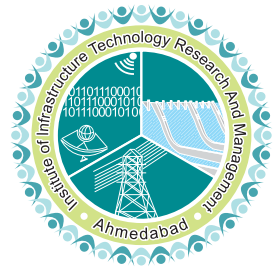


# INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY AND CLIMATE CHANGE (REC 2019)

1-2 February, 2019



IITRAM, Ahmedabad



Organized by

**Institute of Infrastructure Technology Research and Management (IITRAM)**

(An Autonomous University established by Government of Gujarat)

Near Khokhra Circle, Maninagar (East), Ahmedabad, Gujarat, India - 380026

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## About IITRAM

The Institute of Infrastructure Technology Research and Management (IITRAM), is an autonomous university established by Government of Gujarat in the year 2013 by enacting a state act to provide quality education in the field of Infrastructure Research and its Management. IITRAM provides Engineering Education with specialization in Infrastructure and Management of Infrastructure equipped with centres of excellence to organize advanced studies and to promote research in collaboration with industry leaders. Currently, the Institute is offering Under Graduate, Post Graduate and Ph.D program in Civil, Electrical and Mechanical Engineering. The Institute has state-of-the-art laboratories and the infrastructure in all the major areas/specialization of each branch to carry out experiments and research. The Institute has set up Siemens-Center of Excellence and Quanser-Centre of Excellence. The Institute has ambitious plans to expand its academic and research activities in collaboration with Industries.

## About Conference:

The First International Conference on Renewable Energy and Climate Changes (REC), 1-2 February 2019, is being organized by the Institute of Infrastructure Technology Research and Management (IITRAM), Ahmedabad, in collaboration with Gujarat Knowledge Society, Government of Gujarat. It is funded by the Student Start-up and Innovation Policy (SSIP) initiative of Government of Gujarat. The purpose of the Conference is to bring together researchers, engineers, manufacturers, practitioners and customers from all over the world to share and discuss advances and developments in renewable energy and its implications on climate changes.

The conference is expected to include presentations on latest research trends showcasing the important achievements and upcoming challenges in the sector of the Renewable Energy and climate changes.

Developing countries face many challenges in the energy sectors particularly, fossil fuel and their source. The excess usage of fossil fuels cause the worst negative impacts on climate change – extreme weather events, global warming, rise in environmental temperature and sea level, natural calamities, and ground water pollution to name a few. These problems are known worldwide.

The First International Conference on Renewable Energy and Climate Change (REC 2019) provides a common avenue to the authorities, practitioners, academicians, scientist, researcher, and students to sit together and device their own strategies, experience and research outcomes for solving their common problems. This conference will inevitably be multi-dimensional in nature. It covers wide range of areas from renewable energy and climate change and their impacts. Conference also provide a technological forum to discuss the cutting edge solutions on development, design, technology, manufacturing, greenhouse effect, sustainable and clean energy, socio-economic, and policy issues.

## Who can participate?

Authorities, professionals, Young academicians, research scholars, and UG-PG students working in the field of Electrical / Electronics & Communication / Instrumentation and Control / Mechanical / Mechatronics/ Computer / IT / Civil engineering are eligible to participate.

## Plenary Speakers:

- **Josep M. Guerrero**, Prof., Aalborg University, Denmark
- **Malti Goel**, Founder & CEO, CCRI, New Delhi, India
- **Laltu Chandra**, Asso. Prof., IIT BHU, India
- **Aninda Bose**, Editor, Springer
- **Prashant Srinivasan**, Senior Principal Scientist, Symphony Industrial AI, Bengaluru

## Key Take-aways:

- Network with next generation Innovators
- Exhibit products to the targeted audience
- Interact with potential recruiters
- Delve into the latest renewable sectors in regional and global arena
- Excellent opportunity to explore the future challenges in the sectors of Renewable energy and climate changes
- Meet the stakeholders of Government representatives of renewable, climate change and Infrastructure sectors in a single forum.

## Key Topics for Paper Submission:

Topics within the scope of the conference include the following areas, but not limited to:

- Renewable (Green) Energy and Sources including Wind Power, Hydropower, Solar Energy, Biomass, Biofuel, Geothermal Energy, Wave Energy, Tidal energy, Hydrogen & Fuel Cells, Energy Storage
- New Trends and Technologies for Renewable Energies
- Policies and Strategies for Renewable Energies
- Smart grids, batteries, and e-mobility
- Control Techniques for Renewable Energies
- Hybrid Renewable Energies
- Renewable Energy Research and Applications for Industries
- Applications of Renewable Energies in Electrical Vehicles and other allied areas
- Artificial Intelligence and Machine Learning Studies for Renewable Energies
- Renewable Energy Systems in Smart Cities
- Climate Change Mitigation
- Wastewater and Drinking water Treatment
- Industrial Waste treatment
- Ecosystem Restoration

- Environmental Impact Assessment
- Remote Sensing and GIS Applications
- Carbon Trading
- Carbon Capture and Utilization
- CO<sub>2</sub> refrigeration Systems

## Registration:

Category	Amount
Students	Rs. 2,000/-
Indian Delegates	Rs. 4,000/-
Foreign Delegates	US\$ 100/-

## Key Dates:

- Paper Submission Open : 15th September, 2018
- Full paper Submission Deadline : 30th November, 2018
- Notification of Acceptance : 31st December, 2018
- Registration Opens : 1st January, 2019
- Camera Ready Paper Upload : 5th January, 2019
- Paper Submission link : <http://iitram.in/rec19/>



## Key Advisors:

- **Anju Sharma, IAS**  
Principal Secretary (Higher & Technical Education),  
Education Department, Government of Gujarat

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