



നാഷണൽ ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് ടെക്നോളജി കാലിക്കറ്റ്
 राष्ट्रीय प्रौद्योगिकी संस्थान कालीकट
 National Institute of Technology Calicut

(An Institute of National Importance)



Department of Mathematics Ph.D. Admissions Monsoon 2024

**NIRF RANK (2023): All India 23rd (Engineering Colleges) | All India 2nd (Architectural Colleges)
 All India 8th (Innovation) | All India 75th (Management) | All India 54th (Overall)**

Available Schemes

- **Scheme I:** Full-time candidates (with Junior Research Fellowships such as CSIR/ UGC/ NBHM/ DST-INSPIRE/ KSCSTE etc.). Limited institute fellowship for candidates with GATE/ NET (LS)
- **Scheme II:** Full-time candidates under the self-sponsored category
- **Scheme III:** Full-time candidates sponsored from industry or other organizations including educational institutions
- **Scheme IV:** Internal registration for regular staff or research staff under funded projects in NIT Calicut.
- **Scheme V:** External (Part-time) registration for candidates from industry/other organizations including educational Institutions
- **Scheme VI:** External (Part-time) registration to direct Ph.D. program for candidates working in industry/ R&D labs who do not have a PG degree, but possess relevant experience in reputed industries

Eligibility

Master's degree in Mathematics/ Statistics/ Computer Science and Applications with minimum 60% marks (CGPA 6.0/10) or equivalent. For SC/ST/PWD candidates minimum marks is 55% (CGPA 5.5/10).

How to Apply?

Apply online using the following link:

<https://dss.nitc.ac.in/mtechapp/phd/frmLogin.aspx>

Research Areas

- Actuarial Science
- Algebraic Function Theory
- Algebraic Topology
- Banach Algebras
- Category theory
- Combinatorics & Graph Theory
- Commutative Algebra
- Complex Analysis
- Computational Finance
- Differential Equations
- Differential Geometry
- Fractal Geometry
- Fractional Calculus
- Functional Analysis
- Fuzzy Graph Theory
- Fuzzy Logic
- Game Theory
- Geometric Functions Theory
- Lie Algebra/Superalgebra
- Linear algebra
- Mathematical Analysis
- Matrix Theory
- Modular Forms
- Nonlinear Dynamics
- Nonlinear Elliptic and Subelliptic PDEs
- Number Theory
- Numerical Analysis and Scientific Computing
- Numerical Analysis of Differential Equations
- Numerics of Singularly Perturbed Differential Equations
- Operations Research
- Operator Theory
- Optimization
- Partition Theory
- Reliability of systems
- Set Generalizations
- Several Complex Variable
- Special Function and Function Spaces
- Spectral Graph Theory
- Stochastic Modelling and Applied Statistics
- Theory of Rings and Modules
- Time Series Analysis
- Topological Data Analysis
- Topology
- Variational Analysis
- Wave Structure Interactions
- Wavelets Theory

FURTHER
 INFORMATION



www.nitc.ac.in
 Contact: 0495 2285201
maths@nitc.ac.in

Application Deadline
 April 17, 2024 23:59