



GAUHATI UNIVERSITY INSTITUTE OF SCIENCE AND TECHNOLOGY

GOPINATH BARDOLOI NAGAR: GUWAHATI-781014 :: ASSAM

website: www.gauhati.ac.in

B.Tech and B.Tech (Lateral) Admissions 2026-27



Academic
Excellence



Innovation
Driven



Future
Ready



Holistic
Development



Trusted
Legacy

All B.Tech and M.Tech Programmes are approved by AICTE, and an updated extension of approval for 2026-27 has been granted vide letter no.: F.No.Eastern/1-46224701405/2026/EOA
Dated 16th March 2026



MESSAGE

Gauhati University Institute of Science and Technology is one of the premier academic institutes renowned for its commitment to excellence in science, technology and innovative research. The institute boasts of state-of-the-art infrastructure, smart classrooms and well-equipped laboratories designed to provide the students an immersive learning and research experience.

GUIST has a team of highly qualified and accomplished faculty members who actively nurture and promote scientific inquiry, industry-oriented learning and cutting-edge research. With its unwavering dedication to quality education, hands-on laboratory training, industry interaction and interdisciplinary learning, students develop knowledge, skills and confidence to meet the challenges of a rapidly growing technological landscape of Artificial Intelligence. GUIST will continue to produce the human face of technology as future scientists, professionals and innovators who can contribute to evolving think-tanks.

The institute offers a carefully curated range of courses developed through extensive research, academic deliberations and industry-oriented planning. Aspiring students can pursue diverse scientific and interdisciplinary fields for building a strong foundation for innovation and professional excellence.

It is, therefore, my great pleasure to invite students and research scholars to take part in the outstanding learning experience of GUIST.

Date: 29. 06. 2026

Vice Chancellor
Gauhati University

The Gauhati University Institute of Science and Technology

The Gauhati University Institute of Science and Technology (GUIST) was established on the Gauhati University campus in 2009 to enhance the quality and innovation in Science and Technology education in the North East region of the country. The main objectives of the Institute are:

1. To offer a holistic approach to the study of Science and Technology subjects and to provide need-based, innovative courses to help students of Assam and the Northeast India, so that they can be adequately equipped to obtain dignified employment.
2. To create and nurture a state-of-the-art environment for the systematic, in-depth, and concerted study of science and technology at undergraduate, post-graduate, and research levels to provide quality education to the aspiring youth of this part of the country.
3. To provide an integrated launch pad for generating the know-how and know-why, and imparting the knowledge to use science and technology as a means of development and social change.
4. To embed science and technology and managerial practices as an extension of the curriculum for providing the skills to students to adopt entrepreneurial ventures as a means of employment generation in this part of the country.
5. To facilitate state-of-the-art infrastructure for imparting basic science and technology education and thereby evolve as a credible platform for developing mindsets for innovation and triggering a passion for change.

For the current Academic Session 2026-27, four-year B.Tech programmes are being offered in the following branches:

- **Biotechnology (BT)**
- **Electronics and Communication Engineering (ECE)**
- **Robotics and Artificial Intelligence (R&AI)**

Along with the above **B.Tech programmes**, **two-year M.Tech programmes** as well as **PhD programmes** are also offered in the respective departments.



Courses of the B.Tech Programmes are taught within a credit-based semester system governed by the regulations of the semester system and choice-based credit system following the National Education Policy (NEP)-2020 curriculum framework at the University. For the B.Tech. Programmes, students are required to study common courses on the fundamentals of Physics, Chemistry, Mathematics, Biology, Computational Skills, Communications, Workshops, and Laboratory work during the first year, and humanities, science, and management courses during the other semesters of the programme along with the departmental courses. Such a requirement is multidisciplinary in its approach and will provide students in this region with adequate exposure to the knowledge and skills essential for quality research. As per NEP-2020, the courses of B.Tech. programme has been redesigned.

Admission Process



Fig.1: GUIST

The admission process for B.Tech and B.Tech (Lateral) programme offered at Gauhati University Institute of Science and Technology for the session 2026-27 is in process.

The B.Tech admission will be in the following two modes:

1. For **B.Tech in ECE and R&AI**, a maximum 20% of total seats will be filled from JEE (Main)-2026 qualified candidates. Counseling for candidates seeking admission to GUIST based on JEE (Main) 2026 Rank will be held at GUIST. The counseling schedule will be posted on the GU website. The remaining 80% seats will be filled from the CEE (Assam)-2026 counseling to be conducted by the GUIST as per the schedule to be notified on the GU website.
2. In case of **B.Tech in Biotechnology**, 50% of seats will be filled up through entrance test to be conducted by the concerned department, and from the remaining seat 20% seats will be from JEE (Main)-2026 and 80% seats from CEE (Assam)-2026 qualified candidates.
3. Candidates with a valid PRC of Assam only can apply for admission.

There is an online application form available at www.gauhatiadmission.samarth.edu.in; <https://admissions.gauhati.ac.in/>. The last date for submitting the application will be mentioned on the application form. The list of eligible candidates to appear in counseling will be notified on the GU website and the SAMARTH portal after the last date of application. Interested candidates are asked to regularly visit the GU website for further updates.

For **B.Tech (Lateral) - 2026**, admission will be through counseling based on JLEE-2026 Rank. For details, please visit the GU website to get further updates. The admission criteria and relaxation of marks in the qualifying examination will be as per the JLEE (Assam) 2026 norms and the AICTE Approval Process Handbook 2024-2027.

Courses offered by GUIST

Programme	Branch	Eligibility	Admission criteria
B.Tech (4 yrs)	Biotechnology,		As per CEE (Assam) - 2026 marks/rank and JEE (Main) - 2026 marks/rank
	Electronics & Communication Engineering,	As per CEE (Assam) - 2026 and JEE (MAIN) - 2026 norms	
	Robotics and Artificial Intelligence		
B.Tech (Lateral entry to 2nd year) *	Biotechnology	3-year Polytechnic Diploma or equivalent/ B.Sc. in relevant branch	As per JLEE (Assam) - 2026 rank/mark in the relevant branch
	Computer Science and Engineering	3-year Polytechnic Diploma in the concerned/relevant branch	
	Information Technology		
	Electronics and Communication Engineering	3-year Polytechnic Diploma or equivalent in the concerned/relevant branch	
	Robotics and Artificial Intelligence	3-year Polytechnic Diploma or equivalent in the concerned/relevant branch	
* Candidates with B.Sc must have Mathematics at (10+2) level and as per AICTE approval process handbook 2024-2027			

Intake

Branch	No of seats
B.Tech in Biotechnology	30
B.Tech in Electronics and Communication Engineering	40
B.Tech in Robotics and Artificial Intelligence	30
For B.Tech. (Lateral Entry) number of seats is as per AICTE guidelines and will be notified at the time of admission.	



Fig.2: Classroom 1 of GUIST

Reservation of Seats: The reservation of seats will be as per the provisions of Gauhati University as well as the Government of Assam Rules. The relaxation of marks in the qualifying examination will be as per CEE (Assam) – 2026 norms and the AICTE approval process handbook 2024- 2027.

Reservation for Permanent residents of Assam	
Scheduled Caste	7%
Scheduled Tribes (Plains)	10%
Scheduled Tribes (Hills)	5%
O.B.C./ M.O.B.C.	27% (including special reservation for Ahom, Tea Garden, Koch Rajbongshi, Chutia, Moran, and Motak)
Economically Weaker Section (EWS)	10% in each branch
Differently abled persons	1 seat in each branch
Employee quota *	1 seat in each branch as supernumerary
Ex-employee**	Total 1 seat, including all branches, as supernumerary
Fringe Village (Garigaon / Sadilapur / Katia Dalang / Sundarbari)**	Total 1 seat, including all branches, as supernumerary
Extra and Co-Curricular **	Total 1 seat, including all branches, as supernumerary
NCC **	Total 1 seat, including all branches as supernumerary
NSS **	Total 1 seat, including all branches as supernumerary
**Additional prescribed forms for these categories (GU Employee, EC, and Fringe Village) are available at the Gauhati University website, and the filled-up form needs to be submitted to the GUIST office on or before 20th July, 2026 , during office hours. Reservation under these categories shall be governed strictly in accordance with the prevailing rules and regulations of Gauhati University. **Allocation of branches under these categories will be according to CEE (Assam) - 2026 rank	

Other Reserved Seats:

7 seats in the B.Tech program are reserved for other North Eastern states: 1 seat for each state in the North East other than Assam. Candidates seeking admission under this category must contact the respective Directorate of Higher Education / Technical Education of the state.

The seat matrix for the NE states for the current session is as follows,

NE state	Branch	No of seat
Arunachal Pradesh	Electronics and Communication Engineering	1
Tripura		1
Manipur		1
Mizoram	Biotechnology	1
Meghalaya		1
Nagaland	Robotics & Artificial Intelligence	1
Sikkim		1



Fig. 3: The GUIST Library

An International student seeking admission in the B.Tech programme will be admitted on a super numeric basis in different branches. Details of this category are available at the GU website.

Documents to be submitted at the time of admission:

Self-attested copies of the following documents are required to be submitted at the time of admission:

- Admit card/ score card of CEE(Assam)- 2026/ JEE(Main)-2026
- Permanent Residence Certificate (PRC) of Assam
- HSLC (10th std.) pass certificate/Admit Card as proof of age
- Higher Secondary (10+2) pass certificate
- Mark sheet/ Grade sheet of HSLC (10th std.) examination
- Mark sheet/ Grade sheet of Higher Secondary (10+2) examination
- Caste certificate for SC/ST/OBC etc. candidates from the appropriate authority as approved by the Government of Assam (OBC NCL certificate is mandatory for OBC category as per GU rule)
- Mark sheet/ Grade sheet and certificate of diploma exam for B.Tech Lateral Entry
- Appropriate documents for applying to the other reserved categories
- Gap certificate wherever applicable

Hostel Facilities: Hostel accommodation will be allotted strictly subject to the availability of seats and in accordance with the prevailing hostel admission rules of the University. Admission to the B.Tech programme shall not, by itself, confer any right or guarantee of hostel accommodation.



Fig.4 & 5: GUIST Seminar Hall



Admission Procedure

Programme	Procedure			
B.Tech	Admission based on JEE (Main) -2026 Score / Rank	Admission: on allotment of the seat from the counseling conducted by	The date of admission / counseling will be notified on the GU website.	Venue Admission desk at GUIST
	Allotted students based on CEE (Assam) -2026 Score / Rank	GUIST, deposit the admission fee after verification of documents at GUIST		
B.Tech Lateral Entry	Allotted students based on JLEE-2026 Score / Rank	Admission: on allotment of a seat, a deposit admission fee after verification of documents at GUIST	The date of counseling/ admission will be notified on the GU website	https://gauhati.ac.in All further updates will be notified on the website only
Applications for other reserved categories (GU employee, Fringe Village, Extra and Co-curricular activities) etc. are to be submitted at the office of the GUIST within 20th July, 2026				

Fee structure for B.Tech Programme

Sl.	Fee Head	B.Tech	
		Odd Sem.	Even Sem.
1	Admission Fee (Annual)	₹ 4,840.00	--
2	I Card Fee (Annual)	₹ 130.00	--
3	Library Card Fee (Annual)	₹ 130.00	--
4	Library Fee (Annual)	₹ 850.00	--
5	Student Welfare Fee (Semester)	₹ 610.00	--
6	Course Fee (Semester)	₹ 18,150.00	₹ 18,150.00
7	Laboratory Fee (Semester)	₹ 1,815.00	₹ 1,815.00
8	Exam Fee (Semester)	₹ 1,455.00	₹ 1,455.00
9	Utility Fee (Annual)	₹ 1,000.00	--
Total:		₹ 28,980.00	₹ 21,420.00

**** An application fee of ₹1,000/- should be paid by the selected candidates at the time of admission, along with the requisite admission fee.**

General Information and Rules:

1. No student shall be admitted to any programme of study if he/she is found to have indulged in activities detrimental to academic interest.
2. No student will be admitted to more than one course in the same shift.
3. A student who is found to violate the University rules shall be liable for expulsion.
4. If a student's involvement in any incident of ragging comes to the notice of the authorities, such a student will be given an opportunity to explain, and if his/ her explanation is not found to be satisfactory, that student will be expelled from the University.

5. A student who is found to have indulged in the consumption of drugs or intoxicating drinks, gambling, and other unsocial activities shall be liable for expulsion.
6. Students admitted to various courses of studies are required to participate in instructions (Lectures, tutorials, seminars, laboratory works, and other academic activities) as prescribed in the relevant Regulations and shall be expected to participate in the Co-curricular and Extra Curricular activities organized by the Department or by the University. They are expected to appear in the examination at the end of the course. Students who fail to do so without providing sufficient reasons to the satisfaction of the competent authority shall not be permitted to continue their studies in the following year.
7. Attendance in classes is compulsory. To be eligible to sit for the Examinations as a regular candidate, students should have at least 75% attendance at lectures (separately for theoretical and practical classes) as prescribed in the concerned Regulations.
8. According to the ordinance, if a student is absent for more than 6 (six) weeks in a semester without sanctioned leave, his/ her name will be struck off the rolls.
9. Each Academic session will run as per the Academic Calendar published by the University.
10. The admission will be granted by the provision made in the Ordinance on the admission of students to B.Tech courses, etc.
11. The students will have to comply with the Regulations for the course and other rules and orders as may be prescribed by the University authorities from time to time.
12. The decision of competent/ appropriate bodies like the residence, health, and discipline board and the Executive Council on all matters relating to students' indiscipline will be final and binding.

Anti-Ragging Declaration:

An **ANTI-RAGGING** undertaking as instructed at the <http://www.antiragging.in/> has to be submitted online in the anti-ragging portal as mentioned, and a copy of the same is to be submitted to the Director, GUIST on the day of the first class in the University. This is mandatory to confirm the admission.

IMPORTANT DETAILS

Date of counseling and admission for the B.Tech programme based on JEE (Main) - 2026 score	Application through online form available at www.gauhatiadmission.samarth.edu.in
Date of counseling and admission for B.Tech based on CEE (Assam) - 2026 qualified candidates to be conducted by Gauhati University at GUIST	and the dates will be notified on the GU website
Date of Counseling and admission for B.Tech Lateral Entry based on JLEE-2026 Rank to be conducted by Gauhati University	



Fig.6: GUIST Class Room No 2

Contact:

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Gauhati University Institute of Science and Technology (GUIST)
Gauhati University, Guwahati 781014, Assam, India
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DEPARTMENTS AND PROGRAMMES

APPLIED SCIENCES

The Department of Applied Sciences was established in 2014 by merging three erstwhile Departments of Chemical Science, Mathematical Science, and Physical Science. Presently, the department is offering Five-Year Integrated Master's (FYIMP), Two-Year PG, and Ph.D. Programmes in Chemical Science, Physical Science, and Mathematical Science. Moreover, the department is responsible for the core compulsory, common, and science elective courses for the B.Tech. programs in BT, ECE, and IT. At present, about 40 students are working on their PhD degrees. The Department has faculty members in different fields of Chemical, Mathematical, and Physical Sciences. Students from the Department have been undertaking their curriculum projects in different international, national institutes, and centers of repute. Most of the former students of the department are placed in government and public sector jobs, and many are pursuing higher studies in reputed institutes of the country and abroad. The departmental faculty members are also actively involved in research works, both theoretical and experimental, in collaboration with reputed national and international institutes.



Fig 7: Department of Applied Sciences

Courses:

1. Five Years Integrated Master's Program (FYIMP) in (i) Chemical Science, (ii) Mathematical Science, and (ii) Physical Science
2. Two Years Post Graduate Program in (i) Chemical Science, (ii) Mathematical Science, and (ii) Physical Science
3. Doctor of Philosophy (Ph.D.) in (i) Chemical Science, (ii) Mathematical Science, and (ii) Physical Science



Fig 8: One of the Laboratories of the Department of Applied Sciences

HoD: Prof. Pranjal Saikia
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Bioengineering and Technology

The Department of Bioengineering and Technology began its journey in the year 2009 with the vision to create potent theoretical and technical knowledge in the field of Biotechnology that percolates as employable learners in the arena of the employment market. The Department started offering B.Tech in Biotechnology with an intake capacity of 18 in 2009. Presently, there are 30 seats available, which are filled through CEE/JEE, and the entrance test conducted by the Gauhati University. Masters programmes of the Department include M.Tech in Biotechnology Programme, started in the year 2014, which was renamed as M. Tech. in Bioprocess Technology from 2023 with an intake capacity of 18. The PhD programme in Biotechnology and allied fields started in 2012 to support the R&D sectors. The Department has produced 14 batches of B.Tech. in Biotechnology, 6 batches of M.Tech. in Biotechnology, 2 batches of M.Sc. in Cancer Biology, three batches of M.Sc. in Food Science under the integrated M.Sc. - Ph.D. programme, and 70 Ph.Ds in Bioengineering and Technology. In addition, the Department has hosted seven postdoctoral fellows to carry out research in various aspects. The faculty members have been involved in extensive research, the results of which have been published in more than 370 research articles in journals of National and International repute; Three patents (2 granted and 1 published) in the past 16 years.

Courses offered by the Department:

1. B. Tech in Biotechnology
2. M.Tech in Biotechnology
3. M.Sc. in Cancer Biology
4. Ph. D. in Biotechnology (Bioengineering)



Facilities

All classrooms in the Department are equipped with ICT-enabled infrastructure. The Department also houses an internet-connected computer lab to support academic and research activities. Bioengineering students and researchers conduct experiments seamlessly in state-of-the-art laboratories, backed by high-end research facilities that ensure the quality and precision of scientific work.

Key equipment includes FACS, Microbial Identification System, Multimode Plate Reader, High-Performance Computing systems, ÄKTA Start Protein Purification System, Ultra-Sonicator, Nanodrop, Fluorescence Microscope, GC-MS, GC, HPLC, FTIR, Real-Time PCRs, UV-Vis Spectrophotometer, Refrigerated centrifuges, CO2 Incubators, (Solid State), and more. These advanced facilities significantly enhance the Department's capacity to undertake high-quality research projects funded by prestigious agencies such as DBT, DST, DHR, ICMR, AICTE, CSIR, and others, in which the total grant received by the department to date is more than 10 crore.

Additionally, the Department maintains well-established animal and plant cell culture facilities, further supporting a broad spectrum of research endeavors.



Fig 9: Faculty members of the Department of Bioengineering and Technology (left) one of the laboratories of the Department of Bioengineering and Technology (Right)

HoD: Prof. Subhash Medhi
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Department of Electronics and Communication Engineering

Established in the academic session 2009–10, the Department of Electronics and Communication Engineering has evolved into a vibrant center of excellence in engineering education, research, innovation, and industry engagement. The department offers a dynamic learning environment, supported by state-of-the-art laboratories, advanced computing facilities, experienced faculty, and an active research ecosystem. The department currently has the following academic programmes:

- B.Tech. in Electronics and Communication Engineering
- B.Tech. in Robotics and Artificial Intelligence
- M.Tech. in Advanced Communication and Information Systems
- M.Tech. in VLSI and Microelectronics
- Postgraduate Diploma in Semiconductor and VLSI Design
- PhD in different thrust areas of ECE.



Fig.10: The Department of Electronics and Communication Engineering

State-of-the-Art Facilities

The department houses well-equipped laboratories that support undergraduate, postgraduate, and research activities. Major laboratories include Electronics & Project Laboratory, Microprocessor Laboratory, Microcontroller Laboratory, DSP Processor Laboratory, Microwave Laboratory, Communication Laboratory, Mobile Communication Laboratory, Simulation Laboratory, and Signal Processing, Image Processing & Computer Vision Laboratory.

Students have access to advanced equipment, including Digital Storage Oscilloscopes (DSOs), function generators, DSP processors, microwave benches, satellite communication trainer kits, optical fiber trainer systems, MIMO training test bed, Spectrum Analyzer, Vector Network Analyzer (VNA), CNC-based antenna fabrication facilities, and antenna prototyping infrastructure.

Dedicated computing facilities are available with MATLAB, LabVIEW, REMCOM Wireless Suite, Multisim, PSPICE, MICROSIM, Xilinx, and Cadence software for simulation, modeling, embedded systems, communication system design, and VLSI development.



Fig.11: One of the Laboratories, Department of ECE

The CDOT 5G Laboratory, sponsored by the Ministry of Telecommunication, Govt. of India, is one of the flagship facilities of the Department of Electronics and Communication Engineering, established to provide students and researchers with hands-on exposure to next-generation wireless communication technologies.

Student Development

The department promotes experiential learning through mandatory internships, research-oriented final-year projects, GATE coaching, technical refresher programmes, and project-based learning. Students are encouraged to publish their work in national and international conferences and journals while working on emerging areas such as IoT, Artificial Intelligence, Robotics, Home Automation, Speech Processing, Pattern Recognition, and Advanced Wireless Communications.

Innovation, Events, and Student Activities

Students actively participate in innovation and design competitions such as UTKRANTI and UDHVAV organised by the Start-Up and Innovation Cell of GUIST. The department also nurtures professional and technical development through the Resonics Student Society, the IEEE Student Branch, the Google Developers Club, and the Robotics Club. Industrial visits, expert lectures, workshops, technical seminars, and skill development programmes complement classroom learning. Students have also distinguished themselves in innovation competitions like Smart India Hackathon, sports, and other co-curricular activities in both intra and inter-university as well as state-level.

Research and Sponsored Projects

The department encourages faculty members and students to undertake innovative research addressing contemporary engineering challenges. Currently, the department is supported by external research projects funded by the Government of India through various prestigious schemes like ANRF, SERB, AICTE, DST, and ASTEC. Moreover, several student projects are also sanctioned yearly by ASTEC. Research activities have been strengthened through support received under AICTE-NEQIP (2014–2017) and TEQIP-III (2018–2021).

Under the initiative of the Department, several Memoranda of Understanding (MoUs) have been signed with academic, industrial, and consultancy organizations to further enhance skill-based education and research development within the Department through collaborative efforts.

Student Progression and Placements

Graduates of the department have successfully progressed to higher education, research organizations, and leading industries. Prominent recruiters include Cognizant, Wipro, TCS, Infosys, Cadence, Samsung, Qualcomm, Hifrek Pvt. Ltd., Zaloni, Subex, Abaqus, Capgemini, Alliance Communication, and Reliance Communication. Beyond campus placements, graduates of the department have successfully progressed to higher studies at reputed institutions, research organizations, public sector undertakings, and entrepreneurial ventures. The department continues to foster strong industry-academia collaboration to equip students with the knowledge, skills, and professional competencies required to excel in rapidly evolving fields such as electronics, communication, semiconductor technology, artificial intelligence, robotics, and next-generation wireless communications.

HoD: Dr. Anjan Kr. Talukdar

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Department of Information Technology

The Department of Information Technology, Gauhati University was established in 2009, to facilitate state-of-the-art infrastructure for different Undergraduate, Postgraduate, and Research programmes in the field of Computer and Information Technologies. Information Technology (IT), Information Science, Computer Science (both theoretical and applied), and Computer Engineering have all been widely accepted disciplines among the student fraternity worldwide in recent decades. IT has further broadened its horizon, crossing its own boundary, emerging as a tool and facilitator for requirements across the disciplines, from Linguistics to Health Care, Governance to Product Design, Space Science to Demographic Analysis, Entertainment Industries to Home Automation, Heritage Preservation to Social Well-Being. The growing demands of trained and skilled personnel in a variety of directions and specializations have been motivating and inspiring the students to undertake different programmes of study. Looking at the needs of aspiring students of the region, different programmes are designed and offered for students to meet their requirements at different levels of study. The Postgraduate and Research programmes are designed to build the capacity of the region in terms of human resources and local intellectual and technological resource developments. Contemporary specialized studies and research like AI, Data Science, Machine Learning & Deep Learning, IoT, Brain Computer Interface, Natural Language Processing, Cyber Security, Image and Speech Processing, Large-Scale Software Development, Animation and Graphic Design, etc. have already been introduced as part of the UG, PG, and Research Programmes. All programmes have been restructured from the 2024-25 Academic Session as per the NEP 2020 frameworks and guidelines.

Impressive placement records for the 2025 passed-out batch, with more than 50% already placed during their 7th and 8th Semesters, which includes 26 students placed in MNCs like CodeYoung, Teachnook, Cognizant, LTIMindtree, Unacademy, etc. Most of the passed-out students are currently working at MNCs like TCS, Infosys, Wipro, HCL Technologies, Tech Mahindra, Accenture, IBM, etc. A Few of our passed-out students got opportunities for their higher education in internationally known prestigious institutions like Nottingham University-UK, Aston University-UK, Loughborough University-UK, University of Strathclyde-UK, University of Sussex-UK, IIT Guwahati, IIIT Guwahati, IIT Mandi, etc.

The department's alumni have scored far higher in top global destinations, including positions at the University of Cambridge, Stanford University, and the German Center for Artificial Intelligence (DFKI).

A few recent achievements of the department

1. *RUSA, Assam, collaborated with the Department of Information Technology, Gauhati University, for the design and development of three Unicode-compliant Assamese fonts, namely USHA, JONAKI, and Bahi, along with two soft-keyboards, namely As-Script and As-Phonetic. The Govt. of Assam has appreciated the effort for successful completion of the project, and the effort got special mention in the Budget speech at Assam Legislative Assembly in July, 2021.*
2. *A center named "Center for R&D in Digital enablement of Local Languages" has been established in the department funded by the Govt. of Assam in 2023 for various technology development in local North-East India Languages on digital platforms.*
3. *The Ministry of Electronics and Information Technology (MeitY), Govt of India, funded a large-scale collaborative project titled "Ishaan: A bidirectional machine translation system for Assamese, Bodo and English," and the R&D works have been going on in the department since 2022.*
4. *The Department has successfully designed and structured a Cloud-based Mega-Software platform for the complete automation of the students' life cycle of Gauhati University, including all from the 300+ affiliated Colleges, and is currently hosting millions of records against many lakhs of UG, PG, and PhD students through onlinegu.in the portal.*
5. *Govt. of Assam budget allocation of Rs. 1 Crore for Center for R&D in Digital Enablement of Local Languages, in the 2025-26 Budget.*



Fig 12: The Department of IT, Gauhati University

Programmes:

1. B.Tech. in Computer Science & Engineering
[Also with provisions for Honours in-
 - i. Artificial Intelligence and Machine Learning
 - ii. Data Science]
2. B.Tech. in Information Technology
[Also with provisions for Honours in-
 - i. Artificial Intelligence and Machine Learning
 - ii. Data Science]
3. M.Tech. in Information Technology
4. M.Tech. (Research) in AI & ML [Modular]
5. Integrated B.Voc./M.Voc. in Animation and Graphic Design
6. Integrated B.Sc./M.Sc. in Software Development
7. PhD. in Information Technology

Facilities:

The Department of Information Technology has well-equipped laboratories with GNU/Linux systems and MS Windows systems for general-purpose computing. Along with the general computing infrastructure, the department is also equipped with a Network Lab, a Simulator-based Embedded System Lab, an AI and Natural Language Processing Lab, a Brain Computer Interfacing (BCI) Lab, an Image and Speech Processing Lab, a Cryptography and Cyber Security Lab, an Application Development Lab, and High-end GPU Server Facilities. The laboratories are connected to 24/7 high-speed Internet. The department also offers on-campus, secure Wi-Fi to students and staff. Theory and laboratory classes are taken in a modern classroom environment with audiovisual facilities. Current Research activities in the department include AI, Machine Translation, Local Language Technology Development, Image and Speech technologies, BCI, Cyber Security, Machine Learning and Deep Learning, Cultural Informatics, etc.

The department has recently acquired an AI-ready GPU server RTX A6000 for AI/ ML-DL Experiments and Learning.

HoD: Prof. Shikhar Kumar Sarma

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Training and Placement Cell

The Training and Placement Cell at GUIST oversees the institute's recruitment processes, ensuring students have access to promising career opportunities. It actively supports final-year students by facilitating campus interviews and exploring various placement avenues, helping them secure jobs that align with their skills and achievements. The cell extends full assistance to visiting organizations, providing the necessary infrastructure to conduct seamless recruitment drives. Placement activities take place throughout the year, ensuring final-year students are connected with institutions and organizations for higher studies or professional roles.

Some of the prominent hiring organizations are :-



Training & Placement Cell in charge:
Prof. Pranjal Saikia
Dr.Chandan Kalita

Contact: tpc.guist@gauhati.ac.in



Fig.13: Placement drive



Fig.14: Clean Campus drive



Fig.15: Logical reasoning drive



Fig.16: Universal Human Value drive



Fig.17: Orientation Program



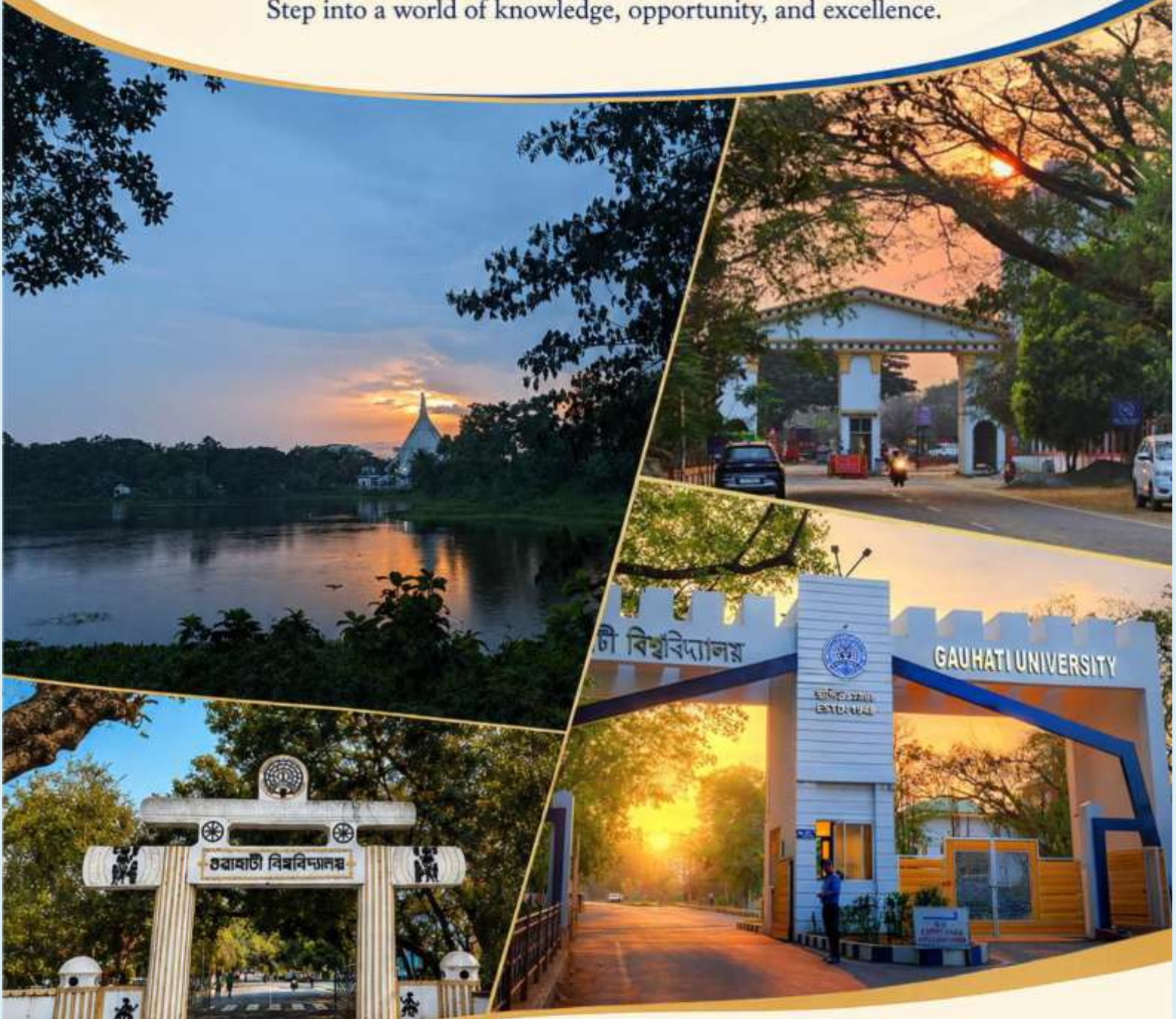
Fig.18: Alumni Meet



Fig.19: Art and Craft designs

Your Journey Begins Here...

At Gauhati University Institute of Science and Technology,
we nurture curiosity, inspire innovation, and empower futures.
Step into a world of knowledge, opportunity, and excellence.



Build your future.
Lead with knowledge.
Inspire the world.

WE WELCOME YOU TO A LEGACY OF LEARNING.