

## Prerequisites for admission into the Ph.D. programme of Tezpur University

| School               | Department                                | Qualification   |
|----------------------|---|---|
| Science & Technology | Chemical Sciences                         | M.Sc. in all branches of Chemical Sciences/Physics/ Nano Science/ Material Science/ Biotechnology/ Biochemistry/ Bioinformatics/ Environmental Science. M.E./M.Tech in allied subjects (Chemical Engineering/ Polymer Technology/ Material Sciences/ Environmental Engineering etc.).<br>B.Tech in Chemical Engineering/ Polymer Technology/ Material Sciences/ Environmental Engineering etc. with 80% marks in aggregate or equivalent grade.               |
|                      | Mathematical Sciences                     | M.A./M.Sc. degree in Mathematics / Statistics / Physics / Computational Seismology / Economics with requisite background in Mathematics.  |
|                      | Physics                                   | M.Sc. in Physics/Electronics/Geophysics/ Material Science/Applied Mathematics/ Nano Science and technology/ Biotechnology/ Environmental Science and Chemical Science.<br>M.Phil., M.Tech in Solid State Materials/ Material Science/ Electronics/ Energy/ Nanoscience & Technology/ Biotechnology/ Environmental Science and Chemical Sciences.<br>B.Tech. in Engineering Physics with 80% marks in aggregate or equivalent CGPA.                            |
|                      | Molecular Biology & Biotechnology         | M.Sc. in Biotechnology / Molecular Biology / Molecular Biology & Biotechnology / Biochemistry / Microbiology / Genetics / Plant Breeding / Agricultural Biotechnology / Life Sciences/ Botany/ Zoology/Applied Botany/Biophysics/Bioinformatics.<br>M.Tech. in Biotechnology, Bioinformatics, Food Processing Technology, Biochemical Engineering / M. Pharma / M.V.Sc. / M.F.Sc. / MD / MBBS with 80% or equivalent GPA / M.Sc. in Nanoscience & Technology. |
|                      | Environmental Science                     | M.Sc. in Environmental Science / Botany /Applied Botany/ Chemistry / Physics / Zoology / Earth Sciences/ Agro-forestry / Life Science.<br>M.Sc.(Agri) in Crop Physiology / Biochemistry / Horticulture / Agronomy /Soil Science / Meteorology.<br>M.Sc. in Agricultural Science.  |
| Engineering          | Electronics and Communication Engineering | ME / M.Tech. / M.Sc. Engg/ MS in Electronics/ Communication/ Electronics Design/ Electrical/ Instrumentation/ Control/ Microwave/ Biomedical/ Bioelectronics/ Bio-Technology/ Computer Science/ Information Technology.<br>M.Sc. in Electronics / Physics / Applied Mathematics<br>MCA with Physics, Chemistry and Mathematics in Bachelor degree, MBBS with MD/MS degree.<br>BE/B.Tech with 80% marks in aggregate or equivalent CGPA with valid GATE score  |
|                      | Computer Science & Engineering            | M. Tech. in Computer Science / I.T. / Electronics<br>MCA<br>M.Sc. in Computer Science / I.T.<br>BE/B.Tech with 80% marks in aggregate or equivalent CGPA with valid GATE score  |
|                      | Food Engineering and Technology           | M.Sc./ M.Tech./ ME degree in Food Technology/ Food Science & Technology/ Food Processing Technology/ Food & Nutrition/ Microbiology/ Food Microbiology/ Applied Microbiology/ Biochemistry/ Chemistry/ Biotechnology/ Food Engineering/ Dairy Engineering/ Food Biotechnology Engineering.  |
|                      | Mechanical Engineering                    | ME/M.Tech./ M.Sc.(Engg.) in Mechanical Engineering or allied areas.<br>BE/B.Tech with 80% marks in aggregate or equivalent CGPA with valid GATE score.  |

|                              |                            |   |
|------------------------------|----------------------------|---|
|                              | Civil Engineering          | Master's Degree in Engineering/ Technology/ Science.<br>BE/B.Tech with 80% marks in aggregate or equivalent CGPA with valid GATE score.   |
|                              | Energy                     | M.Sc. / ME / M.Tech. degree in Energy Technology / Energy Management / Energy related Engineering & Technology / Physics / Chemistry / Agriculture / Allied subjects.   |
| Humanities & Social Sciences | English & Foreign Language | M.A. in English (specialization may be in literature, English Language Teaching or Linguistics)<br>M.A. in Linguistics  |
|                              | Cultural Studies           | M.A. in any of the discipline in Humanities or Social Sciences with a uniformly good academic career. Candidates with UGC JRF, UGC NET or NE SET will be given preference.  |
|                              | Sociology                  | Post Graduation in Sociology<br>Post Graduation in Anthropology (with specialization in Social Anthropology)/ Economics/ History/ Political Science/ Social Work.<br>Post Graduation in Mass Communication/ Law/ Management/ Cultural Studies/ Philosophy/ English. |
| Management Sciences          | Business Administration    | M.B.A.<br>M.Com.<br>M.A. / M. Sc. in Economics<br>M.A. in Psychology / Sociology / Social Work / Cultural Studies.<br>M.C.A<br>M.T.M. / M.T.A.<br>FCA/FCS/FICWA   |