TEZPUR UNIVERSITY
(A Central University established by an Act of Parliament)
TEZPUR – 784 028

No. F.11-3/4/2003 (Acad)   Dated 7.1.2021

ADMISSION NOTICE
Ph.D. (Spring Semester) Programme- 2021

Online applications are invited from eligible candidates having valid UGC-NET/JRF, UGC- CSIR NET/JRF, DBT-JRF, ICAR-NET, ICMR-JRF and GATE for admission into the Ph.D. programme (Spring Semester – 2021) in the following departments:

Business Administration, Civil Engineering, Computer Science & Engineering, Cultural Studies, Electrical Engineering, Electronics & Communication Engineering, Energy, Environmental Science, Mechanical Engineering, Molecular Biology & Biotechnology, Physics, Social Work and Sociology.

Please click for "**Pre-Requisites and area of research**" and **"Fee Structure".**

Selection will be made on the basis of performance in the Personal Interview which will be conducted through virtual mode by the concerned Department. Reservation of seats and relaxation of marks will be as per Govt. of India rules.

How to apply: Candidates are required to apply online through the link www.tezuadmissions.com by paying application fee of Rs.800/- only (Rs.400/- for SC, ST and PWD category). Payment of application fee is to be made online through Debit card / Credit card or NET-banking. Candidates should read and follow the instructions available on the admission portal carefully while filing up the online application form.

Important tentative dates:
- Date of display of online application form on the website: 8th January, 2021
- Last date of submission of online applications: 28th January, 2021
- Date of publication of list of applicants eligible for personal interview: 4th February, 2021
- Date of personal interview in the concerned department: 10th -11th February, 2021
- Date of publication of list of selected candidates: 22nd February, 2021
- Date of payment of fees and provisional admission: 23rd – 25th February, 2021

Dr. L. Boral
Controller of Examinations
Tezpur University

FEE STRUCTURE FOR Ph.D. STUDENTS TO BE ADMITTED IN SPRING SEMESTER, 2021

Particular of Fee	Full Time (Hosteller)	Full Time (Non-hosteller)	Part Time	TU Employee
A.Once at the time of admission				
Admission	500	500	500	500
Registration	150	150	150	150
Identity card	50	50	50	50
Convocation	1000	1000	1000	1000
Provisional certificate	100	100	100	100
Alumni Association	500	500	500	500
B.Per semester				
* Hostel admission/re-admission	3000			
Tuition	1500	1500	2000	2000
Library	400	400	400	
Students' activity	500	500	500	500
Medical	300	300	300	
Transport	1000	1000	1000	
Laboratory (including computer usage)	1050	1050	1050	1050
Research Fee	3000	3000	4000	4000
Infrastructure and amenity	1100	1100	1100	1100
Fan, Electricity and Water charge	400	400	400	400
Students' Welfare Fund	150	150	150	150
Departmental Development Fund	2500	2500	2500	2500
**Consumable Charge	2000	2000	2000	2000
Menial Charge	1500			
*** Health Insurance	143	143		
C.Refundable Caution Deposit (Once at the time of admission)				
Caution deposit (Library and Laboratory)	2000	2000	2000	2000
Hostel Caution deposit	3000			
Total fee to be paid by the students of the Dept. of Chemical Sc./MBBT//FET/ Environmental Sc. at the time of admission	25843	18343	19700	18000
Total fee to be paid by the students of other departments at the time of admission.	23843	16343	17700	16000

*   *SC/ ST candidates are exempted from the paying the hostel seat rent of Rs. 675/-.*
**   *Consumable Charge is to be paid by the Ph.D. students admitted in the Dept. of Chemical Science/MBBT//FET/ Environmental Science.*
*** *Students above 30 years of age are not covered in this scheme.*

Controller of Examinations

Pre-Requisite, area of research for admission in to various disciplines of Ph. D. programmes (Spring Semester 2021)

A. UGC eligibility criteria in the Prospectus may be referred to.

B. **Pre-requisites and area of research**:

Sl. No	Department	Pre-requisite	Area of Research
1	Business Administration	M.B.A. , M.Com. , M.A. / M.Sc. in Economics, M.A. in Psychology/ Sociology/Social Work/ Cultural Studies, MCA , M.T.M. / M.T.A. FCA/ FCS/ FICWA.	Financial Management ,General Management/Accounting , Taxation/Tourism Marketing, Consumer Behavior, Advertising/Change Management and Human Resource Management, Organization Behavior/Business Optimization, Operations, Quality, Operation in Tourism / Rural Development, Entrepreneurship Development/ Intellectual Property Right, Supply Chain Management, Community Based Tourism.
2	Civil Engineering	(a) M.E./M.Tech. /M.Sc.(Engg.) in Civil Engg. or allied areas or (b) M.Sc. in relevant discipline with minimum 70% marks in aggregate or equivalent CGPA or (c) B.E. / B.Tech with 75% marks in aggregate or equivalent CGPA with a valid GATE Score. Minimum two recommendation Letters from the Institute/University from where B.E./B.Tech degree was obtained.	Geotechnical Engineering/Environmental Engineering
3	Computer Science & Engineering	M.Tech. in Computer Science/ I.T./ Electronics MCA M.Sc. in Computer Science/ I.T. B.E. / B.Tech with 75% marks in aggregate or equivalent CGPA with a valid GATE Score. Minimum two recommendation Letters from the Institute/ University from where B.E./B.Tech degree was obtained.	Software Define Network, Bioinformatics & Network Security, Natural Language Processing Speech Processing, Wireless Networks, Cognitive Radio Networks, Data Mining, Image Processing, Pattern Recognition, Machine Learning, Data Science, Algorithms, Remote Sensing Image, Analysis, Bioinformatics, Computational Biology, Resource Allocation in CRN, 5G, Internet of Things, Blockchain, Network Security, Software- Define Networking, Trust& Reputation, Speech Processing, Artificial Intelligence.

4	Cultural Studies	M.A. in any of the disciplines in Humanities or Social Sciences with a uniformly good academic career. Candidates with UGC JRF, UGC NET or NE SET will be given preference.	Popular Culture, Media & Culture.
5	Electrical Engineering	(a) ME/MTech/MS/ in Electrical/ Electronics/Communication/ Power System/Power Electronics/ Instrumentation/Control/ Computer Science & Engineering/ MBBS with MD/MS and any other relevant discipline. (b) BE/BTech with 75% marks in aggregate or equivalent CGPA with a valid GATE Score. Minimum two recommendation Letters from the Institute/ University from where B.E./B.Tech degree was obtained.	Control system, chaos, waste water management, biomédical applications.
6	Electronics & communication Technology	M.E. / M.Tech. / M.Sc. Engg. / M.S. in Electronics/ Communication/ Electronics Design/ Electrical/ Instrumentation/ Control/ Microwave/ Biomedical/ Bioelectronics/ Bio -Technology/ Computer Science/ Information Technology. M.Sc. in Electronics/ Physics/ Applied Mathematics. MCA with Physics, Chemistry and Mathematics in Bachelor degree, MBBS with MD/ MS degree. B.E. / B.Tech with 75% marks in aggregate or equivalent CGPA with a valid GATE Score. Minimum two recommendation Letters from the Institute/ University from where B.E./ B.Tech degree was obtained.	Image Processing, Computer vision & Deep learning for signal/Image Analysis, Robotics.
7	Energy	M.Sc. / M.E. / M.Tech. degree in Energy Technology/ Energy Management/Energy related Engineering and Technology/ Physics/ Chemistry/Agriculture Allied subjects.	Renewable Energy, Bioenergy and Biofuels, Energy -Environment interaction, Biomass Gasification, Building Energy and Thermal Comfort, Photovoltaic Systems, Hybrid Energy Systems, Fuel Cell, Hydrogen Energy, Graphene, Energy Storage, Electrochemical Systems, Energy Conservation and Management, Instrumentation & Control, Grid Integrated System, Solar Photovoltaics system, RAC, Heat Transfer, Nano fluids,

			Hydrogen Energy.
8	Environmental Science	Masters in any Science/ Applied Science / Engineering discipline with at least 55% marks or equivalent CGPA. At Bachelor's level the candidate must have attended Science / Technology programme.	Botanicals as pesticides, Insect plant interactions-ecology, Fluvial Geomorphology, riverine hazards, application of RS & GIS in atmospheric, hydro-geomorphic studies, Air pollution Meteorology, climate impact modelling, noise pollution and deep learning, Ecology, Eco hydrology, Nanotechnology in Environmental Research, Indoor air pollution, human environment interactions, Plant stress physiology C-sequestration and CHG emission from agricultural and forest, Ecosystem. Water and sediment geochemistry environmental pollution.
9	Mechanical Engineering	M.E. / M.Tech. / M.Sc. (Engg.) in Mechanical Engg. or allied areas. B.E. / B.Tech with 75% marks in aggregate or equivalent CGPA with a valid GATE Score. Minimum two recommendation Letters from the Institute/University from where B.E./B.Tech degree was obtained.	Design/Optimization, CAD-CAM, Soft computing, System Design, Mechatronics ,3D printing Technology, Materials Engineering and Manufacturing, Micro alloying, Thermo-Mechanical Processing, Microstructural Characterization, Mechanical Metallurgy, Failure Analysis, Tribology, Creep and High Temperature Deformation Behavior, Computational Material Science
10	Molecular Biology and Biotechnology	Masters in any branches of Life Sciences/ Physical Sciences/ Chemical Sciences/ Mathematical Sciences/ Agricultural Sciences / Veterinary or Sciences / Engineering Sciences /Medical Sciences or in any allied field. B. Tech./ B. E. degree with 80% marks in CGPA (with GATE score > 90.00 percentile) in Chemical Engineering/ Chemical Sciences/ Bioinformatics or any allied field. MBBS or BVSc. degree with at least 60% marks or equivalent CGPA. Apart from the	Molecular Plant microbe interactions, Biochemistry in relation to meditation, asana and food, Microbial Biofilm Cancer Biology Biological waste management, Systems biology and Bioinformatics Inflammation Bioinformatics and Computational Biology Molecular Virology DNA structure & promoter engineering

		above, candidates having consistently good academic record will be preferred.	
11	Physics	M.Sc. in Physics/ Electronics/ Geophysics/ Material Science/ Applied Mathematics/ Nanoscience and Technology/ Biotechnology/ Environmental Science and Chemical Science. M.Phil., M.Tech. in Solid State Material/ Material Science/ Electronics/Energy/ Nanoscience and Technology/ Biotechnology/ Environmental Science and Chemical Sciences. B.Tech. in Engineering Physics with 80% marks in aggregate or equivalent CGPA.	High Energy Physics, Plasma Physics, Nanoscience and Soft Matter, Neutrino Physics, Applied photonics, Biomedical instrumentation, Astroparticle Physics.
12	Sociology	Post Graduation in Sociology / Cultural Studies/ Anthropology (with specialization in Social Anthropology) / Economics / History / Political Science / Philosophy / Mass Communication / English / Law / Management/ Social Work.	Tribal Studies, Marginality Studies, Social Movements, Agrarian Studies, Sociology of Religion, Northeast India Studies, Sociology of Culture, Sociology of Science.

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