

Ph.D. PROGRAMMES

Minimum Eligibility Criteria

Candidates for admission to the Ph. D. programme shall have a Master's Degree or a Professional Degree in a relevant area declared equivalent to the Master's Degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree from a foreign educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions.

A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled and other categories of candidates as per the decision of the UGC from time to time, or for those who had obtained their Master's degree prior to 19th September, 1991. The eligibility marks of 55% (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible based only on the qualifying marks without including the grace mark procedures.

Candidates possessing a degree considered equivalent to M.Phil. Degree of an Indian Institution, from a Foreign Educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions, shall be eligible for admission to Ph.D. programme.

S.N.	Centres	Eligibility	Seats	Specializations
1.	Applied Physics	M.Sc. in Physics	07	Photonic crystals, Photonic devices, slow light, optical solution propagation, Experimental Condensed Matter Physics, Nanoscale Physics, Multiferroics, Theoretical condensed matter Physics, Statistical Physics, Experimental Nuclear Physics, Theoretical High Energy Physics, Semi-Conductor devices, Nuclear Detectors, Defect Studies
2.	Applied Chemistry	Master Degree in Chemistry/ Applied Chemistry	07	Physical, Inorganic and Organic Chemistry
3.	Applied Mathematics	M.Sc. in Mathematics/ M. Maths	03	Algebra, Number Theory, Differential Equations and Applied Mathematics
4.	Life Sciences	M.Sc. Life Science / Bio. Science / Botany/ Zoology/ Biotechnology/ Biochemistry/	06	Molecular Plant Physiology & Biochemistry, Cancer Biology, Molecular Biology, Microbiology/

		Microbiology/Genetics		Biotechnology, Developmental Biology
5.	Environmental Sciences	M.Sc./ M.Tech. / M.Sc.(Tech.) / M.Sc. in Environmental Sciences & Sustainable Development, Earth & Atmospheric Sciences, Life Sciences, Remote Sensing, Chemistry, or in a cognate / allied subject	04	Atmospheric Sciences/Micrometeorology Biofuels/Energy conservation Ecology/Forestry Soil Science/Toxicology
6.	Mass Communication	Master degree in Communication/Mass Communication/Journalism/Electronic Media/Media/Film/Advertising/Public Relations/New Media/Development Communication	02	Electronic Media , New Media, Cinema, Rural Development and Development Communication
7.	Indigenous Culture Studies	Masters in Indigenous Culture Studies, Tribal Studies, English or any Tribal Language, Literature, Linguistics, History, Cultural and Social Anthropology, Sociology, Museology, Archaeology Note: Selected candidates are expected to pursue Ph.D. on Indigenous/ Tribal Issues	03	Cultural Heritage Management, Ethnography, Tribal History, Material Culture, Tribal Languages, Tribal Literature, Endangered Languages, Sociolinguistics, General Linguistics, Indigenous People and Land Relations, Indigenous Movements, Indigenous Food Security, Indigenous Knowledge System
8.	Tibetan Language	Master Degree in Tibetan Studies, Buddhist Studies Acharya, Himalaya Studies, and Tibetan Buddhist Philosophy	01	Tibetan language culture, and Tibetan Buddhist Studies.
9.	Tribal Folklore, Language & Literature	Master in any discipline with field work experience.	01	Fokloristics
10.	Human Rights & Conflict Management	M.A in any discipline from Social Sciences	01	Governance and public policy
11.	Business Administration	Master degree in MBA/PGDM	02	Finance and Human Resource
12.	Humanities & Social Sciences	Master Degree in Sociology or Economics	02	Economics Sociology of Education, Sociology of Development, Sociology of marginalized Groups, Civil Society

13.	Nanotechnology	M.E./ M. Tech. in appropriate branch of engineering and technology	03	Materials, Energy materials, surface and thin film, multiferoics, magnetic materials, supercapacitors, Hydrogen storage materials, photocatalyst
14.	Water Engineering & Management	M.Tech. in Civil Engineering/Agriculture Engineering/ Environmental Engineering/ Hydrology/ Water Resources/ Irrigation and Drainage Engineering/ Soil and Water Conservation Engineering/ Water Science & Technology and Int. M.Tech. in Water Engineering & Management	05	Slope Stability analysis/Ground improvement/ Environmental Geotechnology and Earthquake Geotechnical Engineering; Hydrological modelling/Irrigation system management/Urban Flood Management; Oriental Reservoir operation/Flood Hazard planning and management/ Flood forecasting; Soft computing; Climate change and climate variability/Climate change impacts on water resources/ Drought assessment/Application of RS & GIS in the field of watershed management
15.	Energy Engineering	M.E./M.Tech. in Electrical / Mechanical / Chemical / Energy Engineering/ Materials Science or equivalent	03	Solar photoactive materials, Solar photovoltaics, Alternate fuels
16.	Land Resource Management	Master Degree in Remote Sensing /Geoinformatics / Geomatics OR Master degree in Geography, Environmental Sciences/ Forestry/ Chemistry/ Physics/ Geology/ Geophysics/ Mathematics/ Oceanography/ Agriculture/ Atmospheric Sciences/ Climatology/ Information Science/ Computer Science/ Disaster Management/ Electronics/ Town Planning/ Botany/ Zoology/ Allied disciplines with at least PG Diploma in RS & GIS	02	Microwave and Hyperspectral Remote Sensing focusing on Forestry, Geological/ Mineral Studies, Flood Modelling
17.	Performing Arts	M.P.A./M.Mus./M.A. in Music or Master's degree in allied subject and having passed any one of the following programmes: B. (Mus.)/ <i>Sangeet Visharad/ Prabhakar/ Sangeet Vid</i> or equivalent qualification	02	Hindustani Classical, Semi Classical, Folk Music, Rabindra Sangeet, Musical Theatre, Voice Culture, Music Therapy, Gharana and Science of Music
18.	International Relations	Master Degree in relevant subjects from any recognised University	03	International Politics, National Security, Environmental Conflict in International Politics,

				South Asia, Indian, Foreign Policy, US-BD Relations. South Asia Indian Foreign Policy, India-Nepal Relations, <i>Gandhian</i> Studies,
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Nodal Officer, CUCET-2017