

INTERNATIONAL CONFERENCE
ON
RECENT TRENDS IN ANALYSIS AND
OPTIMIZATION
(ICRTAO-2020)
DURING
19-21 March 2020
At
National Institute of Technical Teachers'
Training and Research (N.I.T.T.R.)

Bhopal



Organized By
Dept. of Applied Science
N.I.T.T.R. Bhopal

Patron
Shri. C. P. Sharma
Conference Chair
Dr. C. Thangaraj

Convener: Dr. Deepak Singh

Organizing Committee:
Dr. P. K. Purohit,
Dr. Bashirulla Shaik,
Dr. Hussain Jeevakhan

About NITTR Bhopal

“National Institute of Technical Teachers’ Training and Research (NITTR)”, Bhopal, established in 1965, has the mandate to cross the regional boundaries and function as a resource institution at National and International levels for entire gamut of Technical Education Sector. The institute has been catering to the wide-ranging needs through innovations in Technical Education System as well as to the job market needs of the developing countries also. The institute, with its enhanced mandate, has now become a major resource institution and a centre of excellence for the overall growth and expansion of technical education system of the country and has larger responsibility to contribute to a wide-ranging diverse labor market. It holds expertise through continuous R&D in the areas of HRD, curriculum development, design & development of learning resources, educational management, policy formulation, continuing education, student assessment, multi-media development, community networking, industrial liaison and technical education research. It is an active partner in SWAYAM Project of MHRD, Government of India to facilitate self-learning among Practicing and potential teachers.

About the Conference

The engineering and science communities of the nation have become progressively aware that modeling & simulation is an essential tool for resolving a multitude of scientific and technological problems. The computational model which is a approximation of the mathematical model can solve problems by simulations on a computer.

The International Conference on **Recent Trends in Analysis and Optimization** is such a premier forum for the presentation of recent trends in analysis and optimization research results in the fields of Mathematics, Statistics and Scientific Computing. The conference will bring together leading academic scientists, experts from industry, and researchers in their domains of expertise from around the world to explore the hot issues on analysis and optimization and exchange the new experiences and technologies in the field of Mathematics, Statistics and Related areas focused on analysis and optimization.

The Conference contains sessions chaired by a cohort of stalwarts in various verticals of Mathematics, Science & Engineering.

It promises to be an intellectually stimulating experience to the attendees. Together we can make a difference towards a world of Mathematical science that is redefining innovation, advancements in Science & Engineering. So, come join us and share your ideas in this event.

Objectives of the conference:

The objective of the conference would be to

1. Offer a suitable platform to provide a high level forum for scholars and researchers to share the challenges and emerging trends in analysis and optimization.
2. Encourage delegates to present and discuss their research findings and share research achievements among academicians and researchers
3. Explore the hot issues on analysis and optimization
4. Identify new ways and methods to promote collaboration and exchange the new experiences and technologies in the field of Mathematics, Statistics and related areas

The Major tracks and the sub themes are as follows

Themes

- **Computational Methods for Linear & Non-Linear Optimization**
- **Mathematical Models for Computer Science**
- **Numerical Analysis**
- **Boundary Value Problems**
- **Mathematical Modeling and Computational Techniques**
- **Complex Analysis**
- **Probability**
- **Applied Mathematics**
- **Real Analysis**
- **Differential Equations**
- **Fixed Point Theory**
- **Fractional Calculus**
- **Game Theory**
- **Functional Analysis**
- **Computational Methods, Algorithms and Scientific Applications**
- **Numerical Methods for PDEs**
- **Numerical Linear Algebra**
- **Operation Theory**
- **Approximation Theory**
- **Inequality Theory**
- **Convex Analysis**
- **Statistics**
- **Industrial Mathematics**
- **Advance Numerical Methods**
- **Topology**
- **Fuzzy sets and systems**

This Conference will have the benefit of active support and participation of many eminent personalities of national and international level to make this scientific event a great success. Their Plenary presentations and discussions will enlighten the participants on the breakthrough ideas, initiatives at various levels and best practices in the field of **ANALYSIS AND OPTIMIZATION**. We, at NITTTR, Bhopal, take it as privilege to invite you to participate in this Conference.

Participants:

The Convention will be a meeting ground for academicians, practitioners, researchers, professionals, students from various fields of Mathematics and Science.

Call for Papers:

Abstracts (Maximum 250 words) for individual papers are invited relating to the track and themes of the conference, in which you wish, your abstract to be included, Electronic submission is the only mode for sending abstracts/papers. Please visit (paper format) for paper submission

Important Dates:

Deadline for Abstract February 20, 2020
 Communication of Acceptance February 25, 2020
 Last date of registration February 28, 2020
 * Registration after 28th Feb. 2020 should be accompanied with additional Rs.500/- as late fee (50 USD for International delegates).

Payment Details

Payments can be made by A/C payee demand draft in favor of DIRECTOR, NITTTR, BHOPAL payable at Bhopal. Fees can also be transferred through NEFT to Director NITTTR, Bhopal (Conference Account) Account no. 3765101000146 IFSC Code CNRB0003765.

Registration Form: Please download (Registration Form) and sent it scanned copy to the Email: icrtao2020@gmail.com

Registration Fee for 19th and 21th March 2020 (Three days)

Delegate Status Amount:

Delegate status	Amount
International Delegates	300 USD
International Students & Research Scholars	150 USD
National Delegates	3000 INR
Students & Research Scholars	1500 INR

*** Plus 18% GST**

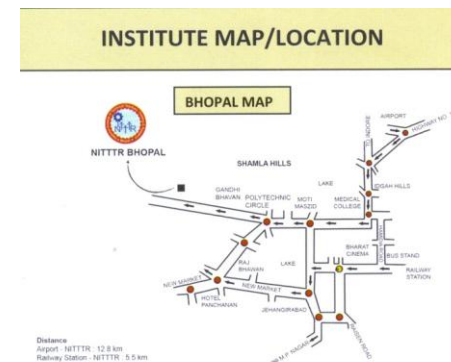
Registration fees include Conference kit, Breakfast and working Lunch on conference days.

Accommodation

Registered participants will be provided with boarding on a first-come first-serve basis inside the campus on sharing basis @Rs. 400/- per day/per person.

How to Reach Bhopal

Bhopal is well connected with regular flights with Delhi, Indore and Mumbai. Bhopal is on the Delhi- Chennai and Mumbai to Delhi main line (via Itarsi and Jhansi). You can find ample number of trains for all the major cities in India to Bhopal. For reaching Bhopal by road one can find regular bus services that, connect the city to other places in the country. You can open the above link in your phone / system to get direction: <https://goo.gl/maps/DwaFpoeqhtpHMnGNA>



Contact Address

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International Conference

ON

Recent Trends in Analysis and Optimization (ICRTAO-2020) March 19-21, 2020

Registration Form

Name: _____

Qualification: _____

Occupation/ Designation: _____

Name & Address of Organization: _____

Category: Student/Research Scholar/Academia/Industry: _____

Email: _____

Title of the paper: _____

Mode of Presentation: Oral/Poster/Listener _____

Whether Accommodation is needed: Yes/No: _____

Details of Payment of Fee:

Payment Mode (DD/NEFT/RTGS): _____

DD/Transaction No. and Date _____

Amount in Rs. _____

Bank Name _____

Branch Address _____

*Please send the filled in registration form and scanned copy of DD/Transaction slip at:
icrtao2020@gmail.com*

Signature of Applicant