

PhD applications shortlisting criteria of Mechanical Engg., IIT Ropar for Sem-I, AY2019-20:

Cat.	Regular*	ERP	Direct**	Part-time*
Gen/ OBC	<u>Master's (Engg/Tech)</u> QPI* cutoff 70 <u>Master's (Sciences)</u> QPI* cutoff 70 + valid GATE/UGC/ CSIR/NET/NBHM or equivalent <u>Bachelor's(Engg/Tech)</u> QPI* cutoff 70 + valid GATE score cutoff 500	Master's (Engg/Tech.) 65% or 7 CGPA+2 years experience of R&D work Or Master's (Science) with 65% or 7 CGPA and valid score in GATE/UGC/CSIR/ NET/NBHM or equivalent + 2 years experience of R&D work Or BTech/BE: 65% or 7CGPA+ 4 years experience of R&D work	CFTI: Studying in BTech/BE final year+8CGPA Or Non-CFTI: Studying in BTech/BE final year with 8 CGPA and valid 500 GATE score	<u>Master's (Engg/Tech)</u> <i>QPI cutoff 70 + 2 years experience</i> <u>Master's (Sciences)</u> QPI cutoff 70 + valid GATE/UGC/ CSIR/NET/NBHM or equivalent + 2 <i>years experience</i> <u>Bachelor's(Engg/Tech)</u> QPI cutoff 70 + valid GATE score cutoff 500 +4 <i>years experience</i>
SC/ ST	<u>Master's (Engg/Tech)</u> QPI* cutoff 60 <u>Master's (Sciences)</u> QPI* cutoff 60 + valid GATE/UGC/ CSIR/NET/NBHM or equivalent <u>Bachelor's(Engg/Tech)</u> QPI* cutoff 60 + valid GATE score cutoff 400	Master's (Engg/Tech.) 55% or 6 CGPA+2 years experience of R&D work Or Master's (Science) with 55% or 6 CGPA and valid score in GATE/UGC/CSIR/ NET/NBHM or equivalent + 2 years experience of R&D work Or BTech/BE: 55% or 6 CGPA +4 years experience only in R&D work	[For SC/ST valid 400 GATE score]	<u>Master's (Engg/Tech)</u> <i>QPI cutoff 60 + 2 years experience</i> <u>Master's (Sciences)</u> QPI cutoff 60 + valid GATE/UGC/ CSIR/NET/NBHM or equivalent + 2 <i>years experience</i> <u>Bachelor's(Engg/Tech)</u> QPI cutoff 60 + valid GATE score cutoff 400 + 4 <i>years experience</i>
** GATE not required for IIT BTech candidates with 8 CGPA.				

*QPI (Quantitative Performance Index) = 0.9 x % of Marks @ Qualifying Degree + 10 x IW (Institute Weightage)

Equivalent percentage of Marks corresponding to CGPA/CPI = (CGPA/CPI)*65/7

IW = 1 (For Institutes ranking 1-100 either in engg. or overall category of NIRF 2019), else IW = 0