

Sl. No	Departments/School/ Cell	Essential Qualification	Specializations
1.	Applied Mechanics	Ph.D. in the relevant or equivalent discipline and shall have first class in the preceding degrees [B. Tech. or any equivalent degree in relevant discipline] AND [M. Tech. or any equivalent degree in relevant specialization]	<i>Turbulence Modeling and CFD, Biomedical Instrumentation and Device Development, Computational Material Science and (Materials Modeling), Artificial Intelligence and Machine Learning in the area of solid mechanics</i>
2.	Biotechnology	Ph.D. in the relevant or equivalent discipline and shall have first class in the preceding degrees [B.Sc./B. Tech. or any equivalent degree in relevant discipline] AND [M.Sc./M. Tech. or any equivalent degree in relevant specialization]	<i>Stem Cell and Tissue Engineering, Biomaterials</i>
3.	Chemical Engineering	Ph.D. in the relevant or equivalent discipline and shall have first class in the preceding degrees [B. Tech. or any equivalent degree in relevant discipline] AND [M. Tech. or any equivalent degree in relevant specialization]	<i>Artificial Intelligence & Machine Learning for Chemical Processes, Industrial Catalysis</i>
4.	Chemistry	Ph.D. in the relevant or equivalent discipline and shall have first class in the preceding degrees [B.Sc. or any equivalent degree in relevant discipline] AND [M.Sc. or any equivalent degree in relevant specialization]	<i>Organo-Catalysis, Inorganic based Material Chemistry</i>
5.	Civil Engineering	Ph.D. in the relevant or equivalent discipline and shall have first class in the preceding degrees [B. Tech. or any equivalent degree in relevant discipline] AND [M. Tech. or any equivalent degree in relevant specialization]	<i>Water Resources Engineering-Hydrology and Hydraulic Structures, GIS and Remote Sensing</i>
6.	Computer Sciences & Engineering	Ph.D. in the relevant or equivalent discipline and shall have first class in the preceding degrees [B. Tech. or any	<i>Artificial Intelligence (AI) & Data Analytics, Computer Systems & Engineering</i>

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		equivalent degree in relevant discipline /M.C.A.] AND [M. Tech. or any equivalent degree in relevant specialization]	
7.	Electrical Engineering	Ph.D. in the relevant or equivalent discipline and shall have first class in the preceding degrees [B. Tech. or any equivalent degree in relevant discipline] AND [M. Tech. or any equivalent degree in relevant specialization]	<i>Power System, Power Electronics, Control System</i>
8.	Electronics and Communication Engineering	Ph.D. in the relevant or equivalent discipline and shall have first class in the preceding degrees [B. Tech. or any equivalent degree in relevant discipline] AND [M. Tech. or any equivalent degree in relevant specialization]	<i>VLSI, RF, Microwave & Communication Systems, Signal Processing</i>
9.	GIS [Geographic Information System]	Ph.D. in the relevant or equivalent discipline and shall have first class in the preceding degrees [B. Tech. or any equivalent degree in relevant discipline] AND [M. Tech. or any equivalent degree in relevant specialization]	<i>Digital Photogrammetry, Artificial Intelligence (AI) Applications in Hyperspectral Image Processing</i>
10.	Humanities and Social Sciences	Ph.D. in the relevant or equivalent discipline and shall have first class in the preceding degrees [B.A./B.Sc./B.Com. or any equivalent degree in relevant discipline] AND [M.A./ M.Sc./ M.Com./ M.B.A. or any equivalent degree in relevant specialization]	<i>Management with specialization in Human Resource Management (HRM), Professional Ethics.</i>
11.	Mathematics	Ph.D. in the relevant or equivalent discipline and shall have first class in the preceding degrees [B.Sc. or any equivalent degree in relevant discipline] AND [M.Sc. or any equivalent degree in relevant specialization]	<i>Dynamical System, Computational Fluid Dynamics</i>
12.	Mechanical Engineering	Ph.D. in the relevant or equivalent discipline and shall have first class in the	<i>Industrial Engineering, Design Engineering</i>

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		preceding degrees [B. Tech. or any equivalent degree in relevant discipline] AND [M. Tech. or any equivalent degree in relevant specialization]	
13.	Physics	Ph.D. in the relevant or equivalent discipline and shall have first class in the preceding degrees [B.Sc. or any equivalent degree in relevant discipline] AND [M.Sc. or any equivalent degree in relevant specialization]	<i>Nuclear, High Energy Physics, Solid State Physics/Condensed Matter Physics, Spectroscopy, Electronics, Nonlinear Dynamics/Plasma Physics</i>
14.	Management Studies	Ph.D. in the relevant or equivalent discipline and shall have first class in the preceding degrees [B.A./B.Sc./B.Com. or any equivalent degree in relevant discipline] AND [M.A./ M.Sc./ M.Com./ M.B.A. or any equivalent degree in relevant specialization]	<i>Operations Management, Financial Management</i>
<p>Note:[1] Applicants who have completed Ph.D. degree directly after B.Tech. or equivalent degree may also be considered, provided that such applicants have 75% or 8.0 CPI at B.Tech. level.</p> <p>Note: [2] Preference will be given to the applicants having fellowship from National Bodies such as INSPIRE fellowship, Ramalingaswami fellowship, Wellcome Trust Fellowship etc.</p>			