

United Institute of Technology

Allahabad, India

and

Asian Institute of Technology

Bangkok, Thailand

in association with

IEEE Joint Chapter

of IE/PEL/CS under IEEE UP section

Present



ICCCCM-2013

IEEE Sponsored International Conference

on

**Control, Computing,
Communication & Materials**

August 03-04, 2013



The **United Group**, founded by late Shri Shiv Ram Das Gulati in 1951 entered into the education arena in the mid 80s by being the pioneers in computer education. Now, with 9 well established institutes in Allahabad and Greater Noida, more than 9000 students and more than 600 faculty members, the United Group of Institutions is poised to reach the next level providing the best technical education and is primed to continue taking the world of quality education to the highest attainable limits. All the institutions are affiliated to the G.B. Technical University, Lucknow & Mahamaya Technical University, Noida and are approved by All India Council for Technical Education (AICTE), Ministry of Human Resources Development, Government of India, New Delhi.

United Group of Institutions conducts B. Tech. course in Electrical, Electronics & Communication, Electrical & Electronics, Computer Science, Information Technology, Civil, Mechanical, Production and Electronics & Instrumentation Engineering at the undergraduate level. Besides, it also conducts Masters level programs in Engineering and Management studies. United focuses on pro-active and experiential learning by initiating and nurturing multifarious sponsored research projects across the globe and frequently organizing conferences / seminars, workshops, symposia etc. United Institute of Technology is located in Naini, Allahabad with landscaped stunning campuses, creating a peace of mind and academically inductive environment. United believes in taking the course of progress in the fields of technology and management to the pinnacle with a motto of 'Nurturing the young minds today, who will create history tomorrow'.



The **Asian Institute of Technology (AIT), Bangkok**, is an international institution for higher education in engineering, advanced technologies, and management and planning. It promotes technological change and sustainable development" in the Asia-Pacific region, through higher education, research and outreach.

School of Engineering & Technology (SET), is meant for Engineering or Science students only. Management students can opt for SOM (School of Management), which is a part of AIT. Not only this, SERD (School of Environment, Resources and Development) offers courses designed for an environmentalist as well. Founded in 1959 as SEATO Graduate School of Engineering with a mission to develop highly qualified and committed professionals who will play a leading role in the sustainable development of the region and its integration into the global economy, it leads the major areas of research and development. The Department of Remote Sensing and Geographic Information System excels in planning, monitoring, and management of environmental and natural resources utilization at the country, regional and global level through the use of geoinformatic technologies such as Remote Sensing (RS), Geographic Information Systems (GIS) and Global Positioning System (GPS). The Telecommunications Department (TC) educates students in the design, implementation and development of telecommunication networks and related applications thereby aiming to foster National development. The Department of Water Engineering and Management (WEM) imparts education and training towards an understanding of the complexity of water cycle, utilization and management. Some of the other departments working towards similar goals include Information Technology (IT), Mechatronics, Disaster Management, Nanotechnology to mention a few.

PRAYAG CITY

Allahabad



Allahabad, anciently known as "Prayag", is a city in the North Indian State of Uttar Pradesh in India. Allahabad meaning 'adobe of God' – is the city of Sangam – the confluence of three rivers – Ganga, Yamuna and the mythical Saraswati. Important religious places such as Varanasi, Chitrakoot, Ayodhya, Vindhyachal etc. are located within 150 km from Allahabad. The city contains many temples and palaces. Allahabad hosts largest auspicious religious gathering in the world known as 'Maha Kumbh Mela' which is celebrated once in twelve year and 'Ardh (half) Kumbh Mela' is celebrated every six years. The most prolific and prominent writers of hindi literature – Suryakant Tripathi Nirala, Sumitranandan Pant, Mahadevi Verma, Harivansh Rai Bacchan, Firaq Gorakhpuri, Dharmveer Bharti etc. and freedom fighters like Pt. Jawahar Lal Nehru, Madan Mohan Malviya and Purushottam Das were nurtured on this very land.

Allahabad is known for education since eons. The city is well known for its high quality educational institutes such as Central University of Allahabad, which has earned the epithet of 'Oxford of East', MNNIT, IIIT, two open Universities: Uttar Pradesh Rajarishi Tandon Open University (UPRTOU) and Indira Gandhi National Open University (IGNOU), and several other research & technical institutes and colleges which make every one turn to this education hub.

Call for Papers

Original and high quality research papers are solicited in the following areas specified under the subthemes of the Conference:

Tracks of Interest / Expertise

Electrical & Electronics Section:

- VLSI Technology
- Micro waves & Optical Wave Guides
- Simulation & Modeling
- Control & Instrumentation
- Power Electronics
- Wireless Communication

Computer Science Section:

- Analysis & Optimization Techniques
- Geographic Information System (GIS)
- Image Processing
- Wireless Communication
- Evolutionary trends in Genomes
- Information Security: Management and Standards

Applied-Mechanical Section:

- Computational Mathematics
- Nano Sensors
- MEMS & NEMS Devices & Applications
- Inkjet Design, Materials & Fabrication
- Micro & Nano Fluidics
- Emerging trends in Applied and Material Sciences

Eminent scientists and engineers from India and abroad will deliver expert lectures on above topics. Both academia and industries are invited to present their papers dealing with state-of art research and future developments.

Participation Open to

- Scientists, Professors, faculty from academia, R&D and industry personnel, Research Scholars & Fellows in Management, Science & Technology.
- Postgraduate & Undergraduate students of Science, Technology, Management and allied disciplines.

Highlights of the Conference

- High quality papers presented in ICCCCM, conforming to the IEEE standards would be submitted for inclusion into IEEE Xplore Digital Library.
- Extended version of selected papers that are presented at the conference and invited talks will be recommended for the publication in special issues of peer reviewed international journals.
- Best Paper Award will be conferred at the conference for high quality papers presented by the academicians / researchers / scholars in the oral / poster session of the conference.

Registration

- An author will have to register himself/herself for the presentation of its accepted paper on or before July, 20, 2013 and at least one registration among the authors of each paper is necessary.
- Multiple authors can also register for the same paper but each author will have to pay same registration fee separately. The certificate and conference kit will only be given to registered authors.
- After successful registration, no cancellation of registration and no refund of registration fee are possible.

Invited Speakers

- **Dr. Matthew Dailey**, Computer Science & Engineering, AIT, Bangkok
- **Dr. Nitin K. Tripathi**, ICT-Leader, SET, AIT, Bangkok
- **Dr. Masahiko Nagai**, Japanese Aerospace Agency
- **Prof. A. B. Samaddar**, Director, NIT, Sikkim
- **Prof. K. K. Bhutani**, Director, UPTEC, Allahabad
- **Prof. Sanjeev K. Khanna**, University of Missouri, Columbia, USA
- **Prof. A. K. Mishra**, MNNIT, Allahabad
- **Prof. A. K. Tripathi**, IIT, BHU, Varanasi
- **Prof. M. M. Gore**, MNNIT, Allahabad
- **Prof. Sunita Agrawal**, MNNIT, Allahabad
- **Prof. Ishwar Singh Tyagi**, IIT, Roorkee
- **Prof. K. P. Singh**, IIT-BHU Varanasi
- **Prof. J. N. Sinha**, IIT-BHU Varanasi
- **Prof. S. Chatterjee**, IIT-BHU Varanasi
- **Prof. T. K. Dey**, IIT Kharagpur
- **Prof. Rajeev Tripathi**, MNNIT, Allahabad
- **Dr. Dhananjay Singh**, Hankuk (Korea), University of Foreign Studies, South Korea
- **Prof. K. K. Chatterjee**, IIT-BHU, Varanasi
- **Prof. S. Chatterjee**, NITTTR, Chandigarh

Registration Category	Registration Fees
Regular Author Non-IEEE Member	Indian Rs. 4,000 Foreign USD 100
	IEEE Member
Student Author* Non-IEEE Member	Indian Rs. 3,000 Foreign USD 80
	IEEE Member
Authors from UGI / Participants Non-IEEE Member	Rs. 1000
	IEEE Member

* The student should provide proof of identity (only full time students are eligible) from their respective Institutions at the time of registration. Else they must register as usual Author (full payment).

* For Authors Instructions, Online paper submission and Registration, kindly visit ICCCCM website: <http://www.united.ac.in/iccccm2013>.

Payment Modes

- **Through Demand Draft (DD):**

Registration fee should be paid in the form of Demand Draft in favor of: "ICCCCM 2013" payable at Allahabad, India.

- **Through Electronic Fund Transfer:**

Bank Name : United Bank of India
Bank Branch Address : United Tower, 53,
Leader Road, Allahabad

IFSC Code : UTBI0ALL501
MICR Code : 211027002
Branch Name : Leader Road Branch
Account Name : ICCCCM 2013
Account Number : 0269013215551

NOTE:

- Registration fees include the cost of Registration kit, Proceedings in CD, Lunch, Dinner and refreshment during the Conference.
- The printed copy of signed online Registration Form along with Demand Draft / Online payment proof should be sent so as to reach before July 25, 2013 by post. (please refer 'Contact us')

Important Dates

Deadline for paper submission : June 15, 2013
Paper acceptance notification : July 12, 2013
Registration deadline : July 20, 2013
Conference dates : August 03-04, 2013

Venue

United Institute of Technology

D-2 & 3, UPSIDC, Industrial Area, Naini, Allahabad-211 010, India

Accommodation

Participants are requested to reserve the accommodation in the hotels or guest houses on their own or through the organizers on first-come-first serve basis. However, limited accommodation may be made available in the United's Hostel also on payment basis.

Contact us

Dr. Divya Bartaria

Program Chair, ICCCCM-2013

Dean Academics, United Institute of Technology,
D-3, UPSIDC, Industrial Area, Naini Allahabad, India

Mobile: +91-9628829329, E-mail: iccccm2013@united.ac.in



ICCCCM-2013

IEEE Sponsored International Conference

on
**Control, Computing,
Communication & Materials**

August 03-04, 2013



STEERING COMMITTEE

CHIEF PATRONS

Mr. G. G. Gulati
Chairman, UGI

Dr. Worsak
President, AIT, Bangkok

PATRONS

Dr. Jagdish Gulati,
President, UGI

Mr. Satpal Gulati,
Vice-Chairman, UGI

CHAIRPERSON

Prof. R. K. Gupta
Principal, UCEM, Allahabad

CO-CHAIRPERSON

Prof. L. M. Srivastava,
Academic Advisor, UGI

GENERAL CHAIR

Dr. Nitin Afzulpurkar
Dean, SET, Asian Institute of
Technology, Bangkok

PROGRAM CHAIR

Dr. Divya Bartaria
Dean Academics,
UIT, Allahabad

Dr. Nitin K. Tripathi

Leader-ICT
AIT, Bangkok

TECHNICAL PROGRAM CHAIR

Prof. B. K. Pandey
UIT, Allahabad

Prof. K. S. Dubey
UCEM, Allahabad

INTERNATIONAL ADVISORY COMMITTEE

Dr. Nitin Afzulpurkar
Dean, SET, AIT, Bangkok

Mr. Gaurav Gulati
Vice President, UGI

Prof. Sanjeev K. Khanna
University of Missouri

Dr. Ishwar Singh Tyagi
IIT Roorkee, Roorkee

Prof. A. K. Tripathi
IIT-BHU, Varanasi

Prof. A. K. Mishra
MNNIT, Allahabad

Prof. Nitin K. Tripathi
SET, AIT, Bangkok

Prof. Rajeev Tripathi
MNNIT, Allahabad

Prof. K. K. Bhutani
Director, UPTEC, Allahabad

Prof. R. K. Tripathi
MNNIT, Allahabad

Dr. Rajesh Gupta
MNNIT, Allahabad

Dr. V. K. Rao
MNNIT, Allahabad

Prof. Sanjay Mishra
Department of Computer and
Information Sciences, Covenant
University, Nigeria