ICSCMM-17

INTERNATIONAL ADVISORY BOARD

Prof. Bharatendra K. Rai, University of Massachusetts – Dartmouth

Prof. Bhu Dev Sharma (Retd.), Clark Atlanta University, Atlanta, U.S.A.

Prof. Ekaterina Chimitova, Novosibirsk State Technical University, Russia

Prof. Kailash Patidar, University of the Western Cape, South Africa

Mr. Nikhil Singhal, San Francisco, California U.S.A.
Ms. Pragati Agarwal, San Francisco, California, U.S.A
Mr. Rishi Gulati, IT, Celgene, U.S.A

Prof. Satyendra Narayan, School of Applied Science, Sheridan

Prof. Shouji Nakamura, Kinjo Gakuin University, Japan **Prof. Stefanka Chukova**, Victoria University of Wellington, New Zealand

Dr. Tadashi Dohi, Hiroshima University, Hiroshima, Japan

Prof. Tetsushi Yuge, National Defense Academy, Japan Mr. V.N. Jha, Prince Sattam Bin Abdulaziz University, Wadi Al Dawasir

Prof. Vladimir V. RYKOV, Gubkin Russian State Oil & Gas University, Mosvow Russia

Prof. Yu Hayakawa, Waseda University, Japan

NATIONAL ADVISORY BOARD

Mr. Abhishek Agarwal, Telecom Powergrid, Dehradun Prof. Anju Khandelwal, S.R.M.S. College of Engineering & Technology, Bareilly (U.P.) Prof. Arun Sharma, Indira Gandhi Delhi Technical University for Women, Delhi Prof. Arvind Kumar Gupta, I.I.T., Ropar

Prof. Avanish Kumar, Chairman, Commission for Scientific and Technical Terminology, New Delhi

Prof. C. B. Gupta, BITS Pilani, Rajasthan **Prof. Chandra Shekhar**, Birla Institute of Technology & Science, Pilani, Rajasthan

Prof. Harendra Kumar, Gurukul Kangri University, Haridwar

Prof. J. C. Bansal, South Asian University, New Delhi Prof. Kailash Chandra Lachchwani, NITTTR, Chandigarh

Mr. Kuldeep Tyagi, Saraca Solution Pvt. Ltd. Indrapuram, Delhi(NCR)

Prof. Kusum Deep, IIT, Roorkee Prof. M. P. Singh (Retd.), Gurukul Kangri University, Haridwar

Prof. Madhu Jain, IIT, Roorkee

Prof. Manu Pratap Singh, IET, Dr. B. R. Ambedkar University, Agra

Prof. Mritunjay Kumar Singh, IIT (ISM), Dhanbad Dr. Neetu Singh, WCTM, Gurgaon Prof. Nutan Kumar Tomar, IIT, Patna

ICSCMM-17

Prof. P.K. Yaday, CBRI, Roorkee Prof. P. N. Pandey, University of Allahabad, Allahabad Dr. P. S. Datti (Retd.), TIFR-CAM, Banglore Prof. Pankaj Gupta, University of Delhi, Delhi Mr. Pawan Kumar, Sr. Scientist, DRDO, Pune Prof. Pijus Kanti De, NIT, Silchar Dr. Prashant K Srivastava, IIT, Patna **Dr. Prerna Sharma**, SRM University, Modinagar Prof. R.S. Gupta (Retired), KNIT, Sultanpur Prof. Raju George, IIST, Triananthpuram, Kerala Dr. Ram Naresh, HBTI University, Kanpur Dr. Ram Niwas, Ministry of Indian Railway Prof. S. B. Singh, GB Pant University of Agriculture & Technology, Uttarakhand Mr. Satendra Kumar, TBI, KIET Group of Institutions, Ghaziabad, UP Prof. Shyam Sundar Pattnaik, NITTTR, Chandigarh Prof. Shivraj Singh, CCS University, Meerut Prof. Sunita Gakkhar, IIT, Roorkee Mr. Vibhu Sharma, DRDO, Delhi Dr. Virendra Pathak, Dr. APJAKTU, Lucknow

CONFERENCE SECRETARIAT

CHIEF PATRON Prof. Vinay Kumar Pathak, Vice Chancellor, Dr. A. P. J. Abdul Kalam Technical University, Lucknow

PATRON Dr. J. Girish, Director, KIET Group of Institutions, Ghaziabad

CONVENERS

Dr. C. M. Batra Head, Department of Applied Sciences KIET Group of Institutions, Ghaziabad Dr. Vipin Kumar Addl .Head, Department of Applied Sciences KIET Group of Institutions, Ghaziabad



ICSCMM-17

International Conference

on

Soft Computing and Mathematical

Modelling

(December 22-23, 2017)



Department of Applied Sciences KIET Group of Institutions

(Accredited by NAAC with "A" Grade)

Sponsored by









For further details and registration kindly visit our website: http://www.kiet.edu/icscmm17

icscmm17@gmail.com icscmm17@rediffmail.com

Contact Numbers:

9873725677 9891019236 9411927994 9045882719

Ghaziabad-Meerut Road, Ghaziabad-201206, UP, INDIA www.kiet.edu | Toll Free No.: 1800 313 0056

INSTITUTE

KIET Group of Institutions was founded and established in the year 1998 by "Krishna Charitable Society" at Ghaziabad. It has been contributing technical knowledge in all the branches of Engineering, Computer Applications, Pharmacy, Management and M.Tech. degree since last nineteen years. Witnessing the indelible development, it has been honoured with ISO-9001-2008 certification and NAAC accreditation with 'A' Grade for five years for its versatile faculty and high placement.

The vision of Department of Applied Sciences is to enhance and empower the scientific temperament of the students through the knowledge of myriad branches : Physics, Chemistry, Mathematics, Environmental Science and Professional Communication as per global needs. It assists in honing the students' personality, propelling towards making them successful string of corporate world. The department aims at equipping students with scientific knowledge with the blend of mind and aptitude.

ABOUT THE CONFERENCE

KIET Group of Institution is dedicating ICSCMM-17 to one of the greatest mathematician Srinivasa Ramanujan on the auspicious occasion of his 129th birth anniversary.

As science and technology has become an integral part of our day to day life, ICSCMM-17 is an effort to explore some important technical fields such as Simulation and Modelling, Artificial Neural Network, Soft computing, Bio-mathematics and many more that have various applications in today's environment and have valuable resources for future research.

ICSCMM-17 can be proved a very beneficial platform for the academicians, researchers, scientists and industrial professionals in the domain of interest from all over the world to share the knowledge, innovative ideas and various problem solving techniques.

In brief, the main purpose of the conference is to provide some new fields for researchers that have a balance between classical procedures and recent technologies with some challenging experimental/practical aspects.

GHAZIABAD

The city is named after the founder, Ghazi-ud -din . Initially known as Ghaziuddinnagar, now named as Ghaziabad. It is edged by Meerut city to the north, by Gautam budh Nagar and Bulandshahar to the south, by the Jyotibaphuli Nagar district to the east and by Delhi to the south west. The three principle rivers traversing the district are the Yamuna, Ganges and Hindon. The average temperature during the month of December ranges between 8°C to 22°C.

CALL FOR PAPERS

In the view of continuously growing importance of applied mathematics in almost every field of technology, ICSCMM-17, is focusing on high quality research papers in the following major disciplines but not limited to:

- Computational Fluid Dynamics
- Computational Graph Theory
- Computational Optimization and Approximations
- Image and Signal Processing
- Mathematical Modelling and Simulation
- Structural Engineering
- Probability and Stochastic Applications
- Information and Coding Theory
- Mathematical Modelling and Computational Techniques
- Signal Analysis of the System
- Computational and Financial Mathematics
- Neural Network and Genetic Algorithms
- Applications of Fuzzy set Theory
- Bio Mathematics
- Applications of Discrete Mathematics
- Distributed Computing System
- Computer Communication Networks
- Operator Theory and Wavelet Analysis
- Mechanics
- Cryptography and Computational Security System

PUBLICATION ETHICS

Authors are requested to submit original papers according to the format given on the conference website. It should be submitted through email on anyone of the following mail id: icscmm17@qmail.com, icscmm17@rediffmail.com .The paper should not have been submitted/ sent for publication or presented in any conference/seminar elsewhere. The corresponding author must certify that all the data presented in his/her manuscript has been acquired in keeping with recognised ethical research practices. Once manuscript id is assigned, kindly send your camera ready manuscript by the name of manuscript id assigned to your paper. The acceptance of the paper implies that at least one of the authors will present the paper. The paper may even be presented through Skype / Video Conferencing. Selected papers will be published in the Malaya Journal of Matematik, University Press, Singapore(UGC approved) . Papers not in compliance with the prescribed format, shall face rejection.

ACCOMMODATION

Accommodation may be provided on request in advance (on payment basis). For further assistance, kindly contact at icscmm17@gmail.com, icscmm17@rediffmail.com.

IN	ΛP	OR	TAT	T	DA	FES
		••••		•••		

Recei <mark>pt of f</mark> ull len <mark>gth pa</mark> per	15 th October 2017		
Receipt of camera ready paper	30 th October 2017		
Last date for registration	15 th December 2017		
Conference dates	22 nd -23 rd December 2017		

REGISTRATION FEE

	National Delegates	International Delegates
CATEGORY	Amount (INR)	Amount (USD)
Industry Participants	3000	150
Academic Institute Participants	2500	100
Research Scholar and Students	1500	75
For Attending only	1000	50

MODE OF PAYMENT

Payment through Demand Draft drawn in Favour of KIET GROUP OF INSTITUTIONS Payable at GHAZIABAD/ DELHI.

Online Payment through NEFT/RTGS:

		For National Delegates (INR)	For International Delegates (USD)			
	Name	KIET Group of Institutions	Krishna Institute of Engineering & Technology			
	A/C Number	508011003720	125601000763			
	IFSC Code/ SWIFT Code	KKBK0005295	ICICINBBCTS			
	Bank Name	Kotak Mahindra Bank	ICICI Bank, Ltd.			
	Branch	Navyug Market, Ghaziabad 201001	Ambedkar Road, Opp. Nehru Yuva Kendra,Ghaziabad 201001			