

**Ninth National Conference on  
“NEW & RENEWABLE ENERGY  
TECHNOLOGIES”**

**(NRET 2018)**

**27<sup>th</sup> April, 2018**

**Department of Mechanical Engineering  
PSG COLLEGE OF TECHNOLOGY  
Coimbatore – 641004**

**REGISTRATION FORM**

**Name**  
(in block letters) : .....

.....

**Date of Birth & Age** : .....

**Qualification** : .....

**Organization** : .....

**Designation** : .....

**Address for  
Communication  
with PIN code** : .....

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**Phone** : .....

**E-mail ID** : .....

**DD No :**                      **Date :**

**Bank :**                      **Amount :**

**ORGANIZING COMMITTEE**

**Chief Patron :** **Shri L.Gopalakrishnan**  
Managing Trustee,  
PSG & Sons' Charities Trust

**Chairman :** **Dr R.Rudramoorthy**  
Principal,  
PSG College of Technology

**Convener :** **Dr P. R. Thyla**  
Professor and Head,  
Dept. of Mechanical Engineering  
PSG College of Technology

**Organizing Secretaries :** **Dr R. Velavan**, Professor  
**Dr K. Kannan**, Associate Professor  
**Dr S. Babu**, Associate Professor  
Dept. of Mechanical Engineering  
PSG College of Technology

**Co-ordinators :** **Mr R. Jegathishkumar**, Asst. Prof.  
**Mr R. Arun Kumar**, Asst. Prof.  
Dept. of Mechanical Engineering  
PSG College of Technology

**COIMBATORE CITY**

The city of Coimbatore, known as the Manchester of South India, is blessed with a pleasant climate. It is an industrial city is endowed with a large number of educational institutions, textile mills, foundries and agro-based industries. Hill stations like Ooty, Kodaikanal, Mudhumalai wild life sanctuary and Top Slip are within easy reach from Coimbatore. PSG College of Technology is just 2 kms away from the airport and around 6 kms from both railway station and the bus terminus.

**ADDRESS FOR CORRESPONDENCE:**

**Organizing Secretary -NRET 2018,**  
Department of Mechanical Engineering,  
PSG College of Technology,  
Coimbatore- 641 004, Tamil Nadu, India.  
Phone : 91422 – 2572177,  
Fax : 91422 - 2592277  
Website : <http://www.psgtech.edu>  
E-mail : [psgncnret2018@gmail.com](mailto:psgncnret2018@gmail.com),  
[babu.mech@psgtech.ac.in](mailto:babu.mech@psgtech.ac.in)

Student co-ordinator: Mr.Sudhir- 9500459245

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**Organized by**



**Department of Mechanical Engineering  
PSG COLLEGE OF TECHNOLOGY  
Coimbatore- 641 004.  
Phone: +91422 – 2572177  
Fax: +91422 - 2592277  
Website: <http://www.psgtech.edu>**

## ABOUT THE INSTITUTION

PSG College of Technology is a government aided autonomous institution affiliated to Anna University Chennai. It is the first government aided private engineering college in India started in the year 1951 by the PSG & Sons' Charities. Today, the institution has made substantial progress by way of offering under-graduate, post-graduate and doctoral programmes in several disciplines of engineering, management and applied sciences and is also conducting various continuing education programmes for practicing engineers/ professionals from industries. The institution has setup a TIFAC Centre of Relevance and Excellence in Product Design, Optimization and Collaborative Product Commerce.

## ABOUT THE DEPARTMENT

The Department has evolved a comprehensive student-centric learning approach, designed to add significant value to the learner's understanding in an integrated manner through workshops, lab sessions, assignments, industrial training, seminars, internships, projects and independent study. The hands-on training offered at PSG Industrial Institute brings in a formal method of familiarizing with the industrial practices along with the educational process. It helps the students to apply their class room knowledge to live industrial situations. There is also a substantial value addition in the Department through participation of the students and faculty in solving real-life problems of the industry directly through project work and through continuing education programmes for industry participants.

Machine Tool Research Centre (MTRC) has been established under the Department for research and development. The Department is equipped with a library and an engineering design centre with latest design and analysis software. The laboratory and computing facilities are made available to the students and staff till late night on all days, which is one of the major strengths of PSG Tech. The Department has a team of highly qualified and energetic faculty members who have excellent academic and research credentials. The Department has established many centers and laboratories with support from industries such as Festo, Rane, Ashok Leyland, Veljan and National Instruments.

The Department maintains a close liaison with a large number of universities, industries within and outside the country, through collaborative and research projects. The Department has been actively engaged in industrial consultancy and testing services for the industries in and around Coimbatore. A large number of sponsored research projects have been undertaken with funding from various agencies, viz., DST, AICTE, AR&DB, ISRO, DRDO, BARC, IGCAR, ADA, etc.

The Department offers Four Year B.E. (Mech) and Five Year B.E. (Mech) Sandwich programmes, M.E. full-time programmes in Engineering Design, Industrial Engineering, Computer Integrated Manufacturing, Lean Manufacturing, Energy Engineering and Ph.D. programmes. The Department also offers an M.E. part-time program in Industrial Engineering. The UG and PG Programmes offered by the Department have been accredited by the NBA.

## ABOUT THE CONFERENCE

The **Ninth National Conference on "New & Renewable Energy Technologies"** is provides opportunities for young researchers to disseminate their findings and helps in developing networking with researchers working in Advanced Energy Technologies.

## Call for Technical Papers

The organizing committee of the conference invites papers from researchers, faculty and students in the following areas and related topics:

- Wind Energy Technologies and Applications
- High Altitude Wind Power and Offshore Wind Farms
- Solar and Low Energy Architecture
- Solar Thermal Technologies
- Integrated Photovoltaics
- Nano thin film solar panels
- Osmotic Power Technology
- Bio-fuel Technologies
- Biomass Conversion and Gasification
- Marine Biomass Production
- Microbial Fuel Cell
- Fuel Cells and Hydrogen Technologies
- Enhanced Geothermal Systems
- Hydro Power Technologies
- Ocean Energy Systems
- Tidal Power Technology
- Magneto hydrodynamics(MHD)
- Low Carbon Technologies
- Life Cycle Assessment (LCA)
- Energy and Environment Policy Regulations
- Micro-grid and Grid synchronization
- Application of Power electronics in RECS

## Submission of Papers

- The full paper submission will be peer reviewed and evaluated based on originality, technical and/or research content/depth, correctness, and relevance to conference.
- The accepted full paper will be published in conference proceedings.
- Prospective authors are invited to submit **full text papers** including results, tables, figures and references in **IEEE format**.
- Full text paper will be accepted **only** by electronic submission **as word document**.
- Selected papers shall be **considered** for publication in National Journal of Technology.

## Registration Fee

(Inclusive of service taxes)

**Rs. 2000/-** per delegate from industry

**Rs.1500/-** per delegate from  
academic institutions

**Rs.1000/-** per student

## Mode of Payment

The registration fee is to be paid by Demand Draft drawn in favor of "**PSG - Centre for Non-Formal and Continuing Education**" payable at Coimbatore.

## Accommodation

Registered participants shall make **their own arrangements** for accommodation.

## Dates to Remember

- **Submission of Manuscript for review** : **31.03.2018**
- **Acceptance Notification** : **10.04.2018**
- **Final submission of accepted Paper with registration fees** : **14.04.2018**