



Faculty Development Programme

On

“Recent Trends in Quantum Computing, Applied Mathematics and Artificial Intelligence”

Organized by

Department of Mathematics, Jaypee Institute of Information Technology, Noida, Uttar Pradesh (INDIA)

(Declared Deemed to be University under Section 3 of UGC Act 1956)

(June 01-06, 2026)

About the Institute

Jaypee Institute of Information Technology (JIIT) is declared as a deemed to be University under section 3 of UGC Act 1956. JIIT is fully backed and supported by the Jaypee Group of Companies through its not-for-profit trust – Jaiprakash Sewa Sansthan (JSS). It is situated near the Electronic City at Noida and is at a distance of about 3 Kms from New Delhi – UP border. The state-of-the-art campus aims at becoming a centre of excellence in the field of information technology & related emerging areas of education, training and research comparable to the best in the World for producing professionals who shall be leaders in innovation, entrepreneurship, creativity and management. The Institute offers Under Graduate, Post Graduate, Doctoral programs in the various disciplines of Engineering, Sciences, Management, Computer Application and Mass Communication, etc. JIIT is a NAAC Accredited, AICTE approved and NIRF Ranked Institute in Delhi NCR. For more info, visit: <http://www.jiit.ac.in>

About the Department of Mathematics

Mathematics plays a key role in the development of modern sciences, engineering, management and many other important areas of activities. With this aim in mind the Department of Mathematics was established from the very inception with a vision to attain excellence in teaching and research and become a leader in the field of mathematics and its applications. Besides catering to the basic needs of the various UG, PG and Ph. D. programs of the Institute, it had a strong fervour towards research and development. The Department has a good blend of pure and applied mathematicians, which provides a vibrant research atmosphere. The specializations of the faculty members cover most of the important and emerging areas of Mathematics. The Department is also actively involved in its own research and development activities through its B.Sc., B. Tech. (M&C), M.Sc. and Ph.D. Programs.

About the FDP

Recent advancements in Quantum Computing, Applied Mathematics and Artificial Intelligence are transforming the landscape of science, technology, engineering, healthcare, finance, cybersecurity and data-driven research in today's rapidly evolving digital era. The aim of this FDP is to provide a comprehensive platform for academicians, researchers, industry professionals and students to explore emerging developments and interdisciplinary applications in these rapidly evolving domains. The FDP focuses on bridging theoretical foundations with practical applications by covering contemporary topics in Quantum Computing, Machine Learning, Data Analytics, Optimization Techniques, Computational Mathematics and Artificial Intelligence. The program is designed to enhance research aptitude, promote innovative thinking and encourage collaborative learning among participants. Through expert lectures, hands-on sessions, case studies and interactive discussions, the FDP seeks to familiarize participants with cutting-edge tools, algorithms and research methodologies that are transforming science, technology and industry. This FDP will serve as a valuable opportunity for academicians to gain insights into current research trends, future directions and interdisciplinary challenges in the fields of Quantum Computing, Applied Mathematics and Artificial Intelligence.

Resource Persons

Eminent academicians and industry experts from reputed universities and organizations will deliver lectures during the FDP.

Mode of FDP

The sessions will be conducted in online mode (via Google Meet) as per the following schedule:
Monday to Friday: 2:00 PM – 4:00 PM (IST)
Saturday: 10:00 AM – 12:00 PM (IST)

Who can participate?

The program is open to all Faculty Members/ Scientists/ Engineers/ Research Scholars working in Educational Institutes/ Industries/ R&D organizations.

Registration Fee

External participants: Rs. 500

JIIT members: Free

*Last date for registration: May 31, 2026

Payment Link and QR Code

<https://payments.cashfree.com/forms/FDPMATW>



How to apply?

The interested persons after payment can register through the link:

<https://forms.gle/gQdXfYhj1ENaztxV6>

Head of Department

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