



झारखण्ड केन्द्रीय विश्वविद्यालय, राँची
Central University of Jharkhand, Ranchi
(भारतीय संसद के अधिनियम, 2009 द्वारा स्थापित)
(A Central University established by an Act of Parliament of India in 2009)

ADVERTISEMENT FOR TEACHING POSITIONS

Advt. No. CUJ/Advt./2021-22/03

Date: 9th February, 2022

Online applications are invited from eligible citizens of India and Overseas Citizens of India (OCIs) for the following Teaching positions to be filled by direct recruitment on regular basis:

TEACHING POSITIONS

Sl. No.	Department of	Professor	Associate Professor	Assistant Professor	PwBDs
1	Business Administration	-	02 (01-SC , 01- SEBC**)	-	-
2	Chemistry	-	01-SC	-	-
3	Computer Science and Technology	-	02 (01-SC, 01-EWS)	01-EWS	-
4	Education *	02 (01-UR, 01-SC)	01-ST	02 (01-SC, 01-EWS)	Asso. Prof. reserved for PwBD [a)B,LV, b) D, HH, SLD, MI]
5	Energy Engineering	-	01-SEBC	-	-
6	Environmental Sciences	-	02 (01-SC, 01-UR)	-	-
7	Life Sciences	01-SC	-	-	-
8	Mass Communication	01-EWS	01-UR	-	-
9	Mathematics	01-UR	02 (01-UR, 01-SEBC)	01-UR (against lien Vacancy#)	-
10	Nanoscience and Technology	01-SEBC	01-SEBC	-	-
11	Physics	-	01-ST	01-SC (against lien Vacancy#)	-
12	Transport Science and Technology	01-SEBC	02 (01-SC, 01-SEBC)	01-UR	Asst. Prof. reserved for PwBDs [a) D, HH c) ASD (M), SLD, MI d) MD involving (a) & (c) above]
13	Water Engineering and Management	-	01-EWS	-	-
Total		07	17	06	02

**against the post on which the incumbent will be superannuating on 31st March, 2022.

PAY STRUCTURE

Name of the Post	Academic Level
Professor	Level 14
Associate Professor	Level 13A
Assistant Professor	Level 10

*The distribution of post of Assistant Professor in Department Education is as follows:

Sl. No.	Subject	Category
i.	Physical Sciences	EWS
ii.	Mathematics	SC

ABBREVIATIONS USED: B=Blind, LV=Low Vision, D=Deaf, HH= Hard of Hearing, SLD= Specific Learning Disability, MI= Mental Illness, MD=Multiple Disabilities, ASD= Autism Spectrum Disorder (M= Mild, MoD= Moderate), ID= Intellectual Disability

The lien vacancy is initially for one year or till the period the lien holder reverts back, whichever is earlier. In case the lien holder opts to be confirmed/absorbed in the new organization, the incumbent recruited against the lien vacancy may be considered for regularization in the same post following due procedure.

Note: The advertisements of teaching positions (Advertisement No. CUJ/Advt./19/2019-20 dated 18th March, 2020) in which the posts remained unfilled stand withdrawn due to administrative reasons as notified vide Notification No. CUJ/R.C./16/2020/433 Dated 4th February, 2022 candidates who had filled the application shall have to apply afresh, however, he/she is not require to deposit the fee on production of proof of depositing fee against the above said advertisement.

ESSENTIAL QUALIFICATION:

1. PROFESSOR

SI. No	Name of the Department	Essential Qualification
1.	i. Life Sciences ii. Mass Communication iii. Mathematics	<p>Essential: Eligibility (A or B):</p> <p>A.</p> <p>i. An eminent scholar having a Ph.D. degree in the concerned/allied/relevant discipline, and published work of high quality, actively engaged in research with evidence of published work with, a minimum of 10 research publications in the peer-reviewed / UGC CARE list journals and a total research score of 120 as per the criteria given in Appendix II, Table 2.</p> <p>ii. A minimum of ten years of teaching experience in university/college as Assistant Professor/Associate Professor/Professor, and / or research experience at equivalent level at the University/National Level Institutions with evidence of having successfully guided doctoral candidate.</p> <p style="text-align: center;">OR</p> <p>B.</p> <p>An outstanding professional, having a Ph.D. degree in the relevant/allied/ disciplines, from any academic institutions (not included in A above) / industry, who has made significant contribution to the knowledge in the concerned/allied/relevant discipline, supported by documentary evidence provided he/she has ten years' experience.</p>
2.	Education	<p>Essential:</p> <p>i. Postgraduate degree in Sciences/ Mathematics/ Social Sciences/ Languages/ Commerce with minimum 55% marks.</p> <p>ii. Postgraduate degree in Education (M.Ed./M.A. Education) with 55% marks.</p> <p>iii. Ph.D. degree in Education or in the discipline relevant to the area of specialisation.</p> <p>iv. Published work of high quality, actively engaged in research with evidence of published work with, a minimum of 10 research publications in the peer-reviewed or UGC-CARE list journals and a total research score of 120 as per the criteria given in Appendix II, Table 2., as per UGC Regulation 2018.</p> <p>v. A minimum of ten years of teaching experience in university/college as Assistant Professor/Associate Professor/Professor, and / or research experience at equivalent level at the University/National Level</p>

		<p>Institutions with evidence of having successfully guided doctoral candidate.</p> <p>Desirable: Experience in Educational Administration and Educational Leadership.</p>
3.	<p>i. Nanoscience and Technology ii. Transport Science and Technology</p>	<p>Essential:</p> <p>a. Ph. D. degree in relevant field and First class or equivalent at either Bachelor's or Master's level in the relevant branch.</p> <p style="text-align: center;">AND</p> <p>b. Minimum of 10 years of experience in teaching / research / industry out of which at least 3 years shall be at a post equivalent to that of an Associate Professor.</p> <p style="text-align: center;">AND</p> <hr/> <p>c. At least 6 research publications at the level of Associate Professor in SCI journals / scopus indexed journals and at least 2 successful Ph.D. guided as Supervisor / Co-supervisor till the date of eligibility of promotion.</p> <p style="text-align: center;">OR</p> <p>At least 10 research publications at the level of Associate Professor in SCI journals / scopus indexed journals till the date of eligibility of promotion.</p> <hr/> <p style="text-align: center;">AND</p> <p>Total research score of 120, as per Appendix II, Table 2.</p>

2. ASSOCIATE PROFESSOR

Sl. No	Name of the Department	Qualification
1.	<p>i. Chemistry ii. Environmental Sciences iii. Mass Communication iv. Mathematics v. Physics</p>	<p>Essential:</p> <p>i. A good academic record, with a Ph.D. Degree in the concerned/allied/relevant disciplines.</p> <p>ii. A Master's Degree with at least 55% marks (or an equivalent grade in a point-scale, wherever the grading system is followed).</p> <p>iii. A minimum of eight years of experience of teaching and / or research in an academic/research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institution/industry with a minimum of seven publications in the peer-reviewed / UGC CARE list journals and a total research score of Seventy five (75) as per the criteria given in Appendix II, Table 2.</p>
2.	Business Administration	<p>Essential:</p> <p>a. Ph.D. degree in the relevant field and First class or equivalent at either Bachelor's or Master's level in the relevant branch</p> <p style="text-align: center;">AND</p> <p>b. At least total 6 research publications in SCI journals / UGC CARE list journals.</p> <p style="text-align: center;">AND</p> <p>c. Minimum of 8 years of experience in teaching / research / industry out of which at least 2 years shall be Post Ph.D. experience.</p> <p style="text-align: center;">AND</p> <p>Total research score of 75, as per Appendix II, Table 2.</p>

3.	Education	<p>Essential:</p> <ul style="list-style-type: none"> i. Postgraduate degree in Sciences/ Mathematics/ Social Sciences/ Languages/ Commerce with minimum 55% marks ii. Postgraduate degree in Education (M.Ed./M.A. Education) with 55% marks. iii. Ph.D. degree in Education or in the discipline relevant to the area of specialisation. iv. A minimum of eight years of experience of teaching and / or research in an academic/research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institution/industry with a minimum of seven publications in the peer-reviewed or UGC-CARE list journals and a total research score of Seventy five (75) as per the criteria given in Appendix II, Table 2., as per UGC Regulation 2018. <p>Desirable: Specialization in Teacher Education, Educational Research Methodology and Educational Technology</p>
4.	Computer Science and Technology	<p>Essential:</p> <ul style="list-style-type: none"> a. Ph.D. degree in the relevant field and First class M.Tech./M.E. in the relevant branch. <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> b. At least total 6 research publications in SCI journals / scopus indexed journals <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> c. Minimum of 8 years of experience in teaching / research / industry out of which at least 2 years shall be Post Ph.D. experience. <p style="text-align: center;">AND</p> <p>Total research score of 75, as per Appendix II, Table 2.</p>
5.	<ul style="list-style-type: none"> i. Transport Science and Technology ii. Energy Engineering iii. Nanoscience and Technology iv. Water Engineering and Management 	<p>Essential:</p> <ul style="list-style-type: none"> a. Ph.D. degree in the relevant field and First class or equivalent at either Bachelor's or Master's level in the relevant branch. <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> b. At least total 6 research publications in SCI journals / scopus indexed journals <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> c. Minimum of 8 years of experience in teaching / research / industry out of which at least 2 years shall be Post Ph.D. experience. <p style="text-align: center;">AND</p> <p>Total research score of 75, as per Appendix II, Table 2.</p>

3. ASSISTANT PROFESSOR

Sl. No	Name of the Department	Qualification
1.	<ul style="list-style-type: none"> i. Mathematics ii. Physics 	<p>Essential:</p> <p>Eligibility (A or B):</p> <p>A.</p> <ul style="list-style-type: none"> i. A Master's degree with 55% marks (or an equivalent grade in a point-scale wherever the grading system is followed) in a concerned/relevant/allied subject from an Indian University, or an equivalent degree from an accredited foreign university. ii. Besides fulfilling the above qualifications, the candidate must have cleared the National Eligibility Test (NET) conducted by the UGC or the CSIR, or a similar test accredited by the UGC, like SLET/SET or who are or have been awarded a Ph. D. Degree in accordance with the

		<p>University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time as the case may be exempted from NET/SLET/SET:</p> <p><i>Provided</i>, the candidates registered for the Ph.D. programme prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances/Bye-laws/Regulations of the Institution awarding the degree and such Ph.D. candidates shall be exempted from the requirement of NET/SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/Colleges/Institutions subject to the fulfillment of the following conditions :-</p> <ol style="list-style-type: none"> a) The Ph.D. degree of the candidate has been awarded in a regular mode; b) The Ph.D. thesis has been evaluated by at least two external examiners; c) An open Ph.D. viva voce of the candidate has been conducted; d) The Candidate has published two research papers from his/her Ph.D. work, out of which at least one is in a refereed journal; e) The candidate has presented at least two papers based on his/her Ph.D work in conferences/seminars sponsored/funded/supported by the UGC / ICSSR/ CSIR or any similar agency. The fulfillment of these conditions is to be certified by the Registrar or the Dean (Academic Affairs) of the University concerned. <p>Note: NET/SLET/SET shall also not be required for such Masters Programmes in disciplines for which NET/SLET/SET is not conducted by the UGC, CSIR or similar test accredited by the UGC, like SLET/SET.</p> <p style="text-align: center;">OR</p> <p>B. The Ph.D degree has been obtained from a foreign university/institution with a ranking among top 500 in the World University Ranking (at any time) by any one of the following:</p> <ol style="list-style-type: none"> i. Quacquarelli Symonds (QS) ii. the Times Higher Education (THE) or iii. the Academic Ranking of World Universities (ARWU) of the Shanghai Jiao Tong University (Shanghai).
2.	Education* (Pedagogy of Physical Science & Mathematics)	<p>Essential: Eligibility (A or B):</p> <p>A.</p> <ol style="list-style-type: none"> i. Postgraduate degree in Physical Sciences (Physics/Chemistry) /Mathematics with minimum 55% marks, and ii. P.G. degree in Education (M.Ed.) with minimum 55% marks. iii. Besides fulfilling the above qualifications, the candidate must have cleared the National Eligibility Test (NET) conducted by the UGC or the CSIR, or a similar test accredited by the UGC, like SLET/SET or who are or have been awarded a Ph. D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time as the case may be exempted from NET/SLET/SET : <p><i>Provided</i>, the candidates registered for the Ph.D. programme prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances/Bye-laws/Regulations of the Institution awarding the degree</p>

		<p>and such Ph.D. candidates shall be exempted from the requirement of NET/SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/Colleges/Institutions subject to the fulfillment of the following conditions :-</p> <p>a) The Ph.D. degree of the candidate has been awarded in a regular mode;</p> <p>b) The Ph.D. thesis has been evaluated by at least two external examiners;</p> <p>c) An open Ph.D. viva voce of the candidate has been conducted;</p> <p>d) The Candidate has published two research papers from his/her Ph.D. work, out of which at least one is in a refereed journal;</p> <p>e) The candidate has presented at least two papers based on his/her Ph.D work in conferences/seminars sponsored/funded/supported by the UGC / ICSSR/ CSIR or any similar agency.</p> <p>The fulfillment of these conditions is to be certified by the Registrar or the Dean (Academic Affairs) of the University concerned.</p> <p>Note: NET/SLET/SET shall also not be required for such Masters Programmes in disciplines for which NET/SLET/SET is not conducted by the UGC, CSIR or similar test accredited by the UGC, like SLET/SET.</p> <p style="text-align: center;">OR</p> <p>B. The Ph.D degree has been obtained from a foreign university/institution with a ranking among top 500 in the World University Ranking (at any time) by any one of the following: (i) Quacquarelli Symonds (QS) (ii) the Times Higher Education (THE) or (iii) the Academic Ranking of World Universities (ARWU) of the Shanghai Jiao Tong University (Shanghai).</p> <p>Desirable: Ph.D. Degree in Education with subject specialization.</p>
3.	Computer Sciences and Technology	<p>Essential: B. E. /B. Tech. / M.Tech./M. E. or Integrated M. Tech. in relevant branch with first class or equivalent in any one of the degrees.</p>
4.	Transport Science and Technology	<p>Essential: B.E./B.Tech./B.S. and M.E./M.Tech./M.S. or Integrated M. Tech. in relevant branch with first class or equivalent in any one of the degrees.</p>

Concerned/Relevant/Allied Discipline

1. Department of Business Administration: Associate Professor

Master's Degree:

Concerned	Relevant	Allied
Business Administration	--	--

Ph.D. Degree:

Concerned	Relevant	Allied
Management	-	--

Desirable Applied/ Requirement:	--
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Specialization:	Accounting & Financial Management, Operations Management, Technology Management, Business Analytics, QT & Statistics, Entrepreneurship & Skill Development, Digital Marketing and others etc.
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2. Department of Chemistry: Associate Professor

Master's Degree:

Concerned	Relevant	Allied
Chemistry	Physical Chemistry/ Applied Chemistry	Chemical Sciences

Ph.D. Degree:

Concerned	Relevant	Allied
Chemistry	Chemistry/ Applied Chemistry	Chemical Sciences
Desirable Applied/ Requirement:		Inorganic Chemistry

3. Department of Computer Science and Technology: Associate Professor and Assistant Professor**Master's Degree:**

Concerned	Relevant	Allied
Computer Science and Technology	Computer Science, Computer Science and Engineering, Computer Science and Technology, Computer Applications, Information Technology	-

Ph.D. Degree:

Concerned	Relevant	Allied
Computer Science	Computer Science, Computer Science and Engineering, Computer Science and Technology, Computer Applications, Information Technology	I.T.
Desirable Applied/ Requirement:		Artificial Intelligence, Machine Learning, Data Science, Cyber Security, Block Chain, IOT.

4. Department of Education: Professor**Master's Degree:**

Concerned	Relevant	Allied
M.Ed. or M.A. Education and B.Ed.	Post Graduate in concerned subject such as Physics, Chemistry, Mathematics, English, History, Geography, Economics, Psychology, Sociology or any other pedagogy subject.	Nil

Ph.D. Degree:

Concerned	Relevant	Allied
Education	Education	Nil
Desirable Applied/ Requirement:		-

Department of Education: Associate Professor**Master's Degree:**

Concerned	Relevant	Allied
M.Ed. or M.A. Education and B.Ed.	Post Graduate in concerned subject such as Physics, Chemistry, Mathematics, English, History, Geography, Economics, Psychology, Sociology or any other pedagogy subject.	Nil

Ph.D. Degree:

Concerned	Relevant	Allied
Education	Education	Nil
Desirable Applied/ Requirement:		-

Department of Education: Assistant Professor (Pedagogy of Physical Sciences and Mathematics)**Master's Degree:**

Concerned	Relevant	Allied
M.Ed.	Post Graduate in concerned subject such as Physics/Chemistry, Mathematics	Nil

Ph.D. Degree:

Concerned	Relevant	Allied
Education	Education	Nil
Desirable Applied/ Requirement:		-

5. Department of Energy Engineering: Associate Professor**Bachelors' Degree:**

Concerned	Relevant	Allied	Desirable Applied/ Requirement
Mechanical Engineering	M.E. in Thermodynamics, Fluid dynamics, Mechanical design,	Thermodynamics design, Fluid dynamics, Material	-

	Energy Engineering	Science	
Master's Degree:			
Concerned	Relevant	Allied	Desirable Applied/ Requirement
Mechanical Engineering	Mechanical Engineering, Mechanical Design, Energy Engineering, CAD, CAM	Material Science, Fluid Mechanics, Theory of Machine	Mechanical design, Material Science, Fluid Mechanics, Theory of Machine -
Electrical Engineering	Power Systems, Power Electronics	Electrical and Electronics Engineering	-
Ph.D. Degree:			
Concerned	Relevant	Allied	Desirable Applied/ Requirement
Mechanical Engineering	Mechanical Design. CAD, CAM	Material Science, Fluid Mechanics, Theory of Machine, Strength of Materials	Mechanical design, Material Science, Fluid Mechanics
Electrical Engineering	Power Systems, Smart Grid, Grid Integration of Renewable energy.	-	Power Systems, Smart Grid, Grid Integration of Renewable energy.

6. Department of Environmental Sciences: Associate Professor

Master's Degree:

Concerned	Relevant	Allied
Environmental Science	Environmental Studies, Environmental Management, Environmental Engineering, Earth & Atmospheric Science, Meteorology, Forestry	Life Sciences, Plant Sciences, Sustainable development,

Ph.D. Degree:

Concerned	Relevant	Allied
Environmental Science	Environmental Studies, Environmental Management, Environmental Engineering, Earth & Atmospheric Science, Meteorology, Forestry	Plant Ecology, Bioenergy, Remediation of Environmental Pollutants, Atmospheric Science & Meteorology, Micro/Agrometeorology
Desirable Applied/ Requirement:	Plant Ecology, Bioenergy, Remediation of Environmental Pollutants, Atmospheric Science & Meteorology, Micro/Agrometeorology, Water & Waste Water Resource Management, Sustainable Development.	

7. Department of Life Sciences: Professor

Master's Degree:

Concerned	Relevant	Allied
Life Science/Animal Science/Zoology/Plant Science/Botany/Microbiology	Biochemistry, Biotechnology Applied Botany, Applied Microbiology Biological Sciences molecular Biology, Genetics Molecular Medicine	Health Sciences

Ph.D. Degree:

Concerned	Relevant	Allied
Life Science/Animal Science/Zoology/Plant Science/Botany /Biological Sciences/ Microbiology/Applied Microbiology/ Biotechnology/ Cyto genetics	(Preference will be given to the candidates who have specialization in Plant physiology/Physiology/ Metabolomics/ Systems Biology/Computational Biology/Bioinformatics) Molecular Biology/ Biochemistry/ Metabolic engineering/ Genetics, Molecular Medicine	Health Sciences/ Chemical biology
Desirable Applied/ Requirement:	-	

8. Department of Mass Communication: Professor and Associate Professor

Master's Degree:

Concerned	Relevant	Allied
Mass Communication	Communication/ Visual Communication/ Journalism/ Electronic Media/Media/ Film/ Advertising/Public Relations/New Media/ Digital Media	Development Communication/Graphics and Animation

Ph.D. Degree:

Concerned	Relevant	Allied
Mass Communication	Communication/ Visual Communication/ Journalism/ Electronic Media/Media/ Film/ Advertising/Public Relations/New Media/ Digital Media	Development Communication/ Graphics and Animation
Desirable Applied/ Requirement:	Electronic Media/Graphics and Animation/Digital Media/New Media	

9. Department of Mathematics: Professor**Master's Degree:**

Concerned	Relevant	Allied
Mathematics	Mathematics, Applied Mathematics, Industrial Mathematics, Computational Mathematics	Operation Research, Statistics

Ph.D. Degree:

Concerned	Relevant	Allied
Mathematics	Mathematics, Applied Mathematics, Industrial Mathematics, Computational Mathematics	Operation Research, Statistics

Department of Mathematics: Associate Professor**Master's Degree:**

Concerned	Relevant	Allied
Mathematics	Mathematics, Applied Mathematics, Industrial Mathematics, Computational Mathematics	Operation Research, Statistics

Ph.D. Degree:

Concerned	Relevant	Allied
Mathematics	Mathematics, Applied Mathematics, Industrial Mathematics, Computational Mathematics	Operation Research, Statistics
Desirable Applied/ Requirement:	Preference shall be given to those having Ph.D. in 1. Numerical Analysis 2. Number Theory and Discrete Mathematics, 3. Mathematical Modelling in Astrophysics	

Department of Mathematics: Assistant Professor**Master's Degree:**

Concerned	Relevant	Allied
Mathematics	Mathematics, Applied Mathematics, Industrial Mathematics, Computational Mathematics or equivalent M.Sc. Mathematics	Operation Research, Statistics

Ph.D. Degree:

Concerned	Relevant	Allied
Mathematics	Mathematics, Applied Mathematics, Industrial Mathematics, Computational Mathematics	Operation Research, Statistics
Desirable Applied/ Requirement:	1. Numerical Analysis, 2. Number Theory and Discrete Mathematics, 3. Mathematical Modelling in Astrophysics	

10. Department of Nanoscience and Technology: Professor and Associate Professor**Bachelors' Degree:**

Concerned	Relevant	Allied
Nanoscience and Technology	Metallurgy, Metallurgical Engineering, Metallurgical and Materials Engineering, Metallurgical Engineering and Materials Science	-

Master's Degree:

Concerned	Relevant	Allied
Nanoscience and Technology	Metallurgy, Metallurgical Engineering, Metallurgical and Materials Engineering, Metallurgical Engineering and Materials Science, Materials Engineering, Metallurgy and Material Technology, Material Science	Process Metallurgy, Minerals Processing, Physical Metallurgy, Mechanical Metallurgy, Corrosion Engineering, Computational Materials Engineering, Thermodynamics of Materials, Surface Engineering

	and Technology	
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Ph.D. Degree:

Concerned	Relevant	Specialization
Nanoscience and Technology	Metallurgy, Metallurgical Engineering, Metallurgical and Materials Engineering, Metallurgical Engineering and Materials Science, Materials Engineering, Metallurgy and Material Technology, Material Science and Technology	Computational Materials Engineering, Thermodynamics of Materials; Extraction of Metals, Alloys, Iron & Steel Making technologies Mechanical Metallurgy, Advanced Mechanical Processing Technologies, Foundry & Near-Net Shape Processing technologies, Joining of Metals & Alloys, Surface Engineering, Corrosion Engineering; Physical Metallurgy, Structural Metallurgy, Complex Metallic Alloys, Advanced Materials, Energy Materials, Nanomaterials, Composite Materials, Design of Advanced Steels, Non-equilibrium Processing of Materials. Design and Development of Novel Materials. Solid state devices, Shape Memory alloys, Opto-electronic materials & Devices, Thermo-mechanical behaviors of materials

11. Department of Physics: Associate Professor and Assistant Professor

Master's Degree:

Concerned	Relevant	Allied
Physics	Space and Plasma Physics, Applied optics, Experimental condensed matter physics, theoretical High energy Physics, Experimental nuclear Physics, Atomic and molecular physics	Space and Plasma Physics, Applied optics, Experimental condensed matter physics, theoretical High energy Physics, Experimental nuclear Physics, Atomic and molecular physics

Ph.D. Degree:

Concerned	Relevant	Allied
Physics	Space and Plasma Physics	Space and Plasma Physics, Applied optics, Experimental condensed matter physics, theoretical High energy Physics, Experimental nuclear Physics, Atomic and molecular physics
Desirable Applied/ Requirement:	Space and Plasma Physics, Applied optics, Experimental condensed matter physics, theoretical High energy Physics, Experimental nuclear Physics, Atomic and molecular physics	

12. Department of Transport Science and Technology: Professor

Master's Degree:

Concerned	Relevant	Allied
Civil Engineering/ Civil and Environmental Engineering	Civil Engineering/Transportation Engineering/Transport Science and Technology/Transportation Engineering and Management OR Integrated M.Tech in Transport Science and Technology	Civil Engineering

Ph.D. Degree:

Concerned	Relevant	Allied
Experience in developing intelligent transport system related computer programs integrating cutting technologies such as Artificial Intelligence (AI), Machine Learning (ML), Internet of Things (IoT) and urban transport model is highly preferable	Transport Science and Technology	Civil Engineering/ Civil and Environmental Engineering
Desirable Applied/ Requirement:	Civil Engineering/Transportation Engineering/Transport Science and Technology/Transportation Engineering and Management OR Integrated M.Tech in Transport Science and Technology	

Department of Transport Science and Technology: Associate Professor

Master's Degree:

Concerned	Relevant	Allied
Civil Engineering/ Civil and Environmental Engineering	Transportation Engineering/Transport Science and Technology/Transportation engineering and Management) OR Integrated M. Tech in Transport Science	Civil Engineering/ Transport Science and Technology / Environmental Science and Engineering). OR

	and Technology)	M.Sc Environmental Science with PhD in Environmental Science and Engineering/Technology
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Ph.D. Degree:

Concerned	Relevant	Allied
Experience in green belt development, developing intelligent transport system related computer programs integrating cutting technologies such as Artificial Intelligence (AI), Machine Learning (ML), Internet of Things (IoT) is highly preferable	Engineering and Technology	Transport Science and Technology

Desirable Applied/ Requirement:	Civil Engineering/ Civil and Environmental Engineering
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Department of Transport Science and Technology: Assistant Professor

Master's Degree:

Concerned	Relevant	Allied
Civil Engineering/ Civil and Environmental Engineering	Transportation Engineering/Transport Science and Technology/Transportation engineering and Management) OR Integrated M.Tech in Transport Science and Technology)	Civil Engineering/Transport Science and Technology/Transportation Engineering/Environmental Science and Engineering

Ph.D. Degree:

Concerned	Relevant	Allied
Experience in developing intelligent transport system is highly preferable	Transport Science and Technology	Civil Engineering/ Civil and Environmental Engineering
Desirable Applied/ Requirement:	Transportation Engineering/Transport Science and Technology/Transportation engineering and Management) OR Integrated M.Tech in Transport Science and Technology)	

13. Department of Water Engineering and Management: Associate Professor

Master's Degree:

Concerned	Relevant	Allied
Essential qualification is B.E./B. Tech. in Civil Engineering	Desirable qualification is M.E./M. Tech. in Structural Engineering	-

Ph.D. Degree:

Concerned	Relevant	Allied
Structural Engineering	Ph. D. degree in any discipline/specialization related to structural engineering	-

Desirable Applied/ Requirement:	Ph. D. degree in any discipline/specialization related to structural engineering
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RELAXATION CLAUSE:

1. A relaxation of 5% shall be allowed at the Bachelor's as well as at the Master's level for the candidates belonging to Scheduled Caste/Scheduled Tribe/Other Backward Classes (OBC/SEBC)(Non-creamy Layer)/Differently bled ((a) Blindness and low vision; (b) Deaf and Hard of Hearing; (c) Locomotor disability including cerebral palsy, leprosy cured, dwarfism, acid-attack victims and muscular dystrophy; (d) Autism, intellectual disability, specific learning disability and mental illness; (e) Multiple disabilities from amongst persons under (a) to (d) including deaf-blindness) for the purpose of eligibility and assessing good academic record for direct recruitment. The eligibility marks of 55% marks (or an equivalent grade in a point scale wherever the grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible, based only on the qualifying marks without including any grace mark procedure..
2. A relaxation of 5% shall be provided, (from 55% to 50% of the marks) to the Ph.D. Degree holders who have obtained their Master's Degree prior to 19 September, 1991.
3. A relevant grade which is regarded as equivalent of 55%, wherever the grading system is followed by a recognized university, at the Master's level shall also be considered valid.

REGISTRAR

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