

**CALL FOR PAPERS
AND
REGISTRATION
International conference
On
Multidisciplinary Aspects
Of Engineering
IMAE05
Focal theme
Role of electronics Engineering**

ORGANIZER

**Pune Institute Of Engineering And
Technology**

Cosponsored by

**The Institution Of Electrical
And Electronics Engineers
Women In Engineering
Affinity Group
Bombay Section
&
The Institution Of Electrical
And Electronics Engineers
AES/LEO/Comp Society Chapter
Of India
&
Pune Institute Of Engineering And
Technology Alumni Association
COEP
&
IEE Bombay section**

On 7- 8 January 2005

**Venue
Hotel Le- Meridian
Prin. V.K.JOG PATH
Pune 411001**

**SESQUICENTENARY YEAR OF
P.I.E.T. PUNE**

Salient Features of IMAE05

- **Invited Talks**
- **Panel discussion**
- **Publication:**
- **Tutorial by Experts in the field**
- **Case studies** Community development

About PIET

Pune Institute of Engineering and Technology, formerly known as 'Government College of Engineering, Pune' is established in the year 1854. It is one of the oldest and premier engineering institutions in India. College of Engineering, Pune, has set up a great tradition of producing eminent engineers who are competent and committed to the high professional standards in the field of engineering and technology.

About IEEE WIE Affinity Group

The IEEE is a non-profit, technical professional association of more than 380,000 individual members in 150 countries. Through its members, the IEEE is a leading authority in technical areas ranging from computer engineering, biomedical technology and telecommunications, to electric power, aerospace and consumer electronics, among others.

The objective of Women in engineering affinity group (WIE) is to help, support the advancement of women in technical and scientific profession and recognize achievements of women in this field.

Conference Theme

Multidisciplinary approaches in research and industry parallel the growing needs for engineers in contemporary environments. Engineering increasingly relies not only on the ability to arrive at a technical solution, but also solutions that concurrently address multiple goals. These multiple goals necessitate interdisciplinary skills. International exchange of ideas and knowledge in engineering field with absolutely no barriers of either discipline, domain or field in technological applications.

The emphasis will be on, effective communication and collaboration of multidisciplinary skills. There is a pressing need for multidisciplinary research and applications in industry. Civil, Mechanical, Metallurgy, Instrumentation, Electronics and Communication, Computer and Information Technology are not independent fields, but are merging together. Electronics and Computer Engineering have applications in practically every field of engineering.

**CALL FOR PAPERS
AND
PARTICIPATION:**

Full papers are invited on the topics listed below or any other topics relevant to the theme of the conference. Relevance of all the fields should be based upon electronics and computer engineering.

Electronics and Telecommunication:

Neural Network, Fuzzy Systems, Image and Signal Processing, VLSI, Embedded Systems, Bio informatics, Mobile Computing, M-Business.

Electrical:

Energy Conservation, Alternative Energy Sources, Power System Controls, Recent trends in drives.

Instrumentation:

Biomedical Instrumentation, Process Control, Internet telephony

Computers:

Artificial Intelligence, Networking, Linux Administration, Software Engineering, E-commerce and Internet, Computer Graphics.

Information Technology:

Computer vision, Software testing and Quality Assurance, Software Architecture and design.

Mechanical:

AUTO CAD, CAD/CAM, Robotics.

Civil:

Remote sensing, GIS, Atmospheric Modeling.

Applied Mechanics:

Instrumentation for Civil Engineering.

Metallurgy:

Image processing for metallurgical inspection (NDT).

SESQUICENTENARY CELEBRATIONS OF
PUNE INSTITUTE OF ENGINEERING AND
TECHNOLOGY (Formerly GOVT. COLLEGE
OF ENGINEERING PUNE)

Instructions To Contributors

Full paper is to be sent by Email in pdf to
(imae05@extc.coep.org.in or
dandawate@ieee.org or
khambete_kh@hotmail.com

The conference is open to all IEEE and non-IEEE members however women engineers are encouraged to write.

SOUVENIR

A souvenir will be released during seminar, which will contain reports on major activities of IEEE – WIE. Invited and contributed papers messages from dignitaries and advertisement. Sponsors and advertisers are invited to send the material and draft on the name “IEEE WIE Affinity group Bombay section” payable at Pune .For registration, a draft should be sent on the above-mentioned name.

Registration

IEEE members-	Rs.1200
Alumni COEP members	Rs.1200/-
IEEE- WIE members-	Rs. 1100/
Non IEEE members	Rs. 1500/
Student IEEE members	Rs. 600/-
Student non-IEEE members	Rs. 650/
Foreign delegates	100\$

For Tutorial Only

Student IEEE members	Rs. 300/-
Student non-IEEE members	Rs. 400/-

Important Dates

Submission of full paper along with abstract	30 th Sept 2004
Submission of tutorial topic With abstract	10 ^h Oct 2004
Intimation of acceptance Of paper	15 th Nov
Registration of delegates	10 th Dec 2004

For further details contact

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