Jiji C. V. on the topic 'Study and Investigation on Appropriate Feature Sets for Detecting Objects in Images'on August 2020. Ms.Smitha P S under the supervision of Dr. Shiny G on the topic 'Investigations On Hybrid Energy Storage Systems For Renewable Energy' on October 2020. Ms.Jisa David under the supervision of Dr. Ciza Thomas on the topic 'Information Theoretic Approach to Distributed Denial of Service Attack Detection' on December 2020.Ms. Beena A.O. under the supervision of Dr. N. Vijayakumar completed her thesis on June 2020.

Department Vision

To transform young students into responsible and competent professionals with focus on dissemination of knowledge in the sphere of Electronics, Communication and Instrumentation Engineering.