



Admission  
Prospectus for  
B. Tech & M. Tech

# Triguna Sen School of Technology Assam University, Silchar



2015

# Table of Contents

From The Vice – Chancellor’s Desk.....	1
From Dean TSSOT’s Desk .....	2
About Assam University .....	3
Diphu Campus.....	4
Triguna Sen School of Technology .....	5
Mission.....	5
Objectives .....	6
Department of Agricultural Engineering .....	7
Programmes .....	7
Courses offered (Undergraduate).....	8
Courses offered (Post Graduate).....	8
Courses offered (Ph.D.).....	8
Admission Scheme .....	8
Faculty and Technical Staff.....	9
Department of Computer Science & Engineering.....	10
Academics.....	10
Programmes .....	11
Courses offered (Undergraduate).....	11
Courses offered (Post Graduate).....	11
Courses offered (Ph.D.).....	11
Admission Scheme .....	11
Faculty and Technical Staff.....	12
Department of Electronics & Communication Engineering .....	13
Programmes .....	13
Courses offered (Undergraduate).....	13
Admission Scheme .....	14
Faculty and Technical Staff .....	14
Workshop.....	15

Workshop Staff.....	15
Conference and Seminars .....	16
Upcoming Conference and Seminars .....	16
Academic and Student Service.....	17
Central Library .....	17
Hostels .....	17
Health Centre.....	17
Gymnasium .....	17
Transport .....	17
Computer Centre.....	18
Internet.....	18
NSS Activity .....	18
NCC Training .....	18
Games and Sports .....	18
Student Welfare .....	18
Discipline .....	19
NIAC.....	19
Fellowship .....	19
Placement Cell .....	20
Scholarship .....	20
Internal Quality Assurance Cell (IQAC) .....	21
Few snapshots of the Recent NAAC Visit .....	21
Rules and Regulations .....	22
Important Rules for Guidance of Students.....	23
Fee Details .....	25
Eligibility Criteria .....	27
Admission Test Details .....	30
Important Dates.....	31
FOR ADMISSION ENQUIRY CONTACT.....	32
INSTRUCTIONS TO THE CANDIDATE.....	33
DATES TO REMEMBER .....	33

## From The Vice – Chancellor's Desk

प्रो. सोमनाथ दाशगुप्त

वि.एच.डी., एफएनए, एफएएससि, एफएनएएससि एफटिडब्ल्यूएस  
जे सि बोस फेलो

**Prof. Somnath Dasgupta**

PhD, FNA, FASc, FNASc, FTWAS

J C Bose Fellow



कुलपति

**Vice-Chancellor**

असम विश्वविद्यालय

(एक केन्द्रीय विश्वविद्यालय)

सिलचर 788011 असम, भारत

**ASSAM UNIVERSITY**

(A Central University)

Silchar 788011, Assam, India

May 18, 2015



### From The Vice-Chancellor's Desk

The time for welcoming all those who are seeking admission in various UG/PG courses of TSSOT is a matter of great satisfaction for us. In its previous years the School as well as the University have grown both in terms of social responsibility and intellectual capital leading to academic and economic acceleration of the whole North-Eastern region in general and South Assam in particular.

As we stand here with new vigour and focused conviction of our goal for academic excellence I take this opportunity to enlighten all that the new Choice Based Credit System has been introduced by the University at UG and PG courses of TSSOT. The new system is designed to add dynamism to the learning process by allowing the students to choose courses across the disciplines within school.

Our venture towards excellence is responded to by academicians, students, and their guardians. Each year we are getting an increasing number of applicants for the different course offered by the departments under TSSOT.

I also take this opportunity to wish all the very best to all the candidates seeking admission in various departments under TSSOT for their success in the entrance examination and assure a conducive academic environment for their holistic and pragmatic growth.

TSSOT and Assam University family is committed towards the cause of excellence and I welcome cooperation from one and all in this mission.

*Somnath Dasgupta*

(Somnath Dasgupta)

## From Dean TSSOT's Desk

On behalf of Triguna Sen School of Technology (TSSOT), Assam University, Silchar, I welcome you in the domain of TSSOT. It is a well-known fact that *Engineers* are the building blocks of any nation. Engineers play the most significant role in economic and social growth of the nation.



We are delighted to be a part of that development with the help of all the students, faculties and the staff of the School.

TSSOT is a unique Engineering School within the country having its own autonomous structure within the University environment where a student can get specialized knowledge from the School along with socio-cultural growth from the entire University. The University, having its diversified characteristics, helps the students to become a perfect Indian with the quality of 'Unity among Diversity'.

The School has envisioned developing adequate infrastructure, classrooms, laboratories, Wi-Fi campus within its periphery. The University is providing bus services, health facilities and other necessary services for the students and staff. Also, TSSOT is supported by Technical Education Quality Improvement Programme (TEQIP) phase II by World Bank through MHRD, GOI for the overall development of the School.

TSSOT encourages teaching, training, research and consultancy and Industry-Institute interaction for balanced growth of the students and the staff. TSSOT put its emphasis on confidence building, Industry exposures, enhancing communication skills and personality development through its balanced curriculum designed by the eminent academicians of the country.

We are striving to achieve the excellence in engineering education and research.



Dean, Triguna Sen School of Technology

## About Assam University

Assam University, Silchar (a Central University) was established in January 1994 by an Act of Parliament. The University has been accredited by NAAC with Grade B with a CGPA of 2.94 in 2014.

With the Bhuban and the Barail ranges of hills at the backdrop, the University Campus is surrounded by lush green hillocks, natural lakes and the picturesque tea gardens of South Assam. The inner landscape is featured by sprawling lawns, well nurtured gardens and eco-forests. The serene setting makes Assam University Campus a unique one with exquisite natural beauty which captures viewers' imagination and provides an ideal atmosphere for study and research.

Distance between the main Campus and the Silchar city is about 23 km. Silchar city being the gateway to the entire southern part of North East India is the hub of commercial activities and is known for its history as the Tea Capital of South Assam.

The objectives of the University, as enshrined in Section 4 of Assam University Act, are –

*“to disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit and by the example of its corporate life to make provisions for integrated courses in Humanities, Natural and Physical Sciences and Social Sciences in the educational programmes of the University; to take appropriate measures for promoting inter-disciplinary studies and research in the University; to educate and train manpower for development of State of Assam; and to pay special attention to the improvement of the social, economic conditions and welfare of the people of that state, their intellectual academic and cultural development”*

The sprawling University Campus at Silchar spread over an area of about 600 acres has 36 departments under 16 schools with 6 Interdisciplinary Centres. The University provides state-of-the-art facilities to students coming from different parts of the country and abroad. The current roll strength is around 3600 at the Post Graduate and Integrated Courses including around 1500 M. Phil, and Ph. D at research levels. These apart, there are nearly 20000 students in the 56 affiliated and permitted colleges in the five districts of South Assam which together constitute the jurisdiction of Assam University.

During the last one decade, the University has made impressive strides in establishing itself as a premier institution of learning by blending quality education, socially relevant academic endeavours and scientific research with mission orientation and tireless striving for excellence. Assam University has signed Memorandum of understanding (MOU) with Universities/ Institutes like Hyderabad University, North Bengal University, Pune University, North-East Institute of Science and Technology (earlier RRL), Construction Industry Development Council (under Planning Commission, Govt. of India) in India.

The placement cell in the University provides help and support to the students through campus interview. In recent years, organizations like TCS, WIPRO, IDBI, PRADAN, HSBC etc. have selected many of our students from different departments. University also arranged NET coaching



for students belonging to SC/ST, Minority groups. The University has introduced the new Choice Based Credit System (CBCS) from the Academic Session 2015 -2016 for various PG and integrated courses in the University.

The University campus is fast developing and already endowed with amenities / facilities such as Post Office, Telephone Exchange, Public Call Offices, Bank, Police Outpost, Water Treatment Plants, Electric Substations, Students' Hostels (both Boys' & Girls'), Health Centre, Staff Quarters, Shopping Complex, School, Guest House, Central Library, Auditorium and Parks. In addition other amenities like ATM, Sports Complex, Cafeteria, E-Journals, INFLIBNET, DELCON, Bio-informatics and KIOSK facilities are also available.

## Diphu Campus

Establishment of Assam University Campus at Diphu has been long felt demand of the people of Karbi Anglong, Assam. A satellite campus of Assam University at Diphu has been launched from the Academic Session 2007-08. The authorities of Karbi Anglong Autonomous Council have allocated 272 bighas of land in Diphu-Lumding Road about 8 kms away from Diphu town. The land so allocated has already been taken over by the University and is in the process of construction of boundary wall and other buildings. The campus site is located in a beautiful surrounding of the lush green hills.

There are ten departments in Diphu Campus

- (i) English
- (ii) Political Science
- (iii) History
- (iv) Physics
- (v) Life Science
- (vi) Commerce
- (vii) Assamese
- (viii) Anthropology
- (ix) Hindi
- (x) Geography

A centre on Tribal studies is also operational.

## Triguna Sen School of Technology

The growing influence of technology on all aspects of society has created a large demand for engineering graduates, not only to enter the professional practices of engineering and technology, but also to bring the strengths of engineering and technology education to related fields such as law, medicine, management and Government. Assam University has established Triguna Sen School of Technology in conformity with its commitment to provide students of the region a global opportunity window.

Within a very short span of time, Assam University has made its presence felt in the education map of India. In its relentless pursuit of knowledge, the university has made inroads in the unexplored region of research and higher education. With 36 post graduate departments along with 6 interdisciplinary centres including Triguna Sen School of Technology, the university has already become a favourite destination for students of the Eastern region in general and the North East region in particular.

The university, spread over an area of 600 acres of sprawling lush green hilltop, is home to students from diverse socio-cultural backgrounds. It respects the plurality of tradition and encourages a multicultural approach to human endeavour. The university aspires to develop itself into a premier academic institution having ethos for excellence, where initiatives are nurtured, where new ideas are received in an atmosphere of constructive criticism, where intellectual honesty is the norm and where research is more useful and more economical is always the motivating force. Though situated in a remote part of the country, it has never missed the larger picture and has tried to integrate the regional aspirations into the mainstream of the nation

In consonance with the university's mission to provide support to the people of the region, the engineering courses being offered will strive to generate skilled human resources to help provide cost-effective technical solutions to the people for improving their living conditions.

As the university is aware of its role in the nation-building process, this new school will serve as a technology-based knowledge resource centre in the region. The University desires to be a catalyst in the growth of the North-East region to make it an active contributor to the transformation of the nation into a technological superpower by 2020.

### Mission

The Triguna Sen School of Technology is developed with the belief that education should be both broad and useful, enabling students to participate in **“the humane culture of the community”** and to discover and apply knowledge for the benefit of society, emphasis on **“Experimental Learning”**, and on the value of useful knowledge, is the school's education mission.

Mission of the school is to advance knowledge and educate students in science, technology and other areas of specialization that will best serve the nation and the world in the 21<sup>st</sup> century.



The school is committed to generating, disseminating and preserving knowledge, and to working with others to bring this knowledge to bear on the world's great challenges. The school is dedicated to providing its students with an education that combines rigorous academic study and the excitement of discovery with the support and intellectual stimulation of a diverse campus community.

With this backdrop, the University has reserved 50 per cent of the seats for aspirants from the state of Assam with a view to neutralize the present regional imbalance in terms of density of engineering students.

## Objectives

The objectives are:

- ❖ To create an environment for technological excellence.
- ❖ To provide technological solution to regional and national problem.
- ❖ To ensure world class technical education.
- ❖ To promote R&D keeping in mind the national and regional needs.
- ❖ To evolve appropriate mechanism for the transfer of knowledge to the society.

**Professor Sudipta Roy**  
**Dean, Triguna Sen of Technology**

## Department of Agricultural Engineering

The Department of Agricultural Engineering (established in 2006) offers the courses that deal with the application of engineering principles and scientific technologies for sustainable food production, and all along the food production to consumption chain. The course structure and syllabus of the UG and PG programmes have been designed to create skilled and technically sound human resources to cater the engineering needs of farm mechanization, irrigation and drainage, soil and water conservation, post-harvest processing of crops, value addition, renewable energy and appropriate design and utilization of the aquaculture resources. The laboratory infrastructure has been developed to impart the essential practical knowledge including the application of computers and IT for design, simulation, modelling, remote sensing etc. Two industrial trainings form a part of the UG programme that aims to provide the industrial exposure and enhancement of technical know-how and skills. The Department is actively involved in multi-disciplinary research with projects funded by DST, UGC, MoFPI and NHB.

The Department intends to develop a strong technical manpower to apply the recent technological knowledge to find solutions to the challenges in the fields of agriculture, crop production and processing and value addition. The thrust areas of research of the Department are:

- I. Water Resources Development and Management
- II. Soil and Water Conservation Engineering
- III. Ground Water Hydrology
- IV. Watershed Management
- V. Remote Sensing and GIS
- VI. Aquacultural Engineering
- VII. Renewable Energy Source and Utilization
- VIII. Mechanization of Horticulture Crops
- IX. Waste Recycling and Bi-product Utilization
- X. Farm Implements and Machinery
- XI. Bio-process Engineering
- XII. Tea Processing Technology
- XIII. Food Engineering and Food Industry Management
- XIV. Rainwater Harvesting
- XV. Climate Change and Climate Resilient Agriculture

## Programmes

The Department of Agricultural Engineering offers Undergraduate, Postgraduate and Doctoral programmes in the field of Agricultural Engineering.

## Courses offered (Undergraduate)

<b>B. Tech in Agricultural Engineering</b> <b>Duration: Four years (Eight Semesters)</b> <b>*Intake Capacity: 60</b>	<b>B. Tech in Agricultural Engineering (Lateral Entry)</b> <b>Duration: Three years (Six Semesters)</b> <b>**Intake Capacity: 06</b>
--	--

\*Also as advised by the AICTE 15% of the total seats on supernumerary basis are reserved for foreign nationals/Persons of Indian Origin (PIC)/Children of Indian Workers in Gulf countries.

\*\*Two seats will be kept ear-marked for sponsored candidates and the maximum age of entry will be 40 years with two years of experience in the relevant field. However, in the event of non-availability of sponsored candidates, the seats may be converted into main-stream.

## Courses offered (Post Graduate)

### I. M. Tech in Agricultural Engineering

#### Specializations:

- (i) Farm machinery and power engineering
- (ii) Aquacultural engineering
- (iii) Food process engineering
- (iv) Water resource development and management

**Duration:** Two years (Four Semesters)

**Intake Capacity:** 24 (06 in each specialization)

Five percent of the total seats will be kept ear – marked for sponsored candidates, having two years of experience in relevant field.

## Courses offered (Ph.D.)

The Ph.D. in the Department of Agricultural Engineering is done through research work with mandatory course work of minimum 1 semester. Admission process is as per Assam University norms.

## Admission Scheme

The admission for 75% of the seats (taking 60 as the total number of seats) in the B. Tech programme shall be filled up by Joint Entrance Examination Main (JEE Main) conducted by the C.B.S.E. The total seats are regulated by Central Seat Allocation Board (CSAB) through all India Counselling based on the all India Rank of a candidate in the JEE-Main. **Candidates are advised to follow CSAB instructions.** Moreover Selection for remaining 25% (taking 60 as the total number of seats) of the seats in the B. Tech programme will be filled up through admission test by the School. For M.Tech and B.Tech (Lateral Entry) Programmes all the seats will be filled up through admission test conducted by the school. Please see page no 27 for detailed eligibility criteria for admission into various programmes offered by the department.

## Faculty and Technical Staff

Name	Area of Interest	Designation
<b>Prasanna Kumar G. V. Ph.D.</b>	Farm Machinery and Power, Ergonomics	<b>Professor Head Of the Department</b>
<b>Laxmi Narayan Sethi Ph.D.</b>	Water Resource Development & Management	<b>Associate Professor</b>
<b>Sudipto Sarkar Ph.D.</b>	Irrigation and Drainage Engineering, Aquacultural Engineering	<b>Associate Professor</b>
<b>Ajita Tiwari Ph.D.</b>	Process and Food Engineering	<b>Assistant Professor</b>
<b>Mritunjay Padhiary ## M. Tech</b>	Farm Machinery & Power, Energy	<b>Assistant Professor</b>
<b>Nitin Kumar# M. Tech</b>	Dairy and Food Engineering	<b>Assistant Professor</b>
<b>Avinash Kumar Ph.D.</b>	Aquacultural Engineering, Water Resources Engineering, Soil water conservation	<b>Assistant Professor</b>
<b>Chetan B. Khobragade Ph.D.</b>	Renewable Energy Source and Farm Power	<b>Assistant Professor</b>
<b>Saikat Roy M.Tech</b>	Water Resource Management	<b>Assistant Professor</b>
<b>Anamika Yadav** M.Tech</b>	Aquacultural Engineering, Waste Water management	<b>Assistant Professor</b>
<b>K. R. Jolvis Pou** M.Tech</b>	Food Process Engineering	<b>Assistant Professor</b>
<b>Gajendra Prasad M. Tech</b>	Dairy and Food Engineering	<b>Guest Faculty</b>
<b>Ghanashyam Gogoi B. Tech</b>	Agricultural Engineering	<b>Senior Technical Assistant</b>
<b>Sanjeeb Kr Paul M. Sc.</b>	Food Processing	<b>Technical Assistant</b>

# On leave ## On study leave\*\* On Leave Vacancy

## Department of Computer Science & Engineering

The primary objective of the Department of Computer Science & Engineering formerly named as Department of Information Technology is to offer an environment that encourages to one's potential in academic programmes. Within the ambit of IT Industry, the department shall endeavour to develop newer problem – solving methods and apply these to creative design scenarios in contemporary and emerging technologies.

The Department of Information Technology renamed as Department of Computer Science & Engineering vide EC resolution no EC: 101:04 – 15:24.4 was set up in the academic year 2006-2007 along with the Department of Agricultural Engineering, which offered the first engineering undergraduate course within the University campus. Since its establishment it has climbed victoriously the stairs of excellence and has acquired huge popularity being one of the most preferred academic engineering Institutions in the region of south Assam. In the year 2011, the Department also opened its door to the postgraduate courses. The department has been granted Major Research Projects by DIT& DST, GOI New Delhi.

### Academics

The focus areas of the Department in the intense field of the Computer Science & Information Technology world are most helpful and instrumental in building up our students to face the global IT industry challenges.

The key focus areas of the Department are:

- I. Internet and Web Technology
- II. Mobile Computing
- III. Computer Graphics and Multimedia
- IV. Software Engineering
- V. Database and Information System
- VI. Artificial Intelligence and Soft Computing
- VII. Communication and Signal Processing
- VIII. Quantum computing
- IX. Image Processing
- X. VLSI design
- XI. Network and Information Security
- XII. Natural Language Processing
- XIII. Reversible Computing
- XIV. Information Retrieval
- XV. Network On Chip

## Programmes

The Department of Computer Science & Engineering offers Undergraduate, Postgraduate and Doctoral Programme in the field of Computer Science & Engineering.

### Courses offered (Undergraduate)

<b>B. Tech in Computer Science &amp; Engineering</b> <b>Duration:</b> Four years (Eight Semesters) <b>*Intake Capacity:</b> 60	<b>B. Tech in Computer Science &amp; Engineering (Lateral Entry)</b> <b>Duration:</b> Three years (Six Semesters) <b>**Intake Capacity:</b> 06
--	--

\*Also as advised by the AICTE 15% of the total seats on supernumerary basis are reserved for foreign nationals/Persons of Indian Origin (PIC)/Children of Indian Workers in Gulf countries.

\*\*Two seats will be kept ear-marked for sponsored candidates and the maximum age of entry will be 40 years with two years of experience in the relevant field. However, in the event of non-availability of sponsored candidates, the seats may be converted into main-stream.

### Courses offered (Post Graduate)

#### I. M. Tech in Computer Science & Engineering

**Duration:** Two years (Four Semesters)

**Seat Capacity:** 18

Five percent of the total seats will be kept ear – marked for sponsored candidates, having two years of experience in relevant field.

### Courses offered (Ph.D.)

The Ph.D. in the Department of Computer Science & Engineering is done through research work with mandatory course work of minimum 1 semester. Admission process is as per Assam University norms.

## Admission Scheme

The admission for 75% of the seats (taking 60 as the total number of seats) in the B. Tech programme shall be filled up by Joint Entrance Examination Main (JEE Main) conducted by the C.B.S.E. The total seats are regulated by Central Seat Allocation Board (CSAB) through all India Counselling based on the all India Rank of a candidate in the JEE-Main. **Candidates are advised to follow CSAB instructions.** Moreover Selection for remaining 25% (taking 60 as the total number of seats) of the seats in the B. Tech programme will be filled up through admission test by the School. For M.Tech and B.Tech (Lateral Entry) Programmes all the seats will be filled up through admission test conducted by the school. Please see page no 27 for detailed eligibility criteria for admission into various programmes offered by the department.



## Faculty and Technical Staff

Name	Area of Interest	Designation
<b>Sudipta Roy</b> Ph.D.	Image Processing, Artificial Intelligence, Soft Computing	<b>Professor</b> <b>Dean, TSSOT</b>
<b>Mousum Handique</b> M. Tech	Reversible Computing, Information Processing.	<b>Assistant Professor</b> <b>Head Of the</b> <b>Department (i/c)</b>
<b>Tapodhir Acharjee</b> M. Tech	Automata Theory, Mobile Computing	<b>Assistant Professor</b>
<b>Sourish Dhar</b> M. Tech	Web Technology, OOP Concepts	<b>Assistant Professor</b>
<b>Ajoy Kumar Khan</b> M. Tech	VLSI design, Network Security	<b>Assistant Professor</b>
<b>Abhijit Biswas</b> M. Tech	Databases, Operating Systems, Data Warehousing, Network-on-chip	<b>Assistant Professor</b>
<b>Bhagaban Swain</b> M. Tech	Quantum Computing	<b>Assistant Professor</b>
<b>Arnab Paul</b> M. Tech	Trust & Reputation, Information Retrieval	<b>Assistant Professor</b>
<b>Navajyoti Nath</b> B. Tech	Computer Networks, Database Management System, C.	<b>Senior Technical</b> <b>Assistant</b>
<b>Amit Kumar Deb</b> M. Sc. (CS)	Natural Language Processing	<b>Junior Technical</b> <b>Assistant</b>
<b>Jagannath Nath</b> (On Study Leave) Diploma in ETC Engg.	Digital Electronics, Microprocessor & Micro controllers	<b>Laboratory Assistant</b>
<b>Sanghita Deb</b> B. Sc., DOEACC 'O' level	C Programming	<b>Laboratory Attendant</b>

## Department of Electronics & Communication Engineering

The Department of Electronics and Telecommunication renamed as Department of Electronics & Communication Engineering vide EC resolution no EC: 101:04 – 15:24.4 was established in 2011. The primary objective of the department is to impart quality education and training in the various fields of Electronics & Communication Engineering to meet the requirements of well skilled engineers in the region as well as in the country and abroad. The department offers courses, which are industrial as well as research oriented. The department has a clear vision to provide a vibrant and optimum learning environment to students in order to help them excel in today's competitive environment. To keep pace with the current technological trends, the department has a well-designed, constantly reviewed syllabus to incorporate all advancements in existing and emerging technologies which give students a holistic and pragmatic view of the present scenario of the Electronics and Communication industry.

The primary focus areas of the Department are:-

- I. Basic Electrical & Electronics Components and circuits
- II. Digital Electronics Circuit Design
- III. Digital Electronics Circuit Synthesis
- IV. Analog and Digital Communication Engineering
- V. Design and simulation of Analog and Digital circuits
- VI. VLSI and Embedded System Design with Testing
- VII. Digital Signal Processing & Image Processing

## Programmes

The Department of Electronics & Communication Engineering offers Undergraduate programme in the field of Electronics & Communication Engineering.

## Courses offered (Undergraduate)

<b>B. Tech in Electronics &amp; Communication Engineering</b> Duration: Four years (Eight Semesters) *Intake Capacity: 32	<b>B. Tech in Electronics &amp; Communication Engineering (Lateral Entry)</b> Duration: Three years (Six Semesters) Intake Capacity: 03
---	---

\*Also as advised by the AICTE 15% of the total seats on supernumerary basis are reserved for foreign nationals/Persons of Indian Origin (PIC)/Children of Indian Workers in Gulf countries.

\*\*One (01) seat will be kept ear-marked for sponsored candidates and the maximum age of entry will be 40 years with two years' experience in the relevant field. However, in the event of non-availability of sponsored candidates, the seat may be converted into mainstream.

## Admission Scheme

The admission for 75% of the seats (taking 32 as the total number of seats) in the B. Tech programme shall be filled up by Joint Entrance Examination Main (JEE Main) conducted by the C.B.S.E. The total seats are regulated by Central Seat Allocation Board (CSAB) through all India Counselling based on the all India Rank of a candidate in the JEE-Main. **Candidates are advised to follow CSAB instructions.** Moreover Selection for remaining 25% (taking 32 as the total number of seats) of the seats in the B. Tech programme will be filled up through admission test by the School. For B.Tech (Lateral Entry) Programmes all the seats will be filled up through admission test conducted by the school. Please see page no 27 for detailed eligibility criteria for admission into various programmes offered by the department.

## Faculty and Technical Staff

Name	Area of Interest	Designation
Debaprasad Das Ph.D.	VLSI Design & Emerging Technologies	Professor Head of the Department
Champa Tanga M. Tech	Communication Network and Digital System Design	Assistant Professor
Mariam Jabali Laskar M. Tech	Bioelectronics	Assistant Professor
Tanushree Kalita M. Tech	Communication System and Digital Signal Processing	Guest faculty
Ashim Kumar Mahato M. Tech	VLSI Design & Algorithm, DBMS	Guest faculty
Nitya Nanda Pait M. Tech	Solid State devices, Microwave Engineering, Telecommunication Systems	Guest faculty
Vikash Prasad M. Tech	VLSI Design	Contractual JTA
Pulamani Barman B. Tech	VLSI Design, Digital Signal processing	Contractual JTA
Debamalya Nath B. Tech	Digital Systems	Contractual Lab Assistant
Rima Barua B. Tech	Communication System	Contractual Lab Assistant

## Workshop

The workshop under Triguna Sen School of Technology contains highly sophisticated machines presenting a unique and unparalleled quality. These include Machine Shop, Welding, Fitting, Smithy and Carpentry Shops. The workshop has also Centre Lathes, Turret Lathe, Drilling Machines (sensitive, polar & radial), and Slotting Machine, Grinder Pedestal, Surface Grinder M/C and many other machines.

Prof. Ram Shanker Katheria, Hon'ble Minister of State MHRD, GOI inaugurated the permanent workshop building on 16<sup>th</sup> May 2015.

It has been proposed to include the variety of new and upgraded Machines for the students of the upcoming semesters in the School Workshop which will include Milling Machines (horizontal, vertical & universal), TIG welding set, Wood Turning Lathe, MIG, Sand Reaming Machine, Green Hardness Tester, and Sheet Bending Machine etc. Common workshop classes are held for higher semester of Agricultural Engineering branch. Different project works for the undergraduate as well postgraduate students are also held in the workshop. However, continuous efforts are being made to augment the facilities of the workshop commensurate with the change in technology.

Workshop forms an integral part of the Triguna Sen School of Technology as it is heavily involved in carrying out the manufacturing activities with the help of some sophisticated equipment for the research activities in the school as well as for the undergraduate training on workshop courses for the students throughout the School in every second & third semester. With the assistance of qualified technical staff, undergraduate and postgraduate students are able to carry out the fabrication work for their B.Tech, M.Tech as well as Ph. D. research and thesis works.

## Workshop Staff

Name	Designation
Lalan Prasad Yadav, B. Tech	Workshop Superintendent
Monowar Ahmed Barbhuiya, ITI (Fitting, Machinist)	Fitter
Nurul Amin ITI (Welding, Fitting)	Welder
Nataraj Nath Diploma in Mechanical Engg.	Blacksmith

## Conference and Seminars

TSSOT have organized a national conference and many other seminars and technical workshops to provide a platform to share as well as collect knowledge of recent trends on the field of Engineering and Technology. Some of these events are:

- I. 13<sup>th</sup> Workshop on Computational Information Processing jointly organized by ECS Unit, ISI Kolkata and Department of IT from 3<sup>rd</sup> to 7<sup>th</sup> December, 2012.
- II. 1st National Conference on Research and Higher Education in Information Technology (RHIET-2013) organized by Department of IT on 4<sup>th</sup> and 5<sup>th</sup> February, 2013.
- III. National Robotics Workshop cum Championship ROBOTRYST 2014, organized jointly by Department of ETE in association with TRYST-2014, IIT-Delhi, and Robosapiens Technologies Pvt. Ltd, Noida from 30<sup>th</sup> September to 1<sup>st</sup> October 2013.
- IV. Two Weeks on site training on Geographical Information System (GIS) and Environment for Visualizing Images organized by Department of Agricultural Engineering from 16<sup>th</sup> to 27<sup>th</sup> December, 2013.
- V. Three Days workshop on Advanced Web & Mobile Technologies jointly organized by Department of IT and IPEG Solutions, Kolkata from 26<sup>th</sup> to 28<sup>th</sup> December, 2013.
- VI. Three Days Finishing School for Succeeding in Group Discussions and Personal Interviews jointly organized by Department of Agricultural Engineering and Step Drama Learning Development Pvt. Limited, Pune from 10<sup>th</sup> to 12<sup>th</sup> February 2014.
- VII. One week on site training on MATLAB Fundamentals and Signal Processing jointly organized by Department of Agricultural Engineering and Department of IT from 28<sup>th</sup> April to 2<sup>nd</sup> May, 2014.
- VIII. TEQIP – II sponsored Two Weeks Faculty Development Programme on Effective Teaching organized jointly by Triguna Sen School of Technology and Assam University Teachers' Association, Assam University, Silchar during 14<sup>th</sup> to 25<sup>th</sup> July, 2014.

## Upcoming Conference and Seminars

TSSOT is going to organise an International Symposium in the upcoming academic year, that shall showcase the commitment of the School towards its academic and research endeavour, the details of the conference is listed below:

- I. IEEE International Symposium on Advanced Computing and Communication (IEEE ISACC - 2015) to be held on 14<sup>th</sup> & 15<sup>th</sup> September, 2015 at Triguna Sen School of Technology (TSSOT), Assam University, Silchar, Assam, India.

## Academic and Student Service

### Central Library

The University Central Library was established in 1994. At present the Central Library has a collection of around One Lakh books. It also subscribes to more than 400 Indian and foreign journals. Facilities provided by the Library include reading / lending services, reference service, reprint service, literature search, photocopying, CD-ROM search. Besides these, access to internet is provided to students through 40 terminals. On line access to more than 2000 e-journals under UGC-Infonet, access to IFLIBNET Database service, access to DeLNET Database and Services and OPAC are also provided. The Library remains open from 9.30 am to 7.00 pm on all working days including Saturdays.

### Hostels

There are at present nine hostels in the University campus. The hostels are: four for boys and five for girl having approximately 750 single and shared room accommodation. The Hostels are furnished with basic facilities, Hostel seats are limited and every student may not get the seat in hostel. Availability of seats depends upon the vacancy in the Hostel. A separate Booklet Hostel Boarders & conduct Rules of the Hostel is also available.

### Health Centre

The University Health Centre, managed by experienced Medical personnel including Lady Medical Officer, supported by para-medical staff. The centre caters to the medical needs of the University community. The University is planning to introduce Medical Insurance to each student.

Besides these, health camps are frequently organized in the campus with specialist doctors from Silchar Medical College. University is issuing Health Card to each student for the extending Medical facilities to the students efficiently. In case of emergency, ambulance service is also provided to transfer patients to Silchar Medical College, around 10 km from the campus. However, expenses related to medical emergencies and hospitalization shall be borne by the parents/guardians of the student concerned. The University initiated the process of revamping health centre by procuring equipment like X-ray machine, auto analysis, one more ambulance etc. and setting up of diagnostic laboratory.

### Gymnasium

A well-equipped Gymnasium exists for both gents & ladies. Interested students can enrol their name for availing these facilities.

### Transport

In addition to State Transport Bus service, six buses are also available for the benefit of both student and staff. University provides bus service to the students commuting from Silchar and Haikandi.



## Computer Centre

The Assam University Computer Centre is a central facility to facilitate, foster and support the computing and communication needs of the University fraternity. Students have access to more than 50 computers for their lab or project work. To assist research, there is a range of computing environment available, backed by staff with considerable expertise. Currently, the Computer Centre extends help to different academic departments like Ecology, Mass Communication, Business Administration, Commerce, Social Work, Arabic, Physics, Chemistry, Mathematics, Life Science and Fine Arts, among others, in running theory and practical courses related to Computer Science and computer applications. The Centre has acquired all the latest software/ computers to cater to all types of computing requirements of the research scholars, faculty and students.

## Internet

The school is equipped with one server for providing wireless access to internet throughout the School of Technology. Besides, the school is equipped with up to- date hardware to provide a powerful computing environment.

## NSS Activity

Students are encouraged in participating NSS (National Service Scheme) activities organized by the Programme Officer and Coordinator, NSS Unit of Assam University. NSS is sponsored by the Ministry of Human Resource Development (MHRD) to train the youths in community services.

## NCC Training

The NCC Units in Assam University arrange NCC training for the students of the University - both boys and girls. For enlisting names for NCC training, the contact person will be the Dean, Students' Welfare, Assam University.

## Games and Sports

Since its inception in 1994, games and sports have been one of the important foci of Assam University's endeavour to facilitate all-round development of students' physical and mental abilities. Every year an Annual Social Meet is organized in the University where along with cultural activities indoor and outdoor sports are held. The University is currently a member of the Inter-University Sports Board of India and its teams participate in Zonal and all-India University tournaments bringing laurels and prizes and medals for the University.

The Central Sports-complex which is in the process of coming up is expected to give a major boost to games and sports and to other extra-curricular activities of the students in Assam University.

## Student Welfare

The office of the Dean of Students Welfare looks after the welfare of the students with active support of the representatives of the students, faculty and administration. Student Community Centre has been added from the year 2010 for various students' activities.

For the benefit of the needy and deserving students, the University maintains and operates a Fund called the Assam University Students' Aid Fund which is instituted out of the contribution from the students of the University and collections from other sources. The main objective of the Fund is to render financial assistance to poor and deserving students.

There is a Students' Council in the University which caters to the students' interests and contributes towards the promotion of students' extra-curricular activities. The Students' Council also organizes a week-long social meet every year. During the seven days, the students display their creative talents in the field of sports and other cultural activities.

## Discipline

Each student with respect to his/her work in the course (P.G./Integrated course/ M. Phil/Ph.D./Certificate/Diploma) as well as his/her general conduct in the University, shall remain under the control of the respective School and the Department and shall be guided by the disciplinary code of the University. The Proctor looks after the discipline amongst the students.

A student must have attended a minimum of 75% of the lectures, seminars and tutorials organized by the Department during a semester to be eligible to appear at the end-semester examination.

It is mandatory for the students to keep the irrespctive photo identity card with them while moving within the university campus.

**There is complete ban on ragging in the campus as per order of the Supreme Court of India. As per guidelines, ragging is strictly prohibited inside or outside the university campus. Each student will be required to submit one affidavit as per the format provided by the MHRD at the time of admission. Format is enclosed along with the forms of admission in the prospectus. If any incident of ragging or any other act of gross violation of discipline comes to notice of the authority, the concerned students will be given adequate opportunity to explain and if his / her explanation is not satisfactory he/she will be expelled from the University. It is being informed to all that in the previous academic session two cases of ragging were detected and punishment was accorded to them.**

Also, there is one committee on violence against women and sexual harassment to combat the menace of violence and sexual harassment against women in the campus, if any, and another for looking after the maintenance of discipline and decorum among the students.

## NIAC

Assam University has established a cell for National and International Collaboration (NIAC).

## Fellowship

Assam University provides AUS-UGC fellowship. Students are also encouraged to avail meritorious student's fellowship, ICSSR Fellowship, JRF/SRF, Dr. D S Kothari Fellowship, Rajib Gandhi Fellowship etc.

## Placement Cell

The Placement Cell of the University extends counselling services to all placement aspirants. The Cell's activities include organization of workshops and lectures by corporate professionals and placement consultants and preparation of students' resume / bio-data / curriculum vitae and placement brochure. The Placement Cells in the various departments of the University are currently engaged in developing detailed Employer's Database that would help the students to trace out employment opportunities in India and abroad. Since inception, University students are being offered good placement both in Public and in Private sector. Many companies had participated during last couple of year's placement programme. The Companies include: IDBI Bank, ICICI Bank, TCS, HSBC Global Outsourcing, Stock Holding Corporation of India, Wipro BPO, Tata Motor Finance, Pradan, Capart, Axis Bank and ICICI Prudential Life Insurance Company. Students from almost all the departments have been participating in the placement sessions.

## Scholarship

Following scholarships are applicable for the students who have taken admission in various academic programmes under TSSOT

- I. TEQIP II Scholarship for the students who have taken admission in M. Tech programme in the Departments under TSSOT. The scholarship is strictly subjected to availability of funds and the scholarship rules under TSSOT.
- II. **“ISHAN UDAY”** SPECIAL SCHOLARSHIP SCHEME FOR NORTH EASTERN REGION (Eligibility): Students with domicile of NER who have passed Class XII or equivalent exam from a school situated within NER through any recognized Board of Education, including Central Board of Secondary Education (CBSE), Indian Certificate of Secondary Education (ICSE), National Institute of Open Schooling (NIOS) within NER only, and have secured admission in general degree course, technical and professional courses including medical and Para-medical courses (Integrated courses included) in Universities/Colleges/Institutions recognized by UGC under Section 2(f) of UGC Act, within and outside the States of NER.

**Important Note:** As instructed by the UGC vide letter no F.1-27/2009(SCT), the eligible SC/ST, OBC, and PwD students etc. should submit their scholarship form for the academic year by February, for processing scholarship to SC/ST, OBC, PwD etc. each year.

## Internal Quality Assurance Cell (IQAC)

To act as a nodal agency for coordinating quality related activities, the Assam University has established an Internal Quality Assurance Cell (IQAC) as per UGC - NAAC guidelines in 2008. The cell has Prof. Somnath Dasgupta, Vice Chancellor, as its Chairman and Prof. Asoke K. Sen from Department of Physics as its Director.

Some of the responsibilities that the IQAC has been entrusted which include:

- I. Development and application of quality bench marks/ parameters for the various academic and administrative activities of Assam University.
- II. Facilitating the creation of a learner - centric environment conducive for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process.
- III. Arrangement for feedback responses from students, parents and other stakeholders on quality-related institutional process.
- IV. Dissemination of information on the various quality parameters of higher education.

### Few snapshots of the Recent NAAC Visit



## Rules and Regulations

### CODE OF CONDUCT FOR STUDENTS OF THE UNIVERSITY

- I. Students enrolled at Assam University must recognize their responsibilities to this university, to the teachers, to the officials and to fellow students bearing in mind the prestige and the reputation of the institution. Failure to maintain appropriate standards of conduct, decency and decorum would warrant disciplinary action.
- II. 75% of attendance is compulsory to all the students. A student shall be considered to have satisfied the requirement of attendance for appearing the semester end examination, if he/she has attended not less than 75% of the number of classes held up to the end of the semester including tests, seminars and practical etc.
- III. However, there is a provision for condonation of attendance for the students those who have put up the attendance between 60% and 74% on Medical Grounds on production of medical certificate.
- IV. If a student represents his/ her institution, University, State or Nation in Sports, NCC, NSS or Cultural or any other officially sponsored activities, he/ she shall be eligible to claim the attendance for the actual number of days participated subject to a maximum of 20 days in a Semester based on the specific recommendations of the Head of the Department.
- V. A student who does not satisfy the requirements of attendance shall not be permitted to take internal assessment as well as the Semester end examinations.
- VI. Students should not possess mobile phones/ pagers/ any other electronic device for communication in the class rooms/seminar halls/examination halls/library/any other place of academic interest within the University.
- VII. Any problem related to students must be processed through the DSW or Head of the Departments or Deans of Schools, whose copy may also be forwarded to the Proctor & Students' Council.
- VIII. If Students have grievances, they are to register their grievances through the Grievance Redressal Committee of the University. Students are prohibited from approaching any outside agency regarding their grievances.
- IX. Consequent upon the order of the Hon'ble Supreme Court of India on curbing of Ragging in educational institutions, it has been decided that, if any incident of ragging comes to the notice of the authority, the concerned student shall be given adequate opportunity to explain and if his explanation is not found satisfactory, the authority will expel him/her from the University.

### MISCONDUCT

Student misconduct includes but is not limited to the following:

- I. Disruption of classroom activities or hindering the learning of other students anywhere in the University,
- II. Cheating on assignments or examinations,



- III. Behaviour which interferes significantly with the normal operation of the University, disrupts education, challenges the health or safety of staff or students, or causes disfiguration or damage to the property of the University or belongings of staff members or students.
- IV. Possession and/or use of intoxicating beverages on campus,
- V. Possession of illicit drugs in the campus,
- VI. Falsification of documents or the supply of false information in order to obtain admission, the possession of weapons.
- VII. Failure to return loaned materials to settle debts with the university
- VIII. Disobeying any instructions of any kind issued by the Head of the University, i.e. the Vice Chancellor, or the Head of the Department or any authority empowered by the VC to make decisions regarding matters related to students.
- IX. Bringing the University into disrepute by any action / behaviour / instigation with a proven intention to tarnish the image of the university.

Failure to adhere to the guidelines as above shall invite strict disciplinary action which may lead upto expulsion from the University.

**BESIDES, STUDENTS SHALL HAVE TO ABIDE BY RULES AND REGULATIONS OF THE UNIVERSITY WHICH MIGHT BE ADOPTED FROM TIME TO TIME.**

## Important Rules for Guidance of Students

Conduct, Discipline, Attendance and Evaluation of students of UG and PG courses:

- ❖ Each student, with respect to his/her work in the Course as well as his/her general conduct in the University, shall remain under the control of the School and the Department and shall be guided by the disciplinary code of the university.
- ❖ The students who have passed their qualifying/last examination from other University or Council/Board other than Assam University/ AHSEC must submit Migration/No Objection Certificate in original from concerned University or Council/Board along with the application for registration. There will be an end–semester examination and also continuous sessional evaluation for each course of study. Unless otherwise mentioned for the students enrolled in B.Tech (Lateral Entry), 75% of the total weightage of marks will be assigned to end–semester examination and 25% will be reserved for continuous sessional assessments during the semester. A student shall be required to pass the sessional assessment criterion to be eligible for end–semester examination in each subject/ paper.
- ❖ For the students seeking admission in various UG/PG programmes (Except B.Tech (Lateral entry)), unless otherwise stated, the evaluation process shall be as per the following:

I. No	Type of examination	Marks (100%)	Min pass mark (30%)	Total Pass mark (50%)
1	Internal assessment	20	06	50
2	Mid-term evaluation	30	09	
3	End Semester evaluation	50	15	



- ❖ Continuous evaluation of sessional work will be made on students' performance in (i) tests organized for this purpose by the department and (ii) written assignment and /or seminars, field work and other such activities.
- ❖ The marks awarded for sessional test, as moderated and approved by the Departmental Examination Committee, will be made known to the students within 10 days of the conduct of the test. Students may discuss and seek clarification, if any, about their performance in Sessional Tests from the Head of the Department, who is the ex-officio Chairman of the Departmental Examination Committee, after the declaration of the test results.
- ❖ A student cannot be promoted to next semester without appearing the preceding semester examination. To be promoted to 3<sup>rd</sup> year a student has to clear all the courses of 1<sup>st</sup> year. To be promoted to 4<sup>th</sup> year a student has to clear all the courses of 2<sup>nd</sup> year.
- ❖ Ordinarily a P.G./ U. G. student should complete all courses during the period of four/ eight semesters. However, a student may be allowed to participate in the academic programme up to a maximum of double the duration of concerned course as per rules.
- ❖ No candidate shall normally be allowed to appear at examination of any course more than twice and no candidate shall be allowed to appear in the examination of any course beyond the permitted number of semesters, stated herein before, counted from his/her first admission to the programme.
- ❖ In order to Award for the UG/PG degree under various departments of TSSOT, the rules and regulations framed by the appropriate Board of Study shall be followed.
- ❖ A successful candidate shall be awarded grade on the basis of CGPA (Cumulative Grade Point Average) scoring under the CBCS (Choice Based Credit System) which shall come into force from 2015-2016 session. The details of Regulation for CBCS are available separately.

## Fee Details

Sl No	PARTICULARS	B.TECH	M.TECH
<b>ONE TIME FEE INCLUDE</b>			
1	Admission Fee	500.00	500.00
2	Identity Card	75.00	75.00
3	University Registration fee	300.00	300.00
4	Transportation Charge	3000.00	3000.00
5	Placement Brochure fee	1500.00	500.00
<b>ANNUAL FEE INCLUDE</b>			
6	University Development Fund	1500.00	1500.00
7	Library Fee	500.00	500.00
8	Sports Fee	100.00	100.00
9	Basic Primary Health Service	200.00	200.00
10	Medical Insurance	300.00	300.00
11	Students Co-curricular Fund	200.00	200.00
12	Students Aid Fund	150.00	150.00
13	Alumni Fee	100.00	100.00
14	Magazine Fee	100.00	200.00
15	Study tour/Industry Visit		
16	Laboratory Fee	1000.00	1000.00
17	Computer Lab & Internet Fee	100.00	100.00
18	School Development Fund	5000.00	5000.00
19	Department Development Fund	6000.00	6000.00
20	Fest/Industry Interface Fee	1000.00	1000.00
21	Teaching Materials		

22	Technical Journal Fee		
23	Annual Course Fee	30000.00*	16000.00*
24	Tuitions Fee (monthly @ 200)	2400	2400
<b>REFUNDABLE DEPOSITS</b>			
25	Library Caution Money	1000.00	1000.00
26	Laboratory Caution Money	2000.00	2000.00
<b>Total Payable At The Time Of Admission</b>		57025.00	42025.00
<b>Fee payable for Examination</b>			
1	Examination fee @ Rs. 200.00 per paper up to maximum of Rs. 800.00 per semester	800.00	800.00
2	Mark sheet fee per semester	75.00	75.00
3	Centre Fee	300.00	300.00

**FOR SPONSORED CANDIDATE:\***

**ANNUAL COURSE FEE COMPONENT WILL BE 3 TIMES MENTIONED ABOVE. IN ADDITION TO THE OTHER FEES WILL BE PAYABLE AS APPLICABLE.**

**FOR FOREIGN STUDENTS:**

- 1. FIVE TIMES OF THE TOTAL FEES FOR BOTH B. TECH. AND M. TECH. AS APPLICABLE.**
- 2. FOR ADMISSION OF FOREIGN STUDENTS, THE SCHOOL SHALL FOLLOW THE GUIDELINES ISSUED BY THE ASSAM UNIVERSITY.**

**Note:**

1. Students already registered with this university need not pay University Registration fee as applicable.
2. Late admission fee: As per TSSOT Rules.

## Eligibility Criteria

Programme	Academic Qualification	Age Criteria	Eligible for Admission to Dept.	Scheme of Examination
<b>UG (75% seats)</b>	10+2/ Higher Secondary	As per CSAB guidelines	B.Tech in AE/ CSE / ECE	<b>Joint Entrance Examination Main (JEE Main)</b> conducted by the <b>C.B.S.E.</b> The total seats are regulated by <b>Central Seat Allocation Board (CSAB)</b> through all India Counselling based on the all India Rank of a candidate in the JEE-Main. Candidates are advised to follow CSAB instructions.
<b>UG (25% seats)</b>	10+2/ Higher Secondary who secured <ul style="list-style-type: none"> <li>60% (55% for SC/ST) marks in individual papers of Physics, Chemistry and Mathematics, <i>and</i></li> <li>55% of marks in aggregate (50% for SC/ST)</li> </ul>	Maximum age limit 21 years as on 1 <sup>st</sup> July of 2015.	B.Tech in AE/CSE / ECE	School will conduct the admission test. The question paper will contain questions from Physics, Chemistry and Mathematics and follow the JEE Mains syllabus. In addition to this there shall be questions from General Aptitude and General English.
	10+2/Higher Secondary who secured <ul style="list-style-type: none"> <li>60% (55% for SC/ST) marks in aggregate papers of Physics, Chemistry &amp; Biology/Mathematics, <i>and</i></li> <li>55% marks in aggregate (50% for SC/ST), <i>and</i></li> <li>Pass marks in mathematics as a subject in 10+2 level.</li> </ul>		B.Tech in AE	

<b>UG (Lateral Entry)</b>	10+3/10+2+2/10+2+3 Years Diploma in Agricultural Engg./Civil Engg./Mechanical Engg./Food Engg.or Technology discipline with minimum 60% marks in qualifying diploma.	Maximum age Limits 25 years as on 1 <sup>st</sup> July of 2015.	B.Tech in AE	School will conduct the admission test.
	10+3/10+2+2/10+2+3 Years Diploma in Electronics & Communication Engg./Electronics & Instrumentation Engg./Electrical & Electronics Engg. Or Technology discipline with minimum 60% marks in qualifying diploma.		B.Tech in ECE	School will conduct the admission test.
	10+3/10+2+2/10+2+3 Years Diploma in Computer Science Engg./Information Technology discipline with minimum 60% marks in qualifying diploma.		B.Tech in CSE	School will conduct the admission test.
<b>PG</b>	BE/B.Tech or A.M.I.E degree in Agricultural/ Civil Engg. from a recognized Institute/ or University with minimum of 60% marks(55% for SC/ST)	NIL	M.Tech in Aquacultural Engineering / Water Resource Development and Management under AE.	School will conduct the admission test.  The GATE syllabus shall be followed for the particular subject
<b>PG</b>	BE/B.Tech or A.M.I.E degree in Agricultural/ Mechanical Engg. from a recognized Institute/ or University with minimum of 60% marks(55% for SC/ST)	NIL	M.Tech in Farm Machinery and Power Engineering under AE	School will conduct the admission test.  The GATE syllabus shall be followed for the particular subject.

PG	BE/B.Tech or A.M.I.E degree in Agricultural Engg./ Food Engg./Chemical Engg. or Technology from from a recognized Institute/ or University with minimum of 60% marks(55% for SC/ST)	NIL	M.Tech in Food Process Engg. under AE	School will conduct the admission test. The GATE syllabus shall be followed for the particular subject.
PG	<ul style="list-style-type: none"> <li>BE/B.Tech or A.M.I.E degree in Computer Science &amp; Engineering/ Information Technology/Electronics / Electrical Engg. or equivalent from a recognized Institute/ University with minimum of 60% marks throughout the academic career (55% for SC/ST)</li> </ul> or <ul style="list-style-type: none"> <li>M.Sc. in CS/Electronics/IT/ Mathematics/Physics or equivalent with minimum 60% marks in aggregate throughout the academic career (55% for SC/ST)</li> </ul> or <ul style="list-style-type: none"> <li>MCA with minimum 60% marks in aggregate throughout the academic career (55% for SC/ST)</li> </ul>	NIL	M.Tech in Computer Science & Engineering under the Department of Computer Science & Engineering.	School will conduct the admission test. The GATE syllabus shall be followed for the particular subject

***Reservation of seats for the above mentioned programme shall be provided as per Government of India rules.***



## Admission Test Details

Filled in application form complete in all respects with a non – refundable application fees of Rs. 300/- (Rs. 250/- for SC/ST candidates) **in the form of a Demand Draft/ Bankers' Cheque in favour of Finance Officer, Assam University, Silchar payable at Silchar ( no other mode of payment shall be admissible)** in sealed envelope super scribed **“APPLICATION FOR ADMISSION: B. Tech(Lateral Entry)/M. Tech programme”** should reach the University by **22<sup>nd</sup> June 2015** for both M. Tech & B. Tech (Lateral Entry) programmes, also the filled in application form complete in all respects with above stated Demand Draft/Bankers' Cheque in sealed envelope super scribed **“APPLICATION FOR ADMISSION: B. Tech”** for B.Tech (25% Seats) should reach by **30<sup>th</sup> June 2015** as per the following information:

**Drop Box placed in the Academic Section, Assam University, Silchar Campus or by post addressed to The Registrar, Assam University, P. O. Dargakona, Silchar 788011**

**Admission test** for admission to first semester **M. Tech and 3rd semester B.Tech(Lateral entry)** will be held on **7<sup>th</sup> July, 2015** followed by viva – voce on **8<sup>th</sup> July 2015**. The University will publish the list of eligible candidates on **2<sup>nd</sup> July, 2015** in the respective departments as well as in the university website for appearing in the written test. Candidates appearing in Admission Test are advised to collect their Admit Cards from the departmental office from **3<sup>rd</sup> July, 2015 to 11 AM of 7<sup>th</sup> July, 2015** (No admit cards will be dispatched through post).

**Admission test** for admission to first semester B. Tech (25% seats) will be held on **4<sup>th</sup> August, 2015** followed by viva – voce on **5<sup>th</sup> August 2015**. The University will publish the list of eligible candidates on **24<sup>th</sup> July, 2015** in the respective departments as well as in the University website for appearing in the written test. Candidates appearing in Admission Test are advised to collect their Admit Cards from the departmental office from **31<sup>st</sup> July, 2015 to 11 AM of 4<sup>th</sup> August 2015**. For any assistance candidates may contact Head of the concerned department or Section Officer (Academic), AUS. Phone No. 03842 - 270827 (O).

**Venue:** Venue for Admission Test will be the respective departments of the University. All candidates appearing in the written tests for admission to different programmes of study- are advised to attend personal interview in respective departments on the specified dates.

## Important Dates

- I. Last date of receipt of admission form for B.Tech (Lateral Entry) and M.Tech at University office :**22<sup>nd</sup> June 2015**
- II. Last date of receipt of admission form for B.Tech (25% Seats) at University office :**30<sup>th</sup> June 2015**
- III. Date of publication of list of eligible candidates for written test for admission in B.Tech (Lateral Entry) and M.Tech programmes in various departments of the School:**2<sup>nd</sup> July 2015** and **24<sup>th</sup> July 2015** for B.Tech.(25% seats)
- IV. Issue of Admit Cards to the candidates :**3<sup>rd</sup> July 2015 to 11 AM of 7<sup>th</sup> July 2015** for M.Tech & B.Tech Lateral entry and **31<sup>st</sup> July 2015 to 11 AM of 4<sup>th</sup> August 2015** for B.Tech (25% seats).
- V. Admission test date :**7<sup>th</sup> July 2015** for M.Tech & B.Tech lateral entry and **4<sup>th</sup> August 2015** for B.Tech (25% seats)
- VI. Personal Interview: **8<sup>th</sup> July 2015** for M.Tech & B.Tech lateral entry and **5<sup>th</sup> August 2015** for B.Tech (25% seats).
- VII. Display of list of provisionally selected candidates: 9<sup>th</sup> **July 2015**. M.Tech & B.Tech lateral entry and **7<sup>th</sup> August 2015** for B.Tech (25% seats).
- VIII. Starting date of Admission: 10<sup>th</sup> **July 2015** for M.Tech & B.Tech lateral entry and **11<sup>th</sup> August 2015** for B.Tech (25% seats).
- IX. For list of candidates provisionally selected for admission from waiting list: **21<sup>st</sup> July 2015** M.Tech & B.Tech lateral entry and **18<sup>th</sup> August 2015** for B.Tech (25% seats).

*Any change in schedule will be intimated through University website.*

## FOR ADMISSION ENQUIRY CONTACT

I. LALAN PRASAD YADAV

*ADMISSION COORDINATOR*

**Phone-98599 51336**

II. Mr. Mousum Handique

*HEAD, DEPT. OF CSE*

**Phone-(03842) 270 988 (O)**

III. DR. DEBAPRASAD DAS

*HEAD, DEPT OF ECE*

**Phone-(03842) 270 281 (O)**

IV. DR. PRASANNA G. V.

*HEAD, DEPT. OF AE*

**Phone-(03842) 270 989 (O)**

**OFFICIAL ADDRESS:**

ASSAM UNIVERSITY

DORGAKONA, SILCHAR

ASSAM, PIN: 788011

**Website:** [www.aus.ac.in](http://www.aus.ac.in)

# INSTRUCTIONS TO THE CANDIDATE

1. All entries must be in the candidate's own handwriting and complete in all papers.
2. Put the appropriate tick (✓) mark where applicable.
3. The form should be accompanied by attested copies of the following documents :
  - a) Photocopy of JEE Main Score Card/Certificate.
  - b) Photocopy of Gate Score Card/Certificate ( For M.Tech)
  - c) Mark sheets of all examinations passed.
  - d) Conduct Certificate issued by the Principal of the college/Institution last attended.
  - e) ST/SC/OBC/PH certificate if applicable.
  - f) Certificate of good health from registered medical practitioner
  - g) Certificate from Principal/Gazette Officer regarding intervening period of gap, if any as mentioned in point no. F(III) in the Application Form.
  - h) Migration Certificate (Original) other than Assam University/AHSEC
  - i) Affidavit
4. All the enclosed documents must be attested by Gazette Officer/Principal of the College/School last attended

## DATES TO REMEMBER

Name of the Programme	Start Date of Application	End Date of Application	Issue of Admit Card		Entrance Exam Date (Tentative)	Date of Personal Interview	Display of list of provisionally selected candidates	Starting date of Admission	Display of list of provisionally selected candidates From Waiting List
			Start Date	End Date					
B.Tech (25% Seats) (For AE,CSE & ECE)	21 <sup>st</sup> May, 2015	30 <sup>th</sup> June, 2015	31 <sup>st</sup> July, 2015	11 AM of 4 <sup>th</sup> August, 2015	4 <sup>th</sup> August, 2015	5 <sup>th</sup> August, 2014	7 <sup>th</sup> August, 2015	11 <sup>th</sup> August, 2015	18 <sup>th</sup> August, 2015
B.Tech (Lateral Entry) (For AE,CSE & ECE)	21 <sup>st</sup> May, 2015	22 <sup>nd</sup> June, 2015	3 <sup>rd</sup> July, 2015	11 AM of 7 <sup>th</sup> July, 2015	7 <sup>th</sup> July, 2015	8 <sup>th</sup> July, 2015	9 <sup>th</sup> July, 2015	10 <sup>th</sup> July, 2015	21 <sup>st</sup> July, 2015
M. Tech (For AE & CSE)	21 <sup>st</sup> May, 2015	22 <sup>nd</sup> June, 2015	3 <sup>rd</sup> July, 2015	11 AM of 7 <sup>th</sup> July, 2015	7 <sup>th</sup> July, 2015	8 <sup>th</sup> July, 2015	9 <sup>th</sup> July, 2015	10 <sup>th</sup> July, 2015	21 <sup>st</sup> July 2015

Form No:



*Affix latest Passport size photograph duly attested by the Principal of the School/ College last attended or by a gazette by officer.*

## ASSAM UNIVERSITY SILCHAR

SILCHAR-788011 (ASSAM)

### APPLICATION FORM FOR ADMISSION TO B. TECH/M. TECH PROGRAMMES, 2015-16

Applying for the Program: (please tick the appropriate box)	B. Tech					M. Tech		
	4 Years		3 Years Lateral	AE		AE	CSE	
				CSE				
				ECE				

#### A] Marks obtained in Qualifying Examination

Applying for the Program :

Qualifying Exam	Subjects	Physics	Chemistry	Maths	Comp. Science	Biology	English	MIL	Others	Total
10+2 or equivalent	Total marks									
	Marks Obtained									
2/3 yrs Engineering Diploma	Agricultural/Civil/ Mechanical or Electrical/Electronics/Instrumentation/Telecommunication <b>or</b> Comp. Sc./IT									
	Total marks		Marks Obtained		Percentage					
B.Tech or PG Degree	State Qualification with subject:									
	Total marks		Marks Obtained		Percentage					

#### B] JEE-MAIN Details (For B. Tech Only)

1	Year Of Examination	
2	Roll No.	
3	All India Rank	
4	State Rank (State.....)	

#### C] GATE/ICAR Details (For M. Tech only)

1	Year of Examination	
2	GATE /ICAR Score*	
3	All India Rank	

\*If GATE score Card is valid

### D] PERSONAL DETAILS:

1. Name (in blocks as appears in Matriculation or equivalent certificate)

[illegible]

2. Father's Name (in block letters)

[illegible]

3. Mother's Name (in block letters)

[illegible]

4. Guardian's Name (if father/mother is not alive)

[illegible]

5. Name of Spouse (if candidate is married)

[illegible]

6. Date Of Birth : Date 



 Month 



 Year

7. Sex (tick appropriate box) : Male ☐ Female ☐

8. Nationality : 

--	--	--	--	--	--	--	--

9. Blood Group 

--

10. Category (tick appropriate box) : SC ☐ ST ☐ PH ☐ OBC ☐ GEN ☐

11. Permanent Address:

[illegible]

Police Station:

[illegible]

Mobile, if any:

[illegible]

Email :

12. Correspondence Address :


Police Station:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Mobile, if any

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Email

13. Are you employed? : Yes

☐

No

☐

If yes please mention

(a)Employer's name and address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(b) Monthly Salary (Attach No Objection:Certificate from the employer)

\_\_\_\_\_

14. Have you applied for admission in more :  
then one department?

Yes

☐

No

☐

If yes, please state the name of the departments: \_\_\_\_\_

15. Are you already registered with Assam University?:

Yes

☐

No

☐

If yes, state your Registration No. with year: \_\_\_\_\_  
(Attach a copy)



E] ACADEMIC / OTHER DETAILS:

1. Educational Qualification

Examination	Board/University	Year of Passing	Subjects	Division	% of Marks
SSC (10 <sup>th</sup> )					
HSC (10+2)					
B.Sc/BCA/Diploma					
M.Sc/MCA/BE/ B.Tech/AMIE/ etc.					
Any Other Exam .....					

***\* Please enclose attested copies of all documents in support of educational qualification, date of birth and caste etc.***

2. Other Particulars :

Institution Last Attended:


F] EXTRA CURRICULAR ACTIVITIES

I. Proficiency in Extra Curricular activity, if any

.....

.....

.....

.....

(furnish documentary evidence)

II. Scholarship/Prize/Medals or any other distinction won, if any

.....

.....

.....

.....

(furnish documentary evidence))

## G] ADDITIONAL INFORMATION

I. Were you ever disqualified in your academic career? If so , give details :

.....  
.....  
.....

II. Was any criminal proceeding instituted against you, or were you ever subjected to any disciplinary action? If yes, give details.

.....  
.....  
.....

III. If there is any gap/discontinuity in studies, state the reason (s).

.....  
.....  
.....(furnish documentary evidence)

---

## DECLARATION BY THE CANDIDATE

I,.....  
.....Son/daughter/spouse/ward of Shri/Smti  
.....hereby solemnly affirm that I shall strictly abide by the rules and regulations of the University as amended and enforced from time to time. I also declare that I have carefully read the Prospectus for admission to the B.Tech/M.Tech Programme and I agree to follow the admission procedure in the TrigunaSen School of Technology of Assam University and abide by the instructions issued in this regard by the University or the concerned department from time to time. All the statements made in this application are true and if at any stage subsequent to my admission it is found that I have made an incorrect statement or concealed any fact or used any fraudulent means for securing admission, I shall be liable to such disciplinary action as the University Would deem fit.

Place:

Date:

Signature of the Candidate

---

## DECLARATION BY PARENT/GUARDIAN

I,

.....  
.....Father/Mother/Guardian of Shri/Smti  
.....

State that the above declaration has been made by my son/daughter/ward in presence of me. I declare that I agree to meet that the course fee and all other expenses of my son/daughter/ward in course of his/her perusing the B.Tech/M.Tech Programme and also to pay his/her Hostel dues for the period of his/her stay in the hostel. I shall compensate the University for any Damage caused by him/her in the University or the Hostel.

Place:

Date:

Full Signature of the Parent/Guardian

---

---

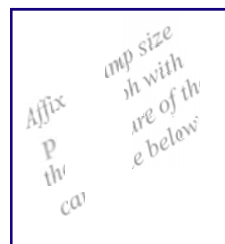
### FOR OFFICE USE ONLY

**THE CANDIDATE IS ADMITTED/REGRETTE TO THE B.TECH/M.TECH COURSE IN  
THE DEPARTMENT OF THE AGRICULTURAL ENGINEERING / ELECTRONICS AND  
COMMUNICATION ENGINEERING/COMPUTER SCIENCE & ENGINEERING.**

(Signature with Date)

Dean, TrigunaSen School of Technology

Application No. :



**ASSAM UNIVERSITY, SILCHAR**  
(A Central University Established by an Act of Parliament)

**Admission Test : 2015**

**To be filled by the candidate**

\_\_\_\_\_  
(Signature of the candidate)

Email Id. \_\_\_\_\_

**ADMIT**

Sri/ Smt/ Kumari : \_\_\_\_\_  
(Name of the candidate)

to the examination for admission to the department of : \_\_\_\_\_  
(Name of the department)

to be held on Tuesday, the July 07/ August 04, 2015 at 12.00 noon

**(FOR OFFICE USE)**

The Roll No. of the candidate is \_\_\_\_\_  
\_\_\_\_\_

Signature of H.O.D.

**NOTE :**

1. This should be properly filled and attached with the application form at the time of submission.
2. Candidate should bring the Admit Card at the time of Written Test.
3. **Issue of Admit Card to Candidates opting for Silchar Campus:** From the respective Department as listed in the prospectus.

**To be executed on non Judicial Stamp Paper of Rs. 20/- and to be submitted at the time of admission.**

**ANNEXURE I AFFIDAVIT BY  
THE STUDENT**

---

- I, \_\_\_\_\_, S/O/ D/O, Mr./ Mrs./ Ms. \_\_\_\_\_, \_\_\_\_\_, having been admitted to \_\_\_\_\_, have received a copy of the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the "Regulations") carefully read and fully understood the provisions contained in the said Regulations.
- I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.
- I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against me in case I am found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
- I hereby solemnly aver and undertake that:
- a) I will not indulge in any behaviour or act that may be constituted as ragging under clause 3 of the Regulations.
- b) I will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.
- I hereby affirm that, if found guilty of ragging, I am liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against me under any penal law or any law for the time being in force.
- I hereby declare that I have not been expelled or debarred from admission in any institution in the country on account of being found guilty of abetting or being part of a conspiracy to promote ragging; and further affirm that, in case the declaration is found to be untrue, I am aware that my admission is liable to be cancelled.
- Declared this \_\_\_\_\_ day of \_\_\_\_\_ month of \_\_\_\_\_ year \_\_\_\_\_

\_\_\_\_\_  
*Signature of deponent*

Name:  
Adress:

Telephone No. :  
**VERIFICATION**

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at \_\_\_\_\_ on this the \_\_\_\_\_ of \_\_\_\_\_, year \_\_\_\_\_

\_\_\_\_\_  
*Signature of deponent*

Solemnly affirmed and signed in my presence on this the \_\_\_\_\_ of \_\_\_\_\_, \_\_\_\_\_ after reading the contents of this affidavit.

**OATH COMMISSIONER**

**To be executed on non Judicial Stamp Paper of Rs. 20/- and to be submitted at the time of admission.**

**ANNEXURE I AFFIDAVIT BY  
PARENT/GUARDIAN**

---

- I, Mr./Mrs./Ms. \_\_\_\_\_, (full name of parent/ ) father/mother/guardian of, \_\_\_\_\_, who has been admitted to \_\_\_\_\_, have received a copy of the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the "Regulations") and I have carefully read and fully understood the provisions contained in the said Regulations.
- I have , in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.
- I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against my ward in case he/she is found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
- I hereby solemnly aver and undertake that:
- a) My ward will not indulge in any behaviour or act that may be constituted as ragging under clause 3 of the Regulations.
- b) My ward will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.
- I hereby affirm that, if found guilty of ragging, my ward is liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against my ward under any penal law or any law for the time being in force.
- I hereby declare that my ward have not been expelled or debarred from admission in any institution in the country on account of being found guilty of abetting or being part of a conspiracy to promote ragging; and further affirm that, in case the declaration is found to be untrue, I am aware that the admission of my ward is liable to be cancelled.
- Declared this \_\_\_\_\_ day of \_\_\_\_\_ month of \_\_\_\_\_ year \_\_\_\_\_

Name:  
Adress:

\_\_\_\_\_  
*Signature of deponent*

Telephone No. :

**VERIFICATION**

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at \_\_\_\_\_ on this the \_\_\_\_\_ of \_\_\_\_\_, year \_\_\_\_\_

\_\_\_\_\_  
*Signature of deponent*

Solemnly affirmed and signed in my presence on this the \_\_\_\_\_ of \_\_\_\_\_, \_\_\_\_\_  
after reading the contents of this affidavit.

**OATH COMMISSIONER**