

Essential Qualification for Temporary Faculty / Teaching Assistant / Part Time Faculty Appointment (SESSION -2023-2024)

S. No.	Departments	Area/Specialization	Qualifications required
1	Biomedical Engineering	Biomedical Engineering, Electronics and Communication, Electronics & 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.	<ul style="list-style-type: none"> ▪ M Tech. in Chemical Engg with Ph.d. ▪ In case Ph.D candidates are not available then M.Tech will be considered.
3	Civil Engineering	Structures/Water Resources/Environment/Geotech/Transportation/Geomatics	PhD in Civil Engineering
4	Computer Science & Engineering	Advanced Machine learning, Soft Computing, Internet of things, software Engineering DBMS.	B.E. B Tech, ME , M Tech, Ph.D.
5	Electrical Engineering	Power Systems, Control Systems, Power Electronics Machines, Machines Drives, Instrumentation, Electronics and other relevant specifications.	M Tech/M.E or equivalent (Ph.D preferable).
6	Electronics & Communication Engineering	Communication Control, Information Technology.	M .Tech/Ph.D in ECE
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	B.E./B.Tech & ME/M.Tech in relevant discipline with first division & Ph.D in relevant area/specialization.

8	Mechanical Engineering	Preferred Area : 1. Design Engineering 2. Thermal Engineering 3. Industrial Engineering & Management	Ph.D
9	Metallurgical Engineering	Physical Metallurgy, Mechanical Metallurgy, Extractive Metallurgy, Computational Metallurgy, Transport Phenomenon, Energy Materials, Additive Manufacturing, Electrical, Optical, Magnetic and Bio Materials and other fields of relevance.	First Division in B.E/B. Tech. and M.E/M Tech. and PhD in relevant discipline.
10	Mining Engineering	Mining Engineering	Ph.D in Mining Engineering or relevant field with first class B. Tech/M. Tech in Mining Engineering from recognized university/Institute OR B.Tech and M.Tech in Mining Engineering with First class in B. Tech/M.Tech from recognized University/Institute.
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> <p>2. Valid and Active Registration with</p>

			<p>Council of Architecture (India)</p> <p>iii. For Part –Time Faculty:</p> <p>1. B Arch. with two year professional experience and</p> <p>2. Valid and Active Registration with Council of Architecture (India)</p>
		Structure	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,	<p>1. M. Tech. in Applied Geology or equivalent (OR) M.SC. in Geology with M. Phil/ P.G. Diploma.</p> <p>2. Ph.D. in Appropriate Discipline.</p>
13	Biotechnology Engineering	All Areas relevant to Biotechnology	<p>B.E./B.Tech in Biotechnology/ followed by ME / M.Tech. in Biotechnology in first division and Ph.D. degree in relevant discipline.</p> <p>(OR)</p> <p>Ph.D. in Biotechnology with M.Sc. in Bio-Technology with first division.</p>
14	Computer Application (MCA)	Computer Science & Engineering / Computer Applications	<p>B.E./B.Tech. and M.E./M.Tech. in first division with Ph.D. in relevant areas.</p> <p>OR</p>

			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 fields and preceding degrees in first division with Ph. D. in relevant areas. If suitable Ph. D. candidates are not available then candidates having M. Sc. degree will be considered for the position of “Teaching Assistant”.
16	Chemistry	Physical, Inorganic, Organic, Analytical, Environmental, Applied Chemistry, Nano Science, Nano Technology, Polymer Science & Technology	M.Sc. in relevant field with First division and Ph.D in relevant area.
17	Physics	Open	M.Sc.(Physics), Ph.D in relevant field of Physics.
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	M.A /M.SC. in Yoga with first class, Ph.D in Health & Yoga Teaching Experience in Yoga at NIT/IIT Level will be preferred area
		English	M.A (English) and with first class, Ph.D in English, Teaching experience in English. Teaching experience in English at NIT/IIT level will be preferred area.

Note:

1. If suitable Ph.D. candidates are not available then candidates having ME/M.Tech./M.Arch. 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.