



## PRINCIPAL'S MESSAGE

World Wetland Day, celebrated annually on 2 February, aims to raise global awareness about the vital role of wetlands for people and planet. This day also marks the date of the adoption of the Convention on Wetlands on 2 February 1971, in the Iranian city of Ramsar. (<https://www.unep.org/>) Nearly 90% of the world's wetlands have been degraded since the 1700s, and we are losing wetlands three times faster than forests. Yet, wetlands are critically important ecosystems that contribute to biodiversity, climate mitigation and adaptation, freshwater availability, world economies, and more. It is urgent that we raise National and Global awareness about wetlands in order to reverse their rapid loss and encourage actions to conserve and restore them. Loss of wetland is a problem even in the local context at our State level and District level. In Kerala the wetlands act as habitats for the migratory birds. Wetlands serve as the buffer zone for flood water. Rapid urbanization, urban migration, conversion of wetlands and farm lands for economic and domestic purposes accelerate the degradation and eventually leading to unprecedented problems in the city areas. Let the Engineering Will exert the pressure on the State to rejuvenate the wetlands to enable sustainable development.

**Dr. Abraham T Mathew**

## HANDS ON SESSION ON "INTRODUCTION TO FastAPI AND GraphQL"

Department of Computer Science and Engineering in association with CSI Trivandrum Chapter and Trivandrum Python Community organized an online hands-on session on "Introduction to FastAPI and GraphQL" from 17 to 19 January 2024. Third semester CT students and members of CSI and Trivandrum Python Community participated in these sessions. The Resource Person was **Mr. Jothir Adithyan**, Product Engineer, UST. Faculty Coordinator: **Dr. Neena Raj N. R.** Student Coordinators: **Aadithya S. L.** and **Ashvin P. Kumar (S3 CT).**

**Vision:** To be an Institution moulding globally competent Professionals as epitomes of Noble Values.

**Mission:** To transform the Youth as technically competent, ethically sound and socially committed professionals, by providing a vibrant learning ambience, for the welfare of humanity.

## ALUMNA ACHIEVEMENT



**Meenakshi M. L.** (Alumna ECE), 1st Runner up in the Music Competition organized by Zee TV (Keralam).

## FROM TEACHER TO TEACHER PLUS



TLC MBCET organized the Programme "FROM TEACHER TO TEACHER PLUS" on 29 and 30 January 2024 at Pascal Hall, CSE Department. The sessions were handled by **Dr. Thomas Abraham** (Founder, Butterfly Foundation). About 18 Faculty Members from various departments participated in the 2 day workshop. Faculty coordinators: **Dr. Tessy Mathew**, **Dr. Veena Nair**.

## IET



The IET KKLN Installation Ceremony took place on Monday, 29 January 2024, at Senatus Hall. The event commenced with a Welcome and Presidential Address delivered by **Dr. A. Lenin Fred**, Chairman of IET KKLN, followed by the Chief Guest Address by **Dr. Abraham T. Mathew**, Principal, MBCET. Subsequently, **Dr. Lalin L. Laudis**, Treasurer, IET KKLN, extended felicitations, and **Dr. S. Sreeja**, Joint Secretary, IET KKLN, expressed the Vote of Thanks.

**Dr. Soumya A. V.**, Secretary, IET KKLN, meticulously planned the KKLN events for the year 2024, while **Er. Geoffer Jaish**, Chairman, IET KKLN YP, curated the Young Professionals' events for the same period. A technical talk on the theme "**Powering Tomorrow: Navigating the Horizon of Nuclear Energy**" was delivered by **Mr. Bobin Saji George**, Assistant Professor, MED, MBCET.

The ceremony concluded with a meeting among the new Office Bearers of IET KKLN at the Dinette Hall.

## FACULTY AS SUBJECT EXPERT

**Dr. Nidhi M. B.**, Professor, MED served as visiting faculty at Entrepreneurship Development Institute of India (EDII) Ahmedabad as Expert in Supply Chain Management Vertical during 09 to 12 January 2024.

## FDP ATTENDED

- Mr. Niyas K. Haneefa**, **Mr. H. Aravind Sarma**, Asst. Professors, Dept. of ECE attended five days online FDP on "**Research trends in AI Innovation and Solutions for Contemporary Challenges**" organized by Saveetha Engineering college, Chennai from 22 to 27 January 2024.
- Dr. Nidhi M. B.**, Professor, MED attended a 5-day online Faculty Development program on '**Advances in Graphene Science and Technology**' organised by Department of Mechanical Engineering, College of Engineering (CET), Trivandrum during 15 to 19 January 2024.

## COURSE COMPLETED

**Dr. Dishore S. V.**, Assistant Professor, EED completed a course in '**Simulation of a Single-Phase Half Bridge and Full Bridge Inverter using MATLAB**' and got certified by Infosys Springboard.

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## PUBLICATIONS

- Praveen Raj R. S., Joseph Sarojini Savier**, "A Flexible Islanding Identification Technique for PV based Grid-tied Systems", International Journal of Power Electronics and Drive Systems (IJPEDS), Vol. 15, No. 1, March 2024, pp. 180~191 ISSN: 2088-8694, DOI: 10.11591/ijpeds.v15.i1.pp180-191.
- Dr. Dishore S. V.**, Assistant Professor, EED published a Scopus Indexed book chapter entitled "**Regulated and Deregulated Control of a Pseudo Pancreas Using an Inflated Ant Colony Optimization Technique**" in the Springer Book series, Lecture Notes in Electrical Engineering (LNEE, volume 1117), Electronic ISSN 1876-1119.

## FACULTY FELICITATED



**Dr. Nidhi M. B.**, Professor, MED was felicitated by Indian Institution of Industrial Engineering (IIIE) Trivandrum Chapter for her achievements and contributions during 2023 on the Foundation Day celebration at IIIE TVM chapter on 27 January 2024.

## FACULTY PROMOTIONS

**Dr. Rajesh T. N.** and **Dr. Nidhi M. B.** have been promoted as Professor; **Dr Premchand V. P.** has been promoted as Associate Professor; **Ms. Ruby Maria Syriac** as Assistant Professor (Senior Grade); from the ME Department.

## PLACEMENT DETAILS

- The Tata Elxsi offered placement to the following students 1)**Aaron Byju Samuel**, CSE 2)**Adith V**, ECE 3)**Ann Mary Jose**, CSE 4)**Arjun H**, CSE 5)**Bharath Sundaram**, CSE 6)**Dilshan Dileep Shyni**, CSE 7)**Gautham G B**, ECE 8)**Josh Danny Alex**, CSE 9)**Krishna Prasad S R**, CSE 10)**Madhav Santhosh**, CSE 11)**Malavika Bysakh**, CSE 12)**Meghna R Nair**, CSE 13)**N S Adwaith**, EEE 14)**Nandana B Nair**, CSE 15)**Noel John Robert**, CSE 16)**Reuben Roy Vargis**, CSE 17)**Reuben Vinod Varghese**, CSE 18)**Rohaana Renu John**, CSE 19)**Samuel S V**, CSE 20)**Saravan A D**, CSE 21)**Shalin Sara Jacob**, ECE
- The following students got placed at Signify with a salary package of 11 LPA 1)**Abhijeet J Kartha**, CSE 2)**Ben George Netto**, CSE 3)**Gopal S**, CSE 4)**Medlyn Sairah Jacob**, CSE 5)**Midhun Padmanabhan A**, CSE 6)**R Sreelekshmi**, CSE 7)**Rohaana Renu John**, CSE

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