

ABOUT Dr.N.G.P. INSTITUTE OF TECHNOLOGY

Dr.N.G.P. Institute of Technology is another milestone in the growth of the Kovai Medical Centre Research and Educational Trust, Coimbatore. The Institution is approved by All India Council for Technical Education (AICTE) New Delhi, affiliated to Anna University, Chennai, accredited by NBA & NAAC and recognized by UGC. The institute is well equipped with advanced infrastructure facilities and state-of-the-art laboratories to meet the requirements prescribed by AICTE and Anna University. Dr.NGPIT offers Higher Education in Engineering, Technology and Management as Undergraduate, Postgraduate and Research Programmes.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering has been in existence since 2009. The Programme is accredited by NBA. The department is recognized as Research Centre by Anna University, Chennai. The department is grown into a full-fledged one with well-equipped lab facilities and infrastructure. The department has well experienced faculty members of various specializations. The activities in the department are carried out to consort the global innovations, inventions, alternate resource development upgraded in the mechanical world for human mankind journey. The students are trained to upgrade themselves and the department is striving to mould them into a better engineer in this society.

TARGET AUDIENCE

This Workshop is deliberately designed for professionals working as Academic Faculty Members, Industrialist, Research Professionals and Engineering Students.

VISION

To produce qualified, self-driven mechanical engineers with moral values.

MISSION

- * Enriching technical knowledge through value added courses, interaction with professional societies and research activities.
- * Imparting quality education by competent faculty through learning tools.
- * Providing industry connect opportunities for the students to enhance their talents, innovative ideas and entrepreneurial skills.
- * Developing technical expertise with latest technologies through state-of-the-art laboratories.
- * Encouraging the students to meet the challenges of industry and society with moral values.

ORGANISING COMMITTEE

Chief Patron : **Dr.Nalla G. Palaniswami**

Chairman
KMCH

Dr.Thavamani D Palaniswami

Secretary
Dr. N.G.P. Institute of Technology

Patron : **Dr.O.T.Buvaneshwaran**
Chief Executive Officer
KMCRET

President : **Dr.K.Porkumaran**
Principal
Dr. N.G.P. Institute of Technology

Chair : **Dr.V.S.Sree Balaji**
Professor & Head
Dept.of Mechanical Engineering
Dr. N.G.P. Institute of Technology

Organizing Secretary : **Mr.S.Rajkumar**
Assistant Professor
Dept.of Mechanical Engineering
Dr. N.G.P Institute of Technology



CSIR Sponsored
One Day National Level Workshop
on

**“Innovations in Renewable Energy &
Clean Energy Production for Resilient
Future”**

18th July 2019



Organized by



Department of Mechanical Engineering
Dr.N.G.P. INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai. Recognized by UGC & Accredited by NAAC and NBA (BME, CSE, ECE, EEE & Mechanical)
Kalapatti Road, Coimbatore - 641 048



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CSIR Sponsored One Day National Level Workshop on “Innovations in Renewable Energy & Clean Energy Production for Resilient Future”

18th July 2019

Name :
Designation :
Department :
Address :

Mobile Number :
Email Address :
Payment Details :
DD / Cheque Number :
Bank :
Branch :

I hereby recommend Dr./Mr./Ms. _____ to attend CSIR Sponsored One Day National Level Workshop on “Innovations in Renewable Energy & Clean Energy Production for Resilient Future” at Dr.N.G.P Institute of Technology on 18th July 2019.

Signature of Candidate

Signature of (HoD/Principal)

ABOUT THE WORKSHOP

Maximum utilization of the renewable energy resources with a lower installed renewable energy capacity and smaller batteries can be ensured by coordinating the energy demands with electricity production, fossil fuel generation that can be minimized through more efficient control of energy loads and power quality. The main purpose of this workshop is to present the recent innovations in energy system which integrates various distributed energy sources such as Solar PV, Small Wind Electric Generator Biomass gasifier system, Diesel-Set, etc. Such implementation can be used in other similar applications for improving the efficiency, reliability and flexibility of the overall system.

OBJECTIVE

The primary objective of the workshop is to promote research and developmental activities in clean and Renewable Energy. Another goal is to promote scientific information interchange between researchers, developers, engineers, students, and practitioners working in energy systems. The workshop will be held to make it an ideal platform for people to share views and experiences in Clean and Renewable Energy and related areas. Collaboration between interested parties is expected to boost further realization of clean energy utilization in the near future.

EXPECTED OUTCOMES

At the end of the workshop the participants will be able to

- Outline the Innovations in Renewable Energy and Clean Energy Production.
- Explain the importance of Renewable Energy and Clean Energy Production for Resilient Future.
- Explain the importance of future integrated energy system.

TOPICS TO BE DISCUSSED

- Emerging Trends in Renewable & Clean Energy
- Fuel Cell & Advanced Batteries
- First Generation Smart Grid
- Tidal turbines Space-based Solar Power

RESOURCE PERSONS

Resource persons from reputed academia and industry will deliver interactive talks on areas relevant to innovations in renewable Energy & clean energy production.

ELIGIBILITY AND SELECTION

Faculty from AICTE approved Institutions, Research scholars and Engineering student members are eligible to participate in the workshop. The total intake is restricted to 100 and selection will be based on first come first served.

REGISTRATION FEE

Industrialists	Rs.200
Research Scholar / Academicians	
UG / PG Students	

Registration fee in the form of Demand Draft / Cheque is to be drawn in favour of “The Principal, Dr.N.G.P Institute of Technology, Coimbatore 641048” Payable at Coimbatore. The application in the attached format is to be sent to the coordinator on or before 16th July 2019. **The fee includes course kit, lunch and refreshments. Pre-registered participants may avail spot registration.**

IMPORTANT DATES

Receipt of Application: 16.07.2019
Intimation of Selection: 17.07.2019

Registration form along with DD to be sent to:

Mr.S.Rajkumar M.E

Assistant Professor

Department of Mechanical Engineering
Dr. N.G.P Institute of Technology, Kallapati Road,
Coimbatore-641048

Email :srajkumar615@gmail.com
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