

Registration form

**National Conference
on
Advanced Computational
Methods in Electrical
Engineering
(ACMEE-2016)**

March 25 -26, 2016

Patron : Professor V. K. Jain, Director
Chairman : Professor J.S. Dhillon, Head
Co-Chairman : Professor A.S. Arora
: Professor S. Marwaha

TEQIP-II

Sponsored

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on
Advanced Computational
Methods in Electrical
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National advisory committee

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- Professor Bhim Singh, IIT, Delhi
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- Professor Y.S. Brar, GNDEC, Ludhiana
- Prof. Lakhwinder Singh, BSBEC, Fatehgarh
- Professor Vijendra Singh, NSIT, Delhi

Important dates

| | |
|--|---------------------|
| Submission of full length camera ready paper | : February 20, 2016 |
| Information of acceptance of paper | : March 01, 2016 |

For any information, please contact:

Coordinator : Mr. Manmohan Singh,
: Mr. Diljinder Singh

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Family name | First name | Middle name

Organization: _____

Postal address: _____

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Registration fee details

Demand draft number: _____

Demand draft date: _____

Issuing bank branch: _____

Contribution entitled _____

Accommodation: Yes No

Date: _____

Place: _____ Signature

Organized by



Department of Electrical & Instrumentation Engineering
Sant Longowal Institute of Engineering & Technology
(Established by Govt. of India, Deemed University)
LONGOWAL-148106, District – Sangrur (Punjab)

About the conference

Application of Computational methods is an ever growing field that deals with the development and application of computational algorithms, models and simulations, often coupled with high-performance computing, to solve complex physical problems arising in engineering analysis and design as well as natural phenomena. In Electrical engineering field, computer simulation is integral and therefore essential to education and research. Computer simulation provides the capability to enter fields that are either inaccessible to traditional experimentation or where carrying out traditional empirical inquiries is prohibitively expensive. The research in current scenario advocates the research and the diffusion of the scientific and engineering knowledge, especially in the areas of mathematics, computer science and electrical engineering as well as their interaction to other sciences. This conference focus is on the application of advanced computational engineering / methods in Electrical engineering with subfields including electronics, digital computers, power engineering, telecommunications, control systems, biomedical, radio-frequency engineering, signal processing, instrumentation, microelectronics. The subject of electrical engineering is often treated as its own subfield but it intersects with all the other subfields, including the power electronics of power engineering. Aim of this conference is to promote the development and the unified consideration of new mathematical methods and computational techniques as well as their applications in electrical engineering.

Conference objectives

- To provide a forum for researchers, educators, students, and contributors to exchange ideas as well as to communicate and discuss research findings and new advancement in mathematical and computational intelligence in electrical engineering.
- To explore possible avenues to foster academic as well as technological activities.
- To promote and encourage exchange of ideas on recent discoveries in the field of electrical engineering through the application of mathematical and computational intelligence.

Conference topics

Contributions are expected from the following topics, but not limited to these:

- Modelling and simulation
- Computational techniques
- Performance analysis and prediction
- Circuit analysis & Synthesis
- Design and optimisation
- Computational electromagnetics
- Biomedical engineering
- Electrical power issues
- Electrical/Electronics applications
- Image, Speech and Video Processing and Analysis
- Pattern Recognition and Analysis
- Computer Networks
- High Performance Computing
- Signal Processing
- Data Mining Applications

Call for papers

Submissions are invited for unpublished full papers in IEEE manuscript format, not exceeding 12 (twelve) pages through the email: acmee_sliet@outlook.com. Papers would be assumed to be screened at authors end for possible plagiarism and then rigorously reviewed by two eminent experts, for technical merit, novelty/originality of the contribution and clarity in presentation. By submitting the paper to the conference, the authors thereby agree to observe the ethics in publication. All the authors/participants are required to register before 10th March 2016. The registration fee includes access to all technical programs, a copy of proceedings, conference kit, lunch, tea, snacks etc. Accommodation is not included in the registration fee.

| Registration type | Amount |
|---------------------------|-------------|
| Academician authors | Rs. 1000.00 |
| Student authors | Rs. 500.00 |
| Delegates from industries | Rs. 2000.00 |

About the Institute

The institute was established by Ministry Of Human Resource and Development (MHRD), Govt. of India in the year 1989 and was formally inaugurated on 20th December 1991. The institute has a sprawling area of 451 acres of land provided by Punjab Government. Surrounded by lush green land, the campus of the institute extends a beautiful and well developed area with many topographically featured picturesque landscape, numerous buildings of various nature and stature and metal road network. The campus presents a spectacle of harmony and natural beauty. It is embedded with all the amenities required for a complete township.