Annexure-II

The minimum essential qualifications with relevant fields and desirable areas of specialization in the departments which have vacancies for the post of <u>Professor</u>

(For first round of rolling advertisement)

Sr. No.	Name of Department	Minimum Essential Qualifications with relevant fields	Specializations
1.	Computer Science and Engineering	**B.E./ B. Tech.** or equivalent in Computer Science & Engineering / Computer Engineering/ Information Technology/ Electronics & Communication Engineering/Computer & Communication Engineering/Computer Technology/Information and Communications Technology/ Electrical & Electronics Engineering/Electronics Engineering/Artificial Intelligence/ Data Science or any relevant discipline **M.E./M.Tech.** or equivalent in Computer Science & Engineering / Computer Engineering/ Information Technology/ Electronics & Communication Engineering/Computer & Communication Engineering/ Computer Technology/Information and Communications Technology/ Electrical & Electronics Engineering/Electronics Engineering/Artificial Intelligence/ Data Science or any relevant discipline **Ph. D.** in relevant discipline.	• Machine Learning • Natural Language Processing • Social Networks Analysis • Data Science • Deep learning • Artificial Intelligence (Cognitive computing) • Robotics • Advance Computer Architecture • High Performance Computing • Quantum Computing • Cloud Computing • Image Processing • Computer Vision • Internet of Things and Cyber Physical Systems • Unmanned Aircraft System (Drone and Related Technology) • Soft Computing • Software Engineering • Digital/Interactive Media • Digital Forensic
2.	Artificial Intelligence	**B.E./ B.Tech.** or equivalent in Computer Science & Engineering / Computer Engineering/ Information Technology/ Electronics & Communication Engineering/Computer & Communication Engineering/ Computer Technology/Information and Communications Technology/ Electrical & Electronics Engineering/Electronics Engineering/Artificial Intelligence/ Intelligence/Data Science or any relevant field **M.E./M.Tech.** or equivalent in Computer Science & Engineering / Computer Engineering/ Information Technology/ Electronics & Communication Engineering/Computer & Communication Engineering/ Computer Technology/Information and Communications Technology/ Electrical & Electronics Engineering/Electronics Engineering/Artificial Intelligence/ Intelligence/Data Science or any relevant field **Ph. D.** in relevant discipline.	• Machine Learning • Natural Language Processing • Social Networks Analysis • Data Science • Deep learning • Artificial Intelligence (Cognitive computing) • Cloud Computing • Computer Vision • Robotics • Cyber physical systems • Soft computing