

**OBJECTIVE:**

In recent years, science and technology has made remarkable progress in the field of renewable energy applications and continue to search for new techniques to meet the progressively increasing demands of energy and to maintain a pollution free environment. This program aims to update the professionals working in the field of renewable energy on technical, economic and social aspects. The proposed seminar is an effort in the direction to provide a forum for the academicians, scientists, engineers, technologists, Stakeholders, students and persons from industry for mutual sharing of knowledge, expertise and experience. A large number of participants are expected to attend the seminar from all over the country.

**COURSE CONTENTS:**

The major thrust of the seminar will be on current research trends in all renewable technologies including the following but not limited to:

- History of energy sources
- Global trends in renewable energy sources
- Recent research trends in
  - ✓ Concentrating Solar Power (CSP)
  - ✓ Concentrating PhotoVoltaics (CPV)
  - ✓ Solar Thermal Energy for Polygeneration
  - ✓ Wind Energy Technologies
  - ✓ Fuel cell and Hydrogen Energy
  - ✓ Advanced Biomass Technologies
- Smart Grids for Renewable Energy Systems
- Role of power electronics in renewable energy conversion.
- Role of renewable energy sources in environmental protection and energy policy and planning for future
- Integration, Control, Communication and Metering of Renewable Energy Systems
- Policy planning for energy sustainability and security

**TARGET AUDIENCE:**

Faculty members and Research Scholars from academic institutes, Personnel from R & D organization and related Industries.

**EXPERTS:**

Sessions will be conducted by senior and experienced faculty members from the various renowned institutes, eminent experts from research organization and industries working in this area.

**BOARDING AND LODGING:**

Accommodation and boarding will be provided in the college campus to all the participants on chargeable basis.

**REGISTRATION DETAILS:**

No registration fee for all the participants. Registration is limited to 30 participants and selected on first-come-first serve basis.

**HOW TO APPLY:**

The applicants should fill the below Google form link and upload their scanned copy of application in the specified format with their Principal / Sponsor signature with seal. (Note: Without Principal / Sponsor signature and uploading mismatched file is not allowed to attend the seminar).

**Google form link:**

<https://forms.gle/GgZq2TiUkeKGRPNJ9>

**SCHEDULED DATES:**

Last date for fill the Google form : 29.12.2021  
Intimation of Selection : 30.12.2021  
Confirmation by participants : 31.12.2021

**KONGU ENGINEERING COLLEGE  
(AUTONOMOUS)  
PERUNDURAI, ERODE 638 060  
TAMILNADU**

**CSIR Sponsored Two Day National Level  
Physical Mode Seminar on  
“Recent Research Trends in Renewable Energy  
Technologies”  
(06.01.2022 to 07.01.2022)**

**APPLICATION FORM**

Name :  
Designation :  
Organization :  
Gender :  
Age :  
Educational Qualification :  
Address for :  
Communication :  
  
Mobile Number :  
E-mail ID :  
Experience :  
Teaching : \_\_\_\_\_years  
Others (Specify) : \_\_\_\_\_years  
Need Accommodation : YES / NO  
Signature :

## DECLARATION

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the programme for the entire duration. I also undertake the responsibility to inform the Coordinator in case I am unable to attend the course.

Place:

Date: Signature of the Applicant

## SPONSORSHIP CERTIFICATE

Mr/Ms/Dr \_\_\_\_\_

is an employee of our Institute / Organization and is hereby sponsored. He/She will be permitted to attend the programme in full, if selected.

Place: Signature of the Sponsoring Authority

Date: Office Seal

### **For any queries contact:**

**Dr.S.Albert Alexander Ph.D.,PDF(USA),,**

UGC-Raman Research Fellow

Associate Professor

**Chairperson**

**CSIR Sponsored Two Day National Level**

**Physical Mode Seminar on**

**“Recent Research Trends in Renewable Energy Technologies”**

**(06.01.2022 to 07.01.2022)**

Department of EEE

Kongu Engineering College

Perundurai Erode-638 060 Tamilnadu

**Contact Mobile – 9865931597, 9688427208**

**E-mail:ootyalex@gmail.com,**

**dsarathkumareee@gmail.com**

**Website: [www.ootyalex.webs.com](http://www.ootyalex.webs.com)**

## ABOUT THE COLLEGE

Kongu Engineering College (KEC) established in 1984, approved by AICTE, New Delhi, accredited by NAAC for 5 years with the grade of “A” and an autonomous institution affiliated to Anna University Chennai, has completed 37 years of dedicated and excellent service in the field of technical education. The college offers 14 UG, 19 PG and 16 research programmes in Engineering and Applied Sciences. It is one of the best self-financing engineering colleges imparting high quality technical education in Tamil Nadu, India, and is well-known for its technical excellence, modern facilities, record of performance with excellent results and enterprising students. Ranked 1st Position in Tamilnadu and 39th position at all India level by “Outlook” magazine, 3rd Position in Tamilnadu and 32nd Position in private Engineering colleges in India by “The Week” Magazine. Ranked 165th position in private Engineering colleges in India by NIRF ranking. It has an active Industry- Institute Partnership (IIP) Cell to interact with industries. Received Sustainable Institute Industry Partnership Award consecutively for two years (2014 & 2015) from the Institution in Society for Educational and Entrepreneurship Development, Chennai. It has got NBA accreditation for most of the UG programmes and is an ISO certified institution. It has also got the Best Engineering College award and the Best Principal Award from ISTE. It has established a Technology Business Incubator (TBI) supported by the Department of Science and Technology, Government of India, and won the National Award presented by the President of India on Technology Day in New Delhi. Kongu Engineering College has been awarded as the Most Clean Campus for the Year 2017 by AICTE.

## ABOUT THE DEPARTMENT

The Electrical and Electronics Engineering department occupies a prominent place in the chronicles of its academic history. The department has been consistently producing illustrious Engineering graduates of high caliber who occupy prestigious positions in the academic and industrial fields. The specialization of the faculty includes Power System Engineering, Power Electronics and drives, Energy Engineering, Applied Electronics, Control Systems, VLSI, Bio-Medical Engineering, Digital Signal Processing, Sensors and Networks, Computer Networks, Instrumentation and Control etc. The department offers four year UG programme in EEE and two year PG programme in Power Electronics and Drives. The department also carrying out many consultancy activities like energy auditing to many industries. EEE Department of Kongu Engineering College has bagged the National level award under the category “Best Industry linked Technical Institute for the Electrical Engineering stream”, on the survey organized jointly by AICTE and CII during June-July 2013, for the year 2012-13. Renewable Energy Research Centre has been established under Department of Science and Technology funded Rs.1 crore to conduct research in renewable energy and provide tangible outcome in the form of product development for the Academic year 2018-19.

## ABOUT THE LOCATION

The college is situated at Perundurai on the National Highway (NH 47) about 80 km from Coimbatore and 20 km from Erode.



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**Organizing Committee by**

**Chairpersons:**

**Dr.S.Albert Alexander Ph.D., PDF (USA),,  
SMIEEE.,**

**UGC-Raman Research Fellow  
Associate Professor/EEE**

**Dr.M.Srinivasan M.E., Ph.D.,  
SERB TARE Research Fellow (IIT Madras)  
Assistant Professor (Senior Grade)/EEE**

**Organizing Secretary:**

**Mr.D.Sarathkumar M.E.,  
Assistant Professor (Senior Grade)/EEE**

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Department of Electrical and Electronics Engg.  
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