NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

DEPARTMENT OF CHEMISTRY



Ph.D Program in Chemistry

Applications are invited (twice every year) from highly motivated and research – oriented students for admissions in Ph.D. program (full-time and part-time) of the Department of Chemistry, NIT Warangal.

RESEARCH AREAS

- Organic and Medicinal Chemistry
- Synthetic Chemistry
- Materials Chemistry
- Heterogeneous and Electrocatalysis
- Photophysical Chemistry
- Nanochemistry
- Green Chemistry
- Theoretical and computational Chemistry
- Chemical Biology
- Supramolecular Chemistry

ELIGIBILITY CRITERIA

- M.Sc/M.Phil. In Chemistry/Biochemistry/ Pharmaceutical Chemistry/ Physics/ equivalent from recognized universities with NET/GATE qualified and CSIR/UGC-JRF

ADMISSION HIGHLIGHTS

- Admissions based on merit in the written test and interview
- Opportunities for interdisciplinary research
- Fellowship as per CSIR/UGC
- Conversion of project students to Institute fellowship

HOW TO APPPLY

Advertisement link:
https://admissions.nitw.ac.in/register/?next=/

FELLOWSHIPS

JRF 37,000 + HRA (As per norms)
SRF 42,000 + HRA (As per norms)

ABOUT THE DEPARTMENT

- High-class infrastructure
- Highly qualified and experienced faculty members
- Healthy competitive research Environment
- Access to SciFinder and journals from ACS, RSC, Wiley-VCH, Elsevier, etc.
- Research funding from government agencies and industries
- Publication in high impact journals
- Regular seminar and lectures by experts from academia and industry
- Sufficient Lab space
- More details at https://www.nitw.ac.in/che

INSTRUMENTATION FACILITIES

- NMR (400 MHz)
- LC-HRMS
- FTIR spectrometer
- ESR Spectrometer
- UV-VIS Spectrometer
- HPLC analyser
- CHNS-O Elemental Analyzer
- Powder x-ray diffractometer
- Surface Area And Porosity Analyzer
- FESEM
- Electrochemical work stations
- TGA-DTA Analyzer
- Liquid N_2 plant
- GC instrument

















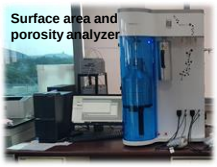


















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