



**INDIAN INSTITUTE OF CHEMICAL ENGINEERS**  
**- SSN STUDENT CHAPTER**  
**Presents**



**6th NATIONAL CONFERENCE ON**  
**SUSTAINABLE TRENDS IN ENERGY AND ENVIRONMENTAL**  
**RESOURCES (STEER)**

**January 23 & 24, 2020**

**ABOUT THE CONFERENCE**

A sustainable environment ensures availability of resources to the present and future generations. A major source of energy to the present day world is fossil fuel but it is depleting at an exponential rate. The main objective of this conference is to bring to limelight, the emerging arenas of research and development in the energy and environment sector. It provides a forum for distinguished guest speakers and practitioners to address recent research results and to present and discuss related issues in energy and environment. The conference will be a forum for new ideas and concepts and will STEER the students and researchers into a new spectrum of study. We hope that this conference will open the minds of the students to explore innovative applications of Chemical Engineering. This conference is highly inter-disciplinary and relevant papers are invited

**ABOUT THE COLLEGE**

SSN College of Engineering was founded by Dr. Shiv Nadar, Chairman, HCL Technologies, and is one of the most renowned colleges in India. The college has ranked 37th among all engineering institutions in India in the NIRF ranking 2019. The Institution has been granted the Autonomous status from the academic year 2018-2019. Chemical Engineering department was established in the academic year 2004-05. The B.Tech program offered by the department is NBA accredited. The research areas of our faculties are: Biofuel, Biosorption, Carbon capture Sequestration, Energy Management, Fuel Cells, Hydrotropy, Simulation, Product Extraction, Nanotechnology, Process Intensification, Separation Process, Sol-Gel synthesis, Waste water management, Zero emission Technology and other core chemical engineering research.

**ABOUT IICHE AND SSN STUDENT CHAPTER**

IICHE is a confluence of streams of professionals from academia, research institutes and industry. It provides them the appropriate forum for joint endeavours, hand in hand, to work for human well being through application of chemical engineering and allied sciences. Indian Institute of Chemical Engineers- SSN Student chapter was initiated in the year 2007. The chapter has been very active since then, having organised guest lectures, workshops, industrial visits for the benefit of the students. For the year 2018, we received Ambuja's best student chapter award - 2nd prize.

**THRUST AREAS**

- \* Bio-technology/ Bio-sensor/ Bio process
- \* Clean Fuel technology / Eco friendly technology / Green technology
- \* Wastewater treatment
- \* Nano-technology / Novel materials technology
- \* Pollution abatement /Waste Management
- \* Process intensification
- \* Modelling, simulation, control and optimisation.
- And other related topics.

**WEBSITE**

<http://steeriichessn.wixsite.com/steer>

**ADDRESS FOR COMMUNICATION**

SSN College of Engineering,  
 Rajiv Gandhi Salai, OMR,  
 Kalavakkam - 603110  
 Tamil Nadu, India  
[www.ssn.edu.in](http://www.ssn.edu.in)

**Send in your abstracts to**  
[steer.iiche.ssn@gmail.com](mailto:steer.iiche.ssn@gmail.com)

**ELIGIBILITY**

Open for UG/PG/PhD students of all branches of Engineering

**DATES TO BE REMEMBERED**

Last date to receive abstract:

13th Jan 2020

Notification of acceptance:

16th Jan 2020

Last date to receive registration

form along with

DD: 17th Jan 2020

**REGISTRATION DETAILS**

Registration fees include conference kit, conference proceedings and working lunch.

**All Payment must be made in favour of "The Principal, SSN College of Engineering" payable at Chennai.**

**IICHE Members - RS.350**  
 (Per Participant)

**Non-IICHE Members - RS.500**

**INFORMATION TO AUTHORS**

\* Authors are invited to submit their abstracts in MS Word document in the following prescribed format

\* Format-Times New Roman, 12 point font size and 1.5 spacing

\* Abstract page must include- Title, Name(s) of author(s) affiliation and Email address

\* Abstract should not exceed 300 words

\* Maximum three authors per paper.

**ORGANIZING COMMITTEE**

**CONVENOR:**

Dr. R Parthiban  
 Professor and Head

**CO-ORDINATOR:**

Dr. D.Balaji  
 Associate Professor

**Office bearers and members,**  
**IICHE SSN Student Chapter**

**SPECIAL EVENT:**

A Workshop will be conducted.

The details of the workshop will be notified later in our website.

**CONTACT:**

Subash J - 9360609255  
 (Joint Secretary)

Sujitha S - 9840908525  
 (Joint Treasurer)

