

FIRST ANNOUNCEMENT

INDIAN NATIONAL ACADEMY OF ENGINEERING
CONFERENCE

on



Supported by

Council of Academies of Engineering and Technological Sciences (CAETS)
and
Indian Institute of Technology Madras (IIT M)



(INAE)



(CAETS)



(IIT M)

Conference Objectives

In recent years, Engineering Academies of several countries have identified Engineering Education as one of their major issues of concern. There are some which are common to several countries, and others which are specific to each country or region.

There have been significant changes in the practice of Engineering as a Profession, coinciding with the dawn of the new millennium. The principal driving forces have been, among others:

- Constraints imposed by environmental considerations
- Customization demanded by diverse customers
- Opportunities offered by technology developments in several sectors
- Availability of sophisticated diagnostic and computational tools
- Wide choice of materials
- Implications of globalization, such as for example, innovation as the basis of competitiveness

It is clear that business-as-usual strategies, systems and processes will not be able to prepare our Engineers for responding to the emerging challenges and opportunities. Since the gestation and lead times in Education are inherently long, we need to take quick decisions and act promptly if we are to achieve the desired outcomes **speedily**.

Call for Papers

Papers are invited from CAETS Member Academies on the listed themes of the Conference, limited to a maximum of two papers from each Academy. Contributions are also invited from eminent INAE Fellows, INAE Lifetime Contribution Awardees, eminent persons from the R&D, Industry and Government Sectors. Papers are to be formatted in MS word or PDF to fit A4 size page in single line spacing (12 pt Times New Roman font) and sent by e-mail. Please indicate affiliation with address, e-mail, telephone and Fax numbers. **Deadline for submission of papers is February 1, 2007.**

Themes of the Conference

- Future/emerging trends and directions
- Role of CAETS and National Academies of Engineering
- Curricular issues
- Quality and Accreditation Issues
- Stakeholder relationships
- Institutional governance and development issues
- Globalization and Internationalization issues
- Alternative Engineering Education models

Details of sub-headings on each of the major themes are available on the website: www.inae2007.iitm.ac.in

Indian National Academy of Engineering (INAE)

The Indian National Academy of Engineering (INAE), founded in 1987, comprises India's most distinguished engineers, engineer-scientists and technologists covering the entire spectrum of engineering disciplines. It aims to promote and advance the practice of engineering and technology, related sciences and disciplines and their applications to problems of national importance. INAE also encourages inventions, investigations, and research in pursuit of excellence in the field of Engineering.

Council of Academies of Engineering and Technological Sciences (CAETS)

The Council of Academies of Engineering and Technological Sciences (CAETS) is an independent non-political and non-governmental international organization. The Council provides a forum for the consideration of technology-related issues of global significance.

CAETS' mission is to foster effective contributions to engineering and technological progress for the benefit of all nations. This mission recognizes the increasing dependence of nations on technology for the advancement of their economic and social welfare. CAETS works to achieve its aims by:

- providing an international forum for discussion and communication of engineering and technological issues of common concern;
- fostering cooperative international engineering and technological efforts for the development of programs of bilateral and multilateral interest;
- encouraging the improvement of engineering practice internationally;
- fostering the establishment of additional national engineering academies in countries where none exist; and
- contributing to the strengthening of engineering and technological activities in order to promote sustainable economic growth and social welfare throughout the world.

Indian Institute of Technology Madras (IIT M)

Indian Institute of Technology Madras is one of the premier Institutions of national importance in higher technical education, basic and industrial research. It was established in 1959 by the Government of India with assistance from Germany. IIT M is a residential institute with nearly 370 faculty, 5000 students and 800 administrative and supporting staff. It is a self-contained campus located in a beautiful wooded land of about 250 hectares with extensive flora & fauna. The campus was carved out of a natural forest that formed a part of the Guindy National Park, and has about 300 varieties of trees and is home to a large number of native wild species of fauna. The Institute has 16 academic departments and advanced research centers in various disciplines of Engineering and Science with over 100 laboratories. The campus is conveniently located at a distance of 12 km from the airport with domestic and international terminals next to each other, and 15 km from the railway station.

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About Chennai

Chennai is one of the four metropolitan cities of India where tradition meets technology. Spread over 200 square kilometers, with the Bay of Bengal on the east, the city is the south-eastern gateway to India and is well connected by air, sea, rail and road. It is the capital city of Tamil Nadu State and is rapidly growing into an industrial hub for automotive and IT sectors. Several major international airlines have regular direct flights to Chennai. There are many tourist attractions in and around Chennai such as Marina Beach, ancient temples and popular sightseeing places. Places of Interest in other parts of India are Taj Mahal, Goa (known for its beaches and churches), Jaipur (pink city) and the great chain of mountains, the Himalayas.

Tour Programmes

Local tours and trips to places of interest can be arranged for Spouses and Participants, if there is sufficient interest.

Accommodation

Limited number of suites and rooms are available for participants in the two IIT Madras guest houses on first-come-first-served basis.

There are several five-star hotels in the city, information about which is available at the following Website:

www.hotelsinchennaiatmadras.com

Reservation may be made by contacting the hotels directly.



Registration Fees

Participants from Abroad	US \$ 200
Spouses of Foreign participants	US \$ 100
Indian Delegates	Rs. 2000
Registration fee should be paid through crossed Demand Draft drawn in favour of IIT Madras payable at Chennai	

Dates & Venue

- ✦ Dates : March 1 (Thursday) & 2 (Friday), 2007
- ✦ Venue : IC & SR (Industrial Consultancy & Sponsored Research) Auditorium, IIT Madras, Chennai 600 036



Contact Details

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