

**INTERNATIONAL WORKSHOP ON
“STATISTICAL & NUMERICAL TRENDS IN
SCIENCES & ENGINEERING”**

1st JANUARY 2015



ORGANIZED BY:

**DEPARTMENT OF MATHEMATICS
JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY**

**Sector-128, Jaypee Wish Town, Village- Sultanpur
Noida-201304, Uttar Pradesh, India
Ph.-0120- 4195814/4195815**

International Workshop on “Statistical & Numerical Trends in Sciences & Engineering”

(1st January 2015)

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY, NOIDA

JIIT, a leading Engineering institute was established in the year 2001 with the vision of becoming a centre of excellence in the field of IT & related emerging areas of education, training and research comparable to the best in the world for producing professionals who shall be leaders in innovation, entrepreneurship, creativity and management.

The Institute offers Doctoral, Post-graduate as well as Undergraduate programs (B.Tech.) of study in the disciplines of Computer Science Engineering, Information Technology, Electronics & Communication Engineering and Biotechnology. The University aims to develop engineers with capability to design and implement computer based systems, tools and equipment.

DEPARTMENT OF MATHEMATICS

Mathematics plays a key role in the development of modern sciences, engineering, management and many other important areas of activities. With this aim in mind the Department of Mathematics was created from the very inception of the institute. Besides catering to the basic needs of the various B. Tech. / M. Tech. programs of the Institute, it had a strong fervor towards research and development from the very beginning and efforts are being made for the convergence of Mathematics with other disciplines by introducing courses of interdisciplinary nature such as Wavelets, Fractals and Chaos, Finite Element Methods etc. The Department has a good blend of pure and applied Mathematics which provides a vibrant research atmosphere. We offer M. Tech. program in Applied and Computational Mathematics. At present twenty research scholars are working for a Ph. D. degree in various areas of specialization. Some of the areas in which research is being carried out are: Numerical Analysis and Computational Continuum Mechanics; Wavelets, Fractals and Chaos, Mathematical Analysis, Information theory and Coding, Statistics, Queuing and many more.

About the Programme: The workshop will discuss the use of statistics & numerical methods within the context of theoretical models dealing with current and future data, especially within the context of engineering applications. Further the workshop will review and develop emerging trends in statistics and Numerical Methods.

The main objectives of this workshop are

- a) to address emerging problems and challenges in the analysis of engineering data using statistics and numerical methods.

- b) to bring together academicians and researchers specializing in relevant areas for exchange of ideas and problems, with the ultimate goal of having some new research findings.
- c) to discuss directions of future research in these areas.
- d) to encourage M. Tech and Ph.D. students to work in statistics and numerical methods.
- e) to strengthen collaboration and coordination among various research groups and consolidate existing ones.

The workshop will include invited talks by some leading academicians in the field of statistics and numerical methods. The proposed workshop participants include leading researchers in the field of statistics and numerical methods as well as M. Tech and Ph.D. students of various universities. Therefore, the proposed workshop will provide a great platform for collaborative research between senior researchers and new researchers. We believe that this workshop will be a catalyst for substantial advancement in these important areas.

INVITED SPEAKERS

Session 1- Professor Sat N. Gupta

Professor of Statistics & Associate Head, Department of Mathematics and Statistics, The University of North Carolina at Greensboro, 106 Petty Building, Greensboro, NC 27412, USA

Session 2- Professor R. K. Mohanty

Professor and Dean (FMCS), Department of Mathematics, South Asian University, Akbar Bhawan, Chanakyapuri, New Delhi – 110021, INDIA

Session 3- Professor Bani Singh

Professor and Head, Department of Mathematics, Jaypee Institute of Information Technology, Noida, 201304, Uttar Pradesh, INDIA

TIME & VENUE

Time : 9.30-4:30 pm

Venue : IIIT-128, Noida

PROGRAMME FEE

The fee for the programme is Rs 500/-.The programme fee includes tuition fee, access to library during the programme, lunch and refreshments.

WHO CAN PARTICIPATE

The program is open to all Research Scholars/Faculty Members/ Scientists/ Engineers working in Educational Institutes/ Industries/ R&D organizations.

REGISTRATION

Registration Fee: Rs. 500/-. The Fee includes lunch and tea during the program. No TA/DA or boarding will be provided. Registration fee can be paid by Demand Draft drawn in favour of "Jaypee Institute of Information Technology" payable at Noida. Registration form along with demand draft can be sent to the coordinator.

Last Date of Registration*: December 27, 2014

***On Spot Registration: January 1, 2015 (9:30-10:30 AM)**

CHIEF PATRON

HON'BLE SHRI JAI PRAKASH GAUR JI

PATRON(S)

Prof. S. C. Saxena, Vice Chancellor, JIIT Noida

Prof. H. O. Gupta. Director, JIIT 128, Noida

ADVISORY COMMITTEE

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Prof. Y. K. Gupta, JIIT Noida

Prof. Alka Tripathi, JIIT Noida

PROGRAMME CHAIRMAN

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PROGRAMME COORDINATOR(S)

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Prof. D. R. Jain

Dr Parul Tiwari

Prof. Y. K. Gupta

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**JAYPEE INSTITUTE OF INFORMATION
TECHNOLOGY(JIIT-128) NOIDA**

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Website: www.jiit.ac.in

REGISTRATION FORM

Name of the participant (in capital letters): _____

Gender: _____

Designation: _____

Institution Affiliation: _____

Correspondence Address _____

Phone/ Mobile Number: _____

Email: _____

Mode of payment: Demand Draft/ Cash _____

Amount: _____

Demand Draft Details: Bank: _____ D.D. No _____

Date: _____

Signature of Applicant:

Please send soft copy of filled registration form **latest by 27th Dec, 2014** to Dr. Akhilesh Kumar Singh (Email: akhilesh.singh@jiit.ac.in) and Dr. Dinesh Bisht (Email: dinesh.bisht@jiit.ac.in)

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