

A BRIEF NOTE ABOUT THE UNIVERSITY

Establishment

Tezpur University was established on January 21, 1994 as per the Tezpur University Act, 1993 enacted by the Parliament. Currently, the University offers 63 carefully chosen academic programmes through 19 departments under the Schools of Engineering, Humanities & Social Sciences, Management, and Sciences. The University also offers 11 programmes under its open and distance mode. With 3300 students, 240 faculty members and 270 administrative and technical personnel, the University today is a hub of quality activities in higher education and research

Location

The 262-acre sprawling campus of the University sits amidst serene surroundings at Napaam, about 15 km east of Tezpur town in the Sonitpur District of Assam. The campus which has been planned to facilitate latest technologies to flourish with the warmth of the Nature, provides for a perfect ambience for pursuit of education and research. The world heritage site of Kaziranga National Park is an hour away from the University and Nameri National Park and Rajiv Gandhi National Park at Orang too are in close proximity.

How to reach

Tezpur is connected by air, rail and road. It is 3.5 hours drive from Guwahati, the capital city of Assam. While air connectivity is available from Kolkata and Guwahati, deluxe bus services (both day and night) are available from Guwahati and other important cities and towns of the region.

ACADEMIC PROGRAMMES CURRENTLY OFFERED

School of Engineering

<i>Department</i>	<i>Programme</i>
Computer Science & Engineering	M.C.A. (Master of Computer Application)
	M.Tech. in Information Technology
	B.Tech. in Computer Science & Engineering
	Ph. D. in Computer Science & Engineering
Electronics & Communication Engineering	M.Tech. in Electronics Design & Technology
	M.Tech. in Bioelectronics
	B.Tech. in Electronics & Communication Engineering
	Advanced Diploma in Healthcare Informatics and Management
	Ph. D. in Electronics & Communication Engineering
Food Engineering & Technology	B. Tech. in Electrical Engineering
	M.Tech. in Food Engineering & Technology (lateral entry)
	Integrated M.Tech. in Food Engineering & Technology
	B.Tech. in Food Engineering & Technology
Mechanical Engineering	Ph. D. in Food Engineering & Technology
	B.Tech. in Mechanical Engineering
	M. Tech. in Mechanical Engineering
	Ph. D. in Mechanical Engineering
Civil Engineering	B.Tech. in Civil Engineering
	Ph. D. in Civil Engineering
Energy	M.Tech. in Energy Technology
	Ph. D. in Energy

School of Humanities & Social Sciences

<i>Department/Cell</i>	<i>Programme</i>
English & Foreign Languages	M.A. in English
	Integrated M.A. in English
	Integrated B.A.B.Ed. (English)
	M. A. in Linguistics and Language Technology
	One year Certificate in Chinese
	Ph. D. in English & Foreign Languages
Cultural Studies	M.A. in Cultural Studies (Modular)
	Ph. D. in Cultural Studies
Mass Communication & Journalism	M.A. in Mass Communication & Journalism
	P.G. Diploma in Mobile & Multimedia Communication
	Ph. D. in Mass Communication & Journalism
Sociology	M.A. in Sociology
	Ph. D. in Sociology
Hindi	P.G. Diploma in Translation (Hindi)
	M. A. in Hindi
	Ph. D. in Hindi
Equal Opportunity Cell	Certificate in Technical Writing
Social Work	M. A. in Social Work

School of Management Sciences

<i>Department</i>	<i>Programme</i>
Business Administration	M.B.A. (Master of Business Administration)
	P.G. Diploma in Tourism Management (PGDTM)
	Certificate in Air Ticketing and Computerized Reservation System
	Ph. D. in Business Administration
Commerce	Integrated M. Com.

School of Sciences

<i>Department</i>	<i>Programme</i>
Physics	M.Sc. in Physics
	M.Sc. in Nanoscience & Technology
	Integrated M.Sc. in Physics
	Integrated B.Sc.B.Ed. (Physics)
	Ph. D. in Physics
Chemical Sciences	M.Sc. in Chemistry
	M. Tech. in Polymer Science & Technology
	Integrated M.Sc. in Chemistry
	Integrated B.Sc.B.Ed. (Chemistry)
	Ph. D. in Chemical Sciences
Mathematical Sciences	M.A./M. Sc. in Mathematics
	Integrated M.Sc. in Mathematics
	Integrated B.Sc.B.Ed. (Mathematics)
	Ph. D. in Mathematical Sciences
Molecular Biology & Biotechnology	M.Sc. in Molecular Biology & Biotechnology
	Integrated M.Sc. in Bioscience & Bioinformatics
	Ph. D. in Molecular Biology & Biotechnology

Environmental Science	M.Sc. in Environmental Science
	Ph. D. in Environmental Science

OPEN AND DISTANCE LEARNING

<i>Department</i>	<i>Programme</i>
Mass Communication & Journalism	M.A. in Mass Communication
	P.G. Diploma in Electronic Media
Sociology	P.G. Diploma in Governance and Development
Hindi	P.G. Diploma in Functional Hindi
Business Administration	P.G. Diploma in Retail Management
	P.G. Diploma Investment Management
	P.G. Diploma in Human Resource Management
Environmental Science	P.G. Diploma in Environmental Management
Mathematical Sciences	M.A. / M. Sc. in Mathematics
Energy	P.G. Diploma in Renewable Energy & Energy Management (REEM)
Computer Science & Engineering	P.G. Diploma in System Management

ADMISSIONS

While the best accepted national tests have been taken for screening students for professional courses, the University admits students to the other PG and some UG courses through its nationwide test called *Tezpur University Entrance Examination (TUEE)* with centres in Agartala, Bangalore, Barpeta Road, Bhubaneswar, Chennai, Delhi, Dibrugarh, Diphu, Guwahati, Hyderabad, Imphal, Itanagar, Jorhat, Kokrajhar, Kolkata, Lakhnow, Mumbai, North Lakhimpur, Patna, Shillong, Silchar, Siliguri and Tezpur.

B.Tech.	<i>Joint Entrance Examination (JEE)</i> conducted by the Central Board of Secondary Education.
M.B.A.	<i>Management Aptitude Test (MAT)</i> conducted by All India Management Association, and <i>Combined Admission Test (CAT)</i> conducted by Indian Institutes of Management.
M.Tech.	<i>Graduate Aptitude Test in Engineering (GATE)</i> and <i>Tezpur University Entrance Examination (TUEE)</i> ;
M.Sc. (MBBT)	<i>Combined Entrance Examination</i> for Admission to M.Sc. in Biotechnology (CEEB) conducted by Jawaharlal Nehru University, New Delhi and <i>Tezpur University Entrance Examination (TUEE)</i> ;
Ph.D.	Tezpur University Ph.D. Entrance Examination.
All Others	<i>Tezpur University Entrance Examination (TUEE)</i> .

The admission notification is normally floated through leading dailies and the University website in January-February. From 2015 onwards, filling and submission of application forms will be done online only. The prospectus for all programmes will be available online at the University website www.tezu.ernet.in The *Tezpur University Entrance Examination (TUEE)* is conducted in May so that the selected students can be admitted in July well ahead of the new session which begins in August.

CENTRES / CELLS

- Chandraprava Saikiani Centre for Women Studies
- Centre for Assamese Studies
- Centre for Inclusive Development (T&PC, EOC, ST/SC Cell)

- Centre for Innovation, Incubation and Entrepreneurship Dev.
- Microsoft Innovation Centre
- Intellectual Property Rights (IPR) Cell
- ONGC Centre for Petroleum Biotechnology
- Bioinformatics Infrastructure Facility
- DBT Nodal Centre
- Internal Quality Assurance Cell
- Sophisticated and Analytical Instruments Centre
- Office for International Affairs

CHAIRS

- MHRD IPR Chair
- Sankardev Chair Professor
- Lokpriya Gopinath Bordoloi Chair

STATE-OF-THE-ART INFRASTRUCTURE

Keeping its fingers at the pulse of the new needs, Tezpur University has been not only updating its course curricula, but also the teaching aides and facilities so that theory and practice go hand in hand buttressed by a world class infrastructure and ambient environs.

Sophisticated & Analytical Instruments Facility

Apart from the state-of-the-art laboratories at the departments, the University has established a *Sophisticated & Analytical Instruments Facility* which currently houses a number of sophisticated instruments such as Single Crystal X-Ray Diffractometer, Atomic Absorption Spectrophotometer, Gel Permeation Chromatograph, High Performance Liquid Chromatography, Powder XRD, Raman Spectrometer, Surface and Pore Size Analyzer, Nuclear Magnetic Resonance, etc. A number of other high-end instruments are being procured.

Modern Library

With its LybSys software, the Central Library serves as the hub of information services apart from being a knowledge centre with 80,000 documents comprising books, theses, journals, conference proceedings, CDs, etc. from the fields of science, engineering, humanities & social sciences, and management. It also provides access to more than 10,000 electronic journals and different types of databases through UGC-Infonet and DELCON Consortium. The Library users can access the documents including e-journals and other e-resources from any terminal within the University campus. Recently, the Library has created a Knowledge Repository, government publication section, special collection sections on Sankardeva and Lakhminath Bezbaruah and a bibliographical database of Ph.D. and Masters' dissertations. The Central Library homepage provides electronic access to various bibliographical databases, e-journals and full-text databases through OPAC (Online Public Access Catalogue) with network access through the campus LAN.

Well-equipped Computer Centre, ICT-enabled Campus

With 152 latest configuration computers spread over three units and supported by high-end servers including SGI-Altix 350 High Performance Computer Server System and a host of latest software packages, the Computer Centre renders all network-related services at TU. The campus-wide Local Area Network (LAN) that runs on a 1-Gigabit backbone covers all academic departments, centres, offices and other facilities. Apart from this, Wireless LAN has also been set-up to extend the LAN connectivity to the hostels and the residential areas with Wi Fi technology. A number of Software Packages developed in-house are extensively used in various processes of the University, such as Online Application System, Examination Result Processing, Financial Accounting, Payroll, Income Tax Management, Employee Information System, etc. The

IP based Telephony System and IP based Surveillance System are also in place. A 70-seater state-of-the-art Video Conferencing facility is dedicated to Online Meetings and Virtual Classes. The Internet facility is being facilitated through the high performance 1Gbps link of National Knowledge Network (NKN) with a backup link of 2Mbps Leased Line through ERNET.

A Fully Residential Campus

All the students are provided residential facility in the hostels equipped with modern facilities such as internet accessibility, indoor games, hygienic cooking and dining facilities, mini gymnasias, mind-freshening front gardens, etc. Twelve hostels including two with single rooms meant for research scholars are in place. Apart from the students, the faculty and non-teaching staff members are also provided residential quarters so that academic pursuits are conducted with minimum breaks. The 62-room 3 star equivalent University Guesthouse with VIP accommodation facilities is the ideal place for a comfortable stay after the day's hard work.

Games and Sports

After dedicating the daytime to class-room and laboratory works, the students are encouraged to play in the evening for which floodlighted playgrounds for football, cricket, basketball, tennis, archery, etc. and a gymnasium with modern equipment are put in place.

Cultural and Literary Activities

The University takes special care to cultivate in the minds of the students their cultural and literary talents. For this purpose, different cultural and literary clubs have been formed. Such activities are mentored by a Cultural Officer and faculty/staff members with relevant experience.

ACADEMIC PROJECTS

The faculty members of the University have been able to acquire a number of projects, particularly, in the recent years from reputed funding agencies/organizations notable among them being UGC-UKEIRI, DST-UKEIRI, DIT, etc. amounting over Rs. 60 crore.

OUTREACH PROGRAMME

While focusing its attention on education and research, the University is also conscious about its duties towards the society at large. With an aim of making contribution to the less privileged sections of the society in its own humble way, the University has created the *Centre for Inclusive Development* comprising the Equal Opportunity Cell, SC/ST Cell and Training & Placement Cell for conducting research, training and development activities mainly on/in topics/areas found to be requiring assistance for development. Towards this end, the University has already adopted a nearby village "Amolapam" and has been rendering emergency services like medical camps at marooned villages during floods. Apart from this, it has been conducting awareness campaigns on various issues such as women and children education, human rights, cleanliness, protecting oneself from dreaded diseases like HIV-AIDS, etc.

INTERNATIONAL COLLABORATIONS

In a significant development of academic collaborations between India and the UK at a university level, Tezpur University has entered into a multilevel collaborative deal with the Queen's University, Belfast, one of the oldest and top ranking universities of the world under which young faculties and research scholars will benefit academically. The collaborative project, which has been approved by the Ministry of Human Resource Development and the University Grants Commission, is for a period of six years. The following are some other international collaborations :

- Department of *Computer Science and Engineering* with *University of Bremen*, Germany.

- Department of *Energy* with the *Department of Chemical Engineering, Abu Akademi University, Finland* in Platform Biofuel.
- Department of *Energy* with the European Union under FP7 (Seventh Framework Programme for Research) in Biomass Research and Biowaste conversion to value added products.
- Departments of *Energy, Mass Communication & Journalism* and *Cultural Studies* with the *University of Nottingham, UK*.
- Department of *Chemical Sciences* with the *University College of London*.
- Department of *English and Foreign Languages* with *International Institute of Social History, Amsterdam, Netherlands*.
- Collaboration with *Yunnan University of Finance and Economics, China*, in process.
- Department of *Physics* with *University of Southampton* under the UK-India Education and Research Initiative (UKIERI).

International Students

- Currently, three international students, one from Sri Lanka and two from Thailand, are studying at the University. With its enhanced international collaborations, the number is likely to multiply in the near future.

ACTIVE CAREER COUNSELING AND PLACEMENT STRATEGIES

The University not only imparts quality education to its students, but also assists them in shaping their careers with appropriate counseling and guidance. For such activities, the University has two dedicated cells – *Training & Placement Cell* and *Equal Opportunity Cell*. Already, its alumni have created a brand in the corporate world with their sincere, honest and professional deliveries.

RECENT DEVELOPMENTS

- The Department of Computer Science and Engineering has been selected by the MHRD, Govt. of India, for establishing a **Centre of Excellence** on *Machine Learning Research and Big Data Analysis* for the period 2014-19.
- The *Centre for International Cooperation in Science* has selected Tezpur University as its Regional Centre for promoting cooperation in science and technology among developing nations.
- The University Grants Commission has established a *Centre for Endangered Languages* at TU making it the Consortium Leader of three centres – the others being at Sikkim University and Rajiv Gandhi University, Arunachal Pradesh.
- Tezpur University has completed the first part of translation of the works of Kalaguru Bishnuprasad Rabha consisting of his literary works including his fiction, into English. The volume has been presented to the family of Kalaguru in a modest function organized in the Council Hall of the University on September 29, 2014. The second part of the project that consists of the historical and political writings of Kalaguru is already half-way done and will be completed in 2015.
- The Bioinformatics Infrastructure Facility (BIF) at the Department of Molecular Biology & Biotechnology has been ranked 5th among the BIF Centres in India in terms of publications in reputed journals in the field of Computational Biology & Bioinformatics.
- The major collaborations that the University inked with national institutions/organizations in the recent past include – those with Numaligarh Refinery Limited (NRL), Oil India Limited (OIL), National Institute of Rural Development (NIRD), etc.
- A delegation comprising students, faculty and the Education Officer led by the Director, International Office visited Yunnan University of Finance and Economics, Kunming, China in order to work out an actionable Memorandum of Understanding.
- A team of officials from the United Nations Organization visited Tezpur University to initiate multilevel collaborations.

- Eminent Social Scientist, Professor Andre Beteille, National Research Professor and Fellow of the British Academy visited the University and delivered a talk on “Universities in the Twenty First Century” under the *Horizon Lecture Series*.
- A plot of land measuring 44 acres has been taken over from the Government of Assam to set up the second campus of Tezpur University at Jonai in the Dhemaji district of Assam.

RECENT ACHIEVEMENTS (STUDENT)

- Nikhil Kumar Mahnot, a research scholar of the Department of Food Engineering and Technology has been selected for the prestigious Fulbright-Nehru Doctoral Research Fellowship for the session 2015-2016. Through this fellowship, Mahnot will carry out research on the topic “Non Thermal Processing of Coconut Water”.
- The Tezpur University quiz team comprising Ashutosh Das (M.Tech, ME), Anubhav Joshi (B.Tech, ME) and Subhasish Dutta (B.Tech, ECE) has been adjudged the national champions in the final leg of *Sweden India Nobel Memorial Quiz* held in the University of Delhi on November 1, 2014.
- A team comprising Kalyani Kaushik (B.Tech., ME) and Ayushman Devraj, (Integrated MA, EFL) has won the North East Leg of “The Great Debate 2014” organized by the British High Commission in partnership with the Debating Society IIT Guwahati during October 16 – 17, 2014. The team will now represent the North Eastern Region in the national competition to be held in New Delhi in November this year.
- Another quiz team of Tezpur University comprising Ashutosh Das (M.Tech, ME) and Vedanta Baruah (M.Tech, ME) won the regional round of the *Mahindra Auto Quotient 2014* (automobile quiz) held at NIT, Silchar in September 2014.
- During the National Youth Festival organized by the Ministry of Youth Affairs, Government of India and the Association of Indian Universities (AIU) at the Kurukshetra University, Haryana during 18 – 22 February 2014, the TU choir bagged the Second Prize while the Quiz team won the Third Prize.
- The Tezpur University team was adjudged the Champion in the *Invitational Inter-University Badminton Tournament* held in May 2014.
- The doctoral thesis of Swarup Roy was adjudged the *Best Doctoral Thesis* in an International Conference (SocPros 2013) organized by IIT Roorkee and the University of California held at IIT Roorkee.
- Shreemoyee Bordoloi of the Department of Chemical Sciences won the First Prize at the *German Water Partnership (GWP) Awards India 2014*.
- Rishabh Sarma of the Department of Mathematical Sciences represented India at the Asian Science Camp held at Nanyang Technological University, Singapore during 24-29 August, 2014 as a member of the Indian delegation comprising 20 promising students of India.
- Anowar Hussain, a research scholar at the Department of Molecular Biology & Biotechnology is carrying out *Advanced Research in Cancer Biology* at the University of Colorado, USA as a Visiting Research Associate. He has also been nominated by the Japan Society for the Promotion of Science (JSPS), Govt of Japan as a JSPS Hope Fellow.
- Rupamoni Thakur, a PhD Scholar of the Department of Molecular Biology and Biotechnology is among the 30 selected students from India who will participate at the ***Lindau Nobel Laureates Meeting 2015***.
- Arindam Khan (B.Tech, CE) along with two students of IIT Hyderabad have been invited to participate in the final round of the *Defi Bouygues Construction Challenge* to be held in Ile-de-France during November 25-28, 2014. His team is among the 20 teams selected worldwide for the finale.

RECENT ACHIEVEMENTS (FACULTY)

- Scripting history for the North East India, Prof. A. K. Mukherjee of the Department of Molecular Biology and Biotechnology has bagged the "National Bioscience Award for Career Development for the year 2013" instituted by the Ministry of Science and Technology, Department of Biotechnology, Govt. of

India. It is noteworthy that Prof. Mukherjee is the first nominee from the North-East India for this prestigious award.

- Prof. Rajpal S. Sirohi, BRLGB Chair Professor, was awarded ‘Distinguished Alumni Award’ by IIT Delhi in November 2013 and was awarded ‘Chandra S. Vikram Award’ by International Society for Optical Engineering (SPIE) USA in February 2014 for his seminal work in Speckle Metrology. He has also been elected *Fellow of the Instrument Society of India* in October 2014.
- The LEGAL ERA, India conferred the "Lifetime Achievement Award in IPR" on Professor Prabuddha Ganguli, MHRD IPR Chair Professor at Tezpur University, at the National IPR Conclave held on August 2, 2014.
- Prof Mihir K. Chaudhuri, Vice Chancellor, who is already a recipient of a number of national and international awards, has been honoured with the *Green Chemistry Institutes Distinguish Honored Lecture Award* by the American Chemical Society.
- Dr Suranjana Barua’s translation of the epochal 19th century Assamese novel *Miri Jiyori* written by Rajanikanta Bordoloi was awarded the first *Pallavi Barua Bhuyan Translation Award* in Guwahati on 27 May, 2014.
- Prof. Ashok Kumar received a Commonwealth Fellowship to carry out research works in the UK during October-December, 2014.
- Prof. S. K. Sinha of the Department of Computer Science & Engineering has been awarded the United States patent US8495744 B2 on “Evaluation of risk of conflict for security solutions integration” co-authored by Paul El Khoury and Azzedine Benameur.
- Prof. A. K. Nath of the Department of Hindi was awarded the *International Hindi Sevi Saraswati Samman* by Abhyuday Bahuddeshiya Sanstha, Wardha, Mauritius in May 2014.
- Dr. Arup Nath, Assistant Professor of Linguistics, has been awarded a UGC-DAAD Exchange of Senior Scientist Fellowship to carry out research at the University of Hamburg and Max Planck Institute of Evolutionary Anthropology, Germany.
- Dr Utpal Bora of the Department of Chemical Sciences has been awarded the *JSPS Bridge Fellowship* by Japan Society for the Promotion of Sciences (JSPS) to work at the laboratory of Medicinal Chemistry, Gifu Pharmaceutical University, Gifu, Japan during December 2013-January 2014.
- Dr. Bipul Sarma of the Department of Chemical Sciences has been selected as Executive Council Member of National Magnetic Resonance Society (NMRS) India for the period 2014-2017.
- Dr. Manish Kumar of the Department of Environmental Science is the recipient of the *Young Scientist Award* (2012-2014) instituted by the Department of Science & Technology, Govt. of India.
- Dr. Biren Das, Registrar, has been selected for the *Fulbright-Nehru International Educational Administrators Seminar 2014-15* to be held in Washington DC, New York and Miami, USA.