



Department of Mathematics
Jaypee Institute of Information Technology, Noida, INDIA
(Deemed to be University under Section 3 of UGC Act 1956)

FACULTY DEVELOPMENT PROGRAM

on
Computational Tools and Numerical Methods in Engineering and Applied Sciences

October 13-18, 2025

ABOUT THE INSTITUTE

The 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). The state-of-the-art campus aims at becoming a center 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 Doctoral (Ph.D), Post Graduate (M.Sc, M.Tech, MBA, MA, M.Com, MCA and MDES) as well as Under Graduate (B.Tech, B.Sc, BBA, BJMC, B.Com and BCA) programs in the various disciplines of Engineering, Sciences and Management. JIIT is a NAAC Accredited, AICTE approved and NIRF Ranked Institute in Delhi NCR. For further details, visit: <http://www.jiit.ac.in>

ABOUT THE DEPARTMENT

Mathematics is at the background of almost all advances in various domains of engineering and technology. With this view point, the Department of Mathematics strives to make an impact on the disciplines of mathematics and engineering through internationally recognized research in pure and applied mathematics, dedicated teaching that empowers undergraduate and graduate students to formulate and solve mathematical problems. Department runs its own Under Graduate (B.Tech-M&C, B.Sc-CS), Post Graduate (M.Sc) and Ph.D programs besides catering to the need of the other departments of JIIT.

All the details about the department are available at:
<http://www.jiit.ac.in/mathematics>

ABOUT THE FDP

Computational tools and numerical methods play a vital role in engineering and applied sciences by offering effective techniques to model, analyze, and solve complex problems that are often difficult or impossible to address analytically. With the growing need for accurate solutions, these approaches provide powerful means to handle real-world challenges. This FDP is designed to introduce participants to advanced numerical techniques and modern computational tools that enhance analytical and problem-solving abilities. The FDP aims to prepare professionals and researchers to solve complex problems with greater accuracy, efficiency, and innovation.

RESOURCE PERSONS

The FDP will be endorsed by several distinguished speakers invited from IITs, NITs and other premier institutions.

WHO CAN PARTICIPATE

The program is open to all the faculty members/scientists/engineers.

REGISTRATION PROCESS

To complete the registration, the applicants are requested to fill the Google form provided in the link/scanner below:

Registration Fee: Rs. 500

<https://forms.gle/N5LEirPzm9J94hub8>



(No Registration FEE for Members of JIIT)

PAYMENT LINK AND SCANNER

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



MODE OF CONDUCTION OF FDP

Online (Google Meet)

PARTICIPATION CERTIFICATE

E-certificates shall be issued to those participants who will attend the program with minimum 80% attendance and score minimum qualifying marks in the quiz.

LAST DATE OF REGISTRATION: October 11, 2025.

Seats are limited and selection will be on a first come first serve basis.

CONVENER

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PROGRAM COORDINATORS

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