Nālandā UNIVERSITY

An Avant-Garde International University with Ministry of External Affairs, GoI.
Established by an Act of Parliament of India

ADMISSION ANNOUNEMENT 2025-27

M.A. / M.SC. IN MATHEMATICS

The M.A. and M.Sc. in Mathematics at Nalanda University aims to equip students with a strong foundation in both pure and applied mathematics, covering essential topics such as algebra, analysis, geometry, number theory, and mathematical modelling. The program encourages students to explore the connections between mathematics and other disciplines. Collaborative research opportunities with faculties in related fields such as computer science, physics, and economics will be available to provide a broader perspective.

Salient Features of the Program

- **Comprehensive Curriculum** – Covers core mathematical disciplines, including Differential Equations, Algebra, Real & Complex Analysis.
- **Interdisciplinary Approach** – Elective courses in Computational Neuroscience, Mathematical Biology, Mathematics for Finance, Fluid Dynamics, Quantum Mechanics and Quantum Computation provide diverse career pathways.
- **Hands-on Learning** – Includes Numerical Methods, Python/C Programming, and Industrial Mathematics for practical problem-solving skills.
- **Research-Oriented Learning** – A dedicated 9-credit dissertation in the final semester to foster independent research and innovation.
- **Flexibility with a Cafeteria Model** – Wide range of electives, allowing students to tailor their studies to their interests and career goals.
- **Career Opportunities** – Prepares students for academia, research, data science, finance, and industrial applications of mathematics.

SCHOLARSHIPS

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To know more about the programme scan this QR code

To access the online application portal scan this QR code

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