

INTRODUCTION

The School of Engineering in Presidency University, Bengaluru, is organising the National Conference on Green Energy, Environment & Sustainable Development. This conference will bring together researchers and engineering professionals from all over India to meet and deliberate in the beautiful green garden city, Bengaluru, on 9th & 10th March, 2018. The conference will also provide a platform for entrepreneurs to seek partnership with scientists and engineers to discuss commercialization of ideas, inventions and products.

CONFERENCE TOPICS

THEME 1

Energy Policy, Security and Supply

National Energy Strategies, Energy Deregulation in International Energy Standards, Energy Resources and Demand, Energy System Vulnerability, Energy Transport - Electricity and Fuel, Economics, Power Financing,

THEME 2

Global Climate Change

Clean Development Mechanism, Social and Education Issues, Emission Trading, Economics & Financing Clear Energy Projects, Policy & Challenges.

THEME 3

Renewable Energy Technologies

Small and Micro Hydroelectric Power, Ocean Thermal Energy Systems (OTES), Wave & Tidal
Geothermal Energy Technologies,
Solar Energy Systems (Photovoltaic, Thermal, Passive Architecture),
Wind Energy Systems (Large and Small Scale),
Bio Energy Systems (Biomass Gasification, Bio Gas, Bio Fuels),
Fuel Cells and Hydrogen,
Alternate Fuels (Ethanol, Alcohol etc.),
Oil and Gas - CO₂ free generation,
Nuclear Energy,
Nano Materials.

THEME 4

Energy Management and Efficiency

Demand Side Management,
Supply Side Management,
Building Energy Management Systems,
Green Buildings,
Energy Efficiency in Building Sector,
Manufacturing Sector, Transport Sector.

GUIDELINES FOR AUTHORS

1. Authors are requested to identify the themes and limiting the papers to a maximum of 4 pages and submitted in word & pdf format.
2. Articles must be typed in MS word using Times New Roman font with a line spacing of 1.5 pt.
3. All headings and sub-headings must be bold and typed in 14 pt and 12 pt font size, respectively. The rest of the article is to be in 12 pt font size.
4. Selected papers will be published in reputed journals with ISSN no.
5. Full papers can be submitted to the following email id : ncgeesd2018@presidencyuniversity.in

IMPORTANT DATES

- Deadline for paper Submission : 20th Feb 2018
- Communication of Acceptance : 27th Feb 2018
- Last date for Online Registration : 01st Mar 2018

REGISTRATION FEE

UG & PG Students	Rs. 500 /-
Research Scholar & Faculty Member	Rs. 1250/-
Participants from Industry	Rs. 3000/-

Registered participants are allowed to submit only one paper. Only participants who have registered will have their papers published in the proceedings of the conference. The registration fee can be paid either by a demand draft drawn in favor of the "REGISTRAR, PRESIDENCY UNIVERSITY, BENGALURU-560064," or through a bank transfer to the "REGISTRAR, PRESIDENCY UNIVERSITY ACCOUNT," A/c No. 11890100129874 in FEDERAL BANK, GANDHINAGAR BRANCH with IFSC: FDRL0001189. Participants must fill the registration form included in this brochure and email it to the Organising Secretary before 01st March, 2018. The registration fee includes a conference kit and refreshments.

ACCOMMODATION & TRANSPORTATION

The university will provide help in arranging accommodation for participants at their own cost. Participants requiring this help must contact the Organizing Secretary via email. The university will arrange buses to and fro between Yelahanka, Hebbal and University for the convenience of participants registered for the conference at specified time.

Weather: Bangalore has a moderate climate throughout the year and you are sure to fall in love with its beautiful weather

**National Conference on
Green Energy, Environment
& Sustainable
Development
(NCGEESD '18)
Bengaluru, India
9 and 10 March 2018**



REGISTRATION FORM

Name: _____

Organization: _____

Postal Address: _____

Mobile No: _____

Email : _____

Registration Fee in Rs. _____

Please tick (☐) in the appropriate box below:

() I plan to attend the Conference only

() I plan to attend the Conference and present a paper titled: _____

Category: UG / PG / PhD Scholar / Industrial Participants

Mode of Payment: DD Bank Transfer

Name of Bank with date: _____

**For correspondence and further information
Wing Commander & Dr Mallikarjun R Vaggar,
Organizing Secretary (NCGEESD '18)**

Asso. Prof, Mechanical Engg Dept
School of Engineering, Presidency University
Itgalpura, Rajanukunte,
Bengaluru - 560064
Phone: +91 9632881995

Conference Website:

<http://soconference.presidencyuniversity.in/>

Email: ncgeesd2018@presidencyuniversity.in

For General enquiry:

Aravinda T, Asst Prof , Mechanical Engg Dept

aravinda@presidencyuniversity.in

Mobile: +919036812960

CONFERENCE BOARD MEMBERS

ADVISORY COMMITTEE

Mr. R.S. Hiremath, Managing Director, Flexitron, Bengaluru.
Dr. Vishnukanth S Chatpalli, Special Officer, Director NAAC, Bengaluru.
Dr. R. Velraj, Director, Inst. for Energy Studies, Anna University, Chennai.
Dr. R.S. Shivakumara Aradhya, Ex-Director, CPRI, High Voltage Division, Bengaluru.
Dr. S. Jayaraj, Professor, Mechanical Engineering Department, NIT, Calicut.
Dr. M.Srinivasan, Vice President (South) Solar society of India, Chennai.
Dr. S.D Pohekar, SIT & Head: Research Programs, SCRI, Pune.
Dr. N.K Millerjothi, Professor, Macaulay University, Ethiopia.

KEY NOTE SPEAKERS

1. **Dr. B.V.Rao**, Ex-Director (Technical) Indian Renewable Energy (IREDA), New Delhi.
2. **Dr. S.Shamasundar**, Managing Director, Pro-SIM R&D Pvt. Ltd., Bengaluru.

COMMITTEE

CHIEF PATRON:

Dr. Nissar Ahmed, Chancellor, Presidency University.

PATRONS:

Dr. Vijayan Immanuel, Pro-Chancellor, Presidency University.
Dr. Nagendra Parashar, Vice Chancellor, Presidency University.
Dr. Radha Padmanaban, Pro Vice Chancellor, PU
Dr. Mrinmoy Biswas, Registrar, Presidency University.

ORGANIZING COMMITTEE

Dr. C. Prabhakar Reddy, Prof & Dean SoE - Chief Convener.
Dr. Udaya Ravi M, Prof & HOD Mech. Eng. Dept.- Convener
Wing Commander & Dr. Mallikarjun R Vaggar,
Asso. Prof, Mech Eng. Dept. – Organizing Secretary.
Dr. Prabhu B V, IP Cell In-charge.
Dr. Venkatesh K A, Dean Research & Consultancy.
Dr. Surendra Kumar A M, Prof & COE.
Dr. Jyoti Prakash Naidu, Dean Research, Innovation & Partnership
Dr. Akshay Nanjangud, Asso. Prof, Mech. Eng. Dept.
Dr. K N Sheshadri, Senior Librarian.
Dr. Anu Sukhdev, Asst. Prof, Chemistry Dept.
Dr. P Mohan Kumar Naidu, Asst. Prof, Physics Dept.
Dr. U Mehaboob Pasha, Asso. Prof, Physics Dept.
Dr. Jagadeesha Angadi V, Asst. Prof, Physics Dept.

ABOUT PRESIDENCY UNIVERSITY

Presidency University, Bengaluru, established under the Government of Karnataka Act no. 41 of 2013 and promoted by the Presidency Group of Institutions, aims to be a world-class university by nurturing talent in those who enter the university portals. The nurturing of talent and skills aims to transform the youth into a successful professional and citizen. The university is located in a sprawling campus in Itgalpura, Rajanukunte, on Doddaballapur Road, Yelahanka, Bengaluru. Recently awarded “**Best Emerging University in South India**” By ASSOCHAM, INDIA, also “**Ranked 23rd**” among B-Schools-CSR-GHRDC-2017.

ABOUT CONFERENCE

The National Conference on Green Energy, Environment & Sustainable Development (NCGEESD-2018) to take place in Presidency University will provide a forum for the exchange of ideas and information on alternate energy. This conference proposes to bring together academicians, manufacturers, policy makers, etc., to share and encourage thoughtful evaluation and to discuss contemporary technological trends, policies and programs in the broad area of alternate energy for sustainable development. Sessions are designed to be interactive and provide ample scope for audience participation. The aim of this conference is to provide an opportunity for participants to network and share ideas with renowned experts with vast experience in the energy sector

Bengaluru

The host city, which is the capital of Karnataka, is the fifth largest city in India. The exact origin of Bengaluru is unknown, but it is believed that the city was founded in the 16th century. The beautiful parks and gardens and tree-lined streets of the ‘Garden City’ make it a visual treat for travelers. Today, Bengaluru is known as the ‘IT Capital of India’ and the ‘Silicon Valley of India’. There are a number of places in Bengaluru worth visiting, like gardens, museums, palaces, temples, etc. The major attractions of the city are the Vidhana Soudha and the State Secretariat which are adorned with delicate Dravidian architecture. For nature lovers there is the famous Cubbon Park, stretching over an area of 250 acres. Last but not the least is the wonderful Visvesvaraya Technological and Industrial Museum, which is a treasure house of scientific and engineering delights.

Conference Website:

<http://soeconference.presidencyuniversity.in/>



Presidency University

**1st National Conference on
Green Energy, Environment
& Sustainable Development
(NCGEESD '18)**

**Innovative Technologies for a
Sustainable Future**

9 & 10 March 2018

**Organized by
School of Engineering
Department of Mechanical Engineering
Presidency University
Bengaluru-560064**

