INTERNATIONAL ADVISORY COMMITTEE

Prof. R. Buyya, University of Melbourne, Australia

Prof. K. S. Trivedi, Duke University, Durham, NC

Prof. Neeraj Mittal, University of Texas at Dallas, USA

Prof. Ivan Olmas Pineda, Mexico

Prof. David Eduardo Pinto Avendano, Mexico

Dr. P. K. Atrey, State University of New York, USA

Dr. Al-Sakib Khan Phatan, Southeast University, Bangladesh

Prof. Sanjay Mishra, Covenant University, Nigeria

Dr. Bharat K. Bhargava, Indiana

Prof. Deevankar Agarwal, HCT, Muscat

Dr. Debanjan Mahata, Infosys, USA

Dr. Esau Villatoro-tello, Mexico

Prof. Rajeev Agarwal, Carolina University, USA

Dr. Atulya K. Nagar, Liverpool Hope University, UK

Dr. Bimlesh Wadhwa, National University, Singapore

Dr. Hamid R. Arabnia, University of Georgia, USA

Dr. S. Naik, University of Waterloo, Canada

Dr. Walli Ullah Abdul Hameed, Jazan University, Jazan (KSA)

Dr. Vaclav Snasel, technical university of Ostrava, Czech Republic

Dr. Tharam Dillon, La Trobe University, Australia

NATIONAL ADVISORY & TECHNICAL COMMITTEE

Prof. J. Ramkumar, IITK, Chairperson, UP Section IEEE

Prof. A. K. Solanki, BIET, Jhansi, Chairman, UP Section ISTE

Dr. R. K. Sharma, Chairman, Lucknow Chapter CSI

Dr. B. N. Saran, Chairman, Allahabad Center, IE(I)

Dr. Mahidhar Pant, Chaiman, IETE Lucknow Centre

Prof. Yogesh Singh, VC, DTU, New Delhi

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

Prof. Neetesh Purohit, IIIT, Allahabad

Prof. Anupam Agarwal, IIIT, Allahabad

Prof. Krishna Kant, MNNIT, Allahabad

Prof. R. S. Yadav, MNNIT, Allahabad

Prof. Ashutosh Kr. Singh, NIT Kurushetra

Prof. Udai Shanker, MMMUT, Gorakhpur

Tiol. oddi sharkor, wiwiwor, Corakipor

Prof. Diwakar Singh Yadav, Director, GEC, Banda

Prof. Rajiv Srivastava, Director SIRTE, Bhopal

Dr. Alok Singh, University of Hydrabad,

Prof. Atal Chaudhuri, Jadavpur University, Kolkata

Prof. Karan Singh, JNU, New Delhi

Prof. D. P. Vidhyarthi, JNU, New Delhi

Prof. Satish Chand, JNU, New Delhi

Prof. D. K. Lobiya, JNU, New Delhi

Prof. A. A. Zilli, Integral University, Lucknow

Prof. M. N. Doja, Jamia Milia, New Delhi

Prof. S. P. Tripathi, IET, Lucknow

Prof. Maheshwari Tripathi, IET, Lucknow

Prof. R. K. Gupta, MITS, Gwalior

Prof. Rajeev Kansal, DCRUST, Sonepat

Dr. Manisha Manjul, GBPEC, New Delhi

Prof Dilip Kumar Sharma, Secretary IEEE UP Section IEEE

Prof. V. K. Singh, IETE, Lucknow Centre

Dr. Apoorva Agha, I/C Computer Centre, High Court, Allahabad

Dr. M. K. Jain, IETE, Lucknow Centre

Dr. Prabhakar Dubey, IETE, Lucknow Centre

Dr. Awadhesh Kumar, Hon. Sec, IE

Dr. R. A. S. Tyagi, CSI

Dr. P. K. Kulshrestha, CSI

PATRON

Prof. Raghuraj Singh

Director, KNIT, Sultanpur

COORDINATOR

Prof. Anil Kumar Malviya

Prof & Head, CSED, KNIT, Sultanpur

CONVENER

Prof. Neelendra Badal

CSED, KNIT

TREASURER

Prof. Abhay Kumar Agarwal

CSED, KNIT

ORGANISING SECRETARY

Prof. B. P. Chaurasia

CSED. KNIT

ORGANIZING COMMITTEE

Prof. Samir Srivastava

Prof. R K Singh

Prof. Awadhesh Kunar

Prof. D L Gupta

Prof. Suman Pandev

Prof. Aruni Singh

Prof. Alka Singh

Prof. A. K. Singh

Prof. A. S. Pandey

Prof. H.V. Singh Prof. Anil Kumar

Dr. Amerendra Singh

Er. Amit Shukla Er. Manoj Kumar

IMPORTANT DATES

Last date of paper submission

Jul., 30, 2016

Notification of acceptance

Aug., 16, 2016

Last date of registration and submission of revised manuscript

Sep., 15, 2016

Conference (ICACSE-16)

Oct. 14-15, 2016

CONTACT INFORMATION

Convener (ICACSE-16)

Dr. Neelendra Badal,

Department of Computer Science & Engineering Kamla Nehru Institute of Technology

Sultanpur-228 118 (U.P.), India Mobile: 9415077454

Fax: 05362-240454

E-mail: convener@icacse.com; icacse@gmail.com n_badal@knit.ac.in; n_badal@hotmail.com, Web: www.icacse.com International Conference on Advanced Computing and Software Engineering



ICACSE-16

October 14-15, 2016



Under the aegis of
World Bank TEQIP-II

Technically Supported by











Organized By



Department of Computer Science & Engineering

KAMLA NEHRU INSTITUTE OF TECHNOLOGY

(An Autonomous Govt. Institution) SULTANPUR - 228 118 (U.P.), INDIA

ABOUT THE INSTITUTE

Established in the year 1976, Kamla Nehru Institute of Technology, **Sultanpur** is one of the leading technical institutions of the region and is responsible for producing top-grade engineers with skill sets comparable with the best in the world. It also renders the testing and consultancy services to the neighbouring industries and various other agencies. This is presently an autonomous government engineering institute (under 2f and 12B of UGC Act) and affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow, India. The institute offers B.Tech. and M. Tech. courses in Civil, Electrical, Mechanical, Electronics, Computer Science & Engineering and Information Technology disciplines in addition to M.C.A. course as well.

THEME OF CONFERENCE

The International Conference on Advanced Computing and **Software Engineering (ICACSE-16)** is going to be the premier forum for the presentation of new advances and research results in the fields of Advance Computing and Software Engineering. The conference will bring together leading researchers, engineers and scientists in the domain of interest from around the world. The objective of the conference is to bring together academicians, researchers, professionals, executives and practicing engineers, from various industries, research institutes and educational bodies to share and exchange ideas and information on the theme of the conference. Developing economies, aspiration for improved quality of life and rise in the rate of growth have led to the development of various infrastructure facilities in the society. This conference will provide a forum to discuss various issues and problems pertaining to Advance Computing and Software Engineering.

CALL FOR PAPER

Papers are invited for the conference in the following topics of interest that include, but are not limited to:

Activity-based Computing Affective Computing Analoa Computation **Biological Computing** Cloud Computing Collaborative Computing Contextual Computing Desktop Computing **DNA Computing Enterprise Computing Future Computing** Grid Computina

High Performance Computing Hyper Computation Internet Computing Invisible Computing

Java Web Computina Mobile Computing Nature-Inspired Computing

Network Computing Neural Computation

Palm Computing Peta Computing Peer-to-Peer Computing

Proactive Computing Reconfigurable Computing Reliable Computing

Revolutionary Computina Secure Computing Sentient Computing Situation-aware Computing

Smart Computing

Agent based Computing **Amorphous Computing** Autonomic Computing Client Server Computing

Cluster Computing Context-Aware Computing

Deep Computing Distributed Computing **Embedded Computing Evolutionary Computation**

Global Computing Handheld Computing Instinctive Computing

Java Distributed Object Computing

Location-Aware Computing Nanoscale Computing Network-Centric Computing

N-tier Distributed Computing Optical Computina Parallel Computing Perceptual Computing Pervasive Computing **Real Time Computing**

Recovery-oriented Computing (ROC)

Reversible Computing Scalable Computing Semantic Computing Server-based Computing Situated Computing Soft Computing

Super Computing Thin Client Computing Trusted Computing **Ubiquitous Computing Urban Computing Utility Computing** Visual Computing Volunteer Computing Wearable Computina Web Computing Software Engineering Agile Methodology

Aspect Oriented S/W Enga. Software Requirement Engineering Software Maintenance Software Measurement

Software Reuse Software Testing Software Security Software Reliability Software Quality Distributed Software Engineering

Empirical S/W Engg Extreme Programming Knowledge based S/W Enga Mobile Engineering Object-Oriented S/W Enga Web Engineering

PAPER SUBMISSION & GUIDE LINES

- 1. Full Text Manuscripts in IEEE template(limited to 6-pages) should be submitted by one of the authors of the manuscript either through e-mail to icacse@gmail.com OR through Easy Chair. Only PDF (*.pdf) / Word (*.doc/.docx) files will be considered for review.
- 2. Full text paper submissions will be peer-reviewed by the members of the Technical Committee & Editorial Board to assess their quality and relevance. The reviewers' recommendations will be final and
- 3. All the accepted and presented papers will be available at IEEE **EXPLORER.** Hard bound full length paper proceedings will be provided to all the registered candidates along with the conference kit.
- 4. Paper Presentation is acceptable through Video Conferencing Mode Also.
- 5. Two papers with substantial quality contribution from the authors will be selected for the BEST PAPER AWARD, to be given in the conference

REGISTRATION DETAILS

For Internet Bankina Users:

Candidates may reaister themselves by paying the registration fee through internet banking with following particular:

Bank Name : Bank of Baroda (BOB) Branch NAME : KNIT, Sultanpur (U. P.), INDIA IFSC CODE : BARB OKNISUL (fifth letter is Zero)

Account Name CONVENER ICACSE : 45850100006448 Account Number Account Type : Current Account

For Non-Internet Banking Users:

Alternatively, Candidate may also register themselves by sending the registration form on the enclosed proforma along with the registration fee in form of Demand Draft drawn in favour of "CONVENER ICACSE" payable at Sultanpur (UP), INDIA.

Category of Delegates		INDIA (in INR)	FOREIGN (in USD)
IEEE/IE/CSI/ISTE/IE	Professionals	2500	70
TE Members	Student	1500	40
NON Members	Professionals	3500	100
	Student	2000	60

For more information and updates please visit conference website www.icacse.com and institute website www.knit.ac.in

Registration Form

International Conference Advanced Computing And **Software Emerging**

> (ICACSE-16) October 14-15, 2016

(Technically Supported by IEEE/IE/CSI/ISTE/IETE) ALL T CHITANIBUD GOO 110 (H.D.) INIDIA

	ANFUK - 220 110 (U.F.), INDIA			
I. Name				
(In Block Letters)				
2. Designation B. Name & Address of Institute/Organization				
3. Name & Address of Inst	itute/Organization			
4. Address for Communic	ation			
E-Mail Address				
Phone / Mobile No				
•	ired Yes No lable in Guest House & Hotels in the city payment basis#)			
8. Payment Options:	payment basis#)			
Internet Banking				
Through Demand Dr				
Electronic Transfer/Wire Tr Transaction Confirmation				
Tansaction Continuation	Normber			
Date of Payment:	Amount Rs			
Bank Name:	, «пости ка			
D.D. Details:	D.D. No.			
Amount Rs.				
Cank Namo	DD / MM / YYYY			
Bank Name:	ER ICACSE payable at Sultanpur UP, India)			
7. Paper ld:				
3. Paper Title:				
Place	Signature of Candidate			