नामांकन प्रकोष्ठ
ADMISSION CELL

झारखण्ड केन्द्रीय विश्वविद्यालय
CENTRAL UNIVERSITY OF JHARKHAND
(भारतीय संसद के अधिनियम 2009 द्वारा स्थापित)
(Established by an Act of Parliament of India in 2009)
Homepage: http://www.cuj.ac.in

Date: 28.10.2022

Admission process for Ph.D. Programmes-2022
Academic Year: 2022-23

1. Online applications are invited from **NATIONAL LEVEL TESTS** qualified candidates (as referred in Sl. 07, 08, and 09) for the admission to Doctor of Philosophy (Ph.D.) programmes in Central University of Jharkhand for the Academic Session 2022-23.

2. All prospective candidates interested to take admission, must participate in the online registration and counselling process through the link: **https://cujadm.samarth.edu.in/**

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Registration Start date: 15.11.2022 at 05.00 PM

Registration Closing date: 06.12.2022 at 05.00 PM

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3. **Admission Schedule**

Sl. No.	Major Activities	Important Dates
For the Programmes listed in Annexure-II		
(i).	Opening of Online Application Form	15th November 2022 (10:00 AM)
(ii).	Application Form Submission Last date	06th December 2022(11:55 PM)
(iii).	Eligible Candidates List for Interview	09th December 2022 (05.00 PM)
(iv).	Interview followed by Documents Verification	12th December 2022(10.00 AM to 05.00 PM)
(v).	Announcement of Merit List for Admission	19th December 2022 (05.00 PM)
(vi).	Submission of Admission Fee	20th – 23rd December 2022 (till 04.00 PM)
(vii).	Admission of Waitlisted Candidates against vacant seat, if any	26th December 2022 (05.00 PM)
For the Programmes listed in Annexure-III		
(viii).	Written test for the programmes at Sl. 7(a) [(i)-(vi)]	12th December 2022 (10.00 AM - 12.00 Noon)
(ix).	Eligible Candidates list for Interview	13th December 2022 (05.00 PM)
(x).	Interview followed by Documents Verification	13th December 2022 (10.00 AM to 05.00 PM)
(xi).	Announcement of Merit List for Admission	13th December 2022 2022 (05.00 PM)
(xii).	Submission of Admission Fee	20th – 23rd December 2022 (till 04.00 PM)
(xiii).	Admission of Waitlisted Candidates against vacant seats, if any	26th December 2022 (05.00 PM)
Note: Any amendment in schedule shall be notified separately.		

4. How to Apply?

(i). Application will be filled and submitted only in ONLINE mode, through the weblink: https://cujadm.samarth.edu.in

(ii). Candidates are required to upload recent passport size photograph, scanned signature and scanned copies of other supporting documents (refer **Annexure-I**).

(iii). After successful submission of online application, a print-out of the same along with supporting documents, should be retained by the candidate and same to be produced along with documents at the time of interview in front of the PhD. Admission Interview committee.

5. Application Fee:

Sl. No.	Particulars	Registration/Application Fee
1.	General/OBC/EWS	Rs. 800.00
2.	SC/ST/Transgender	Rs. 400.00
3.	PWD/Female	Rs. 200.00

Note: Application fee once paid shall not be refunded in any case. Candidates shall be required to make the payment of fee through online mode while filling up the application form.

6. **Eligibility Criteria**

The candidates are advised to see the programme-wise eligibility criteria details as given in **Annexure-II & III** before registration**.** However, merely meeting the minimum eligibility criteria requirement will not guarantee admission for the Ph.D. programmes as it is dependent of the performance in the interview, availability of vacant seats, and specialization.

7. **Mode of Admission**

a) National Level Entrance Examination shall be conducted by the University (Examination Centre: Central University of Jharkhand, Ranchi, Jharkhand) for the following disciplines **(Annexure- III)**:

    (i). Nanoscience and Technology
    (ii). Energy Engineering
    (iii). Water Engineering and Management
    (iv). Transport Science and Technology
    (v). Geoinformatics
    (vi). Tibetan Language and Culture

b) For ALL other disciplines **(Annexure- II)**, the admission will be taken directly without entrance exam based on the follwing critria followed by the interview:

Candidate who fulfils one of the following requirements, as applicable for relevant disciplines, may be considered for the admission to the Ph.D. Programme without appearing in the entrance test.	
(i).	A Candidate who is qualified in a national level test such as National Eligibility Test such as UGC/CSIR-NET-JRF (with fellowship), NET-LS (without fellowship), ICMR-JRF, DBT-BET, State Level Eligibility Test (SLET) accredited by UGC/ Central Government or State Government or conducted by the University.

(ii).	Candidate must have valid UGC/CSIR -NET, ICMR-JRF, DBT-BET, SLET certificate or must have some financial assistance such as UGC/CSIR/ICMR/DBT-JRF/AICTE/ financial assistance from Govt. programs {Like Rajiv Gandhi National Fellowship (RGNF), Maulana Azad National Fellowship (MANF) etc.
(iii).	A candidate who is a recipient of National Doctoral Fellowship or other fellowships from Government /semi-government organizations (through All- India selection procedure conducted by the agencies/organization for award of research fellowships) such as Council of Scientific and Industrial Research (CSIR), University Grants Commission (UGC), All India Council for Technical Education (AICTE), Department of Science and Technology (DST), Defence Research and Development Organization (DRDO), Department of Atomic Energy (DAE). Department of Biotechnology (DBT), Indian Council of Agricultural Research (ICAR), Indian Council of Medical Research, and similar National Level Organizations.
(iv).	A candidate who is selected under Quality Improvement Programme (QIP) of AICTE for Faculty Development Programme of a State Government/UGC.
(v).	A foreign national who is a recipient of a fellowship by Indian Council for Cultural Relations (ICCR), Government of India and who is sponsored by his/her government
(vi).	A candidate, working in an externally funded research project in the University as a research personnel, may be allowed to register for Ph. D. in the University. Provided further that in such cases, the consents of the PI and the supervisor (incase PI is not the supervisor) that the research work of the Project and that of thePh. D. will not hamper the interest of either.

8. **Department and Category Wise Vacant Seat - See Annexure-IV**

9. **Mode of Interview and Evaluation Weightage:**
   (i). Interview / viva-voce shall be conducted only of those candidates who have completed the online application process.
   (ii). Interviews will be held in offline mode in the respective Department. The same will be notified on the university website. NO request for change in date and time of interview shall be entertained.
   (iii). Candidature for Ph.D. admission will not be considered, if the candidate fails to appear in interview.
   (iv). Admission will be offered to candidates in order of merit after personal interview followed by verification of submitted documents, by the concerned Department.
   (v). Performance Evaluation Weightage:
   - For candidates taking admission through direct mode {refer Sl. No. 7 (b)}:
     a) Fixed weightage for NET (with JRF): 70 marks
     b) Fixed weightage for NET (without JRF): 50 marks
     c) Interview: 30 marks

- For candidates who have qualified examination conducted by CUJ for programme mentioned at Sl. No. 7(a):
  a) Marks obtained in Entrance test
  b) Interview: 30 marks

NOTE: Merit shall be prepared only on the basis of final marks obtained by the candidates.

10. **Documents Required at the time of Interview -** Candidates must ensure that they should have all original documents of their preceding and respective qualifying examinations at the time of interview **(Refer Annexure-I)**.

11. **Declaration of Result:** The list of provisionally selected candidates shall be displayed on the University's website.

12. **General Instructions:**

(i).   List of eligible candidates to take part in the admission process, will be displayed online on the university website (www.cuj.ac.in) along with the details of further admission processes.

(ii).   The candidate should ensure that s/he fulfills the eligibility criteria and other norms mentioned in this notification on the date of online registration. Ensuring eligibility before applying to a particular programme will be the sole responsibility of the candidate.

(iii). The registered email and mobile number will be used for communication. Candidates must ensure that mobile number and e-mail provided by him/her are valid and active. The mobile number and e-mail must be of the candidate or of immediate family member or guardian. All future communications with the candidate will take place only through the provided email/mobile number.

(iv).   In case of admission, candidate is advised to pay the fees from his/her own account or the account of immediate family member/guardian (and should not be from the account of others or unknown person) because the refund of fee arising out of cancellation or otherwise, if any, will be remitted in the same account. Also, it is advised to keep a copy of the fee receipt either in digital or print form for future references.

(v).   The selected candidates will be allowed to deposit the fees as per the intimated schedule. A link will be provided to selected candidates. In case of failure to deposit fees within the stipulated time frame, the candidate's admission will automatically stand cancelled and the waitlisted candidates will be given the opportunity of admission.

(vi).   With reference to UGC guidelines, in the event of a student withdrawing admission before starting of the programme, the waitlisted candidates shall be given admission against the vacant seat. The academic fees collected from the student shall be refunded to the student as per UGC/University refund policy.

(vii). If seats remain vacant or vacancy of seats occur after withdrawal/s of admission, the vacant seats shall be filled from the waiting list.

(viii). The University reserves the right not to offer the programme in any particular discipline, if response to the programme is not adequate. The decision of university will be final in this regard.

(ix).   The reservation of seats is as per UGC/Government of India guidelines as issued from time to time.

(x). Candidates offered admission in the University shall have to submit a medical fitness certificate from Govt. Hospital that s/he is medically fit to pursue education.

15. Query and Helpline:

(i). Information and updates regarding admission process will be made available on the University website (www.cuj.ac.in).

(ii). Candidates are advised to periodically check the website for latest updates.

(iii). Queries, if any, should be sent to admissionhelpdesk@cuj.ac.in.

(iv). For any clarification, candidates may contact the helpline numbers notified on the University website.

Admission Committee-2022

Annexure-I

List of Documents required for PhD programme during online application

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All the prospective candidates are advised to keep ready the **self-attested good quality scanned copy (JPG/pdf format, Size not exceeding 500kb for each document**) of the following documents (as applicable case to case basis) for uploading during online application process.

(i). Passport size Digital Photograph
(ii). Scanned Signature
(iii). Secondary School (Class 10th) Mark Sheet
(iv). Pass Certificate of Class 10th
(v). Senior Secondary School (Class 12th) Mark Sheet & Passing certificate equivalent
(vi). Valid Certificate for Date of Birth
(vii). Graduation Marks Sheet or equivalent
(viii). Graduation Degree certificate
(ix). Postgraduate Mark Sheet or equivalent
(x). Postgraduate Degree certificate
(xi). Valid UGC/CSIR–JRF/NET, ICMR-JRF, DBT-BET, GATE, SLET, etc certificate, as applicable
(xii). NOC from the employer, if applicable
(xiii). Conduct Certificate from Head of Institution last attended (Original+2 Xerox)
(xiv). School Leaving/College Leaving Certificate or Transfer Certificate (as applicable)
(xv). OBC-Non-Creamy Layer Certificate (OBC-NCL) valid for current financial year (**if applicable, must be issued from the competent authority in GOI format**)
(xvi). Self-Declaration Form for those applying under OBC-NCL category (if applicable)
(xvii). SC/ST Certificate for those applying under SC/ST **if applicable, must be issued from the competent authority in GOI format**)
(xviii). EWS Certificate valid for current financial year (**if applicable, must be issued from the competent authority in GOI format**)
(xix). PWD/PH Certificate for those applying under the differently-abled category (**if applicable, must be issued from the competent authority in GOI format**)
(xx). Certificate of being registered as Kashmiri Migrant & Kashmiri Pandits/Kashmiri Hindu Families (Non-migrants) for those applying under the Kashmiri Migrant quota (**if applicable, must be issued from the competent authority in GOI format**).
(xxi). Certificate(s) of representing International, National or State level in any sport/ game for those applying under **sports quota**.
(xxii). Relevant official documents issued by competent authority in support of claiming the **Defense quota**

Note: Candidates are advised to visit University website (www.cuj.ac.in) for further update, if any.

Documents required during PhD programme admission interview

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All the prospective candidates are advised to produce the following documents at the time of Interview for the PhD programme admission.

Sl. No.	Name of the Documents
1.	Passport size Photograph (5 No.)
2.	Application form (Samarth portal)
3.	Secondary School (Class 10th) Mark Sheet
4.	Pass Certificate of Class 10th
5.	Senior Secondary School (Class 12th) Mark sheet or equivalent
6.	Pass Certificate of Class 12th
7.	Valid Certificate for proof of Date of Birth
8.	Graduation Marks Sheet or equivalent, If applicable
9.	Graduation Degree certificate, If applicable
10.	Postgraduate Mark Sheet or equivalent
11.	Postgraduate Degree certificate
12.	Valid UGC-JRF/CSIR–JRF/UGC-NET/CSIR-NET/ICMR-JRF/DBT-BET/SLET/GATE/CAT/ other National level fellowship (if mentioned in notification) certificate/scorecard, as applicable
13.	NOC from the employer, if applicable
14.	Conduct Certificate from Head of Institution last attended
15.	Migration Certificate (Original+2 Xerox)
16.	School Leaving Certificate/Transfer Certificate/College Leaving Certificate, as applicable
17.	Caste Certificates (ST/SC/OBC-NCL), EWS Certificates **(as applicable, must be issued from the competent authority in GOI format)**
18.	Self-Declaration Form for those applying under the OBC-NCL category
19.	PWD/PH Certificate for those applying under the differently-abled category, **(if applicable, must be issued from the competent authority in GOI format)**
20.	Certificate of being registered as Kashmiri Migrant & Kashmiri Pandits/Kashmiri Hindu Families (Non-migrants) for those applying under the Kashmiri Migrant quota (**if applicable, must be issued from the competent authority in GOI format)** eligible for Supernumerary Quota, if applicable
21.	Certificate(s) related to Defence Category eligible for Supernumerary Quota, if applicable,
22.	Certificate(s) of representing International, National, or State level in any sport/ game for those applying under sports quota. if applicable
23.	Conversion Formula from CGPA to Percentage or Vice-versa, if Applicable
24.	Print copy of an online submitted anti-ragging undertaking to the UGC Portal: https://antiragging.in/ (**please write reference number on the SAMARTH application form while verification)**
25.	Vaccination certificate (COVID)

Note: Candidates are advised to visit University website (www.cuj.ac.in) for further update, if any.

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List of Ph.D. programs and eligibility criteria for Admission 2022			
Sl. No.	**Department Name**	**Programme Name**	**Eligibility Criteria**
1	Department of Computer Science and Technology	Ph.D. in Computer Science	Master's Degree with minimum 55% marks in Computer Science/Computer Science and Engineering/Computer Engineering/Computer Science and Technology/ Information Technology/Computer Applications. (Relaxation as per GoI norms) **Eligible CSIR/UGC NET Disciplines: Computer science and applications**
2	Department of Business Administration	Ph.D. in Management	Master's Degree in MBA / PGDBM from recognized (AICTE) govt. Institution Minimum 55% marks or equivalent grade in aggregate for General Category and 50% or equivalent grade in aggregate for SC/ST/OBC (non-creamy layer)/ PWD. **Eligible CSIR/UGC NET Disciplines: Management**
3	Department of Commerce and Financial Studies	Ph.D. in Commerce	Master's Degree in Commerce with a minimum 55% marks or equivalent grade in aggregate for General Category and 50% or equivalent grade in aggregate for SC/ST/OBC (non creamy layer)/ PWD. **Eligible CSIR/UGC NET Disciplines: Commerce**
4	Department of Education	Ph.D. in Education	Master's Degree in Education/M. Ed. with a minimum 55% marks or equivalent grade in aggregate for General Category and 50% or equivalent grade in aggregate for SC/ST/OBC (non-creamy layer)/ PWD. **Eligible CSIR/UGC NET Disciplines: Education**
5	Department of Chemistry	Ph.D. in Chemistry	Master's Degree in Chemistry with minimum 55% marks or equivalent grade in aggregate for General Category and 50% or equivalent grade in aggregate for SC/ST/OBC (Non-Creamy Layer)/PWD. **Eligible CSIR/UGC NET Disciplines: Chemical Sciences**
6	Department of Physics	Ph.D. in Physics	Master's or M. Phil. Degree in Physics/Applied Physics with a minimum 55% marks or equivalent grade in aggregate for General and EWS Category and 50% or equivalent grade in aggregate for SC/ST/OBC (non-creamy layer)/ PWD. **Eligible CSIR/UGC NET Disciplines: Physical Sciences**

7	Department of Environmental Sciences	Ph.D. in Environmental Sciences	55% (UR) and 50% (OBC-NCL, SC, ST) marks in M. Sc./ M.Sc. Tech./ M. Phil. in Environmental Sciences, Biological Sciences, Agriculture, Forestry, Physical Sciences, Chemical Sciences, and related subjects to Environmental Sciences. **Eligible CSIR/UGC NET Disciplines: Environmental Science (UGC NET) and Earth, Atmospheric, Ocean and Planetary Sciences (CSIR NET)**
8	Department of Life Sciences	Ph.D. in Life Science	Masters in Life Science/ Bio Science/Botany/Plant Sciences/ Animal Sciences/Zoology/Biotechnology/Biochemistry/ Microbiology/ Genetics and allied discipline **Eligible CSIR/UGC NET Disciplines: Life Science**
9	Department of Performing Arts	Ph.D. in Music	M.P.A./M.Mus./M.A. in Music or Post Graduate in allied subject with a minimum 55% marks or equivalent grade in aggregate for General Category and 50% or equivalent grade in aggregate for SC/ST/OBC (non-creamy layer)/ PWD. **Eligible CSIR/UGC NET Disciplines: Music**
10	Department of English Studies	Ph.D. in English	M.A. in English with a minimum 55% marks or equivalent grade in aggregate for General Category and 50% or equivalent grade in aggregate for SC/ST/OBC (non-creamy layer)/ PWD. **Eligible CSIR/UGC NET Disciplines: English**
11	Department of Anthropology & Tribal Studies	Ph.D. in Tribal Studies	Master degree in Anthropology, Sociology, Folklore, Tribal studies, LLM (Tribal & Customary Law), Human Rights, Social work, Tribal Law & Governance, English. Indigenous Culture Studies, Dalit Studies, Rural Development. History & Archeology, and Indian Culture with at least 55% Marks or equivalent grade in aggregate for General Candidates and 50% or equivalent grade for SC/ST/OBC (Non-Creamy Layer)/PWD. **Eligible CSIR/UGC NET Disciplines: Tribal Studies (Anthropology, Folklore, Linguistics, Archaeology)**

			Annexure - III
12	Department of Metallurgical & Materials Engineering	Ph.D. in Nanoscience and Technology	Master Degree (M.E./M. Tech./Integrated M. Tech.) in Material Science and Engineering, Nanoscience and Nanotechnology/ Nanotechnology/ Mechanical Engineering/ Chemical Engineering/Electrical Engineering/ Ceramic Engineering/ Metallurgical and Materials Engineering/Electronics Engineering/ Nanoscience and Technology/Biotechnology or other relevant branch of Engineering & Technology with a minimum 60% marks or equivalent grade in aggregate for General category and 55% or equivalent grade in aggregate for SC/ST/OBC (Non creamy layer/PwD OR Master degree (M.Sc.) in Nanoscience/Nanoscience and Technology/Chemistry/ Physics/ Material Sciences/ Life Sciences/ M. Pharm./ Applied Sciences/Biotechnology or allied subjects with a minimum 55% marks or equivalent grade in aggregate for general category and 50% marks or equivalent grade in aggregate in case of candidates belonging to reserved category, i.e, SC/ST/OBC/PWD. **Admission will be done on the basis of entrance test conducted by CUJ.**
13	Department of Energy Engineering	PhD. in Energy Engineering	M.E/ M.Tech in Energy Engineering, Mechanical, Electrical, Electronics, Chemical Engineering, Engineering Physics, Nanoscience and Nanotechnology Materials Science or equivalent with a minimum 55% marks or equivalent grade in aggregate for General Category and 50% or equivalent grade in aggregate for SC/ST/OBC (non-creamy layer)/ PWD. OR M.Sc. in Physics, Chemistry, Nanoscience and Nanotechnology, Materials Science or equivalent with a minimum 55% marks or equivalent grade in aggregate for General Category and 50% or equivalent grade in aggregate for SC/ST/OBC (non-creamy layer)/ PWD. **Admission will be done on the basis of entrance test conducted by CUJ.**
14	Department of Civil Engineering	PhD in 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 or Int. M.Tech in Water Engineering & Management with a minimum 55% marks or equivalent grade in aggregate for General Category and 50% or

			equivalent grade in aggregate for SC/ST/OBC (non-creamy layer)/ PWD . **Admission will be done on the basis of entrance test conducted by CUJ.**
15		PhD in Transport Science and Technology	(i) Master Degree (M.E/M. Tech.) in Geotechnical Engineering, Transportation Engineering/Transport Science and Technology, Civil Engineering, Environmental Engineering and Environmental Science and Engineering.
			(ii) (ii) Master degree (M.Sc.) in (Environmental science, Water resource management, Geoinformatics, Geology. (iii) Master degree (M.E./M. Tech.) with a minimum Cumulative Grade Point Average (CGPA) 5.50 on a 10 point scale, or 55% marks for General (UR) category. For OBC/SC/ST or PWD candidates the minimum CGPA requirements may be relaxed to 5.00 on a 10 point scale or to 50% marks. (iv) Master degree (M. Sc.) 5.50 on a 10 point scale, or 55% marks for General (UR) category. For OBC/SC/ST or PWD candidates the minimum CGPA requirements may be relaxed to 5.00 on a 10 point scale or to 50% marks.
			Admission will be done on the basis of entrance test conducted by CUJ.
16	Department of Geo Informatics	Ph.D. in Geoinformatics	**a.** M. Tech/ M.Sc degree in Geoinformatics/ Remote Sensing/ GIS/ Geomatics with a minimum 55% marks or equivalent grade in aggregate for General Category and 50% or equivalent grade in aggregate for SC/ST/OBC (non-creamy layer)/ PWD or equivalent grade, OR **b.** PG Diploma in RS & GIS with Master or equivalent 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 along with minimum 55% marks for General Category and 50% for SC/ST/OBC (non- creamy layer)/ PWD . **Admission will be done on the basis of entrance test conducted by CUJ.**
17	Department of Far East Languages	Ph.D. in Tibetan Language & Culture	Master's Degree in Tibetan Language & Literatures, Tibetan Studies, Linguistics, Buddhist Studies, Tibetan Buddhist Studies, Himalayan Studies with a minimum 55% marks or equivalent grade in aggregate for General Category and 50% or equivalent grade in aggregate for SC/ST/OBC (non-creamy layer)/ PWD.

			Admission will be done on the basis of entrance test conducted by CUJ.

Faculty Research Area Specialization

S. No.	Faculty Name	Faculty designation	Research Specialization
Department Name: Life Science			
1	Dr. Rajakishore Mishra	Assistant Professor	Molecular cell biology (Cancer Biology)
2	Dr. Anil Kumar	Assistant Professor	Agriculture Microbiology/ Soil Microbiology/ Microbiology
3	Dr. Hena Firdaus	Assistant Professor	Animal Molecular Biology (Cell Biology/ Genetics/ Biochemistry)
Department Name: Computer Science and Technology			
1	Prof. Subhash Chandra Yadav	Professor	Machine Learning, Data Science, Cyber Security, IoT
2	Dr. Kanojia Sindhuben Babulal	Assistant Professor	Machine Learning, Networking, Cross layer Designs
3	Dr. Pushpendra Kumar	Assistant Professor	Machine Learning, Deep Learning, Data Mining, Big Data Analytics
Department Name: English Studies			
1	Shreya Bhattacharjee	Associate Professor	African studies, Tribal studies, Indian writing in English, Partition literature
Department Name: Business Management			
1	Prof. (Dr.) Bhagwan Singh	Professor	Digital Media Marketing / IT Marketing / Retail Management / Internet Based Marketing / Services / Green Marketing / Strategies & Management / FINTECH / NET Banking / Drone Delivery Services / Social media Marketing/ Web Based Advertising
2	Dr. C. Nagapavan	Assistant Professor	Marketing Management/ Technology / social media / Services Industries
3	Dr. Mahendra Singh	Assistant Professor	Operations Management
4	Dr. Nitesh Bhatia	Assistant Professor	Human Resource Management/ Organizational Behavior/ General Management / Entrepreneurship
Department Name: Environmental Science			
1	Prof. Manoj Kumar	Professor	Atmospheric Sciences, Meteorology, Aerosol Radiative forcing, Hydrometeorology and micrometeorology
2	Dr. P. Saikia	Assistant Professor	Plant Ecology, Forestry, Conservation of rare / Endangered plant species, Forest productivity
3	Dr. Sushil Kumar Shukla	Assistant Professor	Industrial waste water treatment, Bioremediation, Bio fuel, ecological restoration, River conservation, carbon sequestration
Department Name: Performing Arts (Music)			
1	Dr. Deepika Srivastava	Assistant Professor	Indian Classical Music, different music styles, Folk Music, Different Gharana system of Indian Classical Music,

			Rabindra Sangeet, Different Interdisciplinary Approach, Musical Theatre.
2	Dr. Jaya Shahi	Assistant Professor	Hindustani Classical Music, Vocal Music, Khyaal singing style, folk music, voice culture, interdisciplinary approach in music
Department Name: Far East Languages			
1	Dr. Konchok Tashi	Assistant Professor	Tibetan Language, Literature, Tibetan Buddhist Studies and linguistics
2	Dr. Kalsang Wangmo	Assistant Professor	Tibetan Language, Literature, Tibetan Buddhist Studies and linguistics
Department Name: Geoinformatics			
1	Prof. A.C. Pandey	Professor	Glaciology, permafrost, landslide hazards
2	Dr. Kanhaiya Lal	Assistant Professor	Land Degradation, Climate Change and Vegetation
3	Dr. Kiran Jalem	Assistant Professor	Disaster Management, Climate Change, Water resources, Costal hazards, Civil Engineering, Geo Engineering, Natural Recourses Management, Carbon Sequestration
Department Name: Civil Engineering			
1	Dr. Ajai Singh	Professor	Hydraulic modeling, Hydrologic modeling, Irrigation Water Policy and Economics
2	Dr. P. K. Parhi	Assistant Professor	Flood Forecasting, Flood Modelling
3	Dr. Shikha Chourasiya	Assistant Professor	Computational Hydraulics
4	Dr. Suchit Kumar Patel	Assistant Professor	Soil Modification and Ground Improvement, Reinforced Soil and Earth Structures, Pavement Geotechnics, Modeling of Offshore and Onshore Foundations, Site Characterizations
Department Name: Physics			
1	Prof. Sarang Medhekar	Professor	Photonic Crystals, Photonics Devices, Soliton Propagation, Optical Fibers
2	Dr. Dharmendra Singh	Associate Professor and Head	Experimental Nuclear Physics
3	Dr. Avijit Ghosh	Assistant Professor	Experimental Condensed Matter Physics (Semiconductor Nanostructures, Multiferroics, Solid Oxide Fuel Cells, Photovoltaics, Nanogenerators)
5	Dr. Vineet Kumar Agotiya	Assistant Professor	Theoretical High Energy Physics
6	Dr. Bhupendra Singh	Assistant Professor	Atomic and Molecular Collision Physics: X-Ray Spectroscopy, Auger Spectroscopy, Molecular Fragmentation Dynamics, Time-of-Flight Mass Spectrometry, Velocity Map Imaging, Recoil Ion Momentum Spectrometry, Laser Induced Breakdown

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			Spectroscopy. Trapping of ions in electrostatic devices: Simion simulations
7	Dr. Jayanta Kumar Baral	Assistant Professor	Condensed Matter Physics (Experimental); Materials Science and Device Physics
Department Name: Department Metallurgical & Materials Engineering			
1	Dr. Gajendra Prasad Singh	Associate Professor	Energy production & storage materials, Photocatalytic & Dielectric behavior of materials
2	Dr. A. S. Bhattacharyya	Assistant Professor	Devices at nanoscale
3	Dr. Lawrence Kumar	Assistant Professor	Energy Materials, Magnetic materials, Electrical transport properties, Powder X-ray crystallography
4	Dr. Ram Kishore Singh	Assistant Professor	Biomaterials, nanobiotechnology, Drug delivery and tissue engineering, Hyperthermia
Department Name: Education			
1	Dr. Shashi Singh	Associate Professor	Educational Psychology, Teacher Education, Distance Education, Mathematics Education
2	Dr. Manvi Yadav	Assistant Professor	Gender Education, Inclusive Education, Science Education
3	Dr. Neera Gautam	Assistant Professor	Sociology of Education, Education of Marginalized Section of Society
4	Dr. Vijay Kumar Yadav	Assistant Professor	ICT, Language Education, Teacher Education, Inclusive Education
Department Name: Commerce and Financial Studies			
1	Dr. Bateshwar Singh	Associate Professor	Finance & Accounting
2	Dr. Kriti Bhaswar Singh	Associate Professor	Finance & Accounting
Department Name: Energy Engineering			
1	Prof. S. K. Samdarshi	Professor	Solar photo catalytic/ solar energy/ Energy Policy
2	Dr. D. B. Lata	Associate Professor	IC Engine /Electrical Vehicle
3	Dr. Sachin Kumar	Assistant Professor	Bio Energy /Alternative Fuel
4	Dr. Basudev Pradhan	Assistant Professor	Solar PV
5	Dr. B. M. Jha	Assistant Professor	smart grid/energy storage/Green Transportation
Department Name: Anthropology & Tribal studies			
1	Dr. Sucheta Sen Chaudhuri	Associate Professor	Tribal Studies, Gender and Anthropology
2	Dr Rabindranath Sarma	Associate Professor	English and Folklore with the reference to tribal studies
3	Dr. Rajanikant Pandey	Assistant Professor	Social and Cultural Anthropology
7	Dr. T. Neishoning Koireng	Assistant Professor	Folklore
Department Name: Chemistry			
1	Ratan Kumar Dey	Professor	Physical Chemistry/Material Chemistry
2	Arun Kumar Padhy	Professor	Organic Chemistry/Material Chemistry

3	Soumen Dey	Asst. Professor	Inorganic Chemistry/Material Chemistry
4	Rajbahadur Singh	Asst. Professor	Organic Chemistry
5	Partha Ghosh	Asst. Professor	Organic Chemistry
6	Sabyasachi Bhunia	Asst. Professor	Organic Chemistry
7	Arvind Lal	Asst. Professor	Physical Chemistry/Material Chemistry

Annexure - IV

झारखण्ड केन्द्रीय विश्वविद्यालय
Central University of Jharkhand

Reservation Roster for PhD Programs for Academic Session 2022-23

Sl. No.	Programme (Subject)	Intake	SC	ST	OBC	EWS	UR
1	Ph.D. in Computer Science	**6**	1	1	0	1	3
2	Ph.D. in Management	**5**	1	0	2	1	1
3	Ph.D. in Commerce	**2**	0	0	0	0	2
4	Ph.D. in Education	**5**	1	0	1	0	3
5	Ph.D. in Chemistry	**8**	2	0	2	1	3
6	Ph.D. in Physics	**13**	3	2	4	2	2
7	Ph.D. in Environmental Sciences	**3**	1	0	0	1	1
8	Ph.D. in Life Science	**3**	1	0	0	1	1
10	Ph.D. in Music	**2**	0	0	1	0	1
11	Ph.D. in English	**1**	0	0	1	0	0
13	Ph.D. in Tribal Studies	**5**	0	0	1	2	2
14	Ph.D. in Nanoscience and Technology	**6**	1	0	2	1	2
15	PhD. in Energy Engineering	**12**	2	1	4	1	4
16	PhD in Water Engineering and Management	**5**	1	0	2	1	1
17	PhD in Transport Science and Technology	**3**	0	1	1	0	1
18	Ph.D. in Geoinformatics	**9**	2	1	2	1	3
19	Ph.D. in Tibetan Language & Culture	**4**	1	0	1	0	2
	Total	92	17	6	24	13	32

Note: The university reserves the right to change/ update the vacancy. Any change/ update shall be notified on the website.