(Updated on 15<sup>th</sup> July 2022)

# **INFORMATION BROCHURE**

# **Tezpur University Admission – 2022**

### TUEE-2022 For

- **B.** Tech. (with NE PRC)
- **B.** Tech. (Lateral entry)
- > M. Tech. (with valid GATE score)
- **M. Sc. (with valid GAT-B score)**
- **≻** Ph. D.



Tezpur University Napaam 784028 Website: tezu.ernet.in

# ADMISSION AT TEZPUR UNIVERSITY

### **Salient Features**

- Registration and filling in of Application cum Counselling Form (ACF) in online mode.
- Reservation as per Govt. of India Reservation Policy.
- Quota for medallists in national and international sports events.
- Admission through CUET (UG), CUET (PG).
- Admission of foreign students through Direct Admission of Students Abroad (DASA).
- Admission through Prime Minister's Special Scholarship Scheme (PMSS).
- Ph.D. admission through QIP and ADF (AICTE), National eligibility tests like NET/GATE etc., and TUEE-2022.

Tezpur University offers several programmes on undergraduate degree/diploma/certificate, postgraduate degree/diploma, and Ph.D. degree in various disciplines. Application process for the session 2022-2023 will be in online mode.

### **General Information**

#### Important Dates About TU portal

SN	Programme	<b>Opening Date</b>	Closing Date	
1.	B.Tech.	09.06.2022	31.07.2022	
2.	B.Tech. (Lateral Entry)	09.06.2022	<u> 10.07.2022</u>	
3.	M.Tech. (Direct entry with valid GATE score)	09.06.2022	<u> 10.07.2022</u>	
4.	Ph.D.	09.06.2022	<u> 10.07.2022</u>	
5.	All programmes admitted through score of CUET	To be Announced later		
	(UG) and CUET (PG)			

Link for application: <a href="http://www.tezuadmissionportal.in">http://www.tezuadmissionportal.in</a>

### **Online Application cum Counselling Fee**

The payment of the application fee is to be made online using credit card/debit card/net banking. The transaction detail may be printed and preserved for later references. The submission of admission cum counselling form will remain incomplete until the required fee is transferred successfully. Programme-wise fee details for Indian and international students are given in the table below.

Student Type	Category	Programmes through CUET(UG/PG)	B. Tech./ B. Tech. (Lateral Entry)/ M. Tech. (GATE)/ Ph.D.
Indian Student	General/ OBC/ OBC-NCL	₹ 600.00	₹ 800.00
Indian Student	SC/ST/ EWS/ PwD	₹ 300.00	₹ 400.00
International Student	Not Applicable	<b>US \$</b> 20.00	<b>US \$</b> 30.00

# Admission and Semester Fee Structure: 2022-2023 Indian Students

Level	Programmes	Only onc	e at the time of	Fees To	Grand
		admission		Be Paid	Total
			Refundable	Per	
		Refundable	<b>Caution Deposit</b>	Semester	
		₹	₹	₹	₹
Undergraduate	B.Tech.*/	2200.00	5000.00	26042.00	24242.00
	B.Tech. (Lateral Entry) *	2300.00	5000.00	26943.00	34243.00
Integrated	M.Sc.*/M.Com./ M.A.	2300.00	5000.00	12943.00	20243.00
Programmes	B.Sc. B.Ed.	2300.00	5000.00	15443.00	22743.00
Postgraduate	B.Ed. (2 year)	2300.00	5000.00	14443.00	21743.00
	M.Sc.*	2300.00	5000.00	15443.00	22743.00
	M.A./ M.Com.	2300.00	5000.00	12943.00	20243.00
	MCA	2300.00	5000.00	18443.00	25743.00
	M.A. in MCJ	3300.00	5000.00	22443.00	30743.00
	M.Tech.*/ M.Des.*	2300.00	5000.00	22443.00	29743.00
	LL.M.	2300.00	5000.00	17593.00	24893.00
	MTTM	2300.00	5000.00	17443.00	24743.00
PG Diploma	P.G. Diploma in Women Studies	2300.00	5000.00	17443.00	24743.00
	P.G. Diploma in Translation (Hindi)	1800.00	5000.00	10943.00	17743.00
Certificate	Chinese	1300.00	5000.00	11693.00	17993.00
Ph.D.*	Full Time (Hosteller) <sup>#</sup>	2300.00	5000.00	16543.00	23843.00
	Full Time (Non-hosteller) <sup>#</sup>	2300.00	2000.00	12043.00	16343.00
	Part Time	2300.00	2000.00	13400.00	17700.00
	TU Employee	2300.00	2000.00	11700.00	16000.00

\*NOTE: Candidates of the following programmes will be required to pay an additional fee of Rs. 2000.00 (for Ph.D.) and Rs. 1200.00 (for other programmes) per semester on account of consumables

- 1. Integrated M.Sc./B.Sc.B.Ed. in Chemistry and Integrated M.Sc. in Life Sciences programmes.
- 2. M.Sc. in Molecular Biology and Biotechnology/ Chemistry / Environmental Science.
- 3. B.Tech. and M.Tech. in Food Engineering and Technology.
- 4. M.Tech. in Energy Technology.
- 5. Master of Design.

#Candidates up to the age of 30 years are required to pay an additional fee of Rs. 143.00 per semester on account of health insurance.

SC/ST students are exempted from paying the hostel seat rent of Rs. 675/- per semester.

# **Important Notes**

- Interested eligible candidates may <u>apply Online</u> through the link: Error! Hyperlink reference not valid. for the B. Tech.; B. Tech. (Lateral Entry); M. Tech. (with valid GATE score); M. Sc. (with valid GAT-B score), and Ph. D. programmes
- A candidate can apply for multiple programmes in a single application by paying application fee only once. The candidate must select the desired number of programmes in the programme selection section of the online application. However, a Ph.D. candidate can select a maximum of only 02 programmes during the application process.
- In the case of B.Tech. programmes, selection of multiple programmes is not available. The selected candidates will opt for the programme/department/discipline based on the availability of seats at the time of their turns during the counselling cum admission process.
- Candidates yet to obtain the last qualifying degree/diploma/ certificate: Candidates who have already finished their qualifying examinations or expect to finish all the components, including practical, viva-voce (if any), and backlog courses/ papers of earlier semesters before the date of admission may also apply.
- Foreign candidates may be enrolled on supernumerary basis and their admissions would be as per guidelines and regulations of Government of India. For details, candidates are advised to contact International Student Office, Tezpur University.
- All communication with candidates will be made through their registered e-mail ID/ mobile number or notification in TU admission portal.
- No separate letter will be issued for acceptance/ rejection of application form, appearing in entrance examinations (admit card), entrance examination schedule, selection for admission, etc.
- Communication for any doubt/query may be made on asktuee@tezu.ernet.in. For queries related to B.Tech. programmes email must be sent to bssc2021@tezu.ac.in.

# Mandatory Documents to Be Uploaded

Following documents (digital/scanned copy) to be uploaded as documentary evidence in original against each provided by the candidate in his/her TUEE Application Form:

- A passport size photograph.
- Scanned copy of the signature.
- For programmes under CUET (UG)/CUET (PG): admit card issued by NTA.
- Relevant certificate issued by the competent authority, if applied for admission under any reserved category mentioned in the reservation policy.
- For B.Tech. programmes: JEE Main admit card and Permanent Residence Certificate (PRC) issued by the competent authority of any state of northeastern India for the northeastern India quota.
- M.Sc. programme in Molecular Biology and Biotechnology: GAT-B score card and PRC under the northeastern India quota.
- Certificates and mark-sheets/grade cards of all the previous degree/diploma/certificate examinations, including those of the 10 and 10+2 standard examinations.
- Valid GATE score card, if applied for admission to an M.Tech. programme through GATE.

- Score cards/award letters of national level eligibility tests/ GATE, if any, while applying for Ph.D. programmes.
- Sponsorship/No Objection Certificate with relieving order issued by the employer if the candidate is employed.
- Relevant certificate as evidence of winning medal(s) in international/national sports event(s)/ in academics.
- While filling up the academic details, if the result is given in CGPA, the conversion of CGPA to percentage must be done by the applicant, as per the qualifying board/university formula. If the formula is not provided by the university/ board, the converted CGPA in percentage must be certified by the principal/competent authority of the institute.

### **Reservation Policy**

- Seats are reserved for SC/ST/OBC(NCL)/EWS and differently abled persons as per the Government of India rules. In the case of differently abled persons, a minimum of 40% permanent disabilities will only be considered.
- Relaxation of 5% marks or equivalent grade point will be allowed for reserved category candidates as per rules.
- As per the Directives of the Govt. of India, supernumerary seats are available in the following categories:
  - Employee Wards' Quota.
  - Preference under sports quota will be considered as per university rules.
  - Prime Minister's special scholarship scheme for candidates from Jammu and Kashmir.
  - Up to 5% of the approved seats are reserved for the widows/wards/wives of Armed Forces personnel and Ex-Servicemen as per the priorities set by Govt. of India. However, the reservation for M.Sc. in MBBT programme is subject to approval by the DBT, Govt. of India.
  - No reservation under defence quota in B.Tech. (Lateral Entry) programmes.
  - The wards/widows/wives of Armed Forces personnel strictly in accordance with following priorities laid down by Ministry of Defence:
    - > Priority I: Widows/wards of defence personnel killed in action.
    - > Priority II: Wards of disabled in action and boarded out from service.
    - Priority III: Widows/wards of defence personnel who died in service with death attributable to military service.
    - Priority IV: Wards of defence personnel disabled in service and boarded out with disability attributable to military service.
    - Priority V: Wards of ex-servicemen and serving personnel who are in receipt of Gallantry Awards.
    - > Priority VI: Wards of ex-servicemen.
    - > Priority VII: Wards of serving personnel.

# **Mandatory Conditions for Securing Admission**

Admission of a candidate to a programme is subject to the following conditions:

- Fulfilment of the eligibility criteria as specified in eligibility criteria for admission.
- Selection for admission to the programme.
- Production of all the relevant documents such as pass certificates and marksheets of all earlier examinations with requisite percentage of marks in original and original copies of documents uploaded at the time of submission of the application form.
- Submission of a set of self-attested copy of all pass certificate, mark sheets and other relevant documents.
- Submission of the character certificate from the head of the institution and migration certificate (in original) from the board/university last attended.
- Submission of a self-attested printout of the filled in application form.
- Receipt of payment of admission fee in full.

# **Conditions for Provisional Admission**

- If the result of the qualifying examination of a student is awaited at the time of admission, he/she must produce/submit pass certificate/marksheet with requisite percentage of marks within 31/10/2022. Such a candidate must submit a proof of taking all the examinations including practical/lab/project/backlog courses of the qualifying degree/diploma/certificate at the time of admission duly certified by the head of the institution last attended. If any backlog course or other component remains incomplete after admission, then the candidate will be treated as not qualified for continuation and will be asked to leave the programme.
- If a candidate fails to produce/submit any document (such as the completion certificates and marksheets/transcripts of the qualifying examinations, migration certificate from the board/university last attended, etc.) at the time of admission, the same must be produced as early as possible but not later than 31/12/2022. Candidates failing to produce marksheet or pass certificate with requisite percentage of marks within the specified period will not be allowed to continue her/his study.
- All admissions are provisional in nature. The admission of a student in a programme may be cancelled under the following circumstances:
  - Production/submission of any false/tempered information/ document.
  - > Failing to produce/submit any required pending document within 31/10/2022.
  - If the required percentage of marks of the qualifying examination is not fulfilled or does not meet the requirement of the eligibility criterion.

# **Admission Procedure for Academic Programmes**

### **Important Note**

While filling up the academic details, if the result is given in CGPA, the conversion of CGPA to percentage must be done by the applicant, as per the qualifying board/university formula. If the formula is not provided by the board/university, the converted CGPA in percentage must be certified by the principal/competent authority of your institute.

### 1. B. Tech. Programmes

- i) Candidates seeking admission to the B.Tech. programmes are required to appear in the JEE (Main) 2022 to be conducted by NTA, New Delhi. All admission shall be on the basis of JEE (Main) 2022 All India Ranking/CRL.
- ii) The candidates who appear in the JEE (Main) 2022 can seek for admission to the B.Tech. programmes through two channels:
  - a) **Open Seats through Central Counselling:** 40% of the total seats shall be made available through the central counselling i.e., Central Seat Allocation Board (CSAB) on the basis of JEE (Main)-2022. The candidates of any place of India can participate in the central counselling conducted by CSAB/JoSSA (online choice filling process), to get admission in Tezpur University against these 40% seats.
  - b) Northeastern (NE) States Quota Seats through BSSC-TU Counselling: 60% of the total seats shall be made available through the counselling by the B.Tech. Screening cum Selection Cell at Tezpur University (BSSC-TU). These seats are reserved for the permanent residents of northeastern (NE) states. The candidates need to register and fill in the ACF at TU admission portal in addition to JEE (Main)-2022 application. While filling in the ACF form, candidates must produce the PRC (Permanent Residence Certificate) issued by the competent authority and JEE-Main-2022 admit card. The prescribed format of PRC is available in Annexure-1. Category-wise merit list on the basis of JEE-main score and schedule of counselling will be notified on TU admission portal.
  - c) **Important Note:** Candidates who are permanent residents of NE states shall still be eligible to get admitted to the open seats through central counselling procedure mentioned in (a).

Sl. No	Branch	Intake	Duration (No. of Semesters)	
			Minimum	Maximum
1.	Civil Engineering	68	08	12
2.	Computer Science and Engineering	68	08	12
3.	Electrical Engineering	38	08	12
4.	Electronics and Communication Engineering	68	08	12
5.	Food Engineering and Technology	56	08	12
6.	Mechanical Engineering	68	08	12

Table 1.1: Duration, Intake, and Eligibility of B.Tech. Programmes

#### **Common Eligibility:**

10+2 standard or equivalent examination with minimum 60% aggregate marks or equivalent grade point, where applicable and pass marks or equivalent grade point in (1) Physics, (2) Mathematics, (3) Language, (4) Chemistry/Biology/Biotechnology/Technical vocational subject (any one of them), and (5) any other subject.

### 2. Lateral Entry to the 2nd year of B.Tech. Programmes

a) As per the provisions of AICTE, diploma holders may apply for admission to the 2nd year of existing B.Tech. programmes of the university. The duration of the Lateral Entry programme in all branches is available in the Table 2.1 below.

Sl. No.	Io. Branch Inta		<b>Duration (No. of Semesters)</b>	
			Minimum	Maximum
1.	Civil Engineering	03	06	10
2.	Computer Science and Engineering	03	06	10
3.	Electrical Engineering	06	06	10
4.	Electronics and Communication Engineering	03	06	10
5.	Food Engineering and Technology	12	06	10
6.	Mechanical Engineering	03	06	10

 Table 2.1 Duration of B.Tech. Lateral Entry Programmes

**Note:** Exact number of candidates to be admitted in each discipline will be notified separately on the university webpage after facilitating internal branch sliding among continuing students.

- b) Desirous candidates must satisfy the eligibility criteria before applying for B.Tech. (Lateral Entry) programmes. The eligibility criteria of the programme in all branches are given in the Table 2.2.
- c) Candidates, who are appearing for the final year of diploma examinations, are also eligible, subject to the condition that they shall submit the provisional certificate at the time of admission, along with final grade sheet to support fulfilment of eligibility criteria.

Sl. No.	Branch	Eligibility
1.	Civil Engineering	10 <sup>th</sup> standard examination with minimum 60%
2.	Computer Science and	marks or equivalent grade point in aggregate as
	Engineering	well as separately in Mathematics, and minimum
3.	Electrical Engineering	70% aggregate marks or equivalent grade point
4.	Electronics and Communication	in AICTE approved diploma programme in the
	Engineering	respective or allied discipline. The duration of
		the diploma programme must be:
		02 years diploma after 10+2 OR
5.	Mechanical Engineering	03 years after 10th (Matriculation) in
		conventional system OR 04 Year after 10th (Matriculation) in modular
		system.
		10 <sup>th</sup> standard examination with minimum 60%
		marks or equivalent grade point in aggregate as
		well as separately in Mathematics, and minimum
		60% aggregate marks or equivalent grade point
		in AICTE approved diploma programme in the
6.	Food Engineering and	respective or allied discipline. The duration of
0.	Technology	the diploma programme must be:
		02 years diploma after 10+2 OR
		03 years after 10th (Matriculation) in
		conventional system OR
		04 Year after 10th (Matriculation) in modular
		system.

Table 2.2: Eligibility of B.Tech. (Lateral Entry) Programme Across Disciplines

#### d) Admission Procedure

- i) Candidates will be selected on the basis of performance in an OMR based Written Entrance Examination (OWEE) to be conducted by Tezpur University Entrance Examination (TUEE) Cell at centres in Guwahati and Tezpur and past academic performance.
- ii) They must register and fill in the ACF at TU admission portal to appear in the OWEE at their preferred center on or before the last date specified for the purpose.

# 3. M.Sc. in Molecular Biology and Biotechnology

### **Eligibility Criteria**

Bachelor's degree with minimum 45% marks or equivalent grade point, where applicable in major/honours in Physical/Biological/Agricultural/Veterinary/Fisheries Science or 50% marks or equivalent grade point in any of the specified subjects as well as in aggregate if not having major/ honours in any of the specified subjects, or Bachelor's degree with minimum 50% aggregate marks or equivalent grade point in Pharmacy/Engineering/ Technology/Physician Assistant Course/Medicine.

- a) Total intake is 30 seats.
- b) Out of this total intake, only <u>10 (ten) seats</u> are reserved for the candidates who are domicile of any of the NE states of India and the <u>rest 20 (twenty) seats</u> will be filled up on all India basis according to the GAT-B score.
- c) Before applying for the programme, please check its eligibility criteria carefully.

#### d) Admission Procedure

Candidates will be selected on the basis of the GAT-B score. The examination of GAT-B is conducted by the Regional Centre for Biotechnology, Faridabad under the Department of Biotechnology (DBT), Govt. of India. PRC is to be mandatorily provided while applying for the <u>10 (ten)</u> quota seats for the NE states. The prescribed format of PRC is provided in Annexure-1.

### 4. M. Tech. Programmes

- a) Admission to various M.Tech. programmes shown in the Table 7.1, is on the basis of performance in the CUET (PG)-2022 conducted by NTA, New Delhi or on the basis of valid score in GATE examination. Candidates having valid GATE score in relevant subject can apply <u>directly</u> for M.Tech. programmes. Candidates not having GATE qualification, must register and appear for the CUET (PG)-2022 conducted by NTA in the test question paper mentioned in Table 3.2. With score of CUET (PG), they can apply for M.Tech. programmes.
- b) The GATE-qualified candidates may still apply and appear in CUET (PG)-2022 test to secure their chance.
- c) Category-wise merit lists of GATE-qualified candidates and CUET (PG) qualified candidates will be prepared separately and will be notified on TU admission portal.
- d) All candidates desirous to be admitted to any of the M.Tech. programmes need to register and fill the ACF at TU admission portal.

Sl. No.	Programmes		Duration	(semesters)
			Minimum	Maximum
1.	M.Tech. in Bioelectronics	19	04	08
2.	M.Tech. in Civil Engineering (Specialization in Geotechnical Engineering)	11	04	08
3.	M.Tech. in Computer Science and Engineering	28	04	08
4.	M.Tech. in Electronics Design and Technology	35	04	08
5.	M.Tech. in Energy Technology	35	04	08
6.	M.Tech. in Food Engineering and Technology	23	04	08
7.	M.Tech. in Information Technology	25	04	08
8.	M.Tech. in Mechanical Engineering (Specialization: 1. Machine Design and 2. Thermo Fluids)	23	04	08

Table 4.1: Duration and Intake of M.Tech. Programmes

\* Out of the total intake, the number of sanctioned GATE seats in M.Tech. in Civil Engineering is 04 (Four) only and it is 18 (eighteen) in the M.Tech. programme in other disciplines. In any discipline, if the sanctioned GATE seats cannot be filled up fully due to non-availability of applicants with valid GATE score, then the vacant seats will be filled up from the merit list of applicants with CUET (PG) score. Such candidates admitted through CUET (PG) will not be entitled for GATE scholarship. However, if they have valid GATE score in other eligible discipline, they may be recommended for GATE fellowship from AICTE.

Sl. No.	Discipline	ELIGIBILITY	Test code for CUET(PG)
1.	Bioelectronics	B.E./B.Tech. or equivalent Bachelor's degree in Electronics and Communication Engineering/ Instrumentation/ Chemical Engineering/ Computer Science and Engineering/ Electrical Engineering/ Biomedical Engineering/ Bioengineering/ Neuroengineering/ Genetic Engineering/ Biotechnology or M.Sc. in Biotechnology/ Biochemistry/ Chemistry/ Polymer Science/ Physics/ Electronics/ Nano Science and Technology/ Instrumentation or MBBS with minimum 50% aggregate marks or equivalent grade point. **	PGQP55/ PGQP52
2.	Civil Engineering B.E./B.Tech. in Civil Engineering with minimum 50% aggregate marks or equivalent grade point, where applicable. **		PGQP08 (Civil Engg.)
3.	Computer Science and Engineering	B.E./B.Tech. or equivalent Bachelor's degree in Computer Science and Engineering or MCA with minimum 50% aggregate marks or equivalent grade point. **	PGQP54

Table 4.2: Eligibility and Test Code in CUET (PG) for M.Tech. Programmes

4.	Electronics Design and Technology	B.E./B.Tech. or equivalent bachelor's degree in Electronics/ Electrical/ Instrumentation Engineering or M.Sc. in Electronics/ Instrumentation/ Physics (Electronics as specialization) with minimum 50% aggregate marks or equivalent grade point. **	PGQP52
5.	Energy Technology	B.E./B.Tech. or equivalent Bachelor's degree in Mechanical/ Electrical/ Electronics/ Instrumentation/ Chemical/ Agricultural/ Energy Engineering / Civil/ Petroleum/ Material Science/ Engineering Physics/ Renewable Energy. Or M.Sc. in Physics/ Chemistry/ Material Science/ Engineering Physics/ Engineering Science/ Polymer Science/ Renewable Energy/ Energy/ Nanoscience/ M.Voc. in Renewable Energy with minimum 50% aggregate marks or equivalent grade point. **	PGQP45
6.	Food Engineering and Technology	B.E./B.Tech. /M.Sc. in Food Engineering and/or Technology/ Agricultural Engineering/ Chemical Engineering and/or Technology/ Dairy Engineering and/or Technology with minimum 50% aggregate marks or equivalent grade point. Also, candidates must have Mathematics at 10+2 standard with minimum 50% marks or equivalent grade point or as a subsidiary subject in the specified degree programmes. **	PGQP08 (Food Engg & Tech.)
7.	Information Technology	B.E./B.Tech. or equivalent Bachelor's degree in Computer Science and Engineering/ Information Technology/ Electronics and Communication Engineering/any other allied Discipline, or MCA or its equivalent degree, or M.Sc. in Computer Science/ Information Technology/ Electronics/ Mathematics/ Statistics with minimum 50% aggregate marks or equivalent grade point. Candidates selected under GATE should have a valid GATE score in Computer Science. **	PGQP54
8. ** Ca	Mechanical Engineering (Specialization: 1. Machine Design 2. Thermo Fluids)	B.E./B.Tech. or equivalent Bachelor's degree in Mechanical/ Aerospace/ Automobile Engineering or in any other relevant engineering discipline with minimum 50% aggregate marks or equivalent grade point. **	PGQP08 (Mechanical Engg.)

\*\* Candidates having valid GATE score in the eligible discipline will be considered against GATE seats for direct admission with GATE fellowship. For Information Technology, GATE must be in the Computer Science only

#### a) Admission Procedure

#### > At NTA portal

- Register for the CUET (PG)-2022 at NTA web portal available at [https://nta.ac.in] [https://cuet.nta.ac.in] ]by following the guidelines provided. *Candidates with valid GATE score may/may not register for CUET (PG)-2022.*
- Select Tezpur University from the list of universities and then select your desired M.Tech. programme under Tezpur University.

- Select the correct test paper for the selected M.Tech. programme and your preference for examination centres.
- Appear in the CUET (PG) examination in the selected test paper as per the schedule published by the NTA.
- Secure the NTA examination score [expected in July-August 2022].

### > At TU Portal

- All candidates (GATE qualified/CUET (PG) qualified) must register and fill in the ACF online at the TU admission portal on or before the last date specified for the purpose.
- Wait for the merit lists that will be published at TU admission portal.

### 5.0 Ph.D. Programmes

- a) General criteria as per UGC Guidelines for admission into Ph.D. programmes:
  - Master's degree or a professional degree declared equivalent to the Master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7- point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree from a foreign educational institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions.
  - Candidates possessing a degree considered equivalent to M.Phil. degree of an Indian institution, from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions, shall be eligible for admission to Ph.D. programme.
- b) Department specific further requirement for admission into Ph.D. Programme in Tezpur University is given separately. Refer to Tables 9.1-9.4 for department specific requirements for Ph.D. programmes under different schools.
- c) Ph.D. candidates for admission in Autumn 2022 will be selected on the basis of (i) Performance in an OMR based Written Entrance Examination (OWEE) conducted by Tezpur University Entrance Examination (TUEE) Cell at centres in Guwahati and Tezpur, and Personal Interview (PI) in online/physical mode. Candidates with UGC-(NET/JRF)/UGC-CSIR(NET/JRF)/ DBT-JRF/ICMR-JRF/ICAR-NET/ GATE/ SLET / M.Phil. will be selected on the basis of the performance in the personal interview only.
- d) Candidate desiring full time Ph. D. will be given preference.

SI. No.	Department	Research Areas	Pre-requisite
1	Applied Sciences (Physics) *	Theoretical Modeling of Astrophysical Flows Around Compact Objects/ 2D Layered Materials for Applications.	M.Sc./Integrated M.Sc. in Physics/ Astrophysics/ Electronics/ Geophysics/Material Science/ Applied Mathematics/ Nanoscience and Technology/ Biotechnology/ Environmental Science and Chemical Science. <b>OR</b> M.Phil./M.Tech. in Solid State Material/ Material Science/ Electronics/ Energy/ Nanoscience and Technology/ Biotechnology/ Environmental Science and Chemical Sciences. <b>OR</b> M.S Astronomy and Astrophysics. <b>OR</b> B.Tech. in Engineering Physics with 80% marks in aggregate or equivalent CGPA.
	Applied Sciences (Mathematics)*	Differential Equations, Harmonic Analysis/ Spectral Graph Theory/ Operations Research, Inventory Modeling, Fuzzy Mathematics and Optimization, Mathematics Modelling.	M.Sc./M.A./M.E./M.Tech. /MS/BS-MS/Integrated M.Sc. degree in Mathematics/ Statistics/ Engineering Mathematics/ Mathematics and Computing/ Applied Mathematics/ Operations Research/ Mechanical Engg./ Industrial Engineering/ Computer Science and Engineering/ Information Technology/any allied subject with 55% marks in aggregate or equivalent CGPA. <b>OR</b> B.Tech. in Mathematics and Computing/any allied subjects 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.
	Applied Sciences (Chemistry)*	Metal-Organic Frameworks, Porous Organic Polymers.	M.Sc. in Chemistry/ Chemical Sciences/ Polymer Chemistry/Polymer Science/ Physics/ Nano Science/ Material Science/ Environmental Science or allied subjects <b>OR</b> M.E./M.Tech. in allied subjects (Chemical Engineering/ Polymer Technology/ Material Sciences/ Environmental Engineering/ Energy etc.)
*Separe	ate PI 1	will be conducted for the short-listed co	andidates for Ph.D. in Applied Sciences

### Table 5.1: Department Specific Criteria for Ph.D. Programmes in School of Engineering

2	Civil Engineering	Geotechnical Engineering/ EnvironmentalEngineering/Transportatio n 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.
3	Computer Science & Engineering	Data mining, Image processing/Computer vision and Geometry/Bioinformatics/ SDN, NFV, IoT/Speech Processing/ NLP/ Pattern recognition/ Machine learning, Computer Vision/ ML, V2X, Tactile internet/ML, Trust and Reputation, EDM/Data Mining/ Network security, Bioinformatics, / CRN, 5g/6G, Optical network, SDN/ Wireless network.	M.Tech. in Computer Science/ I.T./ Electronics or MCA/M.Sc. in Computer Science/ I.T. or 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.
4	Electronics & Communication Engineering	Robotics, Biomedical Signal Processing/Image Processing, Computer Vision, Deep learning based signal and image analysis, Biomedical signal Processing/Bioelectronics/Semiconductor Devices Flexible Electronics/Neuro- engineering, Bioelectronics/ Semiconductor Devices, Simulation and Modeling/Bio-sensors, Quantum Technology/Machine learning for smart Sensing, Sensors/ Sensor and Nanotechnology/ Vehicular electronics, Bio-electronic Devices.	M.E. / M.Tech. / M.Sc. Engg. / M.S. in Electronics/ Communication/ Electronics Design/ Electrical/ Instrumentation/ Control/ Microwave/ Biomedical/ Bioelectronics/ Biotechnology/ Computer Science/ Information Technology. OR M.Sc. in Electronics/ Physics/ Applied Mathematics. MCA with Physics, Chemistry and Mathematics in Bachelor's degree, MBBS with MD/ MS degree. OR 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.
5	Electrical Engineering	Sensor Fabrication for Application in Food Industry, IOT & health monitoring Green Energy Sensor/ Control System, Smart energy system, chaos, IOT, Wastewater Purification/ Renewable Energy, Power System, Electronic Drives, Electric Vehicles/ Power Electronics & Drives Micro grid/ Smart Grid.	ME/M.Tech. in any relevant discipline of Engineering or MBBS with MD/MS or M.Sc. in any relevant Science discipline, or B.E./B.Tech. with 75% marks aggregate orc equivalent CGPA with a valid GATE Score and minimum two recommendation letters from the Institute or University from where B.E. /B.Tech. degree was obtained.

6	Energy	Energy Management, Bio-energy, IoT for Biogas/ Biofuels, Bio-energy, Catalytic transformation of Biofuels, Energy-Environment/ Building Energy, Biomass Energy/ Hybrid energy system, Grid integration, instrumentation and control, waste management/ Fuel Cell, Green Hydrogen, Battery Supercapacitor, Hybrid UAV based air quality monitor/ Solar Energy, Photovoltaic,	M.Sc. / M.E. / M.Tech. degree in Energy Technology/ Energy Management/Energy related Engineering and Technology/ Physics/ Chemistry/Agriculture Allied subjects.
7	Food Engineering and Technology	Functional Foods and Food Chemistry/ Food Packaging, Food Processing waste utilization/ Food process engineering.	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.
8	Mechanical Engineering	Design and Analysis of Heat Exchangers, Thermodynamic modelling and optimization of (i) Solar thermal power and cooling systems (ii) Gas turbine based combined power systems with steam Rankine, organic Rankine and Kalina as bottoming cycles (iii) vapour absorption cooling systems/ Optimum design of Structures and systems using evolutionary algorithms with special emphasis to multi- Objective Combinatorial optimization problems/ Solar Thermal Energy Applications, Drying Technology Including Solar Hybrid Drying, Thermal Energy Storage/ Solar Thermal Energy storage Material Characterization/ Thermal Engineering, Heat Transfer System/ Rehabilitation robotics- Prosthetic Hand, Single Objective and Multi- objective Optimization Facility Layout Problem, Mochetronics/	M.E. / M.Tech. / M.Sc. (Engg.) in Mechanical Engineering or any other relevant Engineering branches including Chemical Engineering and Materials Science Engineering. Or, M.Sc Degree in any relevant discipline with CSIR- UGC JRF/NET Qualified certificate or a valid GATE score. Candidates other than those with M.Sc. Mathematics must have studied Mathematics up to BSc level. Or, B.E. / B.Tech degree 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

	Fulliallues and Social Sciences						
SL. No.	Image: Property of the system       Modern Assamese Literature, Film Studies & Theatre Studies/Translation Studies, Comparative Literature & Ethnic Literature/Assamese Literature & Colonial Assam, Languages of Assam.       Postgraduate in Assam discipline/subjects with the system of the s		Pre-requisite				
1			Postgraduate in Assamese or in any allied discipline/subjects with 55% marks.				
2			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.				
3	Education	Education Technology, Teacher Education, Language Education/ Mathematics Education, Cognitive Science, Blended Learning, E-Content Development, Inclusive Education.	Post Graduate in Education or in any allied discipline/subjects with 55% marks.				
4	English	Material Development Language Policy, Curriculum Design/ Life Writing, Travel Writing, Contemporary British Literature, Translation/ Gender & Literature/ Film Adaption, Indian Literature in English, Popular Culture/ Anglophone South Asian Literature, Indian Writing in English, Ecocriticism / English Language Education.	MA in English (specialization may be in American Literature as well as in English Language Teaching, English Literature, Indian Writing in English, New literature in English and Women's Writing in English).				
5	Hindi	M.A. in Hindi.	Linguistics, Poetry & Journalism/ Fiction & Modern Hindi Literature.				
6	Mass Communication & Journalism	New Media, ICT for Development.	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				
7	Sociology	Development, Migration, Urbanization/ Social Movement, Agrarian Structure/ Tribal Studies/ Development, Governance, Health/ Masculinity Studies/ Agrarian Structure, Rural Livelihood, Gender/ Sociology of Science/ Sociology of Religion, Ritual Studies, Kinship Studies.	Post Graduation in Sociology / Cultural Studies/ Anthropology (with specialization in Social Anthropology) / Economics / History / Political Science / Philosophy / Mass Communication / English / Law / Management/ Social Work.				

### Table 5.2: Department Specific Criteria for Ph.D. Programmes in School of Humanities and Social Sciences

8	Social Work	Social Work & Mental Health, Psychosocial Care in Disaster Management, Street Children, and Application of Social Work Methods/Migration, Rural Development, Social Innovation.	MA in Social Work and allied Social Sciences such as Sociology, Psychology, Rural Development, Development Studies, Law, Public Health, Education and Management.
9	Linguistics & Language Technology	Morphology, Language Description, Documentation and Language Typology	M.A. in Linguistics and Language Technology/M.A. Linguistics/M.A. in allied Subjects

#### Table 5.3: Department Specific Criteria for Ph.D. Programmes under School of Management Sciences

SL. No	Department	Research Areas	Pre-requisite
1	Business Administration	Human Resource Management, Organization Behaviour/ accounting, taxation, social Development Issues/ Tourism Marketing Management/ Finance, Green Finance, Fin Tech, agriculture Finance, Stock Market/ Tourism, Logistic & Supply Chain Management, Intellectual Property Management, Community Conserved Areas.	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.
2	Commerce	Sustainability, Climate Change/ Economic Growth, Financial Development/ Corporate Finance.	1. M.Com., 2. M.A./M.Sc. in Economics, 3. FCA/ FCMA/ FCS.

## Table 5.4: Department Specific Criteria for Ph.D. Programmes under School of

Sciences

SL. No	Department	Research Areas	Pre-requisite	
1	Chemical Sciences	Polymer Chemistry/ water Purification, Theoretical Chemistry/ Organic Synthesis, Computational & Inorganic Chemistry/ Ionic Liquid Based Material, Electrocatalysis/ Molecular Magnetism, Organic Chemistry/ Synthetic Organic Chemistry/ Catalysis/ Physical Chemistry.	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.).	

2	Environmental Sciences	Atmospheric Chemistry/ Air Pollution/ Climate change and forest ecosystem dynamics/ Pollution Biology and Health Entomology/ Plant -Insect Interface/ Indoor Air Pollution, Human Environment Interactions.	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.	
3	3       Image: Second State Stat		M.A. / M.Sc. in Mathematics or M.A./M.Sc. in Statistics with requisite background in Mathematics.	
4			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 above, candidates having consistently good academic record will be preferred.	
5	Physics	High Energy Physics/ Microwave Materials & Devices/ Optoelectronics, Laser Physics/ Nanosciences, Condensed Matter Physics, Multidisciplinary/ Mesoscopic Physics, Quantum Systems/ Neutrino Physics/ Applied Photonics, Biomedical Instrumentation/ Applied Optics & Instrumentation/ Astronomy & Astrophysics/ Materials Science.	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.	

# **Admission Procedure**

### > At TU Portal

- Candidates must first satisfy all the criteria and department specific eligibility before applying for admission into the Ph.D. programmes. Refer to Tables 9.1 9.4 for department specific eligibility criteria for Ph.D. programmes in the four schools.
- Eligible candidates must register themselves and fill in the ACF form available at TU admission portal on or before the last date specified for the purpose.

- Candidates without UGC-(NET/JRF)/UGC-CSIR(NET/JRF)/DBT-JRF/ICMR-JRF/ICAR-NET/GATE/SLET/M.Phil. must appear in the OWEE to be conducted by TUEE Cell at centres in Guwahati and Tezpur. Candidates must give the preference of the examination centers while filling up the form.
- The performance of the candidates in the OWEE will be published on the university web site.
- Only the candidates short-listed in the merit list will be called for a personal interview in the respective department.
- Candidates qualified in the UGC NET-JRF/ UGC-CSIR NET-JRF, UGC/CSIR NET (LS)/ SLET (LS), GATE and M. Phil. degree holders are exempted from appearing in the written test; however, such candidates are still required to register and to fill in the ACF available at TU admission portal on or before the last date specified for the purpose. Further they shall also appear in the personal interview.
- A candidate can only apply for two programmes during the application process.
- Finally selected candidates shall be notified through university website for getting admission into the Ph. D. programme.
- The candidates who have appeared in the qualifying examination, but their results are yet to be declared may be selected provisionally for admission to Ph.D. programme. Such candidates must produce marksheets of the qualifying examination fulfilling the eligibility criteria at the time of admission.
- If a provisionally selected candidate fails to produce the marksheet of the qualifying examination at the time of admission, the seat will be offered to the next eligible candidate from the merit list.

### **Useful Contacts**

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5681	+91-3712-267005
Email: mrinmoy@tezu.ernet.in	Email: registrartu@tezu.ernet.in

# Annexure 1: Prescribe Formats of Important Documents

#### Prescribed Format of OBC (NCL) Certificate/As per Govt. format

# FORM OF CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES APPLYING FOR APPOINTMENT TO POSTS/ ADMISSION TO CENTRAL EDUCATIONAL INSTITUTIONS (CEIs), UNDER THE GOVERNMENT OF INDIA

- i) Resolution No. 12012 / 68 / 93BCC(C) dated 10 / 09 / 93 published in the Gazette of India Extra ordinary Part I Section I No.186 dated 13 / 09 / 93.
- ii) Resolution No. 12012 /9 / 94BCC dated 19 / 10 / 94 published in the Gazette of India Extra ordinary Part I Section I No. 163 dated 20 / 10 / 94.
- iii) Resolution No. 12012 / 7 / 95 BCC dated 24 / 05 / 95 published in the Gazette of India Extra ordinary Part I Section-INo.88dated25/05/95.
- iv) Resolution No. 12012 / 96 / 94BCC dated 9 / 03 / 96.
- v) Resolution No. 12012 / 44 / 96 BCC dated 6 / 12 / 96 published in the Gazette of India Extra ordinary Part I Section I No. 210 dated 11 / 12 / 96.
- vi) vi) Resolution No. 12012 / 13 / 97BCC dated 03 / 12 / 97. (vii)Resolution No. 12012 / 99 / 94BCC dated 11 / 12 / 97.
- vii) Resolution No. 12012 / 68 / 98BCC dated 27 / 10 / 99.
- viii) Resolution No. 12012 / 88 / 98BCC dated 06 / 12 / 99 published in the Gazette of India Extraordinary Part-I Section-I No. 270 dated 06 / 12 / 99.
- ix) Resolution No. 12012 / 36 / 99BCC dated 04 / 04 / 2000 published in the Gazette of India Extraordinary Part-I Section-I No. 71 dated 04 / 04 / 2000.
- x) Resolution No. 12012 / 44 / 99BCC dated 21 / 09 / 2000 published in the Gazette of India Extraordinary Par-I Section-I No. 210 dated 21/09 /2000.
- xi) Resolution No. 1201 5 / 9 / 2000BCC dated 06 / 09 / 2001.
- xii) xii) Resolution No. 12012 / 1 / 2001BCC dated 19 / 06 / 2003.
- xiii) Resolution No. 12012 / 4 / 2002BCC dated 13 / 01 / 2004.
- xiv) Resolution No. 12012 / 9 / 2004-BCC dated 16 / 01 / 2006 published in the Gazette of India Extra ordinary Part I Section I No. 210 dated 16/01/2006.

Shri/Smt./.....and/or his family ordinarily reside(s) in the.

Dated:....

District Magistrate/Deputy Commissioner/Competent Authority Seal

#### NOTE :

- a) The term ordinarily used here will have the same meaning as in Section 20 of Representation of the People Act. 1950.
- b) The authorities competent to issue Caste Certificates are indicated below:
  - District Magistrate/Additional Magistrate/Collector/Deputy Commissioner/Additional Deputy Commissioner/ Deputy Collector/1stClass Stipen- diary Magistrate/Sub Divisional Magistrate/Taluka Magistrate/Executive Magistrate/Extra Assistant Commissioner (not below the rank of 1st Class Stipendiary Magistrate)
  - ii) Chief Presidency Magistrate/Additional Chief Presidency Magistrate/Presidency Magistrate.
  - iii) Revenue Officer not below the rank of Tehsil darand
  - iv) Sub Divisional Officer of the area where the candidate and/or his family resides.

#### Prescribed Format of Sponsorship/ No Objection Certificate for

Ph. D. programme (Format for Sponsorship / No Objection Certificate) (The letter should be typed on the official Letter-Head of the Sponsoring Organization/ Employer/ Principal Investigator and signed by the Head of the Institution/Principal Investigator)

То

Date:

Place:

The Controller of Examinations Tezpur University

Sub: Sponsorship/No objection Certification of Mr./Ms.....for Ph.D. programme at Tezpur University.

Dear Sir/Madam,

Mr./Ms......has been working in this organization/ Project as.....since .....

This organization has no objection to his/her being admitted to the Ph. D. programme at Tezpur University from the session starting from .....as a part time/full time candidate.

The employee will be relieved of his/her duties in the organization to join in the Ph.D. programme if he/she is selected as part time/full time candidate (not applicable to project fellow). The part time candidate will be allowed to stay on the campus for pursuing the course work (only for part time candidate)

Signature

Name		

Official Seal of the employer

1.	Verified by:	
	Signature	.Date
	Name:	Designation

2. Recommended/Not Recommended

Signature: .....

Chairperson, Selection Committee/Head, Department of ...... Date.....

#### (In letter head of the employer) Format for No Objection Certificate (for other than Ph.D. programme)

Place Date Signature of Officer Office: Office Seal

#### (Prescribed format for EWS certificate) Government of...... (Name & Address of the authority issuing the certificate)

#### INCOME & ASSET CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS

Certificate No.\_\_\_ Date:\_\_\_\_

#### VALID FOR THE YEAR

His/Her family does not own or possess any of the following assets\*\*\*:

- i. 5 acres of agricultural land and above;
- ii. Residential flat of 1000sq. ft. and above;
- iii. Residential plot of 100 sq. yards and above in notified municipalities;
- iv. Residential plot of 200 sq. yards and above in areas other than the notified municipalities.

 Shri/Smt./Kumari
 belongs to the
 caste which is not

 recognized as a Scheduled Caste, Scheduled Tribe and Other Backward Classes (Central List)
 caste which is not

Signature with Seal of Office \_\_\_\_\_ Name\_\_\_

Designation \_\_\_\_\_

Recent Passport size attested photograph of the applicant

\*Note 1: Income covered all sources i.e. salary, agriculture, business, profession, etc.

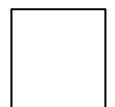
\*\*Note 2: The term "Family" for this purpose include the person, who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years

\*\*\*Note 3: The property held by a "Family" in different locations or different places/cities have been clubbed while applying the land or property holding test to deter- mine EWS status.

#### Prescribed Format of PRC/As per Government Format

#### GOVT. OF ASSAM OFFICE OF THE DEPUTY COMMISSIONER

рното



Seal of the issuing office

Ref Petition No. ....

Date. .....

#### PERMANENT RESIDENCE CERTIFICATE

Certified

son/daughter	of	and		of
Village/Path/Street		under Mauza/Circle	,under	Police station
is the permanent resid	lent of district in the st	ate of Assam (India).		

Seal

Deputy Commissioner