1st International Conference on Mathematics and Its Applications

23 December, 2015

Announcement of Conference & Call for Papers

Mathematics Discipline
Khulna University
Khulna-9208, Bangladesh

Invited Speakers

Dr. S. K. Roy, Vidyasagar University, West Bengal, India
Dr. V.K. Kukreja, Punjab, India
Dr. Manish Kumar, Haidrabad, India
Dr. Prashanto Kumar, VU, West Bengal, India
Dr. Subrata Majumdar, RU, Bangladesh
Dr. Mosleuddin Ahmed, CU, Bangladesh
Dr. Laek Sazzad Andallah, JU, Bangladesh
Dr. Ashok Kumar Bhuniya, BU, West Bengal, India
Dr. Suvash C. Saha, QU, Australia
Dr. Ahad Ali, LTU, Michigan, USA

**About Mathematics Discipline KU**

Khulna University (KU) is one of the leading non-political public universities of Bangladesh. Mathematics Discipline was opened in Khulna University from the academic session 1998-1999 and offers four-year undergraduate course leading to the degree of Bachelor of Science (Honours) in Mathematics, from 2002-2003 academic sessions, it offers postgraduate course leading to the degree of M. Sc. in applied/pure Mathematics. PhD course is started from 2014-2015 sessions. The Discipline emphasizes both theoretical and practical aspects of Mathematics as well as the supporting subjects. The content of each subject is introduced in such a way that a student will learn basic mathematical concepts and skills, and learn how to apply them to solve problems in everyday life or in a future career, be it academic or vocational. Khulna is an administrative division as well as the third largest metropolitan city in Bangladesh. The Mongla Sea Port, the Shipyard, the Bangladesh Naval Base are in Khulna. Khulna is an industrial city and famous for the Sundarbans, the world’s largest tidal forest and home of the Bengal Tiger. Khulna is also situated north of the Historic Mosque City of Bagerhat, a UNESCO World Heritage Site.

**Aim of the Conference**

The aim of the conference is to bring together the members of the mathematics community, interdisciplinary researchers, educators, statisticians and engineers for exchanging ideas and in-depth discussions on different aspects of applied mathematics, including analysis and computational methods and applications. This conference consists of plenary research works presentations, invited talks and contributed talks.

**Scope**

Papers are invited on all aspects of Mathematics including pure and applied from the following Areas, but are not limited to the following:

- Computational Fluid Mechanics
- Dynamical Meteorology
- Operations Research
- Optimization
- Fuzzy
- Computing Techniques
- Graph Theory
- Cryptography
- Bio-Mathematics
- Probability and Statistics
- Functional Analysis
- Real Analysis
- Topology
- Differential Geometry and Algebra
- Optimal Control Theory
- Magneto-hydrodynamics
- Fluid Dynamics
- Aerodynamics
- Epidemiology
- Multi-Scale Modeling
- Partial Differential Equations
- Numerical Analysis
- Finite Element Analysis
- Differential and Integral Equations
- Machine Learning
- Mathematical Modeling
- Mathematical Biology
- Nuclear Engineering
- Biomedical Engineering
- Information Theory
- Telecommunications
- GPS
- Robotic Engineering
- Industrial Engineering
- Environmental Engineering
- Climatology
- Natural Resource Management

**Abstract Submission**

Authors are invited to submit electronically extended abstracts (no more than 3 pages) of their papers (doc. or pdf.) to the e-mail: iconmaku@gmail.com

**Publication**

All Selected extended abstract will be published in the conference proceedings.

**Important Dates**

- Submission of Abstract Deadline – 30.11.2015
- Notification of Abstract Acceptance – 06.12.2015
- Registration & Payment Deadline – 15.12.2015
- Conference dates -- 23 December 2015

***For attending the conference, you have to fulfill the registration form and send to the contacting e-mail: iconmaku@gmail.com and the payment will be received on spot of the conference day.***

**Registration Fees**

- Local Professional BDT 1500
- Local Student BDT 1000
- SAARC Country USD 50
- Foreign (Other than SAARC Country) USD 100

***May be, there will arrange a Sundarban (Karamjol & Sixty Dome Mosque) tour on base on the participants’ wish (extra money will be charged with Registration fees).***

For any update news about conference are available here: http://test.ku.ac.bd/?p=3815