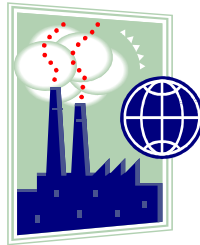


NATIONAL CONFERENCE ON ENVIRONMENTAL CONSERVATION

(NCEC-2006)



September 1-3, 2006

Sponsored by

Ministry of Environment & Forests (MoEF) – New Delhi

All India Council for Technical Education (AICTE) – New Delhi

Department of Science & Technology (DST) – New Delhi

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Council of Scientific and Industrial Research (CSIR) – New Delhi

Organized by

Birla Institute of Technology and Science (BITS)

PILANI - 333031 (Rajasthan)



INTRODUCTION

There is a severe pressure on Natural Resources globally due to the high demands of ever increasing population. The Natural Resources are converted into an effective product/service through an appropriate Technology. The wide ranges of waste streams including pollutants from automobiles that are generated in the process have been contaminating the environment. The need of the hour is to conserve 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 alternately known as Life cycle assessment for identifying the pollution prevention strategies. Industrialization is essential for economic growth of the country. However, a systematic planning is essential using the state-of-the-art techniques for identifying the proper location or zoning of industries without much disturbance to the local environmental resources and quality considerations. The improper disposal and/or spillage of wastes, both by domestic and industrial sectors, are contaminating the water and land resources severely. It is necessary to decontaminate these sources using state-of-the-art techniques available in the subject and reuse them. The Ministry of Environment and Forests (MOEF) has introduced Environment Protection Act in 1986 and later on added many provisions to it to make it powerful in monitoring the environmental pollution problem in the country. Environmental conservation can successfully be achieved through proper coordination among various agencies involved in Government monitoring the environmental pollution, common public and scientific & industrial communities.

OBJECTIVES

- To expose the potential areas of Environmental conservation through conservation of material (or resources) and energy flows using state-of-the-art approaches.
- To highlight the impacts of global pollution problems emphasizing on the systematic planning necessary for waste minimization and industrial growth with pollution prevention approaches.
- To focus on successful industrial practices in environmental pollution management.
- To disseminate the practices available for spillage management which is essential in the reclamation of the most important and rapidly contaminated resources such as soil and water.
- To guide the common public towards (1) an improved understanding of the impacts caused due to environmental pollution, (2) techniques available for pollution mitigation, and (3) the role of public towards achieving a clean environment.
- To impart thrust towards the inter-disciplinary approach essential to solve the wide range of day-to-day environmental problems encountered in nature.

BROAD AREAS

- Prevention and Management of Water/Air/Noise Pollution
- Automobile Pollution
- Domestic/Industrial Waste Treatment
- Rainwater Harvesting
- Hazardous Waste Management
- Solid Waste Management

- Recovery/Recycle/Reuse of Wastes
- Renewable Energy Sources
- Life Cycle Assessment
- Spillage Management
- Soil Remediation
- Systems Approach in Environmental and Water Resources Management
- Environmental Hydrology
- Waste Minimization Techniques such as Product/Process Modifications
- Community Participation
- Environmental Guidelines and Impact Assessment
- Applications of Remote Sensing and/or Geographical Information Systems in Environmental and Water Resources Management

WHO SHOULD ENROLL

- Academicians
- Researchers
- Industrial Personnel from Chemical, Power & Energy, Automobile Metallurgical, and Allied Industries
- NGOs
- Administrative Officers in State and Central Government Regulatory Boards such as Pollution Control Board, Ground Water Department, Irrigation Department, Urban Water Supply & Sewerage Boards, Power Generation Board, etc.
- Practicing Engineers

BENEFITS FROM CONFERENCE

- Knowledge-sharing experience in terms of the techniques and practices in mitigating and monitoring environmental pollution
- Awareness in users to a wide range of techniques, viz. simple to broad, related to conservation of natural resources in day to-day life
- 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 through inter-disciplinary approach

CALL FOR TECHNICAL PAPERS

Extended abstracts, not exceeding 500 words, of technical papers are invited covering the broad areas of conference. The extended abstracts should clearly indicate the objective, methodology, and the anticipated/achieved results of the study. They should be neatly word processed (Times New Roman-12 points, double-spaced, A4 size) and sent to the Organizing Secretaries the softcopy by email/CD and the hardcopy by post.

IMPORTANT DATES

Submission of Extended abstract	: 15th February, 2006
Intimation of acceptance	: 28th March, 2006
Submission of full paper	: 1st July, 2006
Re-submission of full paper incorporating changes	: 31st July, 2006
Submission of filled-in registration form & travel plan	: 15th August, 2006

ACCOMMODATION

Limited accommodation is available on first-come-first-serve basis in VFAST Hostel (Guest house) in the Institute campus.

Tariff per day for Twin-sharing A/C : Rs. 600

Tariff per day for Twin-sharing Non A/c : Rs. 360

Few private lodges are also available near the Institute with reasonable charges.

REGISTRATION FEES

- Delegate from University/Industry/NGO/
Scientific laboratory/Practicing Engineers : **Rs. 1500**
- Student delegate : **Rs. 750**
- Spouse : **Rs. 750**

Payment should be made through Demand Draft favoring “**Birla Institute of Technology and Science, Pilani**” payable at State Bank of Bikaner & Jaipur or UCO Bank at Pilani.

SPONSORSHIP OPPORTUNITIES

Limited Sponsorship opportunities are available for sponsoring the conference in part. There can be a free registration to the delegate(s) depending upon the amount of sponsorship as per the details given below:

- **Conference Major Sponsor:**
 - Entitled for all possible means of advertising in the conference website, and all the flyers, souvenirs, proceedings etc. published after the date of sponsorship grant receipt
 - Enabled to display/demonstrate their products during the lunch/tea/special sessions at the Conference site
- **Conference Co-sponsor:**
 - Two free delegates and mention by banner and in the Proceedings : Rs. 20,000/-
 - One free delegate and mention by banner and in the Proceedings : Rs. 15,000/-

Interested people/ organizations should contact the Organizing Secretaries.

ABOUT THE INSTITUTE

Birla Institute of Technology and Science (BITS) – Pilani (Home page: <http://www.bits-pilani.ac.in>), which is located in Rajasthan, is an all-India Institute for higher education deemed to be a University by Government of India. It is privately supported, fully residential Institute for both men and women. It has campuses at Pilani, Goa and Dubai. A new campus is coming up at Hyderabad, which is likely to be functional by August, 2007. BITS - Pilani is a renowned national Institution for its unique pedagogy and both on-campus and off-campus academic activities. The Institute has established various interdisciplinary centers to undertake education, research, development and extension activities in the respective areas of concern. The Institute has also introduced and developed many innovative flexibilities such as Dual degree, Practice School (University-Industry linkages), and Off-campus distance learning and collaborative programmes.

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REGISTRATION FORM

1. Name:
2. Sex (Male/Female): Date of Birth:
3. Designation:
4. Organization:
5. Mailing Address:
.....
.....
6. Telephone: (Office): (Res.):
(Mobile):
- Fax:
- Email:
7. Academic Qualification:.....
8. Presenting a paper: Yes/No
9. Spouse accompanied: Yes/No

Payment of Registration fee: Registration fee is payable by a demand draft in favor of Birla Institute of Technology and Science, Pilani, payable at State Bank of Bikaner and Jaipur, Pilani or UCO Bank, Pilani.

Draft No:

Dated:

Signature of the Participant