

OFFICE OF THE VICE CHANCELLOR
TEZPUR UNIVERSITY
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INSTITUTIONAL ASSESSMENT AND ACCREDITATION (Effective from July 2017)

Accreditation - (Cycle - 4)

PEER TEAM REPORT ON INSTITUTIONAL ACCREDITATION OF TEZPUR UNIVERSITY U-0056

Tezpur
784028

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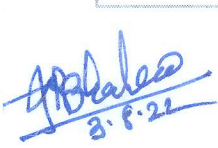
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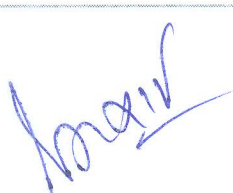
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NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission
P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA

Section I: GENERAL INFORMATION

1.Name & Address of the institution:	TEZPUR UNIVERSITY Tezpur Assam 784028	
2.Year of Establishment	1994	
3.Current Academic Activities at the Institution(Numbers):		
Faculties/Schools:	4	
Departments/Centres:	28	
Programmes/Course offered:	76	
Permanent Faculty Members:	278	
Permanent Support Staff:	267	
Students:	4597	
4.Three major features in the institutional Context (Asperceived by the Peer Team):	1. Sufficient and Well maintained infrastructure required for programmes being run in the university 2. Vibrant students community having respect and pride about the university 3. Promotion and restoration of endangered languages of three states	
5.Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	Visit Date From : 01-08-2022 Visit Date To : 03-08-2022	
6.Composition of Peer Team which undertook the on site visit:		
	Name	Designation & Organisation Name
Chairperson	DR. ANAND BHALERAO	Vice Chancellor,Central University of Rajasthan
Member Co-ordinator:	DR. JAVAID AKHTER	Registrar,AMU ALIGARH
Member:	DR. SAVITA DIXIT	Professor
Member:	DR. TARUN ARORA	Professor,Central University of Punjab, Bathinda
Member:	DR. SUSMITA GHOSH	Professor,Jadavpur University
Member:	DR. ANEESA SHAFI	Professor,University of Kashmir
NAAC Co - ordinator:	Dr. M.S. Shyamasundar	


3.8.22






(Javid Akhter)





Section II: CRITERION WISE ANALYSIS

Observations (Strengths and/or Weaknesses) on each qualitative metrics of the key Indicator under the respective criterion (This will be a qualitative analysis of descriptive nature aimed at critical analysis presenting strength and weakness of HEI under each criteria)

Criterion1 - Curricular Aspects (Key Indicator and Qualitative Metrics(QIM) in Criterion1)	
1.1	Curriculum Design and Development
1.1.1 QIM	Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.
1.2	Academic Flexibility
1.3	Curriculum Enrichment
1.3.1 QIM	Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum
1.4	Feedback System

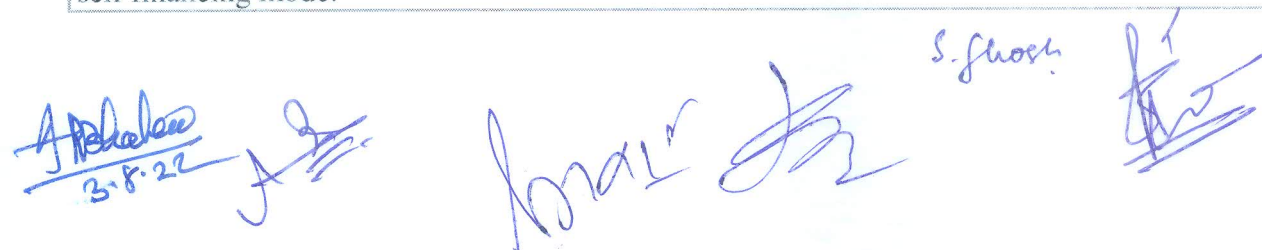
Qualitative analysis of Criterion 1

The University is running 76 programmes including UG/PG and Ph.D through its 4 schools and 23 departments out of which 47 have implemented Choice Based Credit System with academic flexibility. These programmes are designed to address holistic, academic , scientific and technological temperament of learners.

During the period of assessment, the University has made a periodic revision of 60 per cent of the offered programmes, and introduced 383 new courses. Feedback from stake holders has been collected for the same. The university has introduced 21 new value-added courses related to human and social values, professional competence with ethics, consciousness for sustainable development, nation building, environment and disaster management.

The University also offers a Customized Executive Development Programme in Chinese language for the security forces, which is significant in the interest of national security. Curricula allows students to opt 20 per cent of courses from MOOCs.

The university has structured the issues of marginalisation and inclusion in the curriculum in school of social sciences and Assamese culture. Although it is apt to float courses addressing the international and national issues, but there is a dire need of updating the courses to meet the aspiration of the local populace as well. The University could also offer PG programmes in Botany, Pharmaceuticals Sciences, Fine Arts and Ayurveda in self financing mode.

The bottom of the page features several handwritten signatures and dates in blue ink. On the left, a signature is dated '3.8.22'. In the center, there is a large, stylized signature. To the right, another signature is visible, and further right, the name 'S. Ghosh' is written above a signature.

Criterion2 - Teaching-learning and Evaluation (Key Indicator and Qualitative Metrics(QIM) in Criterion2)	
2.1	Student Enrollment and Profile
2.2	Catering to Student Diversity
2.2.1 QIM	The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners
2.3	Teaching- Learning Process
2.3.1 QIM	Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences
2.3.2 QIM	Teachers use ICT enabled tools including online resources for effective teaching and learning process.
2.4	Teacher Profile and Quality
2.5	Evaluation Process and Reforms
2.5.3 QIM	IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution
2.6	Student Performance and Learning Outcomes
2.6.1 QIM	The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents
2.6.2 QIM	Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution
2.7	Student Satisfaction Survey

Qualitative analysis of Criterion 2

The University adopts a merit-based admission process by following UGC guidelines. The teaching-learning process in the University follows a students' centric education to facilitate interactive learning to induce confidence and encourage innovative and critical thinking. The Choice Based Credit System (CBCS) facilitates interdisciplinary learning for students.

Students mentoring system is in place. Its 240 teachers out of 261 (presently 278) in review period have doctoral degree. The student-teacher ratio of the university is 16.5:1. Faculty members of the University have received awards, fellowships etc. from various government agencies and are maintaining the standard of teaching.

University adheres to its Academic Calendar. The University has been following the practice of uploading videos of live recorded lectures, laboratory simulations and reference materials for registered students to make the learning process more effective. Three week induction programme for Engineering students exist. Field visits are undertaken as a part of curriculum for some of the programmes.

The curriculum has well defined POs and COs. In the process of attainment of COs and POs, method of direct assessment has been mentioned. However, no clear idea about indirect assessment has been mentioned. Process required to conduct surveys such as exit survey, employer's survey, peer's survey, parent's survey for indirect assessment has not been mentioned. The entire process of mapping COs, POs and PSOs need further improvements. Placement needs serious reconsideration and efforts.

Arundhan
3.8.22

Pras *S. Ghosh*

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Criterion3 - Research, Innovations and Extension (Key Indicator and Qualitative Metrics(QIM) in Criterion3)	
3.1	Promotion of Research and Facilities
3.1.1 QIM	The institution's Research facilities are frequently updated and there is a well defined policy for promotion of research which is uploaded on the institutional website and implemented
3.2	Resource Mobilization for Research
3.3	Innovation Ecosystem
3.3.1 QIM	Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge.
3.4	Research Publications and Awards
3.5	Consultancy
3.5.1 QIM	Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy.
3.6	Extension Activities
3.6.1 QIM	Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years.
3.7	Collaboration

Qualitative analysis of Criterion 3

University's Research, Innovation and Extension activities are supported with adequate infrastructure such as laboratories, modern equipments and support staff.

Center for Innovation, Incubation and Entrepreneurship, Media Lab exist to support research activity. University has established Sophisticated Analytical Instrumentation Center (SAIC) and two high performance computing clusters to facilitate research activities. SAIC generates limited revenue also. The research and development related activity of the university is monitored by the Dean Research.

A Teaching Learning Center of the university conducts FDP/ refresher courses to promote research. Library is also strengthened with reference books, journal in print and e-form and sufficient data bases to support research activities of faculty and students.

To promote research, the University extends support for maintenance of equipments, consumables etc. Most of the faculties are with Ph.D qualifications. The number of research publications per faculty in five years is 6.85 and that of Ph.D. awarded are 1.85. h-index of the university is 43.5 (as of now, 94).

Three departments are identified as Center of Excellence. UGC-SAP and DST-FIST were awarded to several(13) departments as well. A standard policy for seed grant may be framed.

Center for Innovation, Incubation and Entrepreneurship, IPR Cell etc promote research and innovation. University has been conferred with GYTI award for the last couple of years. University has a Section 8 company to promote incubation.

IIC is registered at the MoE's MIC Portal. Agreement is made to commercialize home-grown technologies. A department has also been identified as a Nodal Technical Institution (under PM FME).

Though various centers have been established, barring a few, output of innovation activities are limited.

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Activities under Unnat Bharat are noteworthy and university should strengthen it. Center of Multidisciplinary Research conducts research relevant to regional/societal needs.

Criterion4 - Infrastructure and Learning Resources (Key Indicator and Qualitative Metrics(QIM) in Criterion4)

4.1	Physical Facilities
4.1.1 QIM	The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.
4.1.2 QIM	The institution has adequate facilities for cultural activities, yoga, games and sports (indoor & outdoor); (gymnasium, yoga centre, auditorium, etc.,)
4.1.3 QIM	Availability of general campus facilities and overall ambience
4.2	Library as a Learning Resource
4.2.1 QIM	Library is automated using Integrated Library Management System (ILMS) and has digitisation facility
4.3	IT Infrastructure
4.3.2 QIM	Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility
4.4	Maintenance of Campus Infrastructure
4.4.2 QIM	There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Qualitative analysis of Criterion 4

The University has adequate and well maintained infrastructure such as classrooms, smart class rooms, laboratories, seminar halls, auditoriums, equipments etc to cater the needs of programmes being conducted .Two recording studios with techonologically latest audio/video equipments are worth to mention .G-Suite for online delivery of lectures, recording of lectures and delivery of e-contents are in place. Campus is wifi enabled and in addition to NKN of 1 Gbps, a seperate leased line of 100 Mbps is available for distribution. Language labs and enough computing facility are available.

Other facilities such as Yoga Centre, health centre,hostels for girls and boys both, faculty quarters, state of the art guest house, central water supply, campus security, canteen etc. in adequate number are available with the university.

University supports cultural need of students with 40 different instruments in music house .

University has well maintained library with adequate infrastructure, books in large numbers, print journals, e journals, e books , old thesis and other learning material. Efficient library management system exists for accession of books. Books are bar coded.

The University has IT policy.

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Criterion5 - Student Support and Progression (Key Indicator and Qualitative Metrics(QIM) in Criterion5)	
5.1	Student Support
5.2	Student Progression
5.3	Student Participation and Activities
5.3.2 QIM	Presence of Student Council and its activities for institutional development and student welfare.
5.4	Alumni Engagement
5.4.1 QIM	The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

Qualitative analysis of Criterion 5

The University has functional student council and its office bearers were available for interaction with NAAC Peer Team. The role and functions of the Students Council were elaborated by the representative of the Council. The administration ensures the participation of the students in decision making at different levels. Besides, there are various clubs to develop the organizing and leadership skills of the students. Through these clubs, the students are provided with the opportunities to learn beyond the class-room by shouldering the responsibilities for team building and event management.

The University has a registered Alumni Association. It has alumni portal on the website. The Alumni portal has features such as TU Alumni Forum, Job Listings/Career Services, Alumni Directory, Events, Contribution, Feedback system to keep the alumni engaged with the University affairs. Alumni and the University related information are regularly updated in the portal. Around 13,000 alumni are registered with the association. The Association is involved in many activities that have been bringing the Alumni of TU closer to the university while engaging them with the students, and uses the Alumni network in strengthening brand TU. However, there is scope for further strengthening of the engagement with alumni.

Alumni supports university in campus/off campus placement/ internships, alumni lectures, and collaborative initiatives including alumni supported community outreach activities etc. .

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Criterion6 - Governance, Leadership and Management (Key Indicator and Qualitative Metrics(QIM) in Criterion6)	
6.1	Institutional Vision and Leadership
6.1.1 QIM	The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance.
6.1.2 QIM	The effective leadership is reflected in various institutional practices such as decentralization and participative management.
6.2	Strategy Development and Deployment
6.2.1 QIM	The institutional Strategic plan is effectively deployed.
6.2.2 QIM	The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.
6.3	Faculty Empowerment Strategies
6.3.1 QIM	The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff .
6.4	Financial Management and Resource Mobilization
6.4.1 QIM	Institutional strategies for mobilisation of funds and the optimal utilisation of resources
6.4.4 QIM	Institution conducts internal and external financial audits regularly
6.5	Internal Quality Assurance System
6.5.1 QIM	Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals.
6.5.3 QIM	Incremental improvements made for the preceding five years with regard to quality (in case of first cycle), Post accreditation quality initiatives (second and subsequent cycles).

Qualitative analysis of Criterion 6

The University has stated its vision as “to develop human excellence and inculcate leadership through hard work and creativity” and the mission as “to render Tezpur University as one of the most preferred destinations of students, faculty, scholars, and employees”. The University follows participatory style of decision making. It follows governance mechanism as prescribed by its Statutes and Ordinances. The University has been following the practice of preparing Perspective / Strategic plan. However, the plan document needs to be placed in desired format.

The staff and students at the University also carryout extension activities.

University signed MoUs with reputed institutions to strengthen its journey towards vision and mission. The University also has Credit Transfer mechanism which needs further strengthening. It has a Centre for Innovation, Incubation and Entrepreneurship (CIIE).

New Departments such as Electrical Engineering, Assamese, and the Department of Foreign Languages and skill based education courses like B.Voc Community College are introduced.

University follows the terms and conditions of appointment and services for teaching and non-teaching employees as notified by the UGC from time to time. University has established a system of rewarding best

performing Non-Teaching employees from MTS level to Group-B officers and awards "Letter of Appreciation" to deserving employees.

In addition to specified grants from the ministry/UGC, University generates revenue by way of receiving fees, guest house charges, charging fees for entry passes etc. and spends according to sanctioned budget. Its teachers also receive research funding from various Govt. and non-Govt. agencies.

University's IQAC is active and has been maintaining proper records. Outcome based (COs/POs) Curriculum framework has also been introduced in all the academic programmes. Attainment of POs, COs and PSOs need major attention.

The University has established one Centre for Innovation Incubation and Entrepreneurship. ERP system too has been established. The University has developed in-house applications for academic, administrative, and financial activities. It has also been making use of the e-SAMARTH portal of the government of India. Sustainable bio-waste management is also seen in practice in the campus.

Criterion7 - Institutional Values and Best Practices (Key Indicator and Qualitative Metrics(QIM) in Criterion7)	
7.1	Institutional Values and Social Responsibilities
7.1.1 QIM	Measures initiated by the Institution for the promotion of gender equity during the last five years.
7.1.3 QIM	Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words) <ul style="list-style-type: none"> • Solid waste management • Liquid waste management • Biomedical waste management • E-waste management • Waste recycling system • Hazardous chemicals and radioactive waste management
7.1.8 QIM	Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).
7.1.9 QIM	Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).
7.1.11 QIM	Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).
7.2	Best Practices
7.2.1 QIM	Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.
7.3	Institutional Distinctiveness
7.3.1 QIM	Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Qualitative analysis of Criterion 7

The University is committed to provide gender neutral atmosphere to its stakeholders. It has its own policy for protection of females against any kind of sexual harassment in addition to the statute. The ICC has been constituted as per the statute and involves representation of stakeholders and NGO. A systematic Standard

Operative Procedure (SoP) and online mechanism is in place. Due diligence is taken to address the false complaints, false production of evidence against any undue humiliation and to sensitize the stakeholders about acts constituting sexual harassment.

Besides, the extension activities carried out by a Centre for Women Studies Centre, Nutrition and Community Action Resource Centre (NCARc) by Department of Social Work, Awareness movements by the Department of Mass Communication and Journalism are quite impressive. However, there is room for improvement in the extension activities to be carried out by the other Departments of the university.

The University has a sound Waste Management System to dispose off the waste of different kinds such as solid waste, liquid waste, bio-medical waste, e-waste.

The University organizes Orientation Programme at the commencement of each academic session wherein the students from diversified backgrounds are sensitized about the rules, regulations of the university and culture of the area. Different Cells to address the concern of marginalized sections, women, minorities have been constituted and are functional.

The University regularly commemorates days of national and international importance.

It is also striving for the preservation and revitalization of the endangered and lesser known languages of Northeast through its Centre for Endangered Languages (CFEL).

Additionally, solar power plant, energy generation from bio-mass, dedicated video conference room, recording studio, sports infrastructure, yoga hall, botanical garden, single use plastic ban, carbon neutral student transportation, bicycle pool for all students and distribution of cycles to EWS girls, water conservation, water recharging demonstrate the exemplary commitment of the University towards optimum and judicious use of resource and Sustainable Development Goals.

Section III: OVERALL ANALYSIS based on Institutional strengths, Weaknesses, Opportunities & Challenges (SWOC) (up to 500 words)

Overall Analysis

Strength:

- Good and well maintained infrastructure required for programmes being run in the university including sports facilities, gymnasium, swimming pool etc is available
- Library with adequate infrastructure, books, journals, e journals, e books
- Qualified and energetic faculty members, conducive environment to excel academically
- Admissions close to the sanctioned intake except in few programmes
- Serious attempt has been made to implement suggestions from PTM s in last accreditation

Weaknesses:

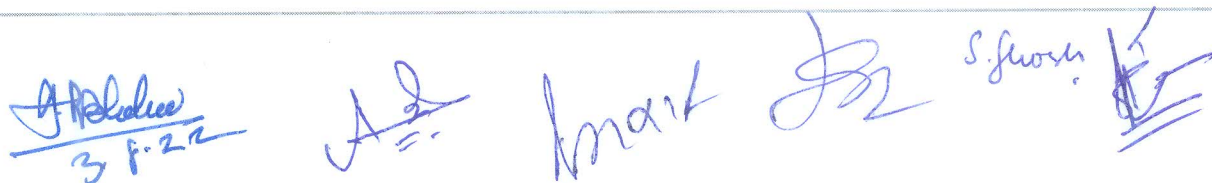
- Poor placement record, especially of non engineering students which is hardly 14.58 percent. Structured efforts are required in this direction.
- Minimal meaningful interaction with the industry observed.
- Absence of strategic plan for utilization of available expertise for enhancing the consultancy work. Most of the work available is of testing category.
- Serious attention towards timely repair and maintenance equipments is required.
- Absence of personality development for students especially from rural background.

Opportunities:

- Extension of expertise available in the university for consultancy and revenue generation activity.
- Explore new avenues of international collaborations in targeted areas of knowledge creation to help economic development of nation.
- Association with the industry in true sense such as industry sponsored laboratories, sponsored projects for PG and Ph.D. students, internships, etc.
-
- Increasing frequency of curriculum upgradation and Addressing the employability of students by way of involving industry experts in curriculum delivery, making internship as integrated part of the course structure, introducing courses such as entrepreneurship, communication skills, practice to aptitude questions, guidance for career and professional practices.
- Implementation of ERP for effective governance
- Parent teacher association for enhanced communication with parents
- Effective implementation of NEP2020 with reference to ABC, MEME, internship embedded PG/UG programmes
- Counselling centre for students and faculty to cater their emotional and sociological needs

Challenges:

- Maintaining itself among top ranked universities with reference to combined metrics of publications, quality of publications, IPR and foot prints of projects and professional practices, number of Ph. D. students graduated, economically and socially challenged students and regional diversity of students.
- Enhancing students enrolment by attracting the best talents at national and international level
- Opportunity for international tie-up to attract post doc research fellows from developing and developed countries
- Initiate research action plan to take the benefits of academic research for community / social development
- To act as academic leaders for developing innovative plans for higher education policies for the nation
- Recruiting of young top class faculty with required specializations.
- Transfer of technologies based on research to industries.
- Developing world-class instrumentation facility with full maintenance.



Section IV: Recommendations for Quality Enhancement of the Institution

(Please limit to **ten major ones** and use telegraphic language) (It is not necessary to indicate all the ten bullets)

- Effective implementation of NEP2020 with reference to ABC, MEME, Internship imbedded PG/UG Programmes
- Efficient system for timely repair and maintenance equipments
- Indoor sports complex with multiple sports facility
- Engagement of Alumni with academic and administrative development of the university
- Special measures may be taken to enhance the perception of the university

I have gone through the observations of the Peer Team as mentioned in this report



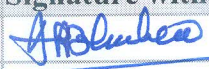





Signature of the Head of the Institution

3-8-2022



Seal of the Institution

कुलपति
तेजपुर विश्वविद्यालय
Vice Chancellor
Tezpur University

Sl.No	Name		Signature with date
1	ANAND BHALERAO	Chairperson	
2	JAVAIK AKHTER	Member Co - ordinator	
3	SAVITA DIXIT	Member	
4	TARUN ARORA	Member	
5	SUSMITA GHOSH	Member	
6	ANEESA SHAFI	Member	
7	Dr. M.S. Shyamasundar	NAAC Co - ordinator	

Place

Date