

**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 19<sup>th</sup> 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, Caribbean 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	<p>M.Sc. Life Science / Bio. Science / Botany/ Zoology/ Biotechnology/ Biochemistry / Microbiology/Genetics</p> <p>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)</p>	7
11	Ph.D.	Environmental Science	Environmental Sciences	<p>M.Sc./ M.Tech. / M.Sc.(Tech.) / M.Sc. or M.Phil. in Environmental Sciences &amp; Sustainable Development, Earth &amp; Atmospheric Sciences, Life Sciences, Remote Sensing, Chemistry, or in a cognate / allied subject</p> <p>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</p>	6
12	Ph.D.	Land Resource Management	Geoinformatics	<p>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 &amp; GIS</p> <p>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</p>	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

### Two- Year Masters Programmes

#### Minimum Eligibility Criteria

- A. Science, Technology & Management: Minimum 55% marks in qualifying degree for general category and 50% marks for SC/ST/OBC (Non Creamy Layer)/ PWD candidates
- B. Arts, Humanities and Social Sciences: Minimum 50 % marks in qualifying degree for general category and 45% marks for SC/ST/OBC (Non Creamy Layer)/PWD candidates
- C. Theatre and Music: Minimum 45% marks in qualifying degree for general category and 40% marks for SC/ST/OBC (Non Creamy Layer)/PWD candidates
- D. **GATE qualified students with valid GATE Score need not have to appear the CUCET-2018.**

Sl No	Degree	Centre/Department	Subject	Eligibility	Intake
1	M.A.	Contemporary and Tribal Customary Law	Customary Law and Tribal Governance	Bachelors degree in Arts/Humanities/Commerce	14
	LLM		LLM	Bachelors degree in Law with atleast 50% marks (or equivalent grades) for General/OBC candidates and 45% marks (or equivalent grade) for SC/ST candidates at the graduation level.	14
	M.A.		Human Rights	Bachelors degree in Arts/Humanities/Commerce	14

2	M.A.		Hindi	Bachelors degree Hindi Honours	35
3	M.A.	Mass Communication	Mass Communication	Bachelor's Degree in any Discipline	28
4	M.A.	English Studies	English Studies	B.A. English (Hons.) or English should have been studied as a major subject in all three years at B.A. level	35
5	M.A.	International Relations	International Relations	Bachelor's Degree (Hons/Major) in Social Science & Humanities	35
6	M.A.	Music & Performing Arts	a. Specialization in Vocal Music b. Specialization in Theatre Arts	a. Vocal Music: BPA/B.Mus./BA (Music)/B.A. (Any Discipline with Diploma/ Prabhakar/ Sangeet Visharad or equivalent b. Theatre Arts: Bachelor degree in any discipline Note: Selection will be done on the basis of audition along with the entrance examination	35
7	B.Ed. (2 Year)	Education	B.Ed.	Bachelor's Degree and/or in the Master's Degree in Sciences/Social Sciences/Humanity, Bachelor's in Engineering or Technology with specialization in Science and Mathematics or any other qualification equivalent thereto are eligible for admission to the Bachelor of Education programme.  Merit list will be prepared on the basis of marks obtained in the qualifying examination and/or in the entrance examination or any other selection process as	100



				per the policy of the government/U.T. Administration and the University. The distribution of Seats across different curricular areas shall be as under :- <input type="checkbox"/> Social Science-24 Seats <input type="checkbox"/> Language-20 Seats <input type="checkbox"/> Physical Science + Mathematics-36 Seats <input type="checkbox"/> Life Science-20 Seats	
8	M.Sc.	Mathematics	Mathematics	Bachelors degree with Mathematics/Statistics but should have studied mathematics in all the three years	28
9	M.Sc.	Chemistry	Chemistry	1. Bachelors degree with Chemistry as a Major/ Honours subjects 2. The student must have Physics, Chemistry and Mathematics at the +2 Level.	28
10	M.Sc.	Physics	Physics	1. Bachelors degree with Physics as a Major/ Honours subjects 2. The student must have Physics and Mathematics at the +2 Level.	28
11	M.Sc.	Life Science	Life Science	B.Sc. (Hons/Major) in Bio- Sciences /Botony /Zoology /Biology /Biotechnology /Biochemistry /Life Science /Microbiology /Genetics /Agriculture Science	28
12	M.Sc.	Environmental Science	Environmental Science	B.Sc. (Hons/Major)/B.Tech/B.E. in any discipline of Environmental Sciences and its allied subjects such as Agricultural / Forestry / Earth Sciences etc..	28
13	M.Sc.	Land Resource Management	Geoinformatics	B.Sc. (Hons/Major) in Environmental Science/ Forestry/Geography/Chemistry/Physics/Geology/Geophysics/Mathematics/Oceanography/Agriculture/Atmospheric Science/ Climatology/ Information Science/Computer Science/Disaster Management /	28

				Electronics/Town Planning/Botany/Zoology and allied disciplines.	
14	M.Tech.	Water Engineering and Management	Water Engineering and Management	B.E./B.Tech in Agricultural/Civil Engineering GATE qualified students are eligible for fellowship as per UGC norms.	28 (14 GATE Qualified +14 CUCET Qualified). Vacant seats may be interchanged.
15	M.Tech.	Energy Engineering	Energy Engineering	B.E./B.Tech in Mechanical/Electrical/Chemical/Energy Engineering/ Material Science & Engineering/ or M.Sc. in Physics/Chemistry. GATE qualified students are eligible for fellowship as per UGC norms.	28 (14 GATE Qualified +14 CUCET Qualified). Vacant seats may be interchanged.
16	M.Tech.	Nanotechnology	Nanotechnology	B.E./B.Tech in Material Science and Engineering/Nanotechnology/ Metallurgical Engineering/ Chemical Engineering/ Mechanical/Electrical/Electronics Engineering/ Bio-technology/ or M.Sc. in Physics/Chemistry/Biology or other relevant subjects GATE qualified students are eligible for fellowship as per UGC norms.	28 (14 GATE Qualified +14 CUCET Qualified). Vacant seats may be interchanged.
17	P.G.Diplo	Computer	Cyber	B.Sc. (Hons/Major)/Postgraduate degree in CS/IT,MCA/BCA,	28

	ma	Science & Technology	Security	B.E./B.Tech in CSE/IT	
18	MBA	Business Administration	MBA	Graduate in any discipline.  The selection will be done on the basis of the CUCET score (50%), Group Discussion (20%), Personal Interview (20%) and academic score (10%).	40
19	MA	Tribal Studies	Anthropology & Tribal Studies, Folklore	Bachelor's degree in any discipline  Areas: Anthropology, Tribal Studies, Folklore	35