

## Annexure-II

The minimum essential qualifications with relevant fields and desirable areas of specialization in the departments which have vacancies for the post of **Assistant Professor Grade-II (Level-10)**

Ref: Advt. No.: Estt. /2023/Faculty/3336/VII/2601 dated January 20, 2026

Sr. No.	Name of Department	Minimum Essential Qualifications with relevant fields	Specializations
1.	Computer Science and Engineering (CSE)	<p><b>B.E./ B. Tech.</b> in Computer Science &amp; Engineering / Computer Engineering/Information Technology/Computer Technology/ Information and Communications Technology/ Artificial Intelligence/ Data Science or any relevant discipline</p> <p><b>M.E./M. Tech./M.S.</b> in Computer Science &amp; Engineering/ Computer Engineering/Information Technology/Computer Technology/Information and Communications Technology/ Artificial Intelligence/ Data Science or any relevant discipline.</p> <p><b>Ph. D.</b> in any of the areas of specialization or any relevant specialization.</p>	<ul style="list-style-type: none"> <li>• Distributed Systems</li> <li>• Compiler Design</li> <li>• Wireless Networks</li> <li>• Image Processing and Computer Vision</li> <li>• Computer Algorithms</li> <li>• Information Security, Privacy and Digital Forensics</li> <li>• Natural Language Processing</li> <li>• Artificial Intelligence</li> <li>• Machine Learning</li> <li>• Cognitive computing</li> <li>• Robotics</li> <li>• Advance Computer Architecture</li> <li>• High Performance Computing</li> <li>• Quantum Computing</li> <li>• Cloud Computing</li> <li>• Cyber physical systems</li> <li>• Software Engineering</li> <li>• Drones and Related Technology</li> <li>• Agentic AI</li> <li>• Generative AI</li> <li>• Big Data Analytics</li> <li>• Explainable AI</li> </ul>
2.	Artificial Intelligence (AI)		
3.	Electrical Engineering	<p><b>B.E./B.Tech</b> in Electrical Engineering / Electrical and Electronics Engineering/ Instrumentation and Control Engineering / Power Systems Engineering/ Electrical Power Engineering/ Electrical and Instrumentation Engineering/ Power Electronics/ Electrical Engineering and Industrial Control/ Power Electronics and Instrumentation Engineering/ Applied Electronics and Instrumentation or equivalent</p> <p><b>M.E./M.Tech</b> in Electrical Engineering/ Power System/ Power Electronics and Drives/ Control</p>	<ul style="list-style-type: none"> <li>• Power Systems</li> <li>• Instrumentation and Control</li> <li>• Control and Automation</li> <li>• Renewable Energy</li> <li>• Energy System Engineering</li> <li>• Electric Vehicle</li> </ul>

		<p>Systems/ Electric Drives and Control/ Instrumentation and Control/ Machines and Electrical Drives/ Energy Systems/ Signal Processing and Control/ Micro processor System Applications/ Computer Controlled Industrial Power/ System Engineering/ Control and Automation or relevant disciplines</p> <p><b>Ph. D.</b> in any of the areas of specialization or any relevant specialization</p>	
4.	Electronics Engineering	<p><b>B.E./ B.Tech</b> in Electronics &amp; Communication Engineering / Electronics/ Communication / Telecommunication Engineering/ Electrical Engineering / Computer Science &amp; Engineering or equivalent</p> <p><b>M.E./ M.Tech</b> in Electronics &amp; Communication Engineering / Electronics / Communication / Telecommunication Engineering / Electrical Engineering / Computer Science &amp; Engineering or other relevant discipline</p> <p><b>Ph. D.</b> in any of the areas of specialization or any relevant specialization</p>	<ul style="list-style-type: none"> <li>• Analog &amp; Mixed Signal Design</li> <li>• RF VLSI Design</li> <li>• VLSI Devices</li> <li>• Microwaves</li> <li>• Testing and Verification of VLSI Circuits</li> <li>• Embedded Systems and Processor Architecture</li> <li>• Audio, Video Signal Processing</li> <li>• Computer Vision</li> <li>• Image Processing</li> <li>• Speech Processing</li> <li>• Machine Learning</li> <li>• Deep Learning</li> <li>• Quantum sensing and Quantum Communication</li> <li>• Biomedical Signal Processing</li> <li>• Bioinformatics.</li> </ul>
5.	Civil Engineering	<p><b>B.E./ B.Tech/B.S. (Graduate)</b> or equivalent in Civil Engineering</p> <p><b>M.E./ M.Tech/ M.S. (Post Graduate)</b> in Construction &amp; Project Management or Construction Technology and Management or Construction Engineering and Management or Infrastructure Engineering and Management or Water Resources Engineering or Hydraulic Engineering or Ocean Engineering, or Coastal Engineering, or Ground Water Engineering</p> <p><b>Ph. D.</b> in any of the areas of specialization or any relevant specialization</p>	<ul style="list-style-type: none"> <li>• Construction and Project Management</li> <li>• Project Planning and Control</li> <li>• Construction Economics and Finance</li> <li>• Construction Automation</li> <li>• Construction Quality and Safety Management</li> <li>• Building Information Modelling</li> <li>• Digital Technology</li> <li>• Internet of Things</li> <li>• Robotics</li> <li>• 3D Printing</li> <li>• Equipment management</li> <li>• Resilient and sustainable</li> </ul>

			<p>infrastructure</p> <ul style="list-style-type: none"> <li>• Experimental Hydraulics</li> <li>• Experimental Hydrology</li> <li>• Computational Hydraulics</li> <li>• Hydrology</li> <li>• Stochastic Hydrology</li> <li>• Application of AI in Hydrology</li> <li>• Water Resources and Hydraulic engineering</li> <li>• Ground Water Flow Modelling</li> <li>• Flood Modelling</li> <li>• Hydraulic Structure</li> <li>• Water Infrastructure design in Urban areas / cities</li> <li>• Ocean Engineering</li> <li>• Coastal Engineering</li> </ul>
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Registrar**