

## ORGANIZING COMMITTEE

### CHIEF PATRONS

**Dr. P. Suyambu**

Founder and Chairman, PSN Group of Institutions

**Dr. T. Rugmony Suyambu**

Correspondent, PSN Group of Institutions

**Er. P. S. Jeyalakshmi**

**Er. P. S. Jegannath**

**Er. P. S. Jayaram**

Vice Chairpersons, PSN Group of Institutions

### PATRONS

**Dr. P. Selvakumar**

Executive Director, PSNCET

**Dr. S. P. Umayal**

Principal, PSNCET

### CONVENOR

**Dr. P. Pitchandi**

Head, School of Basic Engineering and Sciences

PSN College of Engineering and Technology

Tirunelveli-627152

### COORDINATORS

**Dr. R. Varadhaseshan**, Associate Professor

**Dr. P. Rameshkumar**, Assistant Professor

SOBES, PSNCET

### ORGANIZING COMMITTEE MEMBERS

Dr. Amirdha Sher Gill, Professor/Physics

Dr. D. Kodimunthiri, ASP/Chemistry

Dr. K. Ananthi, ASP/Mathematics

Dr. D. V. Sharmila Kumari, ASP/Chemistry

Dr. W. Anbu Durai, AP/Chemistry

Ms. S. Selvarethna, AP/Mathematics

Ms. G. Annamathi, AP/Chemistry

Mr. R. Anbarasan, AP/Mathematics

Dr. G. Vishma George, AP/Mathematics

Dr. B. Malathi, AP/Mathematics

Mr. A. Joseph Savarinathan, AP/English

Ms. M. Sajeena, AP/English

## PLENARY SPEAKERS

**Dr. A. Pandikumar**, Senior Scientist, CSIR-CECRI, Karaikudi

**Dr. M. Mahendran**, Professor, Thiagarajar College of Engineering, Madurai

**Dr. G. Ramasamy**, Associate Professor, Annamalai University (In deputation Govt. Arts College, Gudiyatham)

## THRUST AREAS

Materials for Engineering Applications

Solar Energy Conversion

Clean Hydrogen Production

Batteries and Supercapacitors

Computational Chemistry

Mathematical Modelling

Algebraic Graph Theory

Artificial Neural Network

Chemical Physics

Mathematical Physics

Modern Production Process

Nanotechnology and Application

Theoretical Physics

Wireless Communication

## NATIONAL ADVISORY COMMITTEE

Dr. R. Srinivasan, Scientist, TIFR, Bombay

Dr. A. Pandikumar, Senior Scientist, CSIR-CECRI, Karaikudi

Dr. R. Justin Joseyphus, Professor, NIT, Trichy

Dr. K. Senthilkumar, Associate Professor, NIT, Meghalaya

Dr. C. Ramalingam, Professor, Kalasalingam University

Dr. G. Ramasamy, Associate Professor, Annamalai University

Dr. G. Maduraiveeran, Associate Professor, SRMIST, Chennai

Dr. J. Ravi Sankar, Associate Professor, VIT University, Vellore

Dr. S. Arunachalam, Associate Professor, Saveetha University

Dr. M. Radhakrishnan, Associate Professor, SRMIST, Chennai



**PSN College of Engineering and Technology**  
**(Autonomous)**

*(AICTE Approved-Anna University Affiliated-UGC  
Recognized-ISO Certified Institution)*

**National Conference on Emerging  
Trends in Materials Science and  
Technology**  
**(ETMST-2K25)**

**16<sup>th</sup> August, 2025**  
**(Online Mode)**



**Organized by**  
**School of Basic Engineering and Sciences**  
**PSN College of Engineering and Technology**  
**(Autonomous)**  
**PSN Nagar, Melathediyoar**  
**Tirunelveli-627152**  
**Tamil Nadu, India**  
**Email: [etmst2025@gmail.com](mailto:etmst2025@gmail.com)**  
**Website: [www.psnecet.ac.in](http://www.psnecet.ac.in)**

## ABOUT THE INSTITUTION

PSN College of Engineering and Technology (PSNCET), Tirunelveli, was established by the PSN Educational and Charitable Trust in the year 2001 under the leadership of Dr. P. Suyambu a multi-tasked personality with admirable academic brilliance. The College is located at Melathediyoar, 12 km away from Tirunelveli unfolding its grandeur over 27 acres of land. The College exhibits an attractive panorama conducive to education and research due to its serene surroundings covered by last rows green trees at the backdrop of mountains with birds chirping all time. PSN college of Engineering and Technology was conferred with AUTONOMOUS status by University Grants commission (UGC), New Delhi from 2012 – 13 onwards enabling the college to fulfil the aspirations of the students in getting quality education and better employment. The PSN group with a network of eight institutions has made tremendous strides in the field of higher education. PSNCET offers 10 UG, 9 PG and 5 PhD programmes. This institution has been recognized u/s (2f, 12B) by UGC, accredited by NAAC. The college has four centres of excellence – PSN-BOSCH REXROTH, PSN-INTEL, PCB design and PSN-National Instruments. This is an ISO 9001:2011 certified institution. The College has signed MOU with University of Malaysia Pahang for staff & student exchange, and collaborative research with VECC, Kolkata.

## ABOUT THE DEPARTMENT

The School of Basic Engineering and Sciences at PSNCET is focused on communicating knowledge in the applied aspects of basic sciences to the promising engineers through quality teaching, besides promoting research activities and consultancy. Highly qualified and dedicated faculty members are indeed core strength of the department. All the faculty members of the department are keen in publishing research papers in reputed journals.

Faculty Members have published significant number of papers in WOS/SCOPUS Indexed Journals in the last 5 years. The department offers Ph.D. programmes in Physics and Chemistry and it has already produced several doctorates in recent years. The faculty members are involving research in the fields of Nanomaterials Synthesis, Materials Electrochemistry, Graph Theory Studies, Coordination Complex Synthesis, Single Crystal Studies and Mathematical Modelling etc. Moreover, the Energy Materials Laboratory is having many research equipment including UV-Vis Spectrophotometer, IR Spectrophotometer, Electrochemical Workstation, Solar Cell fabrication accessories etc.

## ABOUT THE CONFERENCE

The National Conference on Emerging Trends in Materials Science and Technology (ETMST-2K25) focuses on clean energy conversion and storage, sustainable material processing, environmental monitoring and cleanup, materials for practical engineering applications, ecofriendly catalysts for energy and environment, nanomaterials for energy, and computational, theoretical and mathematical modelling for model prediction control of materials processing etc. The main objective is to discuss the state-of-the-art research in the cutting-edge fields of materials science and engineering among the students, research scholars, scientists, engineers, academicians and industrialists. The conference will create opportunities for the young researchers to discuss with the keynote speakers to further enrich their skills. The programme will include keynotes, plenary lectures and oral presentations. The organizing committee is pleased to invite prospective authors to submit their abstracts through email and the selected abstracts will be considered for oral presentation.

Registration QR Code



## CALL FOR PAPERS

Papers of research findings in the given thrust areas are invited for oral presentations. The abstract should be restricted to 250-300 words. The name of the presenting author should be underlined and corresponding author should be indicated by an asterisk. The abstract should be neatly presented in Times New Roman, 12 points with 1.5 line spacing. The participants will be intimated about the acceptance of their abstracts through email. A soft copy of abstract book will be published during the conference and will be sent through participants' email. Abstracts should be submitted to [etmst2025@gmail.com](mailto:etmst2025@gmail.com) on or before 31<sup>st</sup> July, 2025.

## IMPORTANT DATES

Registration Deadline	: 30.06.2025
Submission of Abstract Deadline	: 31.07.2025
Notification of Acceptance	: 04.08.2025

## REGISTRATION & PAYMENT

Faculty members	: Rs. 400/-
PG Students/Research Scholars	: Rs. 250/-

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Name of Account	: PSNCET-SOBES
Account No.	: 05420110072141
Name of Bank	: UCO Bank
Branch	: GOPALASAMUDRAM
IFSC	: UCBA0000542
Payment Quote	: Registration fee of <u>Participant Name</u>

## CONTACT

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