

**Discipline-Wise Eligibility Conditions for Admission to Ph.D. Programs [Semester I, 2016-17]**

<b>Discipline/ Faculty Group</b>	<b>Minimum Eligibility Criteria</b>
<b>BIOLOGICAL ENGINEERING</b>	At least 60% marks (55% for SC / ST) or 6.0 (5.5 for SC/ST) CPI/CGPA on the scale of 10 in: MSc (Biosciences / Biochemistry / Chemistry / Zoology / Botany); B.Tech /M.Tech. (Biochemical / Biotechnology / Bioinformatics / Biophysics / Biomaterials / Biomedical Engineering) or equivalent degree and related programs.
<b>CHEMICAL ENGINEERING</b>	First Class or 60% marks (55% for SC / ST) or 6.0 (5.5 for SC/ST) CPI/CGPA on the scale of 10 in: B.E/B.Tech/M.E/M.Tech or equivalent degree in Chemical Engineering OR related branches of Engineering.
<b>CHEMISTRY</b>	At least 60% marks (55% for SC / ST) or 6.0 (5.5 for SC/ST) CPI/CGPA on the scale of 10 in: MSc (Analytical Chemistry/ Organic Chemistry/General Chemistry/ Physical Chemistry/Biochemistry)
<b>CIVIL ENGINEERING</b>	First Class or 60% marks (55% for SC / ST) or 6.0 (5.5 for SC/ST) CPI/CGPA on the scale of 10 in: B.E./B.Tech/M.E/M.Tech or equivalent degree in Civil Engineering or closely related field.
<b>COGNITIVE SCIENCE</b>	55% (50% for SC/ST) or 5.5 (5.0 for SC/ST) CPI/CGPA on the scale of 10 in: MA or equivalent. OR 60% (55% for SC/ST) or 6.0 (5.5 for SC/ST) CPI/CGPA on the scale of 10 in B.Tech./M.Tech./MSc or equivalent.
<b>COMPUTER SCIENCE AND ENGINEERING</b>	Candidates are expected to have M.Tech./ME in CS or MCA/MSc (Maths/Statistics, related areas) with 70% marks (65% for SC / ST) or 7.0 (6.5 for SC/ST) CPI/CGPA on the scale of 10. (Applicants must mention their performance (marks/grade obtained/projects done) in the courses related to his or her research interest).
<b>HUMANITIES AND SOCIAL SCIENCES</b>	55% (50% for SC/ST) or 5.5 (5.0 for SC/ST) CPI/CGPA on the scale of 10 in: MA or equivalent. OR 60% (55% for SC/ST) or 6.0 (5.5 for SC/ST) CPI/CGPA on the scale of 10 in B.Tech./M.Tech./MSc or equivalent.
<b>EARTH SCIENCES</b>	M.Sc./M.A. (Geology, Earth Sciences, Geophysics, Environmental Sciences, Remote Sensing, Geography and related subjects) with 60% marks (55% for SC/ST) or a CPI/CGPA of 6.0 (5.5 for SC/ST) out of 10. Must be CSIR-NET or GATE qualified OR M.Tech./M.Phil. student (Geology, Earth Sciences, Geophysics, Environmental Sciences, Remote Sensing/GIS/Geomatics, hydrology and related subjects) with 60% marks (55% for SC/ST) / CPI/CGPA of 6.0 (5.5 for SC/ST) out of 10.
<b>ELECTRICAL ENGINEERING</b>	First Class or 65% marks (60% for SC / ST) or 6.5(6.0 for SC/ST) CPI/CGPA on the scale of 10 in: B.E./B. Tech/ M.E. /M.Tech or Equivalent degree in the broad area of Electrical and/or Electronics engineering, OR B.E./B.Tech/M.E./M.Tech or Equivalent degree in other branches of Engineering may be considered in areas consistent with the research areas of the discipline, OR M.Sc in disciplines consistent with the research areas of the discipline.
<b>MECHANICAL ENGINEERING</b>	First Class or 60% marks (55% for SC / ST) or 6.0 (5.5 for SC/ST) CPI/CGPA on the scale of 10 in: B.Tech. / M.Tech or equivalent degree in Mechanical Engineering OR B.Tech/ M.Tech degree or equivalent in Chemical Engineering / Electrical Engineering / Production Engineering / Industrial Engineering/ Aerospace Engineering OR B.Tech. / M.Tech. Degree in other branches of Engineering / Technology with an outstanding academic record may also be considered for research areas consistent with their academic background and special interests of the discipline.
<b>MATERIALS SCIENCE AND ENGINEERING</b>	First Class or 60% marks (55% for SC / ST) or 6.0 (5.5 for SC/ST) CPI/CGPA on the scale of 10 in: B.E./B.Tech/M. Tech./M.S. or equivalent degree in Materials Science/ Metallurgical/ Mechanical/Manufacturing Engineering/Physics/Chemistry/Biotechnology.
<b>MATHEMATICS</b>	M.A./M.Sc. in Mathematics with at least First Class or 60% marks (55% for SC / ST) or 6.0 (5.5 for SC/ST) CPI/CGPA on the scale of 10. OR B.E./ B.Tech with at least 60% (55% for SC / ST) or equivalent CPI/CGPA will also be considered.

<b>PHYSICS</b>	M.Sc. in Physics/Electronics or B.E./B.Tech./M.Tech. in any discipline with minimum 60% marks (55% for SC/ST) or 6.0 CPI/CGPA (5.5 for SC/ST) on a scale of 10.0. Applicants should have successfully qualified NET-JRF(Physics)/ GATE(Physics)/ JEST(Physics) examination not earlier than 2013. Candidates appearing for NET-JRF (Dec 2015), GATE (2016), JEST (2016) exams in Physics may also apply, but they must successfully qualify in at least one of these exams before being admitted to the Ph.D. Physics program at IIT Gandhinagar.
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