

Essential Qualification for Temporary Faculty / Teaching Assistant / Part Time Faculty Appointment (SESSION -2022-2023)

S.No.	Departments	Area/Specialization	Qualifications required
1	Biomedical Engineering	Biomedical Engineering, Electronics and Communication , Telecommunication, Instrumentation, Electronics and Instrumentation, Biomedical Instrumentation, Bio-electronics, Biomechanics, Tissue Engineering, Biomaterials, Biomedical Signal and Image Processing.	B.E. / B.Tech. & M.E. / M.Tech. in relevant discipline with first division & Ph.D. in relevant area/specialization
2	Chemical Engineering	Any field in Chemical Engineering.	
3	Civil Engineering	Structures, Geotechnical Engineering, Environmental Engineering, Construction Management, Water Resource Engineering and Remote Sensing & GIS, Transportation Engineering.	
4	Computer Science & Engg	Computer Science & Engineering	
5	Electrical Engineering	Power Systems, Control Systems, Power Electronics Machines, Machine Drives, Instrumentation, Electronics and other relevant specifications.	
6	Electronics & Telecommunication Engg	VLSI, Analog and Digital Communication , Microwave, Antenna, Signal Processing, Control System, Image Processing.	
7	Information Technology	Computer Network, Artificial Intelligence, Data Base Management System, Image Processing, Data Structure, Digital Electronics, Advanced/ Computer Architecture, Software Engineering, Operating System, TOC, Mobile Communication, Multimedia Communication.	

S.No.	Departments	Area/Specialization	Qualifications required
8	Mechanical Engineering	Mechanical Engineering, Industrial Engineering , Production Engineering, Machine Design, CAD/ CAM , Thermal Engineering, Industrial & Production Engineering etc	B.E. / B.Tech. & M.E. / M.Tech. in relevant discipline with first division & Ph.D. in relevant area/specialization
9	Metallurgical Engineering	Physical Metallurgy, Mechanical Metallurgy, Extractive Metallurgy, Transport phenomena, Energy materials, Additive manufacturing ,Materials Modelling and Simulation , Electrical magnetic and optical materials, Biomaterials and any other related Discipline.	First division in either BE/B.Tech or ME/M Tech or both with PhD in relevant specialization.
10	Mining Engineering	Mine Environment, Mine Planning & Design, Mine Surveying, Rock Mechanics, Strata Control, Coal Mining, Metal Mining, Surface Mining	BE/B Tech in Mining Engg. (with first Division) and PhD OR BE/B Tech in Mining Engg. (with First Division) & ME/M. Tech (with first Division) in Mining Engg or allied branch or B.E/B.Tech in Mining Engg. (in first division) with at least 10 years of Industrial Experience.
11	Architecture	Architecture/Planning/any relevant field	<p>i. For Teaching Assistant</p> <p>1. B Arch with minimum 60 % marks and three years of professional experience and</p> <p>2. Valid and Active Registration with council of Architecture (India).</p> <p>ii. For Temporary Faculty :</p> <p>1. B Arch and M Arch /M Plan or Equivalent with one year professional experience and</p>

			2. Valid and Active Registration with Council of Architecture (India) iii. For Part –Time Faculty: 1. B Arch. with two year professional experience and 2. Valid and Active Registration with Council of Architecture (India)
		Structures	B.E. (Civil)/ B.Tech. (Civil) and/or M.E / M.Tech in Structural Engineering.
		Fine Arts	Degree in Fine Arts / Visual Arts such as B.F.A. and/or Master of Fine Arts (M.F.A.) or Equivalent.
12	Applied Geology	Economic Geology, Palaeontology and Stratigraphy , Petrology, Mineral Exploration Mining Geology, Geochemistry, Structural Geology, Environmental Geology,	1. M. Tech. in Applied Geology or equivalent (OR) M.Sc. in Geology with M. Phil/ P.G. Diploma 2. Ph.D. in Appropriate Discipline.
13	Biotechnology Engineering	All Areas relevant to Biotechnology	B.E./B.Tech in Biotechnology/ followed by ME / M.Tech. in Biotechnology in first division and Ph.D. degree in appropriate discipline (OR) Ph.D. in Bio-Tech with M.Sc. in Bio-Technology with first division.
14	Computer Application (MCA)	Computer Science & Engineering, Computer Applications	B.E/B.Tech and M.E/M.Tech in first division with Ph.D in relevant area. Or MCA and preceding degree in first division with Ph.D in Relevant area.
15	Mathematics	Mathematics and Applied Mathematics	M.Sc in first division in relevant field and preceding degrees in first division with Ph.D in relevant area . If suitable Ph.D candidates are not available then candidates having M.Sc degree will be considered for position of "Teaching Assistant".
16	Chemistry	Physical, Inorganic, Organic, Analytical, Environmental, Applied Chemistry, Nano Science, Nano Technology.	M.Sc. in relevant field with First division and Ph.D in relevant area.

17	Physics	Condensed matter Physics, Optics and Photonics, Electronics, Solid State Physics, Material Science and relevant areas.	M.Sc. in relevant field with First division and Ph.D in relevant area.
18	Humanities and Social Sciences	Value Education	M.A Psychology with first class, Ph.D in value Education , Teaching experience in value education at NIT/IIT Level will be preferred
		Yoga & Health 01 Male & 01 Female	M.A /M.SC. in Yoga with first class, Ph.D in Yoga preferred , Teaching Experience in Yoga at NIT/IIT Level.

Note:

1. If suitable Ph.D. candidates are not available then candidates having ME/M.Tech./M.Arch/M.Sc/MCA (as per relevant stream) Degrees will be considered.
2. Candidates having B.Tech./B.Arch./M.Sc./MCA degrees can be considered for the position of “Teaching Assistant” only if suitable candidates having Ph.D. and/ or M.Tech Degrees are not available.