

2.1 UG Degree/ Integrated/ Certificate Programmes

Sl. No.	Programme Names	Intake	Eligibility
1	B. Tech. in Civil Engineering†	54(+5)	10+2 or equivalent examination with pass marks in (1) Physics, (2) Mathematics, (3) Language, (4) any subject (Chemistry, Biology, Biotech, Technical vocational subjects), (5) Any other subject and with minimum 60% (55% in case of candidates belonging to reserved category) marks in above subjects taken together.
2	B. Tech. in Computer Science and Engineering†	54(+5)	
3	B. Tech. in Electrical Engineering†	30(+3)	
4	B. Tech. in Electronics and Communication Engineering†	54(+5)	
5	B. Tech. in Food Engineering and Technology†	45(+5)	
6	B. Tech. in Mechanical Engineering†	54(+5)	
7	Lateral Entry to 2nd year of B.Tech in Civil Engineering	3 ^{\$}	Diploma in Civil Engineering from an AICTE approved program. Duration of Diploma must be: (i) 03 years after 10th (Matriculation) in conventional system (ii) 04 years after 10th (Matriculation) in modular system The Candidate must have passed 10th (Matriculation) with 60% marks in aggregate and must have secured 60% marks in Mathematics, as well as must have a minimum aggregate of 70% marks at Diploma level.
8	Lateral Entry to 2nd year of B.Tech in Computer Science and Engineering	3 ^{\$}	Diploma in Computer Science and Engineering or Allied subjects and Electronics and Communication Engineering or Allied Subjects Duration of Diploma must be: (i) 03 years after 10th (Matriculation) in conventional system (ii) 04 years after 10th (Matriculation) in modular system The Candidate must have passed 10th (Matriculation) with 60% marks in aggregate and must have secured 60% marks in Mathematics, as well as must have a minimum aggregate of 70% marks at Diploma level.

9	Lateral Entry to 2nd year of B.Tech in Electronics and Communication Engineering	3 ^{\$}	Diploma in Electronics and Communication Engineering or Allied subjects from an AICTE approved program. Duration of Diploma must be: (i) 03 years after 10th (Matriculation) in conventional system (ii) 04 years after 10th (Matriculation) in modular system The Candidate must have passed 10th (Matriculation) with 60% marks in aggregate and must have secured 60% marks in Mathematics, as well as must have a minimum aggregate of 70% marks at Diploma level.
10	Lateral Entry to 2nd year of B.Tech in Electrical Engineering	3 ^{\$}	Diploma in Electrical Engineering from an AICTE approved program. Duration of Diploma must be: (i) 03 years after 10th (Matriculation) in conventional system (ii) 04 years after 10th (Matriculation) in modular system The Candidate must have passed 10th (Matriculation) with 60% marks in aggregate and must have secured 60% marks in Mathematics, as well as must have a minimum aggregate of 70% marks at Diploma level.
11	Lateral Entry to 2nd year of B.Tech in Food Engineering and Technology	3 ^{\$}	Diploma in Food Engineering and Technology or Allied subjects from an AICTE approved program. Duration of Diploma must be: (i) 03 years after 10th (Matriculation) in conventional system (ii) 04 years after 10th (Matriculation) in modular system The Candidate must have passed 10th (Matriculation) with 60% marks in aggregate and must have secured 60% marks in Mathematics, as well as must have a minimum aggregate of 70% marks at Diploma level.
12	Lateral Entry to 2nd year of B.Tech in Mechanical Engineering	3 ^{\$}	Diploma in Mechanical Engineering or Allied subjects from an AICTE approved program. Duration of Diploma must be: (i) 03 years after 10th (Matriculation) in conventional system (ii) 04 years after 10th (Matriculation) in modular system The Candidate must have passed 10th (Matriculation) with 60% marks in aggregate and must have secured 60% marks in Mathematics, as well as must have a minimum aggregate of 70% marks at Diploma level.
13	B.Ed. (There will be 50 % seat each for Humanities and Science Stream.)	50(+5)	Minimum 55% marks in B.A./B.Sc./B.Tech./B.E.
14	Certificate in Chinese	39(+4)	10+2 with 45% of marks in aggregate.

15	Integrated dual B.A. & M.A. in English	20(+2)	First Division in the 10+2 Examinations
16	Integrated dual B. Com. & M. Com.	30(+3)	Minimum 60% aggregate marks in 10+2 Examination

17	Integrated B.Sc. B.Ed. (Chemistry Major)	10(+1)	First division in 10+2 Examination (Science)
18	Integrated B.Sc. B.Ed. (Mathematics Major)	10(+1)	
19	Integrated B.Sc. B.Ed. (Physics Major)	10(+1)	
20	Integrated dual B.Sc. & M.Sc. in Chemistry	20(+2)	Minimum 60% aggregate marks in Physics, Chemistry and Mathematics at 10+2 examination with minimum pass marks in individual subjects and pass mark in English.
21	Integrated dual B.Sc. & M.Sc. in Mathematics	20(+2)	Minimum 60% aggregate marks in Mathematics, Physics, Chemistry/Statistics in 10+2 examination with minimum pass marks in individual subjects and pass mark in English.
22	Integrated dual B.Sc. & M.Sc. in Physics	20(+2)	Minimum 60% aggregate marks in Mathematics, Physics, Chemistry in 10+2 examination with minimum pass marks in individual subjects and pass mark in English
23	Integrated dual B.Sc. & M.Sc. in Life Science	20(+5)	Minimum 60% aggregate marks in Biology, Chemistry, Physics and/or Mathematics subjects in 10+2 examination with minimum pass marks in individual subjects and pass mark in English.

2.2 Post Graduate Degree/Diploma Programmes

24	M. A. in Cultural Studies	46(+5)	Bachelor's Degree in any discipline with at least second class in Major subject. Candidates having no major / honours, must have a minimum of 45% marks
25	M. A. in Education	30(+3)	Bachelor's Degree with at least 45% marks

26	M.A. in English	50(+5)	Bachelor's degree with at least 45% marks in major/honours in English. Candidates not having major/honours must have at least 50% marks in aggregate as well as in English
27	M. A. in in Linguistics and Language Technology	30(+3)	(1)B. A. with honours in Linguistics/English/any allied subject with a minimum of 45% marks, or (2)B.A. with a minimum of 50% of aggregate marks.
28	M. A. in Hindi	25(+3)	Bachelor's Degree with Major/ Honours in Hindi from a recognized University or Bachelor's degree with Hindi as an elective subject having at least 50% of marks in aggregate.
29	P. G. Diploma in Translation (Hindi)	23(+3)	BA with Hindi Major/ Honours; B. A. with Elective Hindi; B.A/B.Com/B. Sc with Praveen/ Sahityratna. Candidates not having Major/Honours must have at least 50% marks in aggregate.
30	M. A. in Mass Communication and Journalism	35(+4)	Bachelor's Degree in any discipline with at least 45% marks in Major/ Honours. Candidates not having Major/ Honours must have at least 50% marks in aggregate.
31	M. A. in Communication for Development	12(+1)	Bachelor's Degree in any discipline with at least 45% marks with Major/Honours. Candidates not having Major/Honours must have at least 50% marks in aggregate.
32	M. A. in Social Work	15(+2)	Graduate in any discipline with 45% marks in Major.
33	M. A. in Sociology	30(+3)	Bachelor's Degree with at least 45% marks in Sociology major/honours or in any subject offered as major/honours. Candidates not having major/honours must have 50% marks in aggregate.
34	Master of Laws (LL.M.)	20(+2)	Bachelor's degree in Law with a minimum of 50% marks.
35	P. G. Diploma in Child Rights and Governance	20(+2)	Bachelor's Degree in any discipline

36	P. G. Diploma in Women's Studies	20(+2)	
37	M. Sc. in Chemistry	20(+2)	Bachelor's degree with major/ honours in Chemistry subject with a minimum of 45% marks and having Physics and Mathematics as subsidiary subjects.
38	M. Sc. in Environmental Science	30(+3)	B.Sc. in Physical/Biological/ Earth and Environmental Sciences as major/ honours with minimum of 50% marks. Candidates not having major/honours must have at least 55% marks in aggregate. Or, B.Sc. (Agri.) with at least 6.0 CGPA in 10 point scale or equivalent. Or Bachelor's degree in Engineering /Medicine with 55% marks or equivalent grade points.
39	M. Sc. in Mathematics	42(+4)	Bachelor's degree with a minimum of 45% marks in major/honours, either Mathematics or Statistics. Candidates with Statistics major/honours must have Mathematics as subsidiary course with a minimum of 50% marks. Candidates not having major/honours must have 50% marks in aggregate as well as in Mathematics.
40	M. Sc. in Molecular Biology and Biotechnology* (TUEE = 12, JNU = 26)	30(+8)	Bachelor's degree in Physical, Biological, Agricultural, Veterinary, Fishery Sciences, Pharmacy, Engineering/ Technology, four years B.S. programme (Physician Assistant course) or Medicine, MBBS or BDS with a minimum 55% marks in major/honours or aggregate. Those who have passed the qualifying examination before 2 years from the date of announcement of admission are not eligible.
41	M. Sc. in Physics	30(+3)	B.Sc. with minimum of 50% marks in major/honours in Physics having Mathematics as one of the subsidiary subjects. Candidate not having major/honours must have 55% marks in aggregate and in Physics
42	Master of Computer Application (MCA)	45(+5)	Bachelor's degree in any discipline with a minimum of 50% marks in major / honours subject or 55% marks in aggregate for those candidates having no major/honours or 55% marks in aggregate in BCA. Passed in Mathematics at 10+2 Examination.
43	M.Tech. in Civil Engineering	9(+1)	B.Tech. in Civil Engineering
44	M. Tech. in Information Technology	28(+3) (Through GATE- 18, Through TUEE -10)	B.E./B.Tech./AMIE/AMIETE in CSE/IT/ECE/allied subjects or MCA or its equivalent or M.Sc. in Computer Science/IT/Electronics/ Mathematics / Statistics with a minimum of 55% marks in aggregate. Candidates selected under GATE must possess a valid GATE score in CS.

45	M. Tech. in Computer Science and Engineering	10	B.E./B.Tech./AMIE/AMIETE in Computer Science & Engineering or MCA with minimum of 60% marks in aggregate.
46	M. Tech. in Electronics Design and Technology	28(+3) (Through GATE- 18, Through TUEE -10)	B.E./B.Tech./AMIE/AMIETE in Electronics/ Electrical/ Instrumentation Engineering or M.Sc. in Electronics/Instrumentation/Physics (Electronics as specialization)/ AMIETE with a minimum of 50% marks in aggregate
47	M. Tech. in Bioelectronics	15(+2) (Through GATE- 12, Through TUEE - 03)	B.E./B.Tech. in Electronics and Communication Engineering/ Instrumentation/ Chemical Engineering/ Computer Science and Engineering/Electrical Engineering/Biomedical Engineering/ Bioengineering/Neuro Engineering/ Genetic Engineering/ Biotechnology or M.Sc. in Biotechnology/ Biochemistry /Chemistry/Polymer Science/Physics/ Electronics/ Nano Science and Technology/ Instrumentation or MBBS with at least 50% marks in aggregate
48	M. Tech. in Energy Technology	28(+3) (Through GATE- 18, Through TUEE -10)	B.E./ B.Tech. / AMIE in Mechanical /Electrical / Electronics / Instrumentation / Chemical /Agricultural Engineering / Energy Engineering or M.Sc. in Physics/ Chemistry with a minimum of 50% marks in aggregate
49	M. Tech. in Food Engineering and Technology**	18(+2) (Through GATE- 15, Through TUEE - 03)	B.E. /B. Tech. in Food Engineering and Technology/ Food Process Engineering/ Food Technology/ Agricultural Engineering/ Mechanical Engineering/ Chemical Engineering / Biotechnology/Dairy Engineering /Dairy Technology or food related fields with a minimum of 55% marks in aggregate. (Note: The B. Tech./ B.E. programme completed by the candidate should satisfy the AICTE requirements).
50	M. Tech. in Mechanical Engineering (Specialization: Machine Design)	18(+2) (Through GATE- 15, Through TUEE - 03)	BE/B.Tech. or equivalent Bachelor's degree in Mechanical, Aerospace Engineering, Automobile Engineering or in any allied disciplines in Mechanical Engineering with a minimum of 60% marks (or 6 CGPA in 10 point scale) in aggregate.
	M. Tech. in Mechanical Engineering (Specialization: Thermo Fluids Engineering)		BE/B.Tech. or equivalent Bachelor's degree in Mechanical, Energy and Power Engineering, Aerospace/ Aeronautical or any other relevant Engineering discipline.
51	M. Com.	06(+1)	B. Com. with minimum of 50% marks in major/honours. Mathematics at degree level is desirable.
52	Master of Tourism and Travel Management (MTTM)	15(+2)	Bachelor's Degree in any discipline with at least 45% marks in major/honours. Candidates not having major/honours must have 50% marks in aggregates

53	Master of Business Administration (MBA)^	46(+5)	Bachelor's Degree in any discipline with a minimum of 50% marks in major/honours subject or in aggregate. (Admission Process of 2019 is already over)
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Note: Intakes shown in the bracket are subject to approval by UGC/MHRD for implementation of EWS Quota.

†Admission to all the B. Tech. programmes shall be made through the **JEE Main 2019**, conducted by NTA. Out of the total seats, 60% seats are reserved for permanent residents of North East States (to be filled up through the Tezpur University Counselling) and remaining 40% seats are open for filling up through the Central Counselling conducted by CSAB/JoSA.

\$For the school of Engineering across 06 B. Tech. programs, a maximum of 18 seats, (5% of approved intake to existing B Tech programmes) will be admitted through *Lateral Entry to 2nd year of B.Tech.* Exact number of candidates to be admitted against each of the B. Tech. program will be notified separately through University webpage after facilitating internal sliding among continuing students.

*In M.Sc. in MBBT, 12 seats are reserved for permanent residents of any of the North-East-States (filled up through the Tezpur University Entrance Examinations-2019) and 26 seats are filled up through "All India Combined Entrance Test" conducted by DBT, Government of India from time to time). This is subject to latest policy changes.

**Seats remaining vacant after accommodating candidates with valid GATE score will be filled up through TUEE-2019 merit list. If the candidate claims admission based on a valid GATE score, the following criteria will be used:

- (i) For GATE holder with food technology as one of the optional subjects: 100% weightage for GATE Score.
- (ii) For GATE holder without food technology as one of the optional subject: GATE score (70% weightage) TUEE score (30% weightage).

^Admission to the MBA programme shall be made on the basis of CAT/ MAT /XAT /ATMA /GMAT/ CMAT score

2.3 Pre-Requisite and area of research for admission in to various disciplines of Ph. D. programmes (Autumn Semester 2019)

Sl.No	School	Department	Pre-requisite	Area of Research
54		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.
55	Engineering	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, Computational Linguistics, Natural Languages Processing, Speech Processing, Data Mining, Image Processing, Pattern Recognition, Machine Learning, Algorithms, Remote Sensing, Image Analysis, Computational Biology, Cognitive Radio Networks, Resource Allocation in CRN, Blockchain, Software-Defined Networking.
56		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. Min. two recommendation Letters from Intitute/University of B.E./B.Tech. degree.	Bio electronics, Biosensor, Bio-electronic Device, Neuro-engineering, Image Processing, Computer Vision, Biomedical Signal Processing, Robotics, CMOS Design & MOSFET Modelling, Plasmonic Device, Sensors, MEMS, Semiconductor Devices, VLSI.

57	Engineering	Energy	M.Sc. / M.E. / M.Tech. degree in Energy Technology/ Energy Management/Energy related Engineering and Technology/ Physics/ Chemistry/Agriculture Allied subjects.	Energy Management, Renewable Energy, Biofuels, Bio-diesel, Bio- Energy, Energy Environment Interaction, Solar Photovoltaic, PV Systems, Hybrid Energy Systems, Fuel cells, Hydrogen Technology, Building Energy.
58	Engineering	Food Engineering and Technology	M.Tech. / M.E. /Integrated M. Tech in Food Engineering and Technology/Food and Dairy related other programme/Mechanical Engineering/Chemical Engineering/Bio-Process/Bio-Chemical/Biotechnology, or, M.Sc. and Integrated M.Sc. in Food Engineering and Technology/Food and Dairy related other programme/Applied Microbiology/Microbiology/Bio-Chemistry/Chemistry/ Biotechnology/Bioscience and Informatics, or,B.E./B.Tech (in Food Engineering and Technology/Food and Dairy related other programme) with 75% marks in aggregate or equivalent CGPA with valid GATE Score). Minimum two recommendation Letters from the Institute/University from where B.E./B.Tech degree was obtained.	Functional ingredients, Nano emulsions, Food Chemistry, Food Quality, Food Processing, Process modelling, Food Processing Engineering, Fruits Veg. Processing, Food Machineries, Non thermal processing, Biosensors,, Microbial fuel cell, Fruits and Veg. Processing, Nanomaterial, Bioprocessing of food wastes, Starch modification and application, Food Packaging, Extraction of Bioactive components, Biopolymers, Thermal & Non-thermal Processing, Functional and Nutraceutical food, Probiotic and functional characterization of starch, Food powders.
59	Engineering	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.	Thermal, Energy and Environment Engineering Optimization Energy and Thermal Engineering, Drying Technology Thermal Engineering, Computational Fluid Dynamics Machine Design, Composite Material Dual phase steels, Aluminum Alloys, Micro-alloying, Mechanical Properties Renewal Energy Conversion Machine Design, Theoretical and experimental residual stress.

60	Humanities & Social Sciences	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	Culture Memory, Cultural History, Media & Culture
61	Humanities & Social Sciences	Education	Post Graduate in Education or in any allied discipline/subjects with 55% marks.	Language Education, Sociology of Education, Educational Measurement and Evaluation, Teacher Education, Educational Psychology, Educational Administration, ICT in Education, Environmental Education, Special Needs Education, Method of Teaching in Biological Science/Elementary Education.
62	Humanities & Social Sciences	English and Foreign Languages	M.A. in English (specialization may be in Literature, English Language Teaching or Linguistics) M.A. in Linguistics	American Literature, Critical Theory, Fiction Studies, Cultural Studies, Modernist Poetics, Indian Writing in English, British Literature, Book History, Linguistics, Cognitive Semantics, Philosophy of Language, Literary Theory, Curriculum Development, Materials Production, Language Policy, Multilingualism, Gender and Literature, New Literatures in English, Indian Vernacular Literature, Travel Writing, Contemporary British Literature, Acoustic Phonetics, Computational Linguistics, Language Documentation, English Language Education, Language Testing, SLA.
63	Humanities & Social Sciences	Hindi	M.A. in Hindi	Fiction & Modern Hindi Literature

64	Humanities & Social Sciences	Mass Communication & Journalism	M. A. in Mass Communication, Mass Communication & Journalism/ Communication. Master of Mass Communication (MMC). Master of Journalism & Mass Communication (MJMC). Master of Science in Communication (M. S. Communication). M. Sc. Communication. Master of Journalism.	Journalism, Radio, PR, Corporate Communication, Acculturation, ICT, New Media, Science Communication Culture.
65	Humanities & Social Sciences	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.	Development, Environment, Migration, Agrarian Studies, Ethnicity, Social Movements, Urbanisation, Northeast India, Sociological Theories, Sociology of Movement, Agrarian Sociology, Sociology of Development, Sociology of Health and Illness, Sociology of Governance, Sociology of Education, Identity of Politics, Multiculturalism, Sociology of Religion, Environmental Sociology, Sociology of Music
66	Management Sciences	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	Services Marketing/Tourism Marketing, Financial Management, Financial Markets and Development Finance, Tourism, Marketing, Change Management and Human Resource Management, Organization Behavior, Business Optimization, Operations, Quality, Operation in Tourism, Rural Development, Entrepreneurship Development, Tourism, Finance, Agri Business, Rural Development, Micro Finance, Capital Market, IPR, Supply Chain Management, Community Based Tourism
67	Sciences	Chemical Sciences	M.Sc. in all branches of Chemical Science/ Physics/Nanoscience/ Material Science/ Biotechnology/ Biochemistry/ Bioinformatics/ Environmental Science. M.E./M.Tech. in allied subjects (Chemical Engineering/ Polymer Technology/ Material Sciences/ Environmental Engineering etc.).	Polymer Science/Physical Chemistry, Polymer Chemistry, Inorganic/Forensic Science, Nanomaterial/Nanocomposite, Catalysis, Theoretical Chemistry, Computational Inorganic/Organometallic Chemistry, Biosensors/Chemical Sensors,

				Electro-catalysis, Organic Synthesis,
68	Sciences	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.	Atmospheric chemistry, chemistry of Aerosol, some apportionment studies, PAHs, River morphology and landforms, riverine hazards; Climate studies (Urban climate, Urban Heat Island); Coupling study between hydro-geomorphic processes and ecology, geomorphic response to climate change; Socio-environmental issues (Vulnerability and Risk Assessment) Application of Remote Sensing and GIS techniques to atmospheric, hydro- geomorphic studies and socio-environmental issues, Ecology, Ecosystem dynamics, Biodiversity conservation, Stress Physiology & GHG emission from Agricultural Sector, Vermi-culture, Plant Nutrition & Soil Fertility Management, Atmospheric Processes; Air and Noise pollution monitoring and modelling; Environmental System modelling; Urban Climate.
69	Sciences	Mathematical Sciences	M.A. / M.Sc. in Mathematics or M.A./M.Sc. in Statistics with requisite background in Mathematics.	Number Theory, Functional Analysis and Operator Theory, Graphs and Matrices. Nonparametric Density, Distribution Function Estimation, Empirical Research in Finance, Ring Theory, Computational Fluid Dynamics, Abstract Differential Equations, Algebraic Graph Theory.
70	Sciences	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	Cancer Biology, Genetic Engineering, Microbial genetics, Microbial recombinant enzyme, Cardiovascular drugs from medicinal plants, Microbial Biotechnology, Molecular Plant Microbe Interactions, Snake venom, protein characterization, Scientific Validation of antimalarial and

			Chemical Engineering/ Chemical Sciences/ Bioinformatics or any allied field. MBBS or BVSc. degree with at least 60% marks or equivalent CGPA. Apart from the above, candidates having consistently good academic record will be preferred.	antidiabetic formulation, Phytoremediation MEOR, Plant Biotechnology, environmental biotechnology, Molecular Genetics, Disease Biology, Computational Biophysics, Non canonical function of ribosomal protein, Anti-inflammatory action of Polyphenols, Molecular Virology and Scrup typhus, Bioinformatics, Modelling & Simulation, Systems Biology, Bioinformatics, Big data analytics, Plant stress response, Evolutionary genomics, Cancer genomics, Next Generation Sequencing, Plant secondary metabolites, Organic cultivation, Germination.
71	Sciences	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.	Mesoscopic Physics, Quantum Systems, CMP & Nanotech, High Energy Physics, Material Science, Microwave Material & Devices, Applied Photonics, Applied Optics & Instrumentation, Neutrino Physics & Cosmology, Plasma Physics, Condensed Matter Physics/NLD, Astro-particle Physics.
72	Humanities	Social Work	Consistent good academic record with minimum 55% marks in M.A. (50% for SC/ST) in the following subjects: M.A. in Social work and allied Social Sciences (such as sociology, psychology, rural development, Development studies, law, public health, education and management) The candidate must qualify UGC National Eligibility Test (NET)	--

Important Note: Students of any category seeking admission in open category seats should fulfil the requirement as needed for General category candidates.