



# AICTE SPONSORED INTERNATIONAL CONFERENCE

ON RECENT TRENDS IN  
ENERGY, ENVIRONMENT,  
SCIENCE AND TECHNOLOGY

## THEME:

Emerging Technologies for a Greener Tomorrow:  
Exploring Innovations in Energy, Environmental  
Science, and Technology

**07 - 09  
MAY 2025**

Organized by

**UKF College of Engineering and Technology**  
Parippally, Kollam, Kerala, India. Pin: 691302

Sponsored by



**KSHEMA.**  
Dependability: end to end.



[www.ukfcet.ac.in](http://www.ukfcet.ac.in)

## INTERNATIONAL CONFERENCE ON RECENT TRENDS IN ENERGY, ENVIRONMENT, SCIENCE AND TECHNOLOGY

(CREEST – 2K25)

The International Conference on Recent Trends in Energy, Environment, Science and Technology is a premier global event that gathers leading experts, researchers, policymakers and practitioners to explore and discuss the latest advancements in energy, environmental sustainability, science and technology. This conference is a critical platform for fostering collaboration and knowledge sharing among those committed to addressing some of the most pressing challenges facing our world today.

### Objectives of the Conference

Knowledge Exchange	: Share research, technology and best practices.
Interdisciplinary Collaboration	: Foster dialogue across disciplines.
Policy and Practice	: Translate science into policy and actionable strategies.
Global Perspective	: Share international ideas and experiences.

### ORGANIZING COMMITTEE

#### Chief Patrons

**Dr. S. Basant**  
Chairman, UKFCET

**Smt. Amritha Prasobh**  
General Secretary, UKFCET

#### Patrons

**Prof. Jiby Varghese**  
Executive Director, UKFCET

**Prof. (Dr.) Jayaraju Madhavan**  
Principal, UKFCET

**Prof. (Dr.) E G. Sarma**  
Deputy Director, Academics &  
Chairman, Curriculum Committee,  
UKFCET

**Prof. (Dr.) V N. Aneesh**  
Vice-Principal, UKFCET

**Dr. Reshmi Krishna Prasad**  
Dean (Academics), UKFCET

#### Conference Chair

**Dr. E. Arun**  
Dean (Research) & HoD, CSE

#### Conference Convenor

**Dr. Sreeja P.**  
HoD, EEE

**Convenor Cum Treasurer**  
**Prof. Jithin Jacob**  
Vice Principal, UKF Polytechnic

**Dr. Jayanthi L S.**  
Associate Dean (Research)

**Advisory Committee**  
**Dr. Lethakumary B**  
Dean (Academics), UKFCET

**Dr. M. Nazeer**  
HoD, CE

**Dr. Mohammed Sajid N K.**  
HoD, ME

**Dr. Neethu Raj**  
HoD, ECE

**Prof. Priya R S.**  
HoD, H&S

**Dr. Shahsada A S.**  
Dean & Controller of Examinations

### IMPORTANT DATES

Paper Submission Opens	: 31.01.2025
Paper Submission Deadline	: 25.04.2025
Acceptance Notification	: 27.04.2025
Camera-Ready Submission Deadline	: 01.05.2025
Participant Registration Ends	: 03.05.2025
Conference Date	: 07th – 09th May 2025

SCAN



## NATIONAL ADVISORS

- **Dr. Biju K.**  
Assistant Director, APJ Abdul Kalam Technological University
- **Dr. Devendra Jangiti**  
Assistant Professor, Department of Mathematics, GITAM School of Science, Bangalore
- **Dr. Sharef Basha S.**  
Associate Professor, Department of Mathematics, VIT Vellore
- **Dr.E. Sivasankar**  
Associate Professor, Department of Computer Science and Engineering, NIT Trichy
- **Dr. Annappa**  
Professor, Department of Computer Science and Engineering, NITK (Surathkal), Karnataka
- **Dr. T J. Sarvoththama Jothi**  
Associate Professor, Department of Mechanical Engineering, NIT Calicut
- **Dr. Dibakar Rakshit**  
Professor, Department of Energy Science and Engineering, Indian Institute of Technology, Delhi (IIT Delhi)
- **Dr. Raghu C V.**  
Assistant Professor, Department of Electronics and Communication Engineering, NIT Calicut
- **Dr. D. Nirmal**  
Associate Dean of Engineering and Technology & Head of Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, Coimbatore
- **Dr. Gopinatha Nayak**  
Professor, Department of Civil Engineering, MIT MAHE, Manipal
- **Dr. S. Mageshwari**  
Professor, Department of Electrical and Electronics Engineering, NIT Trichy.
- **B. Subba Reddy**  
Chief Research Scientist, IISc Bangalore
- **Dr. Shereef R M.**  
Professor, Department of Electrical and Electronics Engineering, College of Engineering, Trivandrum

## INTERNATIONAL ADVISORS

- **Dr. P. Mohamed Shameem**  
Deputy Academic Dean, Department of Computing and Engineering, University of West London
- **Dr. Mohd Rafi Adzman**  
Associate Professor, Faculty of Electrical Engineering and Technology, University Malaysia Perlis (UniMap), Malaysia
- **Dr. Md Rabiul Islam**  
Senior Lecturer, School of Electrical, Computer, and Telecommunications Engineering, University of Wollongong, Australia.
- **Dr. Vijayan K. Asari**  
Professor in Electrical and Computer Engineering, Director, University of Dayton
- **Dr. Sarun Kumar Kochunni**  
Post-Doctoral Fellow, Department of Energy and Process Engineering, Norwegian University of Science and Technology, Norway
- **Dr. Nandiraju Naga Maruthi Kumari**  
Associate Professor, Higher College of Technology, Sultanate of Oman



## FOR CONFERENCE STREAM DETAILS



SCAN HERE



[ukfcet.ac.in/education4.0/conference](http://ukfcet.ac.in/education4.0/conference)



[conference@ukfcet.ac.in](mailto:conference@ukfcet.ac.in)



**UKF COLLEGE**  
OF ENGINEERING & TECHNOLOGY  
Parippally, Kollam  
*Learning to succeed*

# INTERNATIONAL CONFERENCE ON RECENT TRENDS IN ENERGY, ENVIRONMENT, SCIENCE AND TECHNOLOGY

07 - 09 MAY 2025



## CALL FOR PAPERS

The authors are requested to submit their original research papers on the listed tracks and allied areas. Papers accepted and presented at the conference will be published in conference proceedings CREEST-2025. Extended version of the papers will be published in Scopus indexed and UGC approved Journals with additional publication charges. At least one of the authors of each accepted paper must register for the conference.

## MANUSCRIPT SUBMISSION GUIDELINES

Authors are invited to electronically submit their unpublished original research contributions in IEEE format for the conference through the website. The maximum number of pages, including references, allowed is twelve. All submissions will be thoroughly double-blind reviewed by experts based on originality, significance and clarity. Authors may download the template from the conference website.

## CONTACT DETAILS

- |                      |                     |                  |
|----------------------|---------------------|------------------|
| • Dr. Sreeja P.      | hodeee@ukfcet.ac.in | +91 – 9562262233 |
| • Dr. Arun E.        | hodcse@ukfcet.ac.in | +91 – 9443595337 |
| • Prof. Jithin Jacob | jj@ukfcet.ac.in     | +91 – 9526109997 |



[ukfcet.ac.in/education4.0/conference](http://ukfcet.ac.in/education4.0/conference)



[conference@ukfcet.ac.in](mailto:conference@ukfcet.ac.in)



UKF College of Engineering and Technology  
Parippally, Kollam, Kerala, India. Pin:691302

## LEAD DISCUSSANTS



### Mr. D. Dilip Kumar

Senior Vice President, HCL Technologies, Chennai



### Dr. P. Mohamed Shameem

Deputy Academic Dean, Department of Computing and Engineering, University of West London.



### Dr. Vijayan K. Asari

Professor in Electrical and Computer Engineering Director, University of Dayton.



### Dr. B. Subba Reddy

Chief Research Scientist, Department of Electrical and Electronics Engineering, IISc Bangalore.



### Dr. Nandiraju Naga Maruthi Kumari

Associate Professor, Department of Mathematics, Higher College of Technology, Sultanate of Oman.



### Dr. Easwaran Krishnan

R&D Associate, Department of Mechanical Engineering, Oak Ridge National Laboratory, Tennessee, USA.



### Prof. Vinu Unnithan

Professor, Department of Civil Engineering, West Texas A&M University, USA.



### Dr. Biju K.

Assistant Director, APJ Abdul Kalam Technological University, Thiruvananthapuram.



### Dr. Raghu C V.

Assistant Professor, Department of Electronics and Communication Engineering, NIT Calicut.



### Dr. S. Arumugham

Adjunct Professor, Department of Humanities and Science, Ramco Institute of Technology, Tamil Nadu.



### Dr. Gopinatha Nayak

Professor, Department of Civil Engineering, Manipal Institute of Technology, Mahe, Manipal.



### Ms. Ravita Lamba

Assistant Professor, Department of Hydro and Renewable Energy, Indian Institute of Technology, Roorkee.



**UKF COLLEGE**  
OF ENGINEERING & TECHNOLOGY  
*Learning to succeed*

NATIONAL BOARD  
OF ACCREDITATION  
CE | CSE | EEE  
BRANCHES ACCREDITED