

**National Conference
on
“Mathematical Modelling, Methods and
Computation in Science and
Engineering”**

OCTOBER 19-20, 2019

REGISTRATION FORM

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Designation:

Organization:

Qualification:

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Registration Fee: Paid herewith in the form of
DD/ Banker's cheque/Cash

Amount

No.....Date

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Accommodation Required: Yes / No

Signature

Date: Place:

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.
- Photocopy of registration form may be used.

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Address for Correspondence

Dr. Nilesh Kumar Thakur

Assistant Professor

Department of Mathematics

NIT Raipur (CG) - 492 010

Email: nkthakur.maths@nitrr.ac.in

Contact No.: +91-7772078448

Dr. Sharada Nandan Raw

Assistant Professor

Department of Mathematics

NIT Raipur (CG) - 492 010

Email: sharaw.maths@nitrr.ac.in

Contact No.: +91-9575508440

**National Conference
on**

**Mathematical Modelling, Methods
and Computation in Science and
Engineering**

October 19-20, 2019



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 1st 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 interact with researchers from academia, industries, technology and research & development organizations all over the country interested in the broad area of Mathematical Modelling, Methods and Computation for enriching their research applicable to different branches of Science, Engineering and Technology. Invited talks will be delivered by distinguished experts in their field from IITs, NITs and other Universities of India. It will provide a good opportunity to the young researcher to present and discuss their innovations, challenges encountered and solutions adopted in the fields of Mathematical Modelling and Computation.

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:

- Mathematical Modelling & Simulations
- Theoretical and Computational Fluid Dynamics
- Nonlinear Dynamics and Chaos
- Numerical Methods for Solving Nonlinear Problems
- Computational Biology
- Applications of ODEs & PDEs in Real-World Problems
- Operation Research
- Probability & Statistics
- Applied Algebra
- Computational Linear Algebra
- Cryptology

Abstract Submission:

Abstract should be submitted through email to the mail id. nkthakur.maths@nitrr.ac.in on or before 6th October 2019. Acceptance of the abstract will be decided by the review committee after a peer review and notified within three days of submission. Last date for registration is 11th October, 2019.

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/ Demand Draft/ Banker's Cheque in favour of "**Director, NIT Raipur**" payable at SBI Brach, 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/ demand draft/ fee will 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 will 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).