



**INTERNATIONAL CONFERENCE ON
CURRENT TRENDS IN THEORETICAL AND COMPUTATIONAL DIFFERENTIAL
EQUATIONS WITH APPLICATIONS**

**DEDICATED TO
EMINENT MATHEMATICIAN PROF MK JAIN**

**SOUTH ASIAN UNIVERSITY, NEW DELHI
1-5TH DECEMBER 2017**



The primary goal of this conference is to bring together scientists and mathematicians working in differential equations and related areas. Partial differential equations are efficient tool for analyzing real life phenomena. It requires the observations of natural scientist, modeling, numerical skills and modern computing techniques. The real life phenomena tend to culminate in systems of nonlinear, ordinary, partial and fractional differential equations. Numerical solutions of these problems are challenging due to presence of multiple scales, nonlinear effects and the long duration simulations.

MAIN FOCUS

Analysis of ODEs & PDEs: conservation laws, nonlinear PDEs, control and optimization | PDEs in biological and complex system | Numerical Analysis of ODEs & PDEs: Finite element/finite difference/finite volume methods | Evolutionary equation | Computational finance PDEs | Monotone operators and their applications.

TARGET AUDIENCE

Faculty members and research scholars in differential equations and their applications.

IMPORTANT DATES

Abstract Submission Deadline: Nov 10, 2017
Acceptance Notification: Nov 15, 2017
Registration Deadline: November 25, 2017
Conference Dates: December 1-5, 2017

ABSTRACT SUBMISSION

Abstract in word format should be sent to kapil.conferences@gmail.com

REGISTRATION FEE

- Faculty and industry participants from SAARC region: INR 4000/USD 70
- Research scholars: INR 2000/USD 40 (without accommodation)
- Research scholars: INR 3000/USD 50 (with accommodation)
- Participants other than SAARC region: USD 150.
- Registration fee submission: Bank Draft/Cheque in Favor of Registrar, South Asian University, New Delhi along with registration form should be sent to Dr. Kapil Sharma, R. No. 327, Department of Mathematics, South Asian University, Akbar Bhawan, Chanakyapuri, New Delhi-110 021, INDIA
- The registration fee includes conference kit, conference tea, working lunch and conference dinner.

VENUE

DEPARTMENT OF MATHEMATICS
SOUTH ASIAN UNIVERSITY
AKBAR BHAWAN, CHANAKYAPURI, NEW DELHI-110 021, INDIA

CONTACT DETAILS

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