

ABOUT RAJASTHAN

Rajasthan is the largest state of the Republic of India by Area. It encompasses most of the area of the large, inhospitable Great Indian desert (Thar Desert), which has an edge paralleling the Sutlej-Indus river valley along its border with Pakistan. The state borders Pakistan to the west, Gujarat to the southwest, Madhya Pradesh to the southeast, Uttar Pradesh & Haryana to the northeast & Punjab to the north. Rajasthan covers an area of 3,42,239 sq km. The Proportion of the state's total area to the total area of the country is 10.41%.

ABOUT JAIPUR

Jaipur, well known as pink city of India is a heritage city. It is the capital of state of Rajasthan. The Jaipur city was designed and founded in 1727 AD by Late Sawai Jai Singh II. The entire city is encircled by a fortified wall and guarded by seven gates. There are several places of historical architectural and scenic interest in and around the walled city of Jaipur. The main amongst them are Hawa Mahal, Amber Fort, Galta Ji, Birla Temple, Jantar Mantar, Nahargarh Fort, Albert Hall, Chokhi Dhani, Ram Niwas Park etc. Watching a movie at Raj Mandir Theatre can be a life long experience. This diverse land of royals is a treat for tourist from all over the world.



HOW TO REACH SEMINAR VENUE

From Jaipur Railway Station & Bus Stand (Sindhi Camp): Jaipur Railway Station & Jaipur Bus Stand are very close by and are about 25 km. from the Conference Venue. Prepaid Auto Rickshaws / Taxis are available just outside the Railway Station/Bus Stand. Landmark close to the venue is Mahatma Gandhi Hospital. Auto Rickshaws / Taxis will charge about ₹ 250/400 to reach the venue.

From Jaipur Airport : Jaipur Airport is around 12 km. from the Conference venue. Auto Rickshaws / Taxis are available just outside the Airport. Auto Rickshaws / Taxis will charge about ₹ 200/250 to reach the venue.



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National Seminar On

TECHNOLOGICAL ADVANCES & THEIR IMPACT ON ENVIRONMENT

APRIL 22, 2014

NSTAIE -2014



In Association with



Indian Society for
Technical Education



Intellectuals Society for
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Organized by



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ABOUT THE INSTITUTE

Poornima College of Engineering (PCE) was established in the year 2000. There are seven B. Tech courses (CSE, ECE, EE, EIC, IT, ME & CIVIL), along with two M. Tech courses (CS & VLSI). In a span of thirteen years PCE has added many feathers in its cap and has emerged as the top notch destination for technical education in Rajasthan.



- An institution with ECE, CS, EE & ME departments NBA accredited.
- First private Engineering College in Rajasthan accredited by Tata Consultancy Services (TCS) for regular campus placements.
- Tie-up with INFOSYS for Campus-Connect Program.
- PCE was declared centre of excellence by IBM systems private limited.
- PCE has ISTE, ISHRAE, NEN, IETE & ISLE student chapters.
- PCE has institution life membership of the Institutions of Engineers (INDIA).
- PCE has in house P-PROSKEP Programme for multidisciplinary development of students.

IMPORTANCE OF THE EVENT

In the past one decade, Environmental concerns have been growing and the protection of the biosphere has become a global issue. Rapid industrialization and population explosion coupled with polluting technologies, causes increased levels of toxicant emissions. This situation has warranted the need for conserving the natural resources and subsequently the pollutant emissions and thereby maximizing the product output. This necessitates the need for a systematic study of material conversion process alternatively known as Life Cycle Assessment by identifying the pollution prevention strategies. The improper disposal and/or spillage of wastes, both by domestic and industrial sectors, are contaminating the water and land resources severely. With increasing human interference with the environment, the present Era is at risk. Therefore in order to protect and sustain the environment, the present seminar is being proposed to understand the dynamics of the Environment under changing scenario and to address the challenges concerning to Climate Change.

ABOUT ISST

The organization aims at undertaking, aiding, co-coordinating and promoting Research and Development. It provides academic and professional guidance, advice and consultancy in the field of Basic Education, Higher Education as well as in the Technical Education Research. Apart from this, ISST collaborates with other National & International institutions, organizations and associations for more efficient functioning and fulfillment of its aims. To achieve the objectives we take-up the following activities and methodologies:

To promote research and documentation in multifarious subjects of Science, Engineering Technology and Management. To organize Lectures, Seminars, Conferences, Workshops, Training Programs and Audio-visual programs for the students, academicians and working professionals. To publish quality Journals, Books for the disseminating of knowledge regarding these subjects. To bestow honorary memberships, prizes and awards to recognize people who have made exceptionally notable and distinguished contributions in their respective fields.

Conserve Water Reduce e-waste Save Environment

THE OBJECTIVES OF THE SEMINAR

- To create awareness and enrich the delegates about the present scenario of environment.
- To interact on the various aspects of the causes, status and solutions to the dilemma of environmental degradation.
- To focus on successful industrial practices in Environmental pollution management.
- To guide the common people towards an improved understanding of the impacts caused due to environmental pollution
- To impart thrust towards the interdisciplinary strategies and adding more teeth to the inquisitive nature of the participants for identifying new research opportunities in probing and solving the wide range of day-to-day environmental problems encountered in nature.
- Awareness in users to a wide range of techniques, viz. simple to broad, related to conservation of natural resources in day-to-day life

BROAD SUB-THEMES OF THE SEMINAR

- Mining & Industrial Developments
- Pros & Cons of Urbanization
- Agricultural Practices; Green Revolution
- Water Resources Development
- Waste Management; Reuse & Recycling
- Energy Sector
- Fossil Fuels Devastation; Bio Fuel Restoration
- Renewable Energy & Waste to Wealth
- Thermal & Nuclear Power Project
- Green Chemical Technology
- Conservation of Biodiversity
- Ecodegradation & Remediation Strategies
- Population Growth & Sustainable Development
- Environmental Education
- Corporate Responsiveness & Environmental Concern
- Environmental Impact Assessment
- Environmental Etiquettes & Ethics

REGISTRATION

At least one of the author of reviewed and accepted paper is required to register for presenting the paper in the seminar. The paper without registration will not appear in the proceeding. The registration may be confirmed on the receipt of duly signed registration form along with Demand draft for registration fees, in favor of **“Poornima College of Engineering”, payable at Jaipur.** The registered out station delegates may be provided, on request, boarding and lodging in students hostels on nominal charges.

REGISTRATION FEES

Delegate Type	Delegate	Registration	Members of IEEE/ISTE/IETE/IE
A	Industrial & Other delegates	₹ 1000/-	₹ 750/-
B	Faculty members	₹ 600/-	₹ 500/-
C	Student / Research Scholars (Ph. D, M.Tech, M.Sc.)	₹ 400/-	₹ 300/-
D	Student (U.G)	₹ 250/-	₹ 150/-

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SUBMISSION OF PAPER

Please send a soft copy of your unpublished manuscript (Full paper) in Times New Roman with font size 12 in MS Word. (.doc or .docx file only) to the convener by March 20, 2014 at nstaie14@gmail.com. All papers will be reviewed by the experts in relevant areas and reviews will be forwarded to the authors.

Selected papers will be published in ISST Journal www.isst.org.in
Best Paper Award for Academicians & Best Paper Award for Research Scholar

DATES TO REMEMBER

Paper Submission Deadline	:	March 20, 2014
Acceptance Notification	:	March 30, 2014
Registration Deadline	:	April 10, 2014

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**National Seminar on
TECHNOLOGICAL ADVANCES
& THEIR IMPACT ON ENVIRONMENT**

APRIL 22, 2014

NSTAIE -2014

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(In block letters)

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