

International Conference on Advance Trends in Computational Mathematics, Statistics and Operations Research (ICCMO-2022)

(Virtual Mode) - April 2-3, 2022

Department of Applied Sciences
The NorthCap University, Gurugram, India

About the university

The NorthCap University (formerly ITM) which is located in Gurugram, Haryana, was founded in 1996 to provide access to quality higher education to the students. Over the last 25 years, the university has transformed into a multi-disciplinary university and a destination of choice, offering degree programs in Engineering, Applied Sciences, Management, Liberal Arts, and Law to the students. It has produced over 11000 successful alumni, spread over all industry sectors and academics in India and abroad.

About the department

The Department of Applied Sciences offers opportunities for education and research in a wide spectrum of areas in Mathematics, Data Science, Physics and Chemistry with highly educated faculties. The core research areas are: Algebra, Analysis, Statistics, Operations Research, Numerical Analysis, Fluid Dynamics, Nano Chemistry, Biophysical Chemistry, Optical Image Processing, Thin Films, Solar Cells, Supercapacitors.

Areas and topics to be covered

Algorithmic Game Theory, Approximation Theory, Data Envelope Analysis, Data Analysis, Differential Equations, Computational Fluid Dynamics, Information Theory, Inventory Theory, Mechanics, Machine Learning, Mathematical Modeling, Graph theory, Statistics, Numerical Computation, Queueing Theory, Supply Chain Management, Stochastic Programming, Reliability Theory, Fuzzy Logic, Robust Optimization, etc.

Note: The above list is not restricted. Any other topic related to the theme of the conference will also be considered.

About the conference

International Conference on Advance Trends in Computational Mathematics, Statistics and Operations Research will be organized by the Department of Applied Sciences, The NorthCap University, Gurugram, India during 2-3 April, 2022. The two days conference aims to bring together the researchers working in the field of mathematics, statistics and operations research for interaction and exchange of ideas. The main objective of the conference is to provide a platform to the researchers from different parts of the country and abroad to discuss the challenges in the areas of mathematics, statistics and operations research and their applications to the real world.

The conference will focus on the development of new and advanced mathematical and computational techniques along with their applications. There will be keynote lectures by renowned experts in the areas of mathematics, statistics and operations research from India and abroad. Also, research paper presentations by researchers that will provide a platform to create a bond among researchers with an objective of enhancing awareness of the recent trends and developments.



Patrons

Prof. Prem Vrat, Pro-Chancellor
The NorthCap University, India

Prof. Nupur Prakash, Vice-Chancellor
The NorthCap University, India

General chair

Prof. C. B. Gupta, Director-IQAC
The NorthCap University, India

Programme chair

Dr. Anshu Malhotra
Dr. Sanjay Yadav
The NorthCap University, India

Advisory committee

- Prof. Arvind Gupta, IIT Ropar, India
- Prof. Chandershekhar, BITS Pilani, India
- Prof. Devashish Kundu, IIT Kanpur, India
- Prof. Deepa Sinha, South Asian University, New Delhi, India
- Prof. Govindan Rangarajan, IISC Bangalore, India
- Prof. H. C. Taneja, Delhi Technology University, India
- Prof. Jagdish Prasad, Amity University of Rajasthan, India
- Prof. Kumkum Dewan, Jamia Milia Islamia University, New Delhi, India
- Prof. Kusum Deep, IIT Roorkee, India
- Prof. Neetu Gupta, J C Bose University, YMCA, India
- Prof. Pankaj Gupta, University of Delhi, India
- Prof. Prabha Sharma, The NorthCap University, Gurugram, India
- Prof. Rajeev Kumar, Maharishi Dayanand University, India
- Prof. Rakesh Kumar, Nambia University of Science and Technology, Nambia
- Prof. Rashmi Bhardwaj, Guru Gobind Singh Indraprastha University, New Delhi, India
- Prof. Sachin Kumar, University of Aberdeen, Scotland
- Prof. S. Dharamraja, IIT Delhi, India
- Prof. S. P. Yadav, IIT Roorkee, India
- Prof. S. R. Singh, CCS University, Meerut, India
- Prof. Suresh Kumar, Indira Gandhi University, India
- Prof. Varun Bajpai, Axum University, Ethiopia
- Prof. Vipin Kumar, BKBIET, Pilani, India
- Prof. Youcef Mammeri, Université de Picardie Jules Verne, France

Organizing committee

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|-----------------------|----------------------------|
| Dr. Hukum Singh (HoD) | Dr. Pooja Punyani |
| Dr. Aditya Sharma | Dr. Rajni Rohila |
| Dr. Anubhav Raghav | Dr. Sakshi Gupta |
| Dr. Antim Chauhan | Dr. Seema Thakran |
| Dr. Arjun Singh | Dr. Sunita Sharma |
| Dr. Astha Chauhan | Dr. Tarul Garg |
| Dr. Bharti Arora | Dr. Tejpal Singh Chundawat |
| Dr. Chetna Tyagi | |

Eminent speakers

- Prof. Chandershekhar, BITS Pilani, India
Prof. H. C. Taneja, Delhi Technology University, India
Prof. Kumkum Dewan, Jamia Milia Islamia University, New Delhi, India
Prof. Pankaj Gupta, University of Delhi, India
Prof. Rajeev Kumar, Maharishi Dayanand University, India
Prof. Rashmi Bhardwaj, Guru Gobind Singh Indraprastha University, New Delhi, India
Prof. Sachin Kumar, University of Aberdeen, UK
Prof. S. Dharamraja, IIT Delhi, India
Prof. S. P. Yadav, IIT Roorkee, India
Prof. S. R. Singh, Chaudhary Charan Singh University, Meerut, India
Prof. Varun Bajpai, Axum University, Ethiopia
Prof. Youcef Mammeri, Université de Picardie, France

For further information, feel free to contact us

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Important deadline

Last date of abstract submission: **15 March 2022**

Acceptance of abstract: **22 March 2022**

Website link:

<https://www.ncuindia.edu/event/international-conference/>

Registration link: <https://forms.gle/fs2KtYUc6tJ4Ch7C7>

* No registration fees

