NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

DEPARTMENT OF MATHEMATICS

Admission to Ph.D. Program (2024-25)

NIT Warangal invites applications from highly motivated students for admission to its PhD Programme, July 2024 Session for the Academic Year 2024-25.

About the Department

- The Department of Mathematics was established in 1959 and has always shared the vision of the institute in striving for excellence in teaching and research activities. Over the years, the department has evolved as one that provides excellent teaching and research in Applied Mathematical Sciences and Mathematics & Scientific Computing. The Department currently offering B.Tech. (Mathematics and Computing), M.Sc. (Applied Mathematics), M.Sc. (Mathematics and Scientific Computing), Five-year Integrated M.Sc. Mathematics and Ph.D Programme.
- The Department since its inception in 1959 is known to be an active research center in Applied Mathematics.
  Number of Ph.D's awarded : 135
  Number of candidates working for their Ph.D. : 60
- **Research Projects:** The Department has successfully completed 22 research projects funded by various organizations like MHRD, AICTE, UGC, CSIR and DST etc.

Eligibility and Selection Criteria

- Candidate with 60% aggregate marks or 6.5 CGPA at both UG and PG for GEN/ GENEWS/ OBC-NCL category
- Minimum 55% aggregate marks or 6.0 CGPA for SC/ ST/ PwD category

Research Areas for PhD Program

- Differential Equations
- Numerical Analysis
- Fluid Dynamics
- Computational Fluid Dynamics
- Biomechanics
- Algebraic Coding Theory
- Mathematical Biology
- Cryptography
- Operations Research, Fuzzy Set Theory

Important Dates

Announcement of inviting Applications	March 4, 2024
Last date to receive applications:	April 3, 2024
Announcement of shortlisted candidates for written test/ interview	April 16, 2024
Written test/ interview	April 29-May 2, 2024
Announcement of selected candidates	May 14, 2024

FELLOWSHIP

Designation & Qualification	Emoluments (per month)
1. Junior Research Fellow (JRF) Post Graduate Degree in Basic Science OR Graduate / Post Graduate Degree in Professional Course selected through a process described through any one of the following: A) Scholars who are selected through National Eligibility Tests - UGC NET including lectureship (Assitant Professorship) & GATE B) The selection process through National level examinations conducted by MHRD and its Agencies and Institutions such as UGC/IIT/IISc./IISER/IIIT etc	The candidates selected for admission to Ph.D. under Full-Time program are eligible to receive Institute fellowship as per Ministry of Education rules
2. Senior Research Fellow (SRF) Qualification prescribed for JRF with 2 years of research experience	

****The Institute fellowships are subject to change from time to time as per the instructions from the Ministry of Education, Government of India.**

LINKS

- PhD Admission Portal : https://admissions.nitw.ac.in/register/?next=/
- About Maths Department : https://www.nitw.ac.in/math