

Ph.D. Programmes Offered

- (i) Ph.D. in Applied Mathematics
- (ii) Ph.D. in Applied Chemistry
- (iii) Ph.D. in Applied Physics

Recognized Supervisors

Programme	Recognized Supervisor(s)	Research Areas
Ph.D. in Applied Mathematics	<i>Prof. Rajib Haloi</i> Ph.D. (Indian Institute of Technology Kanpur)	Differential Equations, Harmonic Analysis
	<i>Bijoy Krishna Debnath</i> Ph.D. (National Institute of Technology Agartala)	Operations Research, Inventory Modelling, Fuzzy Mathematics and Applications, Multi Criteria Decision Making Problems
	<i>Somnath Paul</i> Ph.D. (Tezpur University)	Spectral Graph Theory: Application of Linear Algebra in Graph theory, Graphs and Matrices
Ph.D. in Applied Chemistry	<i>Dhrubajyoti Haloi</i> Ph.D. (Indian Institute of Technology Kharagpur)	Polymer Synthesis & Characterization, Chemical Modification of Polymer, Polymer Composite
	<i>Saona Seth</i> Ph.D. (Indian Institute of Technology Kanpur)	Functional Organic and Metal-organic Polymers, Energetic Materials, Materials for Energy and Environmental Applications
Ph.D. in Applied Physics	<i>Pranjal Kumar Gogoi</i> Ph.D. (National University of Singapore)	Low-dimensional Material Physics, Transition Metal Dichalcogenides, Spectroscopic Ellipsometry, Electron Energy Loss Spectroscopy, Scanning Transmission Electron Microscopy
	<i>Biplob Sarkar</i> Ph.D. (Indian Institute of Technology Guwahati)	Theoretical Modelling of Astrophysical Flows, Study of X-ray Binaries, X-ray Data Analysis and Interpretation

Admission Procedure

Candidates will be selected based on (i) Performance in qualifying examination and past academic performance, (ii) Statement of Purpose (SOP), embedded with a set of questions and (iii) Personal Interview (PI). However, candidates with UGC- (NET/JRF)/UGC-CSIR (NET/JRF)/DBT-JRF/ICMRJRF/ICAR-NET/GATE/ SLET / M.Phil. will be required to appear in PI only.

Eligibility

Programme	Required Qualification
Ph.D. in Applied Mathematics	<p>M.Sc./M.A./M.E./M.Tech. /MS/BS-MS/Integrated M.Sc. degree in Mathematics/Statistics/Engineering Mathematics/ Mathematics and Computing/ Applied Mathematics/ Operations Research/ Mechanical Engg./ Industrial Engineering/ Computer Science and Engineering/ Information Technology/any allied subject with 55% marks in aggregate or equivalent CGPA.</p> <p>OR</p> <p>B.Tech. in Mathematics and Computing/any allied subjects with 75% marks in aggregate or equivalent CGPA with a valid GATE Score. Minimum two recommendation letters from the institute/ university from where B.E./B.Tech. degree was obtained.</p>
Ph.D. in Applied Chemistry	<p>M.Sc. in Chemistry/ Chemical Sciences/ Polymer Chemistry/ Polymer Science/ Physics/ Nano Science/Material Science/ Environmental Science or allied subjects</p> <p>OR</p> <p>M.E./M.Tech in allied subjects (Chemical Engineering/ Polymer Technology/ Material Sciences/ Environmental Engineering/ Energy etc.)</p>
Ph.D. in Applied Physics	<p>M.Sc./Integrated M.Sc. in Physics/ Astrophysics/ Electronics/ Geophysics/ Material Science/ Applied Mathematics/ Nanoscience and Technology/ Biotechnology/ Environmental Science and Chemical Science.</p> <p>OR</p> <p>M.Phil. M.Tech. in Solid State Material/ Material Science/ Electronics/ Energy/ Nanoscience and Technology/ Biotechnology/ Environmental Science and Chemical Sciences.</p> <p>OR</p> <p>M.S Astronomy and Astrophysics.</p> <p>OR</p> <p>B.Tech. in Engineering Physics with 80% marks in aggregate or equivalent CGPA.</p>

Further details about eligibility criteria, fees structures, admission policy are available in the prospectus and admission notifications. For details, please visit the Tezpur University website www.tezu.ernet.in and admission portal at www.tezuadmissions.in.