

ALL INDIA SEMINAR

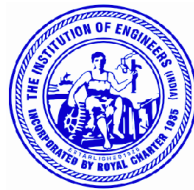
on

**CARBON SEQUESTRATION & CLIMATE CHANGE
MITIGATION**

**October 26-27, 2017
Puducherry**

Organized by

**The Institution of Engineers (India)
Puducherry State Centre**



In association with

PONDICHERRY ENGINEERING COLLEGE



Under the Aegis of

**Environmental Engineering Division Board, IEI
&
Civil Engineering Department, PEC**

Venue

**AUDITORIUM, PONDICHERRY ENGINEERING COLLEGE
Pillaichavady, Puducherry – 14.**



About The Institution of Engineers (India)

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership strength of more than 0.7 million. Established in 1920, with its headquarters at 8, Gokhale Road, Kolkata - 700020, IEI has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering.

In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions among professional engineers, academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from 105 Centres located across the country. The Institution has established R&D centres at various locations in the country and also provides grant-in-aid to its members to conduct research and development on engineering subjects.

IEI conducts Section A & B Examinations in different Engineering disciplines, the successful completion of which is recognized as equivalent to Degree in appropriate field of Engineering of recognized Universities of India by the Ministry of Human Resources Development, Govt. of India. Every year as many as 90000 candidates appear for these exams. For details, please see: www.ieindia.org



About the Associate Organization

Institution of Engineers (India) – Puducherry State Centre

The Puducherry State Centre, a wing of IEI for its regional service, functioning at Puducherry Township, was inaugurated on 31st July 2010. The centre having a good membership strength and organizing Technical lectures, Seminars, and Workshops towards fulfilling the aim of propagating technical knowledge. This Centre stood as forefront on the leading Engineering dictator of local engineering issues and challenges through Engineering Institutes local Students' Chapters . The Centre has conducted many National Seminars & Conferences of various divisions of IEI. The Centre in joint collaboration with Pondicherry Engineering College (PEC) , Puducherry is proposed to host (as hold by this proposal) all India Seminar on the theme **Carbon Sequestration & Climate Change Mitigation**, on 26 th & 27 th of October 2017 under the aegis of Environmental Engineering Division of IE(I) and PEC, Puducherry, India.

Pondicherry Engineering College (PEC) , Puducherry

Pondicherry Engineering College (PEC) was established in the year 1984 under the seventh Five Year Plan with liberal seed grant from MHRD, Government of India. The institution is fully funded by the Government of Puducherry. It is autonomous for both administrative and academic purposes. The sprawling 210 acres beautiful campus of the institute equipped with the best of breed infrastructure provides an excellent environment to the students and scholars towards pursuing their academic education and research. The institute offers eight undergraduate, eleven post graduate and Ph.D programmes in the major disciplines of engineering and technology. Every year the college admits 450 students in UG programmes; 173 in PG programmes; 30 in MCA programme and 10 in M.Sc. and M.Phil. Material Science programmes. Currently, around 400 scholars are pursuing Ph.D. in various disciplines in the campus.



About the programme with objective, theme, sub-themes, call for papers, important dates, registration details, advertisement tariff, accommodation, venue etc.

Objective of the Seminar

The All India Seminar aims at constructive deliberations on the need of Carbon sequestration and climate change mitigation for a greener and newer steward roles and implementation for a Sustainable industrial growth & agriculture. This gathering aims at participation of maximum members of IEI, Industry, Academia to establish liaison between IEI, its members and policy makers. The Conference will pave way for connecting the professionals, researches and students community to interact and suggest means for handling the challenges in the field of development of clean and green atmosphere & mitigation of Climate change and is scheduled on at PEC, 26 th & 27 th of October 2017 Puducherry.

Theme of the Seminar

There is a growing awareness all over the world about the adverse impact of greenhouse gas emission and the consequent climate change. At the dawn of third millennium, greenhouse gases are widely accepted by international scientific community as one of the potential threats to the existence of human kind coupled with extinction of other flora and fauna. The greenhouse gases, CO₂ plays a lead role as it contributes to 50% of the total greenhouse effect. Though fundamental to life on earth, concentration of atmospheric CO₂ has increased from a preindustrial level of 280 ppm to 390 ppm and is increasing at a rate of 1.5 $\mu\text{L yr}^{-1}$ giving rise to an alarming situation. However, the challenges of climate change can be effectively overcome by the carbon sequestration. The proposed Seminar holds to sustain a long renewable resources for re-discovering sustainable newer Engineering solutions by waste management, cleaner production, Energy & Environmental policies . With this in mind the theme of the Seminar is coined as “**Carbon Sequestration & Climate Change Mitigation**”.

Sub Themes

- Global Warming
- Pollution Sources
- Natural Hazards
- Ocean and Climate Change
- Renewable Energy
- Energy and Environment Policies
- Climate Change and Public Health
- Carbon Sequestration
- Recycling and waste Management
- Ecology and Environment
- Carbon Cycle
- GIS and Remote Sensing
- Climate refugees
- Climate Solutions



Important dates:

Submission of Abstract	: 25.09.2017
Communication of acceptance of Abstract	: 30.09.2017
Submission of Full Paper	: 5.10.2017
Seminar Dates	: 26 th & 27 th of October 2017

Guidelines for submission of paper

Full length papers based on original work reporting innovations, plans for development, observations, findings, critical surveys and case studies are invited for discussion in the seminar. The paper should be related to the theme but need not be limited to the sub themes as indicated.

The paper should include abstract, key words and references. The paper should be prepared on A – 4 size sheet with a margin of 1.5 cm on all sides. Paper should be in MS word format, font size: 10 pt, Times New Roman and single line spacing. Length of the paper should not exceed 5 pages. The paper shall be sent for assessment of the technical committee. On acceptance of the paper, the author sending paper may be requested to edit, otherwise the technical committee will exercise its right to edit. Paper is to be sent in hard copy as well as softcopy on CD or through email. An undertaking has to be sent that the paper has not been published/ presented/submitted elsewhere. The accepted papers must be presented in the seminar by one of the authors of the paper duly registered as a delegate. All the co-authors need to be registered. Time allowed for the presentation will be 10 minutes. All presented papers will be included in the proceedings of the seminar on a CD.

Registration Fees:

All delegates and authors attending the seminar must register by filling the registration form and by paying the registration fees as follows.

Members of IE(I)	Rs.2000/-
Non members	Rs.2500/-
Students	Rs.500/-

- Registration fee includes copy of the proceedings on CD, Tea, Lunch and Dinner.
- The registration form along with documents of payment should be submitted to the

Sponsorship

Industry, Public Sector Enterprises, Government and Semi Government Organizations, Private Sector Companies, Education and R&D institutions, Consultants and Equipment manufacturers are requested to sponsor for successful conduction of the seminar. The names of the Sponsoring and Cosponsoring organizations will be displayed prominently at the seminar venue.

The tariff is as below

- Sponsors : Rs.50,000/- (5 delegates free, Banner in the seminar venue)
- Co-Sponsors: Rs.25,000/- (3delegates free, Banner in the seminar venue)



Travel and Accommodation

The delegates will have to make their own arrangement for travel. On prior request accommodation will be arranged. Contact: (Prof. R. Saravanane: 9487156037 and 9488518993)

Exhibition Stalls

An exhibition is planned to be arranged as part of this seminar for two days. Stalls of size 10 ft x 10 ft will be provided for display of products related to the theme of the seminar.

Rent: Rs 15000/- (Two free delegates will be allowed)

Payment:

All payments are to be made through crossed Demand Draft / Cheque, drawn in favour of “**Organising Secretary, PEC**” payable at Puducherry.

NATIONAL ADVISORY COMMITTEE

- Chairman** : Mr N B Vasoya, FIE, President, IEI
- Co-Chairman** : Mr Sanjay Sen, FIE, Chairman, ENDB, IEI
- Convenor** : Dr. R. Saravanane, IEI, Environmental Engineering Division, Puducherry State Centre (PSC).
- Members** : Prof.(Dr).S. Mohan, IIT Madras, Chennai, India
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Mr C J Jagadeesha, FIE, Member, ENDB, IEI
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Dr. Seshagiri Rao Ambati, NIT, Warangal, INDIA
Peter S. Hooda, Kingston University, London, UK
Mario A. Rosato, CEO, Sustainable Technologies, Italy
: Er. D. Giridhara Rao, Honorary Secretary, IEI, Puducherry State Centre

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- Chairman** : Dr. K. Pajaniradja @ Kichena, Chairman, IEI, Puducherry State Centre
- Organising Secretary** : Er. D. Giridhara Rao, Honorary Secretary, IEI, Puducherry State Centre
- Members** : Prof. R. Nakkeeran, Pondicherry University & Er. S. Suresh, PWD



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Dr. S. Govindaradjane, Prof, Civil, PEC

Dr. G. Vijayakumar, Prof, Civil, PEC

CONTACT

Name & address of the contact person : **Dr. R. Saravanane**
Professor
Department of Civil Engineering,
Pondicherry Engineering College
Puducherry – 605014

Phone : **Mb: 9487156037, 9488518993**

Email : ais.cscm@gmail.com
rsaravanane@pec.edu



Delegate Registration Form

All India Seminar on
“Carbon Sequestration & Climate Change Mitigation”

Organized by:

The Institution of Engineers (India)

Puducherry State Centre

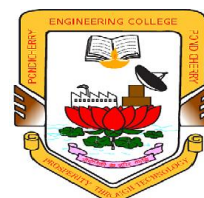
In association with

PONDICHERY ENGINEERING COLLEGE

Under the aegis of

Environment Engineering Division Board, IEI,

& Department of Civil Engineering PEC, Puducherry



Venue: Auditorium, PEC

Date: 26th & 27th October 2017

Name :

Designation :

Food Preference: Veg/Non-Veg

DD/Cheque No..... Amount: Rs.....

Drawn on:.....

Toward: Delegate fee / Sponsoring / Co-Sponsoring

Organization & Address:

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Signature :

Note: DD/Cheque should be drawn in favour of “Organising Secretary, PEC”, payable at Puducherry

Mail your registration form to:

Dr R. SARAVANANE

The Organizing Secretary,

Department of Civil Engineering

Pondicherry Engineering College (PEC),

Puducherry – 605024

Contact: 9487156037, 9488518993

Email : ais.cscem@gmail.com

rsaravanane@pec.edu