

*PSN COLLEGE OF ENGINEERING AND TECHNOLOGY*

The logo for ICPIC 2021 features the text "ICPIC 2021" in a stylized, black, serif font. The text is centered within a large, faint circular graphic that resembles a circuit board or a network diagram. The background of the entire page is a golden-yellow color with a subtle pattern of hexagons and circuit-like lines.

**INTERNATIONAL VIRTUAL CONFERENCE ON POWER  
INFORMATION AND COMMUNICATION**

DEPARTMENT OF EEE, CSE, ECE AND E&I  
PSN COLLEGE OF ENGINEERING & TECHNOLOGY  
MELATHEDIYOOR, TAMILNADU-627152



## ABOUT THE INSTITUTION

PSNCET is an Autonomous Engineering College in Tirunelveli District, Tamilnadu approved by AICTE, New Delhi, recognized by UGC Under 12(b) & 2(f) under UGC Act 1956 and Affiliated to Anna University, Chennai.

Our College is an ISO 9001:2015 Certified Institution and Accredited by NAAC

Four Centres of Excellence which orient the students to meet industrial requirements

100% Placement assurance for qualified students under PSNCET Employment Guaranteed scheme

24 x7 wifi enabled multi-storied library with more than sixty thousand books and on-line access to International Journals

## SIGNIFICANCE AND OBJECTIVES OF THE CONFERENCE

The aim of ICPIC is to present the latest research and results of scientists in topics related to Electrical, Electronics, Communication & Computer Science Engineering. This conference provides opportunities for the delegates to exchange their ideas and a face to face interaction to establish business or research relations and to find global partners for future collaboration.

### PATRON

DR. P. SUYAMBU,  
CHAIRMAN,  
PSN GROUP OF INSTITUTIONS.

ER. P. S. JAYARAM,  
VICE CHAIRMAN,  
PSN GROUP OF INSTITUTIONS.

### CO-PATRON

DR. PSELVA KUMAR  
EXECUTIVE DIRECTOR  
PSNCET, TIRUNELVELL.

DR. V. MANIKANDAN  
PRINCIPAL  
PSNCET, TIRUNELVELL.

DR. X. SAHAYA SHAJAN  
DIRECTOR (ACADEMICS AND RESEARCH)  
PSNCET, TIRUNELVELL.

DR. S. PUMAYAL  
DEAN / EEE  
PSNCET, TIRUNELVELL.

### CONVENOR

DR. A. BHUVANESH  
HEAD OF THE DEPARTMENT – EEE  
PSNCET, TIRUNELVELL.

DR. M. VARGHEESE  
HEAD OF THE DEPARTMENT – CSE  
PSNCET, TIRUNELVELL.

DR. SUDHAKAR SENGAN  
PROFESSOR, DIRECTOR INTERNATIONAL  
RELATION - CSE

PSNCET, TIRUNELVELL

DR. K. PAUL JOSHUA  
HEAD OF THE DEPARTMENT – ECE  
PSNCET, TIRUNELVELL.

PROF. S. RAMRAJ  
HEAD OF THE DEPARTMENT – EIE

### TECHNICAL COMMITTEE

DR. S. RAJASEKARAN  
PROFESSOR – EEE  
DR. J. LEE MAROSE – EEE  
ASSOCIATE PROFESSOR  
MS. V. JENITHA  
ASSISTANT PROFESSOR – EEE  
MS. P. MUTHULAKSHMI  
ASSISTANT PROFESSOR – EEE  
MS. S. INDHUMATHI  
ASSISTANT PROFESSOR – EEE  
MR. S. JESUHANAN SAMUEL  
ASSISTANT PROFESSOR – EIE  
MR. C. IMANUEL  
ASSISTANT PROFESSOR - EIE  
DR. G. NALLASIVAN  
PROFESSOR - CSE  
MR. G. KHARMEGA SUNDARARAJ  
ASSO. PROFESSOR - CSE  
MR. C. RAJESH KUMAR  
ASST. PROF - CSE  
MRS. P. KANAGALAKSHMI  
ASST. PROF - CSE  
MRS. J. YAMUNA BEE  
ASST. PROF - CSE  
MRS. A. ANITHA  
ASST. PROF - CSE  
DR. T. RAJESH  
PROFESSOR – ECE  
MR. K. JEBASTIN  
ASSISTANT PROFESSOR – ECE  
MRS. M. SUNDARA MAHALAKSHMI  
ASSISTANT PROFESSOR – ECE  
MR. G. ISWARAN  
ASSISTANT PROFESSOR – ECE  
MS. K. ANITHA  
ASSISTANT PROFESSOR – ECE  
MS. J. JEBALIN MAHIBA  
ASSISTANT PROFESSOR – ECE  
MS. A. CHIERA  
ASSISTANT PROFESSOR – ECE  
MR. P. MUTHUPONARASU  
ASSISTANT PROFESSOR – ECE

### ADVISORY BOARD

DR. AKHTAR KALAM  
PROFESSOR – ELECTRICAL ENGINEERING  
VICTORIA UNIVERSITY, AUSTRALIA  
DR. J. SAM ALARIC  
PROFESSOR - ECE,  
WOLLEGA UNIVERSITY, ETHIOPIA  
DR. GANESH BABU  
ASSISTANT PROFESSOR – ECE  
TISHK INTERNATIONAL UNIVERSITY, IRAQ  
MR. S. K. PERUMAL  
DATA SCIENCE CONSULTANT  
DATA REPLY, LONDON, UK  
DR. DEVI MANI  
ASSISTANT PROFESSOR, CSE  
KING KHALID UNIVERSITY, SAUDI ARABIA  
MR. J. IVIN SAM ARPUTHA SINGH  
PROGRAM MANAGER, I&T, NEW DELHI  
DR. BALASUBRAMANIAN RAMAN  
PROFESSOR, CSE, IIT, ROORKEE  
DR. S. SARAVANAN  
PROFESSOR – EEE  
B. V. RAJU INSTITUTE OF TECHNOLOGY, TELANGANA, INDIA  
DR. S. KANNAN  
SENIOR PROFESSOR AND HEAD – EEE  
RAMCO INSTITUTE OF TECHNOLOGY, RAJAPALAYAM  
DR. S. T. JAYA CHRISTA  
ASSOCIATE PROFESSOR – EEE  
MEPCO SCHLENK ENGINEERING COLLEGE, SIVAKASI  
DR. D. MENAKA  
ASSOCIATE PROFESSOR – EIE  
NI CENTRE FOR HIGHER EDUCATION, KANYAKUMARI

### KEY NOTE

Giuseppina Di Lorenzo PhD, CEng  
Senior Research Associate in Energy Conversion Systems  
University of "Roma Tre", Rome, Italy  
Dr. N. Satheesh Kumar, M.Tech, Ph.D  
Professor - ECE, PRR VITS, Andhra Pradesh, India  
Mr. Andy Thurai  
Senior Analyst, Gigamon, Greater Boston

Categories	Registration Fee (International)	Registration Fee (National)
Academician / Industrialist	40 USD	2500 INR
Student (PG / PhD)	30 USD	2000 INR
Student (UG)	40 USD	1500 INR
Listeners	15 USD	1000 INR
Additional Paper (s)***	15 USD	1000 INR
Additional Page	10 USD per page	500 INR per page

At least one author of each paper is required to register. The author must pay the registration fee, in order to finish the registration.

\*\*\* One regular publishing fee can cover a paper within 6 pages, including all figures, tables, and references.

Submitted papers should neither previously published nor be currently under consideration for publication elsewhere. All papers are published through a peer review process.

E-mail for Paper Submission: [icpic2020@psncet.ac.in](mailto:icpic2020@psncet.ac.in)

The selected and presented papers will be submitted for possible publication in UGC approved or SCOPUS indexed journals.

## Call for Paper

### Electrical and Electronics Engineering

Instrumentation  
Electric Power Generation  
Electronic Materials  
Electromagnetic Transients Programs  
Digital Signal Processing  
Microprocessor based Technologies  
Digital Communication  
Digital Security  
Magnetic Theory  
Micro Machines  
Economic aspects of power quality and cost of supply  
Harmonics  
Energy efficiency in industry  
Education and power quality  
Electrical Materials and Process  
Semiconductor Technology  
High Voltage Engineering and Insulation Technology  
Electronic Materials  
Education and Training for Electrical Engineers  
Power System Planning and Scheduling  
Power System Protection, Operation and Control  
Transmission & Distribution Systems  
Apparatus HVDC and FACTS  
Electromagnetic Transients Programs (EMTP)  
Wind, Solar and Renewable Energy  
Control Theory and Application  
Electrical Machines  
Electric Drivers and Application  
Electrical Traction Systems and Control  
Electromagnetic and Applied Superconductivity  
Industrial Process Control and Automation  
Inverter and Converter Technology  
MEMS-Related Technology  
Electronics and Instrumentation Engineering  
Modern predictive controller  
PLC and SCADA based instrumentation system  
Process control instrumentation  
Smart plant instrumentation  
Biomedical instrumentation

### Electronics and Communication Engineering

Nanoelectronics and microelectronics  
Power and Applied electronics  
Microprocessor and Microcontroller  
Very Large Scale Integration (VLSI)  
Micro scale fabrication  
Electrical Machines and Drive Systems  
Electric Vehicle Technologies  
Electrotechnologies  
High Voltage and Insulation Technologys  
Power Electronics and Drive Systems  
Power Quality and Electromagnetic Compatibility  
Power System Reliability and Security  
Power Systems Communication  
Semiconductor Technology  
Signal and Image Processing  
Transmission of Numerical Images  
Embedded System Security  
Intelligent Control  
FPGA in outer space  
Nuclear Microbatteries  
Nanotechnology  
Nanomachines  
Humanoid Robots

### Computer Science and Engineering

Computer Networks.  
Data Communications.  
Data Encryption.  
Data Mining.  
Database Systems.  
Programming Languages.  
Software Engineering.  
Computer Animation.  
Artificial intelligence.  
GUI, Distributed and Parallel Processing.  
Operating Systems.  
Internet and Web Applications.  
Mobile Computing.  
Security and Cryptography.  
Pattern Recognition.  
Neural Networks.  
Parallel and Distributed Computing, Etc.  
Architectural interaction.  
Big data infrastructure  
Cloud computing  
Data center networking.  
Nanoelectronics and microelectronics

### PAPER SUBMISSION DEADLINE

15<sup>TH</sup> APRIL 2021

### NOTIFICATION OF ACCEPTANCE

18<sup>TH</sup> APRIL 2021

### LAST DATE FOR REGISTRATION

25<sup>TH</sup> APRIL 2021

### DATE OF CONFERENCE

29<sup>TH</sup> APRIL 2021

### Contact

Dr. A. Bhuvanesh, HoD / EEE, PSNCET  
Mobile: 8778104310  
Dr. M. Vargheese, HoD / CSE, PSNCET  
Mobile: 9940848683