

CENTRAL UNIVERSITIES COMMON ENTRANCE TEST (CUCET) – 2018
Programmes and Eligibility

TWO-YEAR MASTERS AND PH.D. PROGRAMMES AT CENTRAL UNIVERSITY OF JHARKHAND, RANCHI

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.

***The number of seats may change depending on the availability of faculty/ specialization.**

Sl No	Degree	Centre/Department	Subject	Eligibility	Intake
1	Ph.D.	Contemporary & Tribal	Customary Law and Tribal	Post Graduate degree in Law/Anthropology/sociology/public	2

		Customary Law	Governance	administration Areas of Specialization: Tribal Law and Governance, Tribal Studies	
2	Ph.D.	Hindi	Hindi	M.A. in Hindi, Area of Specialization: Poetry, Drama, History of Literature, Prose	3+1*
3	Ph.D.	Mass Communication	Mass Communication	Master degree in Communication/Mass Communication/Journalism/Electronic Media/Media/Film/Advertising/Public Relations/New Media/Development Communication Areas of Specialization: Communication studies, media studies, Science Communication/Development communication, Film studies, New Media	4
4	Ph.D.	Tribal Studies	Tribal, Folklore, Language and Literature	Master in any discipline with field work experience. Specialization available in the centre are Folklore/Folkloristic/cultural studies/tribal studies	6
			Anthropology, History & Archeology, Linguistics	Masters in Indigenous Culture Studies, Tribal Studies, English or any Tribal Language, Literature, Linguistics, History, Cultural and Social Anthropology, Sociology, Museology, Archaeology Indigenous Culture Studies, Indigenous Movement, Social and Cultural Anthropology, Ethnography, Archeology, Cultural Heritage Management, Tribal history, Material Culture, Indigenous Knowledge system, Tribal Studies, Gender Studies, Tribal Language and Literature, Endangered Languages, Multilingualism, Socio-Linguistics, Morphology, Indian Grammatical Tradition, General Linguistics	7
5	Ph.D.	Humanities and Social	Economics	Master Degree in Sociology or Economics	1+2

		Science	Sociology	Area of Specialization: Economics (01), Sociology of Education, Sociology of Development and Sociology of Marginalized groups(02)	
6	Ph.D.	English	English Studies	M.A./M.Phil in English Area of Specialization: Indian Writing in English, American Literature, Language Teaching, Post Colonialism, African Literature, Carribean Literature, Gender Studies, Queer Studies, Tribal Literature, Folk Literature, Eco-criticism	6
7	Ph.D.	Mathematics	Mathematics	Masters or M.Phil degree with Mathematics Areas of Specialization: Algebra, Number Theory, Differential Equations, Applied Mathematics, Discrete Mathematics, Numerical Analysis	6
8	Ph.D.	Chemistry	Chemistry	Masters degree or M.Phil in Chemistry Field of Research or Area of Specialization available are: Organic Material, Organic Synthesis, Material/Physical Chemistry, Analytical/Inorganic/Environmental Chemistry, Polymer Chemistry/Applied Chemistry	7
9	Ph.D.	Physics	Physics	Masters degree or M.Phil in Physics/Applied Physics Areas of Specialization: Photonic Crystals, Photonic Devices, Soliton Propagation, Slow Light, Condensed Matter Physics(Theory as well experimental approach), Semiconductor nano structures, Multi ferreies, solar cells, Experimental Nuclear Physics, Theoretical high energy physics	10

10	Ph.D.	Life Science	Life Science	M.Sc. Life Science / Bio. Science / Botany/ Zoology/ Biotechnology/ Biochemistry / Microbiology/Genetics Areas of Specialization available are: Plant Biology (02), Microbial Biotechnology/Microbial Biochemistry(02), Zoology with specialization in Cell Biology/ Molecular Biology/ Cancer Biology/Endocrinology/Biochemistry (03)	7
11	Ph.D.	Environmental Science	Environmental Sciences	M.Sc./ M.Tech. / M.Sc.(Tech.) / M.Sc. or M.Phil. in Environmental Sciences & Sustainable Development, Earth & Atmospheric Sciences, Life Sciences, Remote Sensing, Chemistry, or in a cognate / allied subject Areas of Specialization: Atmospheric Sciences/Meteorology and related branches, Plant Ecology, Conservation Biology, Plant-Soil interaction, Phytoremediation, Bioremediation, Agricultural Green House emission and mitigation, Environmental Soil Sciences	6
12	Ph.D.	Land Resource Management	Geoinformatics	Masters degree in remote sensing/geoinformatics/geomatics or masters degree in Forestry/Geography/Chemistry/Physics/Geology/Geophysics/Mathematics/Oceanography/Agriculture/Atmospheric Science/ Climatology/ Information Science/Computer Science/Disaster Management / Electronics/Town Planning/Botany/Zoology and allied disciplines with atleast P.G.diploma in RG & GIS Areas of Specialization available are : Microwave and hyperspectral remote sensing for mineral, flood and forest studies, Urban Studies, Land Degradation, Agriculture, Disaster Management, Remote sensing application in land use for planning, coastal management, mining	5

				impacts, Microwave remote sensing for flood and climate studies	
13	Ph.D.	Water Engineering	Water Engineering and 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	10
14	Ph.D.	Energy Engineering	Energy Engineering	M.E./M.Tech in Mechanical/Electrical/Chemical/Energy Engineering/ Material Science & Engineering Areas of Specialization: Solar Photoactive Materials, Solar Photovoltaics, Alternative Fuels, Smart Grid	5
15	Ph.D.	Nanotechnology	Nanotechnology	M.Tech in Material Science and Engineering/Nanotechnology/ Metallurgical Engineering/ Chemical Engineering/ Mechanical/Electrical/Electronics Engineering/ Bio-technology/ or Area of Specialization: Material Science, Energy Application of Nanomaterials, Magnetic Materials, Electrode Materials: fabrication and Electrochemical Properties	4
16	Ph.D.	Computer Science	Computer Science & Technology	M.Tech (IT/CS), MCA, M.Sc. (CS,IT) Areas of Specialization: Parallel Processing, Soft Computing, Image Processing, Network Security, Computer databases, Cloud computing	2
17	Ph.D.	Business Administration	MBA	Master degree in MBA/PGDM Specialization Available: Finance, HRM, Marketing, General Management, Entrepreneurship, Business Environment, Organizational Behavior, Information Systems	4+2

18	Ph.D.	Music & Performaing Arts	Music & Performaing 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	4 +2*
19	Ph.D.	international Relations	International Relations	Master Degree in relevant subjects from any recognised University	5+2*
20	Ph.D.	Far East Languages	Tibetan Language	Masters degree in tibetan studies, Buddhist Studies, Acharya, Himalaya Studies and Buddhist Philosophy Area of Sepcialization: Tibetan Language, Literature & Tibetan Buddhist studies	1
21	Ph.D.	Education	Education	Master's degree in Education with social science as specialization Area of Specialization: Teacher Education, Measurement & Evaluation	2
22	Ph.D.		HRCM	Master's degree in relevant subject Specialization: Public Policy/Governance	1