

QUALIFICATIONS FOR ENGINEERING & TECHNOLOGY

ASSISTANT PROFESSOR:

i. Essential:

A Ph.D. Degree with First Class Master's Degree in the appropriate branch of Engineering (Engg.) & Technology (Tech.).

ii. Without prejudice to the above, the following conditions may be considered desirable:

1. Teaching, research industrial and/or professional experience in a reputed organization;
2. Papers presented at Conferences and/or in refereed journals.

Sr.No.	Discipline	Preferred areas of Specialisation	No. of Posts
1.	Civil Engg.	Structure Engg., Geo-technical Engg., Transportation Engg., Construction T & M, Surveying Irrigation Engg.	09 (02SC, 03Gen., 01BC, 02ESM, 01PH)
2.	Electrical Engg.	Power Systems, Electrical Machines, Electric Drives, High Voltage Engg., Electrical Measurements, Power Electronics, Non-Conventional Energy Systems, Electrical Machines Design.	08 (03SC, 02BC, 02ESM, 01PH)
3.	Electronics & Communication Engg.	VLSI Design, Embedded Systems/Microcontroller Based Systems, Optical Communication, Digital Electronic Systems, Nano-Electronics Technology/Micro-electronics/ Electronics Devices, Soft Computing/Cognitive Radio, Digital Computing/Digital Processing.	07 (02SC, 02BC, 02ESM, 01PH)
4.	Textile Engg.*	Textile Chemical Processing, Fabric Manufacturing, Garment Manufacturing, Fibre Science.	04 (02SC, 01BC, 01ESM)
5.	Computer Science & Engg.	Data Structures / Algorithms / Software Systems/ Software Engineering, Computer Networking / Network Security / Network Systems, Database Management Systems/ Data Mining / Cloud Computing / Big Data, Parallel Processing / Image Processing/ Digital Computing / Computer Architecture / System Design, Artificial Intelligence / Soft Computing/ Natural Language Processing, Compiler Design / System Software / System Programming/ Operating System	13 (03SC, 04Gen., 02BC, 02ESM, 01ESM SC, 01PH)

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