

National Conference on  
“Recent Trends in Applied and  
Computational Mathematics”

July 20-21, 2019

**REGISTRATION FORM**

Name: .....

Designation: .....

Organization: .....

Qualification: .....

Gender:.....

Correspondence Address: .....

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Tel. (O) ..... (R) .....

(M) .....

Fax. No.....

E-Mail: .....

Registration Fee: Paid herewith in the  
form of DD/ Banker’s Cheque/Cash.

Amount .....

DD/BC No.....Date.....

Name of the Bank.....

Accommodation Required: Yes / No

Date: Place:

Signature

Note:

- Demand draft/ Banker’s Cheque should be in favour of “Director, National Institute of Technology Raipur”, payable at SBI Branch, GCET Raipur. Cash should be deposited to organizing secretary(s) on or before the last date of registration.
- Photocopies of registration form may be used.

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Organized by

**Department of Mathematics**



**National Institute of Technology  
Raipur-492 010 (Chhattisgarh)**

### **About the Institute:**

**National Institute of Technology Raipur** (Formerly Government Engineering College Raipur), situated in the capital of a newly incepted state of Chhattisgarh, has proven to be "advent-grade" in the field of science and technology over past few decades in this region. With sweet memory of foundation ceremony by our president Honorable Dr. Rajendra Prasad on 14th September 1956, the institute started with two departments namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by our Prime Minister Honorable Pt. Jawaharlal Nehru on 14th March 1963. From 1<sup>st</sup> December 2005, the institute has become the National Institute of Technology. It is well connected with Mumbai, Delhi, Hyderabad, Kolkata, Bhopal, Ahmadabad, Bangalore, Chennai and Chandigarh by regular flights and is on the main Howrah-Mumbai railway route. The institute is 5 km from the Raipur railways station and 18 km from airport on NH-6, the Great Eastern Road.

### **About Department:**

The **Department of Mathematics** came in existence since 1956. The department provides an outstanding research environment and offers academic program leading to the award of Ph.D. degree. Apart from this, department taking care of Mathematical input to all undergraduate and postgraduate courses in Engineering and Computer Science Applications.

### **Objective of Conference:**

The objective of this conference is to bring together the researchers working in various fields of applied and computational mathematics for enriching their research applicable to different branches of Science, Engineering and Technology. It will provide a good opportunity to the young researcher to present and discuss their recent innovation to a diverse audience as well as practical challenges encountered and solutions adopted in the fields of Applied and Computational Mathematics.

### **About the Conference:**

Applied mathematics and computational science are used in nearly every discipline of science, engineering, industry, and technology. Industry relies on these disciplines for the design and manufacture of aircraft, automobiles, medical technology, biological process, health care and more. Computational science and applied mathematics play key roles in the simulation and prototype of designing and testing automotives. Computer-aided designs are now being used by automotive companies to test performance, safety, and ergonomics. In doing so, they are dramatically lowering the cost of constructing and testing prototypes. With advanced computational power it is becoming a challenge to develop sophisticated computational tools for analyzing real life problems.

### **CONFERENCE THEMES:**

- Applied Algebra
- Numerical Analysis
- Mathematical Modelling & Simulations
- Computational Linear Algebra
- Integral Transform and Special Functions
- Cryptology
- Optimization
- Computational Biology
- Theoretical and Computational Fluid Dynamics

**Abstract Submission:** Abstract should be submitted through email to the mail id. [deepsha.maths@nitrr.ac.in](mailto:deepsha.maths@nitrr.ac.in) on or before 10<sup>th</sup> July 2019. Acceptance of the paper will be decided by the review committee after a peer review and notified within three days of submission. Last date for registration is **15<sup>th</sup> July 2019**.

Selected full length paper may also be considered for publication in conference proceedings or in the form of "Book Chapter" in upcoming book (Advances in Applied Mathematics). Please show your willingness for the same during abstract submission.

### **Targeted Participants:**

- Academicians
- Industry Professionals
- Students and Research Scholars

### **Registration Fee Details (in INR):**

Participants	Amount (in Rs)
Students/ Research Scholar	750
Faculty	1200
Industry Delegates	2000

Applications in prescribed format with registration fee in the form of Cash/DD/ Banker's Cheque in favour of "**Director, NIT Raipur**" payable at **SBI Branch, GCET Raipur**, must reach the Organizing Secretary(s) on or before the last date of Registration. The registration fee includes a registration kit, a single paper presentation/publication, Lunch and Tea/High-tea, Entry in all the session(s). Incomplete or registration form without Cash/DD/Banker's Cheque shall be rejected. A separate registration form should be used for every delegate. Registration fee is non-refundable. No TA/DA will be paid to the participants.

**Accommodation:** The participants may be provided accommodation in the institute guest house and/or hostel depending on the availability, on own payment basis. Accommodation can also be booked in nearby hotels directly by the participants on own payment basis.

**The Best Paper Presentation Award:** The award shall be presented for the best paper(s) presentation during the conference. A Cash Prize and Certificate of Merit shall be awarded to the winner(s).