



TRIPURA INSTITUTE OF TECHNOLOGY

EDUCATION (HIGHER) DEPARTMENT, GOVT. OF TRIPURA

PROSPECTUS 2026-2027



www.titagartala.ac.in

VISION

To emerge as one of the best Technical Institute of the Country in creating quality engineers and leaders through excellence in technical education, for industries and for the society.

MISSION

Imparting quality technical education to develop innovative, entrepreneurial and ethical technocrats.

Developing collaborative partnership with industries and academia.

Developing sustainable technology solutions for the societal needs.

Participative learning in a cross-cultural environment that encourages learning beyond the class room.

TIT

NARSINGARH

TRIPURA INSTITUTE OF TECHNOLOGY

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INTRODUCTION

Tripura Institute of Technology (TIT) is located in Narsingarh, West Tripura District, Tripura, India, 12 km from the capital Agartala and 2 km from Maharaja Bir Bikram Airport, Agartala. The institute, formerly known as the Polytechnic Institute, started operation in 1958 with the opening of three diploma courses: Civil Engineering, Electrical Engineering and Mechanical Engineering. It is one of the pioneer educational institutions in the entire north-eastern part of the country, from where the prestigious institutions such as Tripura Engineering College (now known as the National Institute of Technology, Agartala) and Women's Polytechnic, Hapania, Tripura started their journey. The institute has been able to gain national name and reputation through more than six decades of excellence and illustrious journey, as a result of which the Ministry of Human Resources and Development (now MOE) Government of India has extended support from the World Bank under the Tech. Ed. -III project.

The institute was upgraded to a degree-level institute in 2007 under the name Tripura Institute of Technology with UG courses in Engineering and Technology. TIT is a co-educational government institution under the Department of Higher Education, Government of Tripura offering five UG courses in Engineering and Technology, all approved by AICTE. The institute currently offers eight Diploma engineering courses as well. The institute has successfully implemented the Technical Education Quality Improvement Programme (TEQIP-II) and TEQIP-III projects of the Ministry of Education, Government of India, with support from the World Bank. The implementation of such prestigious projects has helped in the development of state-of-the-art infrastructure in the institute's laboratories and workshops. Additionally, numerous faculty development programmes and short-term training programmes are organized to impart the latest technological know-how to faculty and students. Participating in training programmes at various reputed institutions and universities in the country provided faculty members with an opportunity to further develop their professional knowledge and network with scholars from other institutions. Formerly, three undergraduate programmes were accredited by National Board of Accreditation (NBA). At present Computer science and Engineering undergraduate programme is accredited by NBA.

The M. Tech. programmes in Data Science, VLSI & Embedded Systems, and Thermal Engineering were started in the Computer Science & Engineering Department, Electronics & Communication Engineering Department and Mechanical Engineering Department from 2020-21 academic session. M. Tech. in Power and Energy Systems was introduced in the Department of Electrical Engineering from the 2021-22 academic session.

As per the decision of the Government of Tripura, Tripura Institute of Technology (TIT), Narsingarh, is being upgraded into the Tripura Government Technical University (TGTU). In the near future, TIT shall function as the State Technical University, offering expanded opportunities in technical education, research, innovation, entrepreneurship, and skill development.

MESSAGE FROM RAVAL H. KUMAR, IAS
SPECIAL SECRETARY, EDUCATION (HIGHER
EDUCATION) AND CHAIRMAN, BOG, TIT



It is my pleasure to extend a warm welcome to all the stakeholders of Tripura institute of Technology, Narsingarh. The Institute, erstwhile known as Polytechnic Institute is an engineering college administered by Government of Tripura, approved by All India Council of Technical Education (AICTE) and affiliated to Tripura University (A Central University). Technical education is imparted in this institute in three different modules, namely, Diploma module, Undergraduate level and postgraduate level. As the Chairman of the Board of Governors I am proud to lead an Institution dedicated to academic excellence, innovations, and the holistic development of every individual who passes through the doors of the institution. Our faculty members are leaders in their fields, committed to provide the learners with quality technical education that prepares themselves for the challenges and opportunities in the future.

Having been funded by World Bank projects and TEQIP projects over a span of time this institute has taken a thriving shape in terms of infrastructure development, human resource engagement and establishing state - of - the - art facilities. In recent times, establishment of AICTE-IDEA lab, Drone Technology Lab and 5G Use Case Lab in the premises of Tripura institute of Technology would enable this institute to become a technical institute of well repute all across the country.

The Higher Education Department of Tripura recognizes that technical education has a responsibility to cater to the need of a knowledge-based economy that is growing steadily. It bases its commitment on instilling the principles of high-quality education through its strategic initiatives. By undertaking dissemination of academic and research outputs solemnly, Tripura Institute of technology envisages furthering the causes of higher education in the state. Higher education in technical fields as propagated by the institute would play a pivotal role in expanding, cultivating, and improving the opportunities of sustainable employment potential in the country especially in the North- Eastern part of the nation.

I wish all success and glory to Tripura institute of Technology.

With best complements.

Raval H. Kumar, IAS
Special Secretary, Education (Higher Education)
and Chairman, BOG, TIT

**MESSAGE FROM
PROF. BIJOY KUMAR UPADHYAYA
PRINCIPAL (I/C), TIT NARSINGARH**



Dear Reader,

As the head of this esteemed institution, it gives me great pleasure to extend a warm welcome to all of you. I am honored to introduce, Tripura Institute of Technology, Narsingarh, a prestigious technical institution governed by the Department of Higher Education, Government of Tripura. The institute bears the pride of being the first technical institution in the state and making its mark as one of the leading institutions in the north eastern region of the country.

At Tripura Institute of Technology, Narsingarh, we take immense pride in our commitment to academic excellence, holistic development, and fostering an environment where every individual can thrive. Our institute stands as a beacon of knowledge, innovation, and opportunity, dedicated to shaping future leaders in the technology domain who will make a meaningful impact on the world.

We believe in nurturing not only intellect but also character, instilling values of integrity, perseverance, and compassion in our students. Our comprehensive curriculum, designed to meet the demands of the ever-evolving global landscape, especially in the technology domain, equips our graduates with the skills, knowledge, and mindset necessary to succeed in their chosen fields. Our dedicated and experienced faculty, state-of-the-art facilities, and extensive resources ensure that our students receive the guidance and support they need to excel academically, personally, and professionally.

As you embark on your academic journey, I encourage you to explore all that Tripura Institute of Technology offers to suit your interests and passions. The Institute presently offers eight programmes in diploma engineering, five degree engineering courses, and four postgraduate-level programmes, all in the technology domain. Beyond the classroom, our institute offers a rich array of extracurricular activities, clubs, and carrier supportive activities that cater to a wide range of interests.

I look forward to welcoming you to our community and supporting you as you pursue your dreams and aspirations.

With best compliments

Prof. (Dr.) Bijo Kumar Upadhyaya
Principal (I/C), TIT

ACADEMICS



DEPARTMENTS

- Civil Engineering
- Electrical Engineering
- Electronics & Communication Engg.
- Computer Science & Engineering
- Mechanical Engineering
- Automobile Engineering
- Architectural Assistantship
- Food Processing Technology
- Science and Humanities

- Drone Technology Center
- AICTE - IDEA Lab
- VLSI Centre of Excellence (COE)
- 5G Use Case Lab



CENTERS



CENTRAL FACILITIES

- Library
- Workshops
- Central Computing Lab
- T&P Cell
- NGIN Cell
- Auditorium
- Canteen

ACADEMIC PROGRAMMES



Academic Programmes

Tripura Institute of Technology offers a variety of academic programmes for students listed below:

Diploma Engineering :

Tripura Institute of Technology offers Diploma in Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics & Tele Communication Engineering, Computer Science & Technology, Food Processing Technology, Automobile Engineering and Architectural Assistantship.

Bachelor of Technology (B.Tech.) :

Tripura Institute of Technology offers B.Tech. in Civil Engineering, Electrical Engineering, Electronics & Communication Engineering, Mechanical Engineering and Computer Science & Engineering.

Master of Technology (M.Tech.) :

Tripura Institute of Technology offers M.Tech. in Data Science, VLSI and Embedded Systems, Thermal Engineering and Power and Energy System.



INTAKE CAPACITY

	DIPLOMA ENGINEERING	NO. OF SEATS
1	Civil Engineering	30
	Mechanical Engineering	30
	Electrical Engineering	30
	Electronics & Telecommunication Engineering	40
	Computer Science & Technology	40
	Food Processing Technology	20
	Architectural Assistantship	20
	Automobile Engineering	20
2	B.TECH	
	Civil Engineering	60*
	Mechanical Engineering	60*
	Electrical Engineering	60*
	Electronics & Telecommunication Engineering	60*
Computer Science & Engineering	60*	
3	M.TECH	
	Data Science	18
	VLSI and Embedded Systems	18
	Thermal Engineering	18
Power and Energy System	18	

*25% of Seats are reserved for Lateral Entry in 2nd year B.Tech Programme



FOR THE DIPLOMA PROGRAMME:

- The admission to Diploma Programmes of Tripura Institute of Technology is done through State level entrance examination namely Diploma Engineering Entrance Examination of Tripura (DEEET).
- Guidelines for admission in Diploma Engineering through DEEET
 - a) Candidate must be a permanent resident of Tripura.
 - b) Candidates those who have passed / appearing the Madhyamik or equivalent examination from Tripura Board of Secondary Education / Central Board of Secondary Education or other equivalent recognized boards, can apply.
 - c) A candidate must have passed class 10th / SSC Examination (as per AICTE, New Delhi) for admission in Diploma Engineering.
 - d) There will be no maximum age limit for candidate (as per AICTE, New Delhi).
 - e) Candidate has to produce character certificate issued by Headmaster/ Principal of the school last attended. Such character certificate must be issued within six month of date of document verification and admission.
 - f) Physical presence of candidate at the time of document verification and admission is mandatory otherwise his/ her candidature will stand cancelled without further notification.
 - g) During Online Application, candidate has to upload recent Photograph, front page of BPL ration card (for BPL Candidates), Signature, Caste Certificate, PwD Certificate and ESM Certificate; otherwise candidate will lose his / her candidature / claim for the year.
 - h) Candidate has to pay requisite fees during Online Application failing which candidate will lose his / her candidature / claim for the year.
 - i) BPL candidates seeking relaxation of fees have to provide their unique Ration Card Number during online application process and have to upload front page of BPL Ration card where card number, name of members and other details are available. After verification, if it is found that the Ration Card is not for BPL, in that case candidates have to pay the extra amount to CSC failing which, candidate will lose his / her candidature / claim for the year.



j) Candidates have to produce hard copy of their online application confirmation page and photo copy of all relevant documents along with original documents during document verification and admission. Without verification of original documents, no candidate will be allowed for admission.

k) PwD candidate seeking “Compensatory time” has to produce original PwD certificate in the examination center.

l) Candidates appearing Madhyamik/10th level board examination may also appear for the DEET under the condition that at the time and date of document verification and admission, candidates must fulfill all the eligibility criteria as specified above and must produce relevant original certificates, failing which, candidate will lose his/ her candidature / claim for the year.

However, if any amendment / change is / are made after issue of this Notification, the same shall be notified in the website www.highereducation.tripura.gov.in

- For Government of India Nominee candidates: Eligibility criteria are same as mentioned above for the students of Tripura. However, candidates seeking admission to this category should be nominated by the Directorate of Higher Education, Govt. of Tripura. Presently for diploma programme, four seats are reserved for candidates from Arunachal Pradesh (2 seats in CE and 2 seats in EE) and three seats for candidates from Sikkim (3 in ME). Candidates fulfilling these marks shall only be allowed for admission if they are found eligible otherwise.

LATERAL ENTRY:

- Candidates should be citizen of Tripura and should have valid PRTC.
- Candidate with Madhyamik or 10th standard passed from a TBSE recognized board with 2 years NCVT approved ITI courses are eligible for taking admission into 2nd year (3rd semester) of Diploma Engineering through Lateral Entry Scheme.

ADMISSIONS



- There will be no age limit for candidates for admission into Diploma Engineering.
- As per AICTE, candidates having passed 2 year ITI course (After 10th pass) shall be eligible for admission to Second year Diploma Course(s) in Any branch of Engineering and Technology.
- Candidate has to produce all original documents including Character Certificate issued by Head of the Institute last attended or any Gazetted Officer. Such Character Certificate must be issued within six month of date of document verification and admission.
- Reservation of unfilled vacancies may be as like the Roster of seats of the preceding first year and for additional 10% supernumerary seats new roster will be prepared as per the guidelines of state government.



FOR THE DEGREE B.TECH PROGRAMME:

1. Vertical Entry: (Admission to first Year of Degree **B.TECH** Programme)

- An applicant must be a bonafide citizen of India & a permanent resident of Tripura.
- An applicant must pass in H.S.(+2 stage) Exam or equivalent with at least four subjects from a recognized board with 45% marks in aggregate of Physics, Chemistry & Mathematics for General candidates. For SC and ST candidates the percentage of marks in aggregate is relaxed to 40%.
- An applicant must have been qualified through Tripura Board of Joint Entrance Examination (TBJEE) for the respective year of admission.
- The applicant must be duly nominated by TBJEE / Director of Higher Education, Government of Tripura.
- The candidates are admitted strictly on the basis of merit position in the merit list published by the TBJEE in the respective year of admission.
- **For Government of India Nominee:** In the degree Programme of Tripura Institute of Technology four seats, one in each of the four branches (i) CE, ii) ME, iii) ETCE and iv) CSE are reserved for Government of India nominee candidates from Nagaland. The candidates from the said state are required to be nominated by the competent authority of Nagaland Government as per their selection norms and by Directorate of Higher Education, Govt. of Tripura but have to satisfy the eligibility conditions for getting admitted into Tripura Institute of Technology and terms and conditions prescribed by the Government of Tripura.

1. Lateral Entry: (Admission to Second Year of Degree Programme)

- An applicant must be a bonafide citizen of India & a permanent resident of Tripura.
- Candidates must have passed Diploma in Engineering / Technology from any recognized Board/Council/University with minimum 45% marks for Unreserved & 40% marks for reserved categories for admission to 3rd semester **B.TECH Programme** as lateral entrant.



- An applicant must be qualified through Lateral Entrance Examination constituted by the Government for the respective year of admission.
- The applicants must be duly nominated by the Committee of Lateral Entrance Examination.
- The candidates are admitted strictly on the basis of merit position in the merit list published through Lateral Entrance Examination in the respective year of admission.
- Lateral Entrance Examination Committee, under Directorate of Higher Education usually conducts the Examination for Lateral Entry to Tripura Institute of Technology in the month of July each year.

OTHER ELIGIBILITY CRITERIA

The candidates need to satisfy the minimum physical standards required for pursuing a technical course and must pass the medical examination to be conducted by the Registered Medical Officer and a certificate is to be obtained in the form of Medical Examination Report as enclosed in Admission Form.

About M. Tech. programme:

Tripura Institute of Technology (TIT), Narsingarh, is offering a post-graduate Programme for eligible candidates for admission into the first year of Master of Technology (M. Tech.) Programmes in Electronics & Communication Engineering, Computer Science & Engineering, Mechanical Engineering Department, and Electrical Engineering Department.

The M.Tech Programmes are AICTE recognized and affiliated to Tripura University, Suryamani nagar. The candidates with B.Tech/B.E degree from AICTE approved institutes including in service candidates who fulfill all the eligibility criteria as set forth can apply through proper channel for the said admission test. The candidates who have appeared for B.Tech/B.E examinations can also applying by producing stamped appearing certificate issued by the competent authority.

ADMISSIONS



Duration of course: 2 years (four semesters) in regular mode only

Two categories of candidates can apply: i. Regular ii. Sponsored

Reservation Policy: The allocation of seats against the reservation would be on the basis of the prevailing reservation policies of the State Government.

Tripura Institute of Technology (TIT), Narsingarh, invites applications from eligible candidates for admission into the first year of Master of Technology (M. Tech.) Programmes in the following branch of engineering and specializations.

Sl. No.	Branch of Engineering	Specialization	No. of Seats
1	Computer Science & Engineering	Data Sciences	18
2	Electronics & Communication Engineering	VLSI and Embedded System	18
3	Mechanical Engineering	Thermal Engineering	18
4	Electrical Engineering	Power and Energy	18

General Information about the Admission Procedure:

- The M. Tech. Programmes are approved by AICTE and affiliated to Tripura University.
- Reservation of seats in each branch will be as per the prevailing norms of Government of Tripura.
- There are two categories of students: Regular and Sponsored, with differential rates of tuition fees. Out of (18) eighteen seats in each Programme, six seats are reserved for sponsored category candidates. In case of non-availability of candidates from one particular category, these seats may be allotted to the other category candidates also.

ADMISSIONS



- Selection of candidates will be made strictly on a merit basis which will be prepared after conducting test and/or oral interviews. Candidates with valid GATE scores will get first preference followed by candidates with valid CUET (PG) scores as per the following Programme requirements:

Sl. No.	M. Tech. Program Name	Subject Name in CUET (PG) with Code
01	VLSI and Embedded System	Electronics, Communication and Information Engineering (MTQP05)
02	Data Science	Data Science, Artificial Intelligence, Cyber Security etc. (MTQP04) or Electronics, Communication and Information Engineering (MTQP05)
03	Thermal Engineering	Mechanical Engineering (MTQP07)
04	Power and Energy System	Electrical, Power and Energy Engineering etc. (MTQP10)

Candidates with valid GATE / CUET score do not require to appear for admission test.



8. SELECTION PROCEDURE

For the Diploma Programme:

Selection of candidates along with branch of engineering of all the categories (SC/ST/EX- Servicemen/PH/UR) are made as per the guidelines of the State Government and the process is carried out by DEET board through online counselling process.

Student who are ITI Pass-outs can take admission into 2nd year (3rd semester) of Diploma Engineering Courses through Lateral Entry Admission Scheme.

For the Degree (B.Tech) Programme:

Selection and allotment of the branch for Degree Programme are made by the TBJEE for vertical entry and by Lateral Entrance Committee for lateral entry on merit basis through counseling as per the guidelines of the State Government.

For the Masters (M. Tech) Programme:

Common Criteria for all Programmes:

- Passed B.E./B.Tech or equivalent from AICTE approved Institutions or Institutes established under parliamentary act with at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying examination. There is no age bar for admission.
- Sponsored category candidate should have full time work experience of minimum two years and possess sponsorship certificate from his/her present employer.
- Sponsored category candidates can apply either through proper channel or through submitting no objection certificate obtained from the employer. However, such candidates have to submit Release Order from their parent Department/Organization at the time of admission.

ADMISSIONS



- Candidates from other states of the country may also apply, however admission to such candidates may be granted if seats remain vacant after allocation to the candidates from Tripura (having PRTC).
- Candidates appeared/appearing in final examination of B.E./B. Tech. or equivalent in relevant disciplines are also eligible to apply. Such candidate has to submit a duly signed and stamped certificate to this effect from the competent authority of their institute. Later, they have to produce their B.E./B.Tech. Pass Certificate/Mark-sheet of the respective branch of engineering with requisite percentage of marks positively at the time of counseling, failing which their candidature for such admission will be summarily rejected.
- Candidates intending to apply for more than one branch should submit separate application form.

Programme Specific Criteria:

Specialization	Eligible branch of Engineering in B.E./B.Tech. or eqv.
Data Sciences	Computer Science and Engineering, Information Technology, Electronics and Communication Engineering, Electrical & Electronics Engineering. In addition candidates with MCA and M.Sc computer science degree are also eligible to apply.
VLSI and Embedded Systems	Electronics & Tele/Communication Engineering, Electronics Engineering, Electrical & Electronics Engineering, Electronics & Instrumentation Engineering
Thermal Engineering	Mechanical Engineering
Power and Energy System	Electrical Engineering, Electrical and Electronics Engineering.

ABSTRACT OF TRIPURA UNIVERSITY RULES



FOR THE DIPLOMA PROGRAMME:

Tripura Institute of Technology, Narsingarh is presently under the academic control of Tripura University.

1. The three years Engineering Diploma course in each branch will consist of Six Semesters viz, 1st, 2nd, 3rd, 4th, 5th & 6th Semester. Each Semester being of at least 90 working days duration.
2. Each student must pass separately in every paper of the different examinations and those who pass in a paper shall not be permitted to seat for Examination in the paper again.
3. In Diploma Programme total maximum marks for 3rd, 4th, 5th & 6th semester examination will be 1000 each and 800 for 1st and 2nd semester each which is divided between theoretical and Sessional papers as per AICTE norms and as mentioned in the curriculum structure.
4. A candidate can carry a maximum three back papers each in First and Second Semester examinations and maximum two back papers in all other semester examinations to be qualified for next higher Semester but the total number of back papers should not exceed six taking all the Semesters together. Back papers will contain theory & sessional / practical both. A candidate can re-appear the back paper in the next appropriate examination, means odd to odd and even to even. A candidate of last semester (6th for Diploma Module) who will be unable to clear the last semester examination due to back papers in previous semester or if get any back in the last semester, his/her result shall be declared incomplete. Such candidate can appear for special final exam to clear the previous back paper. Special final examination shall be held within three months after publication of last semester result.
5. The performance of the student is evaluated in terms of two indices, viz. semester Grade Point Average (SGPA) and Overall / Cumulative Grade point Average (CGPA) are as follows:-

ABSTRACT OF TRIPURA UNIVERSITY RULES



a. Classification of Grades & Pass Marks (for Diploma):

Marks Range (%)	Grade Awarded	
	Theory	Practical / Sessional
90 and above	S	S
80 and above but below 90	A	A
70 and above but below 80	B	B
60 and above but below 70	C	C
50 and above but below 60	D	D
40 and above but below 50	E	F
Below 40	F	

Subject Category	Total marks out of 100	Type of evaluation	Frequency of examination/s semester	Percentage of marks assigned	Remarks
Theoretical	40	Mid Semester Examination (MSE)	2	60 % of CIA = 24 Marks	To be conducted at Institute/ department level
		Quiz/Seminar/ group discussion	2	15% of CIA = 6 Marks	To be conducted by the Course Instructor
		Assignment	1	12.5% of CIA = 5 Marks	
		Attendance	Whole Semester	12.5% of CIA = 5 Marks	
Sessional / Practical	60	Laboratory work performance	Each week	30% of CIA = 18 Marks	To be conducted by the Course Instructor
		Laboratory Record Book	Each week	30% of CIA = 18 Marks	
		Practical Assignment	2	30% of CIA = 18 Marks	
		Attendance	Whole Semester	10% of CIA = 6 Marks	

1. Eligibility criteria for appearing at the end semester examination diploma

- A candidate has to attend a regular course of study in Theory, Practical and Sessional with a minimum attendance of 75%.
- Students not being allowed to sit for regular examination due to shortage of attendance may be permitted to attend special classes in order to raise their attendance to 75% level only if they possess an attendance of 60% or above.
- Students having less than 75% but more than 60% attendance shall be known as non- collegiate student. Such student shall have to pay non-collegiate fees as prescribed by the university from time to time.



- d. Students having attendance less than 60% shall be termed as dis-collegiate student; such student shall not be allowed to fill up the examination forms. They have to take admission afresh in the appropriate semester.
- e. No refund / adjustment of any fees paid to the University are permitted.
- f. A candidate has to complete the Diploma and the course within five years from the year of first admission in the course; otherwise his registration in that course shall automatically be cancelled.

FORTHE DEGREE (B.Tech) PROGRAMME:

1. Semester Scheme: Degree Programme is of 4 academic years (=8 Semesters), with the year being divided into two Semesters of ~ 20 weeks (≥ 90 working days) each for course work, followed by Continuous Internal Evaluation (CIE) during the Semester & Semester End Examination (SEE).
2. Credit System: The Degree Programme is credit based system enabling quantification of course work, with specified credit being assigned to each unit after a student completes its teaching-learning process, followed by passing in both CIE & SEE.
3. Credit Courses: Students are to register in each semester for the courses assigned to the semester. Students earn One Credit by registering and passing: (i) One hour/week/Semester for Theory/Lecture (L) Courses or Tutorials (T); and, (ii) Two hours/week/Semester for Laboratory/Practical(P) Courses.
4. CIE: Break up of CIE

ABSTRACT OF TRIPURA UNIVERSITY RULES



Subject Category	Type of evaluation	Frequency of examination/semester	Percentage of marks assigned	Remarks
Theoretical	Mid Semester Examination (MSE)	1	50 % of CIE	To be conducted centrally at department level of an institution
	Quiz/Seminar/group discussion	2	20% of CIE	To be conducted by the Course Instructor
	Class test	1	20% of CIE	
	Assignment	1	10% of CIE	
Sessional Practical	Laboratory work performance	Each week	30% of CIE	To be conducted by the Course Instructor
	Laboratory Record Book	Each week	30% of CIE	
	Practical Assignment	1	40% of CIE	

1.SEE: To be conducted by the University and cover the entire Course Syllabi. There will be four modules in a theoretical course. SEE questions to be set from each module giving equal weight with choice if any, to be confined to module concerned only. The questions to be comprehensive emphasizing analysis, synthesis, design, problems & numerical quantities.

FEE STRUCTURE

1

DIPLOMA ENGINEERING

AMOUNT(RS.)

Admission Fee	1
Tuition Fee (Per semester)	3000
Registration Fee (One time)	310
Caution money deposit (Refundable and One time)	500
Student Union Fee (One time in Year)	100
Games & sports and Cultural affairs fee (One time in a year)	100
Internal Examination Fee (Per semester)	100
Session Charge (One Time in Year)	500
Student insurance (One Time in Year)	400
Alumni Fee (6th Semester, one time)	200
Identity Card Fee (One Time)	200

2

BACHELOR OF TECHNOLOGY (B.TECH)

Admission Fee	10
Tuition Fee (Per semester) APL	5250
Tuition Fee (Per semester) BPL	5000
Registration Fee (One time)	310
Caution money deposit (Refundable and One time)	1000
Student welfare Fee (One time in year)	100
Games & sports and Cultural affairs fee	100
Session Charge (One Time in Year)	1000
Internal Examination Fee (Per semester)	100
Student insurance (One Time in Year)	400
Alumni Fee (8th Semester, one time)	200
Identity Card Fee (One Time)	200

3

MASTER OF TECHNOLOGY (M.TECH)

Tuition Fee for Regular students	32700
Tuition Fee for Sponsored students	82700
Identity Card Fee (One Time)	200

FEE STRUCTURE

MASTER OF TECHNOLOGY (M.TECH) FEE STRUCTURE DETAILS

Sl. No	Particulars	Frequency	Amount (in Rs.)
01 a.	Tuition Fee for Regular students	Per semester	25,000.00
b.	Tuition Fee for Sponsored students	Per semester	50,000.00
02	Development Fee for sponsored candidate	One time	25,000.00
03	Library caution Money (refundable)	One time	1,000.00
04	Caution money for Laboratory/Workshop etc. (refundable)	One time	1,000.00
05	Session Charge	Per semester	3,000.00
06	Internal Examination fee	Per semester	1,000.00
07	Student Activity fee	Once in a year	500.00
08	Games, Sports and Cultural Activity, etc. fee	Once in a year	500.00
09	TIT Alumni Registration fee during 4th semester	One time	200.00
10	Student Insurance fee	Once in a year	500.00
11	Identity Card Fee	One time	200.00

SCHOLARSHIPS



1. POST-MATRIC SCHOLARSHIP FOR SC STUDENTS TRIPURA

1.1 Objective

- To enable eligible Scheduled Tribe students to undertake quality education from Post Matric to Post Graduate level by providing them financial assistance.
- To create an error free platform ensuring that the targeted beneficiaries receive scholarship on time.

1.2 Scope

- Scholarship under the Scheme will be available to ST students for studies in India and will be directly transferred to the account of students. The scholarship will be awarded by the Government of the State/Union Territory to which the applicant belongs as per the terms of domicile decided by the State/UT.

2. POST MATRIC SCHOLARSHIP FOR OBC STUDENTS TRIPURA

2.1 Objective

- The objective of the scheme is to provide financial assistance to the OBC students studying at post-matriculation or post-secondary stage to enable them to complete their education.

2.2 Scope

- These scholarships shall be available for studies in India only and will be awarded by the Government of State/Union Territory to which the applicant actually belongs, i.e. permanently settled.

3. POST-MATRIC SCHOLARSHIP FOR SC STUDENTS TRIPURA

3.1 Objective

- The objective of the scheme is to appreciably increase the Gross Enrolment Ratio of SC students in higher education with a focus on those from the poorest households, by providing financial assistance at post-matriculation or post- secondary stage to enable them to complete their education.

3.2 Scope

- These scholarships are available for studies in India only and the awardees are selected by the State Government/Union Territory to which the applicant actually belongs (i.e. the State/UT in which permanently settled or domiciled, as per the terms of domicile decided by the State).
- This is applicable to all the students who are currently beneficiaries of the scheme as well as fresh admissions.

SCHOLARSHIPS



4. Dr. B.R. AMBEDKAR POST MATRIC SCHOLARSHIP FOR ECONOMICALLY BACKWARD CLASSES (EBC). - TRIPURA

4.1 Objective

- The objective of the scheme is to provide financial assistance to the Economically Backward Class (EBC) students studying at post-matriculation or post-secondary stage to enable them to complete their education.

4.2 Scope

- These scholarships shall be available for studies in India only and will be awarded by the Government of State/Union Territory to which the applicant actually belongs, i.e. permanently settled.

5. PRAGATI SCHOLARSHIP SCHEME FOR GIRL STUDENTS (DEGREE)& DIPLOMA

5.1 Objective

- Scheme being implemented by AICTE aimed at providing assistance for advancement of Girls pursuing technical education. Education is one of the most important means of empowering women with the knowledge, skill and self-confidence necessary to participate fully in the development process. This is an attempt to give young women the opportunity to further her education and prepare for a successful future by "Empowering Women through Technical Education".

6. SAKSHAM SCHOLARSHIP SCHEME FOR SPECIALLY ABLED STUDENT (TECHNICAL DEGREE) & DIPLOMA

6.1 Objective

- Saksham is a MHRD Scheme being implemented by AICTE aimed at providing encouragement and support to specially-abled children to pursue technical education. This is an attempt to give every young student, who is otherwise specially-abled, the opportunity to study further and prepare for a successful future through technical education/ knowledge.

7. CENTRAL SECTOR SCHEME OF SCHOLARSHIPS FOR COLLEGE AND UNIVERSITY STUDENTS

7.1 Objective

- To provide financial assistance to meritorious students from poor families to meet a part of their day-to-day expenses while pursuing higher studies.

SCHOLARSHIPS



8. FINANCIAL SUPPORT TO THE STUDENTS OF NER FOR HIGHER PROFESSIONAL COURSES(NEC MERIT SCHOLARSHIP)

8.1 These scholarships are available for studies in India only and shall be awarded by the North Eastern Council, Ministry of Ministry of Development of North Eastern Region, Government of India, Shillong to the eligible candidates of the North Eastern States.

9. NATIONAL SCHOLARSHIP FOR POST GRADUATE STUDIES

Ten thousand (10000) National Scholarships or as may be decided by the Commission, at the rate of Rs.15,000/- per month for 10 months in a year, are available for Indian students for two years to pursue higher studies, within India, leading to award of Postgraduate Degree under the scheme 'National Scholarship for Post Graduate Studies'. The slots shall be allocated as per Govt. of India reservation policy. However 30% slots will be reserved for the women candidates. Note: The slots reserved for women students, will be filled first by 'Single/twin/fraternal Girl Child', without considering their marks in UG examination. The remaining slots will be filled up by merit. The selection under the schemes is done purely on all- India merit basis (except those mentioned in the 'Note' above) from among the candidates who have applied for the scholarship under the scheme, through online mode only on the designated portal, i.e., National Scholarship Portal of Government of India. The scholarship is open to those students who have acquired a recognized Undergraduate Degree from an Institution which is recognized under Section 2(f) or Section 3 of UGC Act, 1956 or is authorized to award specified degrees as per section 22(1) of the UGC Act.

ACADEMIC DEPARTMENTS

DEPARTMENT OF CIVIL ENGINEERING

SRI. JIBESH DATTA
HOD & ASSOCIATE PROFESSOR
DEPARTMENT OF CIVIL ENGINEERING

FACULTY MEMBERS

- Sri. Manoj Jamatia, Associate Professor
- Sri. Bosco Debbarma, Associate Professor
- Sri. Arijit Banik, Associate Professor
- Sri Jibesh Datta, Associate Professor
- Sri. Bharat Sarkar, Associate Professor
- Smt. Jhuma Mitra, Associate Professor
- Sri. Shubhankar Debbarma, Assistant Professor
- Sri. Sabbir Kumar Jamatia, Assistant Professor
- Dr. Supantha Paul, Assistant Professor (Contract)
- Dr. Prasenjit Debnath, Assistant Professor (Contract)
- Sri. Asim Debbarma, Lecturer
- Smt. Ananya Majumder, Lecturer
- Dr. Subhrasmita Majumder, Lecturer
- Smt. Pinaki Debnath, Lecturer (Contract)

NON TEACHING STAFFS

- Sri Nirmal Biswas, Jr. Mechanic
- Smt. Sumita Deb, Jr. Mechanic
- Priya Lal Debbarma, Jr. Draughtsman

About the Department:

Civil Engineering Department of the Institute started its journey on 1st of June, 2007 with the establishment of Tripura Institute of Technology, Narsingarh. This department is currently offering Diploma in Civil Engineering and Bachelor of Technology, Civil Engineering. Both the Programmes are approved by AICTE and affiliated to Tripura University (A Central University).

Vision of the Civil Engineering Department:

The vision of the Civil Engineering Department is to create one of the best branches in the country by employing systematic and planned approach to manifest the department and thereby producing quality Civil Engineers befitting for industries as well as for society.

Mission of the Civil Engineering Department:

The mission of the Department is to:

M1. Impart quality education, share intellectual experience with organizational skills to the students.

M2. Develop a strong conceptual educational environment with the use of up-to-date technology.

M3. Produce outstanding civil engineering under-graduates with high ethical sense having the zeal for self employment and entrepreneurship.

Programme Educational Objectives (PEOs)

The Graduate engineers will be able to:

PEO1. Develop systematic professional approach in the applied fields of Civil Engineering and multi disciplinary areas emboldened with ethical responsibilities.

PEO2. Inculcate the value of team work to analyse, evaluate and create / design innovative solutions of the societal problems.

PEO3. Initiate and engage others in creation of entrepreneurship as a platform for employment-generation.

PEO4. Recognize the needs of community and indulge in lifelong learning.

Name of the Laboratories in Civil Engineering Department

- Environmental Engineering Lab -I
- Environmental Engineering Lab -II
- Structural Analysis and Concrete Technology Laboratory
- Transportation Engineering Laboratory
- Geotechnical Engineering Laboratory
- Water Resources Engg. Lab
- Fluid Mechanics Lab
- CAD Lab



**Environment Engg
Laboratory**



**Structural Engg
Laboratory**



**Transportation Engg
Laboratory**



**Geotechnical Engg
Laboratory**



**Water Resource Engg
Laboratory**



CAD LABORATORY

DEPARTMENT OF ELECTRICAL ENGINEERING

PROF.(DR.) KABIR CHAKRABORTY
HOD & PROFESSOR
DEPARTMENT OF ELECTRICAL ENGINEERING

FACULTY MEMBERS

- Prof.(Dr.) Kaberi Majumdar, Professor
- Prof.(Dr.) Gitanjali Saha, Professor
- Smt. Madhuchhanda Choudhuri, Associate Professor
- Sri Sadhan Sarkar, Associate Professor
- Prof.(Dr.) Aditi Datta, Professor
- Prof.(Dr.) Kabir Chakraborty, Professor
- Smt. Dalia Debbarma, Associate Professor
- Sri Shivaji Debbarma, Associate Professor
- Prof.(Dr.) Sajal Debbarma, Professor
- Dr. Sanat Kumar Paul, Lecturer
- Smt. Arpita Sarkar, Lecturer
- Smt. Joydeep Sutradhar, Lecturer
- Sri Branela Debbarma, Lecturer
- Smt. Sichana Debbarma, Lecturer
- Smt. Moutushi Pal, Lecturer (Contract)
- Sri Apurba Kumar Das, Assistant Lecturer

NON TEACHING STAFFS

- Sri Tapas Kanti Rakshit, Jr. Technician
- Sri Ashok Bandyopadhyay, Senior Instructor

About the Department:

The Department of Electrical Engineering of TIT (Erstwhile Polytecnic) started its journey in the year of 1958. It is one of the oldest and well-equipped Departments. Undergraduate Programme was introduced in the year of 2010. In the year of 2020, the Department got NBA accreditation which added a new feather in the cap of EE Department. As an outcome of this achievement, a PG course was introduced in "Power & Energy Systems" in the academic session 2021-2022. The Department boasts of its highly qualified faculties having profound experience in Academics & Research. It has well equipped laboratories such as Electrical Machines laboratory, Control System laboratory, Process Control laboratory, Power System laboratory, Electrical Engineering simulation laboratory, Power Electronics & Electrical Drives laboratory, Measurement and Instrumentation laboratory, Microprocessor laboratory and Research laboratory etc. Faculties, Students and Alumni have made significant contributions in the overall development of the Department.

Vision of the Electrical Engineering Department:

The vision of the Electrical Engineering Department is to produce globally competitive and socially active engineering graduates suitable for profession, higher studies and research on the frontier areas of Electrical and allied fields so as to help the society to achieve self-sufficiency.

Mission of the Electrical Engineering Department:

The mission of the Department is to:

- M1. To produce quality Electrical graduates capable of successful entrepreneur, scientists, managers to meet the global manpower demands.
- M2. To develop and disseminate technology to meet Electrical power and energy requirement for industries and society.
- M3. To develop the infrastructure for research and innovation works on the field of renewable energy and associated technologies.

Programme Educational Objectives (PEOs)

The Graduate engineers will be able to:

- PEO1: To inculcate Graduates with foundation in mathematics, science and engineering fundamentals for successful technical/professional career.
- PEO2: To comprehend, analyze, design and develop innovative systems with constantly evolving technology and meet the using lifelong learning needs.
- PEO3: To develop team work, communication skills, ethics and leadership quality to build a successful professional career, including in R&D and Industries.

Name of the Laboratories in Electrical Engineering Department

- Power Electronics & Drives Laboratory
- Microprocessor Laboratory
- Basic Electrical & Circuit Laboratory
- Simulation Laboratory
- Measurement and Instrumentation laboratory
- Control System Laboratory
- Process Control Laboratory
- Electrical Machines Laboratory
- Power System Laboratory
- Research Laboratory



Power System Laboratory



Electric Drives Laboratory



Power System Laboratory



Electric Drives Laboratory



Electrical Machine Laboratory



Process Control Laboratory



Electrical Machine Laboratory

**DEPARTMENT OF
ELECTRONICS & COMMUNICATION
ENGINEERING**

PROF.(DR.) ANGSHUMAN CHAKRABORTY
HOD & PROFESSOR
DEPARTMENT OF ELECTRONICS & COMMUNICATION
ENGINEERING

FACULTY MEMBERS

- Prof.(Dr.) Bijoy Kr. Upadhyaya, Professor
- Prof.(Dr.) Angshuman Chakraborty, Professor
- Smt. Ananya Mukherjee, Associate Professor
- Sri Rajib Biswas, Associate Professor
- Sri Jeetu Debbarma, Associate Professor
- Sri Rupanjal Debbarma, Associate Professor
- Smt. Sunita Debbarma, Associate Professor
- Smt. Sutapa Debbarma, Assistant professor
- Dr. Trupa Sarkar, Assistant Professor
- Dr. Abhishek Bhattacharjee, Assistant Professor (Contract)
- Sri Piyush Singh, Assistant Professor (Contract)
- Dr. Dwipjoy Sarkar, Lecturer
- Sri Paufru Mog, Lecturer
- Dr. Nirmalya Das, Lecturer
- Smt. Smita Roy, Lecturer (Contract)

NON TEACHING STAFFS

- Sri Biswajit Sarkar, Foreman
- Sri Pradip Kr. Deb, Sr. Instructor
- Sri. Santanu Bhowmik, Jr. Mechanic
- Sri. Joydhan Muhuri, Jr. Mechanic
- Md. Juled Hossen, Jr. Technician

About the Department:

The Department of Electronics and Communication Engineering, (erstwhile Electronics & Telecommunication Engineering) began its journey in the year 1997 with a diploma Programme. The department started offering UG Programme in 2007 when the erstwhile Polytechnic Institute was upgraded into Degree Engineering College with a new name Tripura Institute of Technology. The Department added a new feather to its cap with the M. Tech. Programme in VLSI and Embedded Systems in the year 2020. The department presently has 09 regular faculties (01 Professor, 06 Associate Professors and 02 Assistant Professors) and 02 contractual faculties in the rank of Assistant Professor in the degree module and 03 regular faculties in the rank of lecturer, and 01 contractual Lecturer in the diploma module. The department has a good number of well-equipped laboratories viz. VLSI Centre of Excellence, Digital & Microprocessor Lab, Simulation Lab, Analog Electronics Lab, Microwave and Communication Lab, Embedded System Lab, e-Yantra Robotics Lab and Project Lab. The UG Programme of this Department was accredited by NBA for the academic year 2019-20 and 2020-21. The department is equipped with smart classrooms and the laboratories and the classrooms are equipped with projectors for facilitating the imparting of audio-visual classes.

Vision of the Electronics and Communication Engineering Department:

To emerge as centre of excellence in the north-east region of the country in the field of Electronics and Tele-communication Engineering

Mission of the Electronics and Communication Engineering Department:

The mission of the Department is to:

- M1. To produce innovative, entrepreneurial and ethically competent engineers by imparting quality technical education.
- M2. To promote an environment of learning beyond class room through dissemination of cross curricular cutting edge knowledge of technologies in electronics and telecommunication.
- M3. To initiate, continue and sustain research and development activities with innovative and useful ideas especially suited for the industrial growth of north-east region of the country.

Programme Educational Objectives (PEOs)

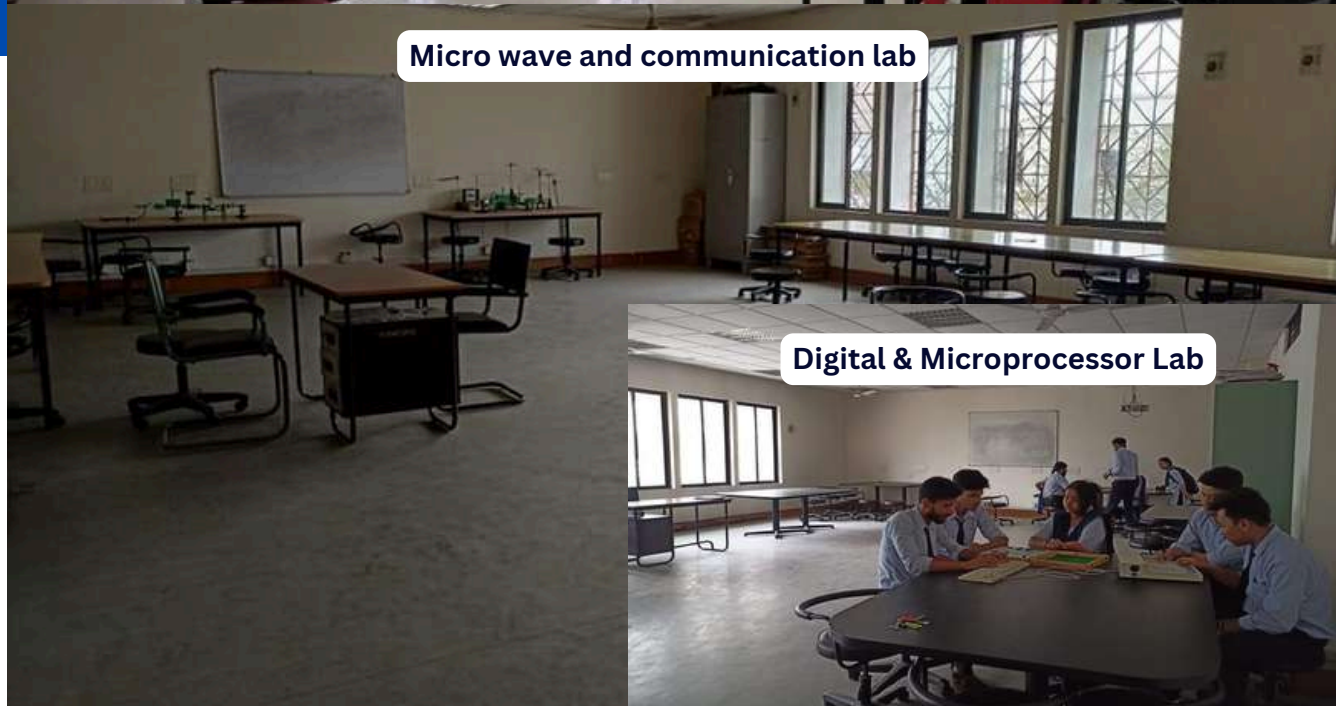
The Graduate engineers will be able to:

- Will excel in industry / higher education with adequate conceptual knowledge of mathematics, basic science, computing and engineering principles.
- Will have the ability to come out with unique and promising technological solutions towards modern engineering and societal problem through a profound skill in engineering and technology.
- Will be able to inculcate self-learning, professionalism, ethical attitude, communication skills, and team work throughout their career.

Name of the Laboratories in Electronics and Communication

Engineering Department

- Analog Electronics Lab
- Digital & Microprocessor Lab
- Simulation Lab
- Communication & Microwave Lab
- Project Lab
- CoE VLSI



**DEPARTMENT OF
COMPUTER SCIENCE &
ENGINEERING ENGINEERING**

**PROF.(DR.) ANKUR BISWAS,
HOD & PROFESSOR
DEPARTMENT OF COMPUTER SCIENCE &
ENGINEERING ENGINEERING**

FACULTY MEMBERS

- Prof.(Dr.) Jhunu Debbarma, Professor
- Prof.(Dr.) Sanjoy Mitra, Professor
- Prof.(Dr.) Shimal Das, Professor
- Prof.(Dr.) Ankur Biswas, Professor
- Sri Bibhash Roy, Associate Professor
- Smt. Chinu Mog Choudhari, Associate Professor
- Sri Gourab Bhattacharya, Associate Professor
- Sri Gautam Pal, Associate Professor
- Sri Pankaj Debbarma, Associate Professor
- Smt. Sudeshna Das, Associate Professor
- Sri Tamar Das, Assistant Professor (Contract)
- Sri Ruman Sarkar, Lecturer (Sr. Scale)
- Smt. Debjani Tripura, Lecturer

NON TEACHING STAFFS

- Smt. Purabi Debbarma, Sr. Programmer
- Smt. Dharmistha Das, Sr. Instructor
- Sri Nijer Bandhu Malsom, Sr. Instructor
- Sri Prasenjit Debbarma, Mechanic

About the Department:

The Department of Computer Science and Engineering (CSE) at Tripura Institute of Technology is a leading educational institution in the North-East India dedicated to fostering the next generation of computer science professionals. The department started its journey from 2007 with a vision to provide quality education and foster technological innovation, the department has been consistently striving for excellence in teaching, research, and industry collaborations since its inception. The department is accredited by NBA since 2018. Presently, the department offers M. Tech. in Data Science, B. Tech. in CSE and Diploma in CST. The Department of CSE encourages research and innovation to stay at the forefront of technological advancements. The faculty members actively engage in research projects, publish in renowned journals, and participate in national and international conferences. The department promote interdisciplinary collaborations and encourage students to participate in research activities, thereby fostering a culture of innovation and discovery. Several National level Faculty Development Programmes are regularly conducted in the department. 3 projects are ongoing in the department under RPS scheme funded by AICTE. The department also recognizes the importance of industry-academia collaboration in bridging the gap between theoretical knowledge and practical applications. To facilitate this, strong ties are established with leading companies and organizations in the IT industry. These collaborations provide opportunities for internships, industrial visits, guest lectures, and joint research projects, enabling our students to gain exposure to real-world challenges and enhance their employability. Department of Computer Science and Engineering (CSE), TIT, has been granted NBA Accreditation for three years with effect from 2025 to 2028.

Vision of the Computer Science and Engineering Department:

To produce quality engineering graduates by imparting quality education and research in the field of computer science & information technology in order to respond to the challenges of the 21st century.

Mission of the Computer Science and Engineering Department:

The mission of the Department is to:

M1. To provide quality professional education in science and technology in fields relating to computer science and information technology that enable students to effectively apply education to solve real-life problems.

M2. To provide a platform for students that helps students to inculcate event management skills and entrepreneurial skills.

M3. To create an ambience that helps students realizing social responsibilities and values of professional ethics.

M4. To conduct research in advanced and application-oriented arena relating to computer and information science involving students which promote continuous learning.

M5. To establish strong bonding with industries.

The program Educational Objectives are as follows:

PEO-1: - To lead a successful career in industries or pursue higher studies or entrepreneurial endeavours.

PEO-2: - To offer techno-commercially feasible and socially acceptable solutions to real life engineering problems.

PEO-3: - To demonstrate effective communication skill, professional attitude and a desire to learn.

Name of the Laboratories in Computer Science and Engg. Dept.

- DBMS and Advanced Programming Lab
- Operating System Lab
- Computer Network & Hardware Lab
- Computer Programming & Simulation Lab
- Digital Image Processing Lab
- Project Lab
- Research Lab
- Central Computing Lab

Hardware and Networking Lab



OS Lab



Image processing Lab



DBMS Lab



**DEPARTMENT OF
MECHANICAL ENGINEERING**

**PROF.(DR.) DIPAK DEBBARMA
HOD & PROFESSOR
DEPARTMENT OF MECHANICAL
ENGINEERING**

FACULTY MEMBERS

- Sri Pankaj Kr. Das - Associate Professor
- Sri Sudip Bhowmik - Associate Professor
- Sri Johnson Debbarma - Associate Professor
- Prof.(Dr.) Biswajit Majumder - Professor
- Sri Arup Datta - Associate Professor
- Prof.(Dr.) Dipak Debbarma - Professor
- Sri Sukanta Das - Associate Professor
- Prof.(Dr.) Debraj Das - Professor
- Dr. Bijoy Kr. Deb - Assistant Professor
- Dr. Manoj Kr. Triveni - Assistant Professor (Contract)
- Sri Debapratim Debnath, Lecturer
- Sri Angkhyajai Mog, Lecturer
- Sri Binay Das, Lecturer
- Sri Udayan Majumder, Lecturer

**PROF.(DR.) DIPAK DEBBARMA
HOD & PROFESSOR
DEPARTMENT OF MECHANICAL
ENGINEERING**

NON TEACHING STAFFS

- Sri Pantha Das, Foreman Instructor
- Sri Tapan Kumar Choudhury, Sr. Instructor
- Sri Tapan Kumar Das, Jr. Mechanics
- Sri Manik Das, Technician
- Sri Mangal Debbarma, Jr. Mechanic
- Sri Sudip Kar, Jr. Technician
- Sri Karna Debbarma, Technician
- Sri JoyrajDebbarma, Jr. Mechanic
- Sri Pankaj Kumar Mallik, Mechanic
- Sri PijoshKanti Roy, Jr Mechanic
- Sri Litan Singha Choudhury, Jr Mechanic
- Sri Sudhangshu Debnath, Jr Mechanic

About the Department:

The Mechanical Engineering Department has started its journey with diploma course in the year of 1958. At present, the department offers UG and PG Programmes along with the Diploma Programme. Commenced in 2007 and 2020 respectively, the UG and PG Programmes are running successfully. The department with a bunch of experienced faculty members and its vision "to create one of the best branches in the country in order to develop quality Mechanical Engineers through excellence for industries as well as society" is moving forward to excel. The faculty team comprises 1 Professors, 8 Associate Professors, 2 Assistant Professors and 4 Lecturers. Total 12 technical staffs are also serving in the department.

In the department, various activities are practiced to develop young minds and prepare them for societal challenges in addition to the normal academic activities of the department. Engineering Education as per the AICTE and NBA guidance is imparted through conventional and digital classrooms, sophisticated laboratories available in the department. Besides, arranging internship for students, organizing technical seminars, workshops, interaction with eminent faculties, industry people from across the country are also carried out in the department.

Vision of the Mechanical Engineering Department:

The vision of the Mechanical Engineering Department is to create one of the best branches in the country in order to develop quality Mechanical Engineers through excellence for industries as well as society.

Mission of the Mechanical Engineering Department:

The mission of the Department is to:

To develop Innovative, entrepreneurial and ethical Mechanical Engineers by imparting quality technical education.

To create collaborative relationship with appropriate industries and prominent academic institutions.

To develop sustainable technology solutions for the benefit of society.

To promote the atmosphere of cross cultural environment to encourage the learning beyond the classroom teaching learning process.

The Programme Educational Objectives are as follows:

PEO-1: - Develop systematic professional approach in the applied field of Mechanical Engineering and multidiscipline with ethical responsibilities.

PEO-2: -Be prepared for team work to understand, analyze and create / design Innovative solutions of the societal problems.

PEO-3: -Initiate and engage others in creation of entrepreneurship as a platform for the employment generations.

PEO-4: Recognize the needs of community and indulge in lifelong learning.

Name of the Laboratories in Mechanical Engineering Department

- Fluid Mechanics (Hydraulics)Lab
- Heat and Mass Transfer Lab
- CAD Lab
- Refrigeration and AC Lab
- Measurement and Metrology Lab
- Thermodynamics Laboratory
- Manufacturing Process lab
- Welding Lab
- IC Engine lab
- Vibration & DOM lab-KOM lab
- Strength of Materials Lab
- Departmental Computer lab
- Material Science lab
- Workshops



DEPARTMENT OF ARCHITECTURAL ASSISTANTSHIP

**PROF.(DR.) SOMDEEP CHAKRABORTY
HOD & PROFESSOR
DEPARTMENT OF ARCHITECTURAL
ASSISTANTSHIP**

FACULTY MEMBERS

- Prof.(Dr.) Somdeep Chakraborty, Professor
- Sri Shib Sekhar Das, Associate Professor
- Sri Debajyoti Dam, Lecturer
- Sri Asis saha, Asst. lecturer
- Sri Mantosh Debnath, Asst.lecturer

About the Department:

The department of architecture assistantship has started its journey since 2008 under Tripura University. Since then the new department has been in the top 5 demanding branch in diploma as observed during the admission/counselling process. After the completion of their diploma courses the students of AA get chances to study degree in both architecture and civil engineering in different govt and private colleges in pan-India including in TIT (through TITLEE). Currently the various government policies are focusing more on creation and development of entrepreneurship. Architects both in diploma and degree level can work as independent consultant and become entrepreneurs. For this, the department has shown huge demand in the society in terms of admission. The average admission to this branch till the COVID outburst was observed to be more than 86%.

As per a report Real-estate sector is expected to boost up in near future to contribute around 15% of GDP of India by 2030. Where there are only 02 (two) govt architecture degree college in the entire North-east to cater the huge demand of professional architect And only 01(one) college offering diploma in Architecture Assistantship in TIT.



DEPARTMENT OF AUTOMOBILE ENGINEERING

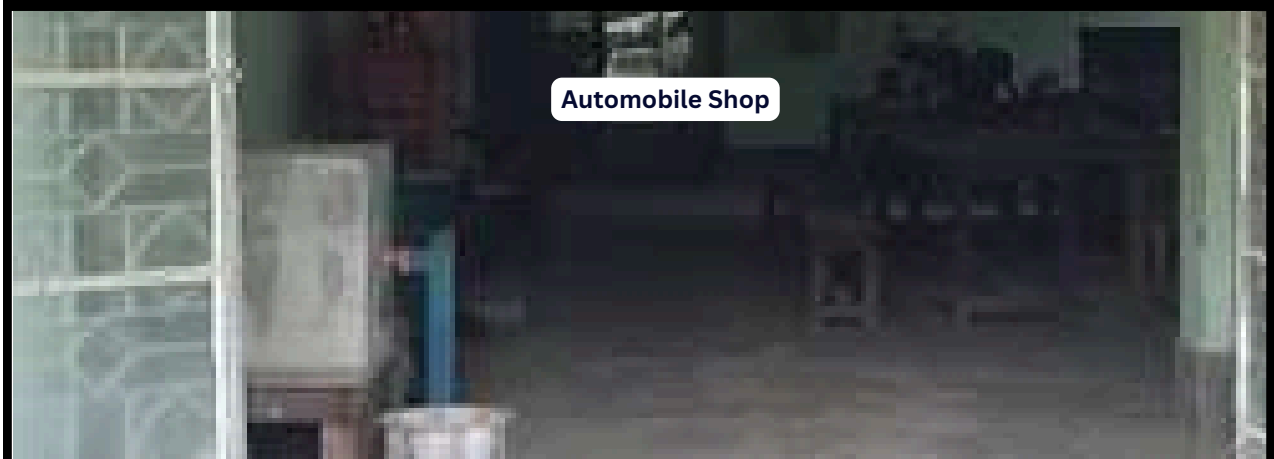
**BISWAJIT DATTA
HOD & ASSOCIATE PROFESSOR
DEPARTMENT OF AUTOMOBILE
ENGINEERING**

FACULTY MEMBERS

- Prof.(Dr.) Bivash Chakraborty, Associate Professor
- Sri Siddhartha Das, Associate Professor
- Sri Biswajit Datta, Associate Professor
- Sri Pratik Saha, Lecturer

About the Department:

The Department of Automobile engineering of TIT (Erstwhile Polytecnic) started its journey in the year of 2003. This department is currently offering Diploma in Automobile Engineering(intake capacity 20). The Programme is approved by AICTE and affiliated to Tripura University (A central University).



DEPARTMENT OF FOOD PROCESSING TECHNOLOGY

PROF.(DR.) JAYANTA CHAKRABORTY
HOD & PROFESSOR
DEPARTMENT OF FOOD PROCESSING TECHNOLOGY

FACULTY MEMBERS

- Prof.(Dr.) Jayanta Chakraborty, Professor, HOD (I/C)
- Dr. Chhaya Das, Assistant Professor

NON TEACHING STAFFS

- Smt. Chandrani Chakraborty, Senior Instructor

About the Department:

The Department of Food Processing Technology at Tripura Institute of Technology is a dynamic and cutting-edge academic unit committed to advancing the field of food processing. Established with a vision to cater to the growing demand for skilled professionals in the food industry, our department aims to provide students with a comprehensive education in food processing, ensuring they are equipped with the necessary knowledge and skills to excel in this vital sector.

Name of the Laboratories in Food Processing Technology Engineering Department

- Food Engineering Drawing
- Food Microbiology Lab
- Food Biochemistry Lab
- Process Instrumentation and Control Lab
- Microbial Technology Lab
- Chemical Engineering Operation Lab
- Food Preservation Technology Lab
- Food Processing Lab
- Food Analysis Lab





DEPARTMENT OF SCIENCE & HUMANITIES

PROF.(DR.) SUBHENDU BANIK
HOD & PROFESSOR
DEPARTMENT OF SCIENCE & HUMANITIES

FACULTY MEMBERS

- Prof.(Dr.) Subhendu Banik , Professor
- Prof.(Dr.) Jayanta Chakraborty, Professor
- Dr. Arjun Kumar De, Associate Professor
- Sri Bidyut Bhattacharjee, Associate Professor
- Dr. Dhananjay Dey, Associate Professor
- Prof.(Dr.) Adwitiya Gope, Professor
- Smt. Atrayee Deb, Assistant Professor
- Dr. Susanta Das Baishnab, Assistant Professor
- Smt. Namita Das, Associate Professor
- Smt. Gopa Sarkar, Post Graduate Teacher
- Sri Nabarun Sarkar, Lecturer
- Sri Rajib Debbarma, Lecturer

NON TEACHING STAFFS

- Smt. Soma Pal, Sr. Instructor

About the Department:

The Department of Science and Humanities of Tripura Institute of Technology has been an integral academic department since the inception of erstwhile Polytechnic Institute. At present, the Department is engaged in teaching multidisciplinary courses of English, Mathematics, Physics, Chemistry, Commerce and Management in Diploma module, Undergraduate and Postgraduate programmes of the Institute. The Department is motivated towards excellence in teaching through innovative techniques, inclusive strategies, and quality-driven egalitarian higher education, to cultivate conscientious citizens for long-term peace, prosperity, and cultural preservation.

Vision of Science and Humanities Department:

To cultivate the young minds belonging to different branches of Engineering discipline so that the development of moral character of young engineering students, their work ethics and capacity for problem -solving can be enhanced in order to develop a peaceful and thriving knowledge community.

Mission of Science and Humanities Department:

1. The mandate of the department is to conduct multidisciplinary teaching courses of English, Mathematics, Physics, Chemistry, Commerce, Management and some other allied subjects as incorporated in the curriculum of different engineering disciplines.
2. To provide cutting - edge laboratory infrastructure in the department of Physics and Chemistry.
3. A state-of-the-art language laboratory is annexed in the department to generate techno-managerial human resource.
4. To cultivate and maintain an academic environment supportive of the creation of intellectually capable and dedicated professionals in order to achieve an effective growth for the regional and national economy.



CENTRE



Our Institute is having its inherent multidisciplinary nature through its diverse streams and concurrent laboratory facilities and we strongly believe inception of the IDEA Lab would be an added feather to this endeavour through its wide spread 24×7 facilities bridging the gap between conceptualization and product development in actual.

As impacted by the advent of Industry 4.0 and its influences on Education 4.0; along with directions NEP 2020; we have noticed that in many cases, learning level of students are restricted within curricular guidelines and they are not getting ready for the larger society. AICTE Idea lab would be a timely solution to this problem. The Idea lab facilities once developed would be integrated into our Curriculum and emphasis would be given on experiential learning, learning by doing. Apart from 'Gurus' all teachers in general would be exposed to the theme of Idea Lab training would be given exposure so that instead of one way lecturing they can make their classes vibrant by showcasing live projects, already developed by them only.

We also plan to extend Idea lab resources both in physical as well as virtual modes through the help of on-premises infrastructure and emerging Cloud and Data Center Technologies.

The IDEA Lab, when setup would add under Mandatory Induction Programme for all students. The lab would also facilitate the same for nearby Institutes, Alumni, Villagers and other stakeholders.

The IDEA Lab would be a perfect platform of experiential learning of students of all disciplines and to be used for up skilling for students with a focus on development of multidisciplinary project group formation and prototype development; following the requirements of NEP2020.

The Lab would be open for the larger society also, opening the window of outreach initiatives by Institute for vocational training of local people, short term courses by various departments.

The lab would be used for Industrial internship of the beginners (after 1st and 2nd year) with a focus on development of interdisciplinary projects.

School students would be invited/trained for hands on experiences, learning by doing.





ABOUT DRONE TECHNOLOGY CENTRE

Drone also known as Unmanned Aerial Vehicles (UAVs), is an aircraft either controlled by 'pilots' from the ground or autonomously following a software controlled flight program that are embedded within their systems. Drone technology is becoming popular day by day and being used in many applications like defence, disaster management, agriculture, traffic monitoring, law enforcement, surveillance, wildlife protection, healthcare in remote locations, videography/photography etc. and the list is increasing. Looking at the opportunity of this technology, Department of Higher Education, Govt. of Tripura has planned to establish a Drone Technology Centre in the only State Govt. run engineering college, i.e. Tripura Institute of Technology (TIT), Narsingarh. The main objective of the Centre is to impart awareness and skill to the engineering students related to operation, maintenance and design of Drone being/to be used in various applications.

LIST OF ACTIVITIES ALREADY EXECUTED:

- 1) One webinar on "Aerial Drone Technology and Applications" was conducted at Tripura Institute of Technology, Narsingarh on 04/03/2022. The purpose of the webinar was to give the brief introduction of Drone technologies and its applications in various fields to engineering students. Dr. Abhishek Bhattacharjee, Assistant Professor of the Electronics and Communication Engineering Department, Tripura Institute of Technology has delivered lecture on the topic of the webinar.
- 2) Second webinar on "Opportunities in Drone Technology for Engineers" was conducted on 5th July 2022 through 'Google Meet' at 2 pm by the Institute. Sri Prem Kumar Vislawath, Founder & Chief Innovator, Marut Drone tech Private Limited, Hyderabad was invited as resource person. Director, Higher Education, Govt. of Tripura and Principal, TIT has also addressed the participants in the webinar. Faculty members and students participated in the webinar.
- 3) Drone Technology Club, TIT has been set up to promote Drone related activities among faculty members and students.

DRONE TECHNOLOGY CENTER



DRONE TECHNOLOGY CENTER



VLSI CENTRE OF EXCELLENCE (COE)

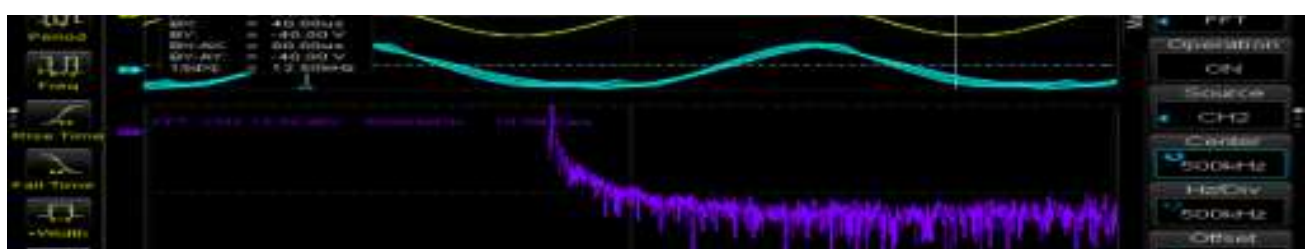
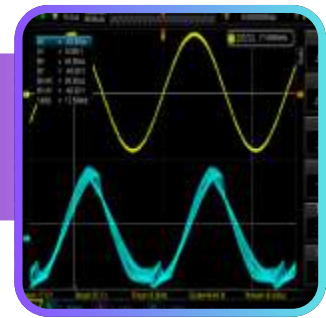


ABOUT

It is matter of proud for all the stake holders of Tripura Institute of Technology, Narshingarh for the establishment of the Centre of Excellence in VLSI in the year 2015. The COE is a joint venture of the Department of Higher Education, Government of Tripura and the Enixs Technology (I) Pvt. Ltd., Chennai which is the India representative of Intel Altera FPGA for the university programme. The COE is housed in Electronics and Communication Engineering (ECE) Department of Tripura Institute of Technology, Narshingarh. With the establishment of this state of art laboratory, the students, faculty members, and staff of the Institute especially of ECE department are enormously benefitted to have the exposure of today's industry standard equipment and software. Such exposure is very much needed for the undergraduate and higher grade students as well as for faculty members so that they remain up to date with the current technology trends. It's been two years of setting up the COE in VLSI and in these two years it can be proudly said that the work which has been initiated is really appreciable. Following are the list of activities which were conducted during this period and it is expected that in the upcoming years more such research activity associated with the field of VLSI and allied area will be carried out. Such activities will be helpful to make TIT as a place for R&D work which is very much necessary for any engineering college in the country.



VLSI CENTRE OF EXCELLENCE (COE)





ABOUT

Tripura Institute of Technology joins Prestigious 100 5G Labs Initiative in a significant stride towards fostering innovation and technological advancement in India, the Tripura Institute of Technology, Narsingarh, has been selected to setup one of the prestigious "100 5G Labs." This announcement comes in the wake of Secretary (Telecom), Dr. Neeraj Mittal's virtual launch of an Experimental License module during a 5G workshop at IIT Madras. The initiative, spearheaded by the Department of Telecommunications (DoT), aims to simplify the process for setting up 100 5G Labs across academic institutions nationwide. These labs will play a pivotal role in nurturing competencies and engagement in 5G technologies among students and start-up communities. Under this Programme, educational institutions will utilize 5G frequency bands to conduct experiments and test various use cases. To ensure interference-free operations for licensed Telecom Service Providers (TSPs), these labs need to obtain an Experimental (Non-Radiating) license from the Department of Telecommunication. The introduction of the "Self-declaration Mode" on the Saralsanchar portal of DoT, through the National Single Window System (NSWS), has streamlined the licensing process. Since its inception in July 2021, approximately 1500 licenses have been granted, marking a significant milestone in promoting innovation and accessibility to 5G technology. Key features of the licensing module include:

Efficiency: The automation of the application process reduces manual effort and time by pre-filling technical specifications and schematic details.

Instantaneous Licensing: Applicants can now obtain the experimental license with a single click, enabling prompt commencement of operations.

Simplified Application: With minimal requirements such as institute address, authorized personnel, and a nominal fee of Rs. 5000, the application process is made accessible to a wider range of institutions. This initiative not only supports innovation but also democratizes access to 5G technology, empowering educational institutions and startups to explore its transformative potential. With Tripura Institute of Technology joining the ranks of the selected institutions, the journey towards technological excellence and advancement in India takes a significant leap forward.





CENTRAL FACILITIES



About Training & Placement Cell

The Training & Placement Cell of TIT communicates different companies for conducting campus interview/mock test of our final semester students. In response to that communication, many companies visit TIT. Students also take part in pool-campus drive and the students have been placed through campus interviews in many organizations. And the other activities are also conducted by the T & P Cell such as internship training, apprenticeship training, soft skill development and employability skill etc.

The Training and Placement Cell (T&P cell) of the institute executes the placement process along with Student placement committee, a student body constituted under the cell. Placement for students is carried out both in offline and online modes. The Training and Placement Cell facilitates the platforms of placement to the students as per the necessary requirement of the recruiters.

Before beginning the placement, the institute notifies through the T&P cell to students to submit their willingness and relevant option form. Based on their choice, the cell prepares the students through different seminars, grooming classes and training programs. In the next stage, listing of prospect companies is prepared and necessary communications are initiated.

The following activities are conducted by the Training & Placement Cell:

1. Placement Drives,
2. Internship Training
3. Apprenticeship Training
4. Soft Skill Development
5. Employability Skill etc.
6. Career Counselling



About Training & Placement Cell

The T&P Cell of TIT is reconstituted with the following Faculty members for carrying out different training and placement activities of the students of TIT.

Committee for Training & Placement and Internship Activities

Sl. No.	Name and Designation	Role in Committee
1	Sri Siddhartha Das, Associate Professor	Co-ordinator, Training & Placement Cell
2	Dr. Dipak Debbarma, Associate Professor, HOD (ME training, Apprenticeship)	Officer In-charge, Internship
3	Smt. Jhuma Mitra, Associate Professor	Member
4	Sri Binay Das, Lecturer	Member
5	Pratik Saha, Lecturer	Member
6	Brigedian Jamatia, Jr. Mechanic	Member

Past recruiters' information

Students have been placed through campus / off campus interviews in the following organisations: Infosys, Capgemini, Wipro, HCL Tech, Cognizant, Byju's.



About NGIN Cell :

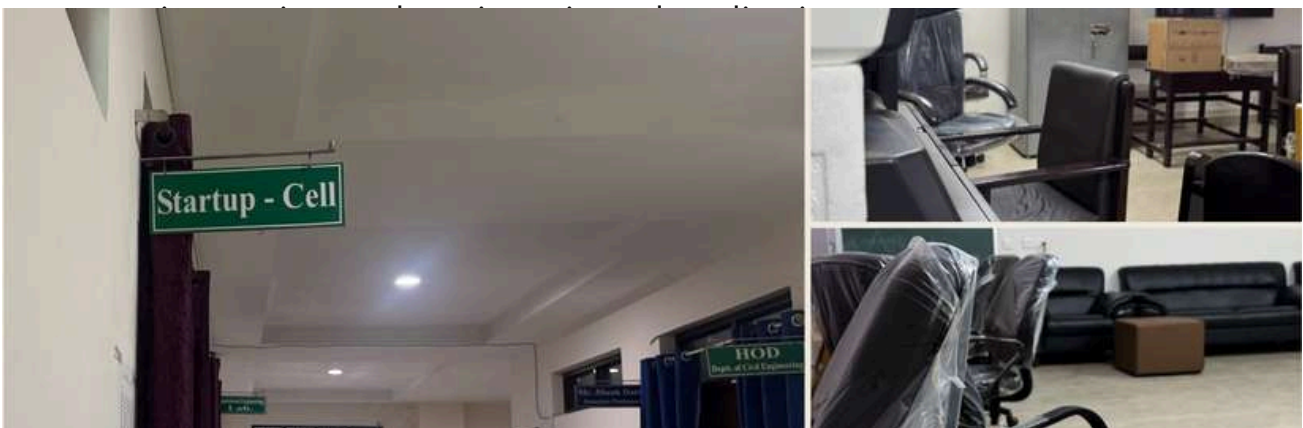
The Government of Tripura's New Generation Innovation Network (NGIN) initiative is a visionary programme aimed at fostering innovation and entrepreneurship in higher education institutions. Under this scheme:

- A one-time grant of ₹10,00,000 (Rupees Ten Lakhs) was sanctioned for the establishment of the Incubation Centre's infrastructure at Tripura Institute of Technology (TIT), Narsingarh).
- An annual operational fund of ₹5,00,000 (Rupees Five Lakhs) is provided for the maintenance and functioning of the centre.
- To support individual student innovations, the scheme allows up to ₹1,00,000 per project, with the Institute undertaking up to five projects per phase.

Activities of NGIN Cell:

Tripura Institute of Technology, in collaboration with the Directorate of Information Technology, Government of Tripura, has implemented the NGIN scheme in multiple phases. A Memorandum of Understanding (MoU) was signed to formalize this partnership, and an Institutional Level NGIN Committee was constituted to guide and monitor the implementation process.

The Institute has dedicated approximately 1000 square feet of area for the Incubation Centre, which is now operational and facilitating various student innovation projects. So far, two batches of projects have been successfully taken up, each comprising a set of five and four projects respectively. The initiatives span across diverse domains such as AI, IoT, education, sustainable agriculture, human-





Under the NGIN initiative, Tripura Institute of Technology has successfully executing two phases of innovation projects, totaling nine student-led initiatives. The first phase featured projects such as an e-Rickshaw transport system, public service and event planning apps, sensor-based interactive systems, and educational content in local languages.

First Phase Projects:

Sl. No.	Project Title	Objective	Faculty Mentor	Department
1	Digital Tom-Tom (e-Rickshaw) Service	Development of tech-enabled e-rickshaw transport solution	Sri Johnson Debbarma	Associate Professor, Mechanical Engineering
2	SEVA App	Public service application with multi-access platform	Prof. Jhunu Debbarma	Professor, Computer Science & Engineering
3	UIE Services	Human-interactive tech using sensors, voice modules, microcontrollers	Prof. Bijoy Kumar Upadhyaya	Professor, Electronics & Communication Engineering
4	Event and Picnic Planner App	Digital platform for event planning and coordination	Sri Bibhash Roy	Associate Professor, Computer Science & Engineering
5	Education Technology Startup in Local Language	Educational video content creation in Kokborok and Bengali	Sri Arijit Banik	Associate Professor, Civil Engineering



The second phase advanced with technology-driven solutions including AI-powered disease detection in pineapple crops, an open-source Learning Management System (LMS), IoT-based air pollution monitoring, and a smart irrigation system for sustainable agriculture.

These projects reflect interdisciplinary collaboration, with active mentorship from faculty across Mechanical, Civil, Electronics & Communication, and Computer Science departments. The initiatives address real-world problems, integrate emerging technologies like AI, IoT, and drones, and promote localized and inclusive innovation aimed at both societal impact and scalability.

Second Phase Projects:

Sl. No.	Project Title	Objective	Faculty Mentor	Department
1	Disease Detection in Pineapple Plantations Using Drones & Generative AI Chatbot	Drone-based detection of diseases and AI guided remedies in local language	Sri Bibhash Roy	Associate Professor, Computer Science & Engineering
2	Development of Learning Management System (LMS)	Customizable open-source LMS for resource constrained institutes	Sri Gautam Pal	Associate Professor, Computer Science & Engineering
3	IoT-Based Air Pollution Monitoring System	Low-cost, real time air quality monitoring using IoT	Sri Ruman Sarkar	Lecturer (Sr. Scale), Computer Science & Engineering

LIBRARY



Tripura Institute of Technology has two libraries. One Central library for degree students and one Polytechnic library for diploma students. The Central Library of Tripura Institute of Technology has been established in 2007 and is now shifted to present building (new building) in 2018. The magnificent functionally convenient building built at heart place of the campus. It occupies built up area of 5403.48 square feet with a seating capacity of 150 students. The library caters the needs of the students, teachers and scholars of the Institute. All the students, faculties and staff are eligible for library membership of the Institute. Library working hour starts from 10.30 am to 5 pm. Every member can borrow maximum number of 5 books.

The Library housed 74496 nos. of text books & reference books. The library organized books and other information applying DDC classification scheme 22nd edition. The library also provides online access of 723 nos. e-books. Library users can access online e-journal & e-books from any terminal of the Institute.

Plagiarism software is available in the central library of TIT. e-Granthalaya work is in progress. This Library provides 469 nos. of e-journals (Engineering-197, Computer Science-107, Earth and Environment Science-165 nos.) for the library members of this institute.

Tripura Institute of Technology (TIT), Narsingarh, stands to gain significantly from the One Nation One Subscription (ONOS) scheme, which offers free, unified access to high-impact international journals. Starting January 2025, TIT's students, faculty, and researchers will be able to access scholarly content from 30 leading publishers via the ONOS portal.

This initiative eliminates the need for individual subscriptions and supports interdisciplinary research, innovation, and academic excellence. It especially benefits institutions in Tier 2 and Tier 3 cities by providing equal access to global research resources. Coordinated by INFLIBNET and supported by the Government of India, ONOS is a strategic step toward strengthening India's position in the global research landscape.

LIBRARY



CENTRAL COMPUTING FACILITIES



Tripura Institute of Technology has a well-developed Central Computing Facility. There is an air-conditioned central computer laboratory, having 100 well equipped computers and has a continuous power supply. In this laboratory connections provide unlimited Internet usage facility. The Central Computing facility is maintained to fulfil general computing needs of both, students and teachers, plays key role in teaching and learning process. Computers are of which are equipped with Intel Core i5 / Core i3 processors, 8GB / 4GB RAM, and TFT monitor, as well as the operating systems Windows 10. This is for common usage of the students of all departments and as well as national level competitive examinations are conducted in this lab.



AUDITORIUM



The Tripura Institute of Technology (TIT), located in Narsingarh, Agartala, features an auditorium that serves as a hub for various academic and extracurricular activities. It hosts seminars, cultural programs, guest lectures, workshops, and official events, providing a dynamic space for student and faculty engagement. The auditorium is estimated to accommodate around 1000 people and is equipped with essential audio-visual aids and stage facilities to support a range of functions. Though detailed technical information is limited, the auditorium plays a vital role in enriching campus life and fostering an environment of learning, collaboration, and community interaction.



CANTEEN





STUDENTS' ACTIVITIES

ANNUAL SPORTS AND CULTURAL WEEK



The Sports and Cultural Week 2025 at Tripura Institute of Technology (TIT), Narsingarh, was a vibrant and engaging celebration held from 3rd to 12th February 2025. The event brought together students from all departments to participate in a variety of cultural and sports activities. Cultural events included Rangoli, solo and group singing (Rabindra Sangeet, Nazrul Geeti, folk, and modern), recitation, painting, photography, and various dance forms including classical, folk, and patriotic. Students also took part in extempore speech and the popular “Mr. & Miss TIT” contest, which showcased their confidence, creativity, and stage presence. Sports competitions included track and field events, indoor and outdoor games, and individual contests that emphasized discipline, team spirit, and healthy competition.

The valedictory ceremony, held on 12th February at the New Auditorium, was graced by Chief Guest Prof. S. K. Patra, Director of NIT Agartala, and special guest Mrs. Sasmita Patra. The event featured cultural performances, prize distribution, and inspiring speeches by dignitaries. A special felicitation was given to Sri Asis Saha for his exceptional craftsmanship in creating the Saraswati idol, which added a spiritual and artistic touch to the celebration. Prof. S. K. Patra was also honored for his gracious presence and encouragement to the students. The success of the week-long program was made possible by the collective efforts of faculty, staff, and students. It served as a meaningful platform for students to express their talents and helped strengthen the spirit of unity, creativity, and sportsmanship within the TIT community.



ANNUAL SPORTS AND CULTURAL WEEK



TECH FEST



TECHFEST-2024 was successfully organized in TIT campus with a huge participation students from different academic levels took participation in technical events in different corners of the institute campus.

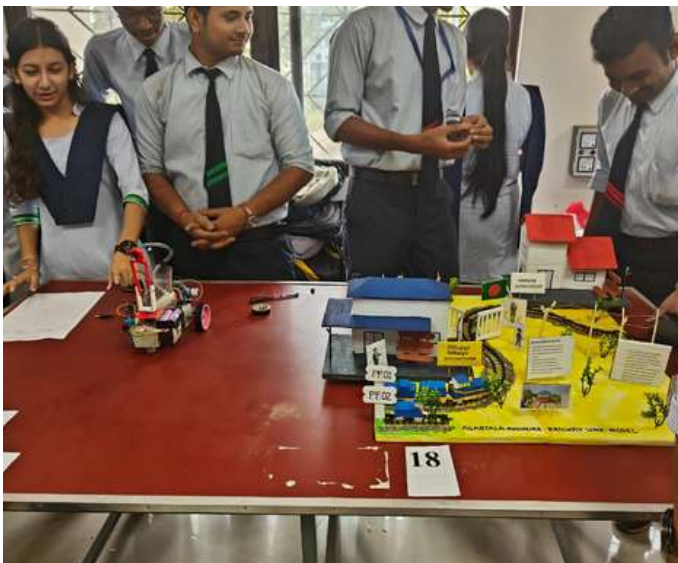
All the academic departments participated in organizing the following events of technical essence

- Draughting Competition,
- Structural design competition,
- Town planning skill,
- Tech-knowledge Quiz,
- Robotic competition,
- Circuit debugging,
- Pictostage,
- Drone design,
- Code-wars.
- Technology-Hackathon,
- Computer assembling,
- Gear-up-my-brain',
- Glow n win, Buzz-wire, ,
- CAD Gallery,
- Poster-competition and many more...

The 'Model exhibition' organised on the ground floor of the library building became the centre of attraction during these days. Approximately 38 numbers of scientific models prepared by the students were displayed to justify the technical environment of the fest.

In addition to these, few more events (like-debate, Quiz etc.) were also included from time to time to enhance the flavour of the Fest. Finally, the TECHFEST-2024 was ended up through a fascinating prize distribution ceremony followed by an interactive cultural programme.

TECH FEST



MEMORANDUM OF UNDERSTANDING(MOU)



1. MEMORANDUM OF UNDERSTANDING(MOU) BETWEEN

**Tripura Institute of Technology
Directorate of Higher Education
Government of Tripura**

&

**National Institute of Electronics and Information technology
(NIELIT), Agartala
Ministry of Electronics & Information Technology
Government of India**

Tripura Institute of Technology, Narsingarh, Agartala, Tripura, India and National Institute of Electronics and Information technology (NIELIT), Agartala, established relations between two institutions, agree to cooperate with each other

2. Memorandum of Understanding

between

Tripura Institute of Technology Narsingarh, Tripura, India

&

Providence University, Taichung, Taiwan.

Tripura Institute of Technology, Narsingarh, Agartala, Tripura, India and Providence University, Taichung, Taiwan, established relations between two institutions, agree to cooperate with each other

ACADEMIC EXCELLENCE AWARD 2025



ACADEMIC EXCELLENCE AWARD 2025

Tripura Institute of Technology has organised an Academic Excellence Award Ceremony 2025 on 07.05.2025 to felicitate and congratulate the students of the Institute with outstanding academic performance. Such students deserve award and recognition for several accomplishments, including good academic performance, a demonstration of their love of learning, or because they have shown exemplary attitude and behavior. Some will lead by example while others will commit to learn, no matter the obstacles. Few of our B.Tech students have successfully qualified the GATE Examination which reflects their dedication, hard work and academic excellence. We extend our heartfelt congratulations and best wishes for them.

GATE Qualifiers 2025

1. Prakash Debbarma - Civil Engineering
2. Tusar Chakma - Civil Engineering
3. Pritam Das - Civil Engineering
4. Sourav Debnath - Computer Science Engineering
5. Riddheswar Banik - Computer Science Engineering
6. Paramita Debbarma - Computer Science Engineering

B.Tech Toppers

4th Year

1. Swarupa Debnath - Civil Engineering
2. Abinash Banik - Computer Science Engineering
3. Rashmi Bhakta - Electronics & Communication Engineering
4. Ratnadeep Pal - Mechanical Engineering
5. Subrata Sukla Das - Electrical Engineering

3rd Year

1. Pritam Rabi Das - Civil Engineering
2. Ayana Ghosh - Computer Science Engineering
3. Shreya Banik - Electronics & Communication Engineering
4. Dipankar De - Electrical Engineering
5. Smair Khan Reng - Mechanical Engineering

ACADEMIC EXCELLENCE AWARD 2025



B.Tech Toppers

2nd Year

- Swarupa Debnath - Civil Engineering
- Arijit Choudhury - Computer Science Engineering
- Ishan Saha - Electrical Engineering
- Diya Singha - Electronics & Communication Engineering
- Arghyadeep Deb - Mechanical Engineering

1st Year

- Anamika Baishya - Computer Science Engineering

Diploma Toppers

3rd Year

1. Aparna Debnath - Electrical Engineering
2. Sangita Rabi Das - Electronics & Telecommunication Engineering
3. Sayantika Das - Civil Engineering
4. Aniketh Ghosh - Computer Science & Technology
5. Koushik Debnath - Mechanical Engineering
6. Jalil Miah - Architectural Assistantship

2nd Year

1. Nilima Das - Electrical Engineering
2. Subhasish Dey - Electronics & Telecommunication Engineering
3. Debashri Chowdhury - Civil Engineering
4. Moupiya Purkaystha - Computer Science & Technology
5. Gramcs Reang - Mechanical Engineering
6. Kajal Debnath - Architectural Assistantship

1st Year

1. Nilkamal Debnath - Computer Science & Technology

M.Tech Toppers

1st Year

1. Biswasjit Datta - Data Science
2. Nishankar Debnath - Power and Energy System

2nd Year

1. Dharmistha Das - Data Science
2. Priya Debbarma - Power and Energy System
3. Udayan Chakraborty - VLSI
4. Rahul Deb - Thermal Engineering

ACADEMIC EXCELLENCE AWARD 2025



STUDENTS' CLUBS



Committee for Different Clubs & Forums

Sl. No.	Name	Role in Committee
1	Dr. Adwitiya Gope	Member
2	Smt. Atrayee Deb	Member
3	Sri Biswajit Sarkar	Member
4	Sri Gautam Pal	Member
5	Dr. Jayanta Chakraborty	Member Secretary

FOSS Club

To develop coding skill among engineering students and to do event in collaboration with Professional Bodies like IE (I), CSI, CRSI etc a FREE & OPEN SOURCE SOFTWARE(FOSS) CLUB was set up in Computer Sc & Engg Department, Tripura Institute of Technology, Narsingarh so as to engage students for regular participation in their learning. The activities in this club include organizing workshops, seminars, interactive sessions, group discussion, webinar, Industry Visit etc. FOSS Club was inaugurated on 22nd September, 2023 in CSE Dept., TIT, Narsingarh.

Yuva Tourism club

Tourism clubs are an important aspect for promoting responsible and sustainable tourism in the country. It was established in the year of 2022. The initiative would help in developing the night culture among the youth of the country through formulating social clubs at various academic institutions.

The main objective of the club is:

- To educate the students about diverse cultures and geographies of the country.
- To appreciate the importance of travel and tourism in education.
- To create awareness about tourism opportunities at an early stage.
- Various activities has been organized in the institution under this club such as quiz, painting, poster designing competition, Cultural programmes, plantation programmes etc.

Robotics Club

Five no of faculty members from TIT who constituted the TBT team for elsi along with five other colleges which were the part of online inauguration of e-Yantra robotic lab at their respective institutions and Dr. Kavi Arya, Principal investigator of elsi setup, IIT Mumbai. The TBT team from TIT was recognized as most active team and each of the TBT team members were awarded cash prize.

ANTI RAGGING COMMITTEE



The Anti Ragging Committee of this Institute was constituted with the following members as per the direction of the Hon'ble Supreme Court and AICTE norms. The Committee as formed would be taking appropriate measures as and when required to prevent and curb the menace of ragging at its root until the new Committee is constituted.

ANTI RAGGING COMMITTEE

Sl. No	Members of the Committee	Role in the Committee
1	Principal, Tripura Institute of Technology, Narsingarh.	Chairman
2	Prof. Jhunu Debbarma, Dean Academic, TIT.	Member
3	Prof. Kaberi Majumder, Associate Professor, TIT.	Member
4	Sri. Bidyut Bhattacharjee, Associate Professor & HO, TIT.	Member
5	Sri. Rupanjal Debbarma, Associate Professor, TIT.	Member
6	The BDO, Bamutia Block.	Member
7	The Officer-in-charge, Airport P.S.	Member
8	Secretary, Press Club, Agartala.	Member
9	Sri. Snehashis Bhattacharjee, Vice President (Agnibarta Welfare Society, Reg. No: 9149 of 2023).	Member
10	Sri. Pantha Das, Foreman Instructor, TIT.	Member
11	Smt. Shilpi Biswas, PA-1, TIT.	Member
12	Dr. Angshuman Chakraborty, Associate Professor, TIT.	Member Secretary
13	Sri. Tinku Chakraborty, parent of Smt. Tanisha Chakraborty, Mob: 8974598228.	Member
14	Sri. Madhav Debnath, parent of Sri. Arpan Debnath, Mob: 8837402114.	Member
15	Smt. Tanisha Chakraborty, Student of 1st Year Degree, CSE, TIT.	Member
16	Sri. Arpan Debnath, Student of Diploma 1st Year, CSE, TIT.	Member
17	Smt. Antariksha Datta, Student of Diploma 2nd Year ETCE, TIT.	Member
18	Smt. Debarpita Deb, Student of Degree 2nd Year, CSE, TIT.	Member
19	Sri. Biswajit Datta, Student of M.Tech 2nd Year, Data Science, TIT.	Member

ANTI RAGGING SQUAD & DISCIPLINE COMMITTEE



An Anti Ragging Squad was constituted with the following faculty members & staffs of this Institute as a part of monitoring mechanism for prevention and prohibition of any act of mischief that constitutes ragging under AICTE guide documents. The committee is further vested with the responsibilities to look into & monitor students discipline at the Institute and all kinds of welfare activities related to students in order to highlight, protect and ensure the Institutes fame & reputation. For any urgency regarding ragging or other in discipline activities students or guardians may contact with the following members

ANTI RAGGING SQUAD

Anti Ragg. Squad No.	Place of Jurisdiction	Name & Designation of Squad Member	Mobile No.	Position in Squad
1	Whole Diploma campus including JCB, Workshop, Canteen, academic, FPT Block & administrative blocks and all common places.	Sri Pankaj Kr. Das, Associate Prof.	9431617170	Convener
		Sri Sadhan Sarkar, Associate Prof.	9774599318	Member
		Sri Ruman Sarkar, Lecturer(Sr. Scale)	9774142943	Member
		Dr. Dwijoy Sarkar, Lecturer	8974972511	Member
		Shri Debapratim Debnath, Lecturer	8580853334	Member
		Sri Pratik Saha, Lecturer	9436333342	Member
		Smt. Ananya Majumder, Lecturer	8787529213	Member
		Shri Debajyoti Dam, Lecturer	8580853343	Member
		Sri Apurba Kr. Das, Asst. Lecturer	9862860637	Member
		Sri Tapan Kr. Choudhury, Sr. Inst.	9862026938	Member
Smt. Chandrani Chakraborty, Inst.	9774912944	Member		
2	Mechanical Block of Degree Campus.	Sri Debraj Das, Associate Prof.	7003505472	Convener
		Sri Jhonson Debbarma, Associate Prof.	9436165743	Member
3	CSE/EE Block of Degree Campus	Prof. Sanjoy Mitra, Professor	9402599418	Convener
		Dr. Kabir Chakraborty, Associate Prof.	9436548880	Member
		Smt. Sudeshna Das, Associate Prof.	9612114866	Member
4	ECE/EE Block of Degree Campus	Sri Jeetu Debbarma, Associate Prof.	9403282435	Convener
		Smt. Ananya Mukherjee, Associate Prof.	9436514252	Member
		Sri Sajal Debbarma, Associate Prof.	9402159016	Member
5	Civil Block of Degree Campus	Sri Manoj Jamatia, Associate Prof.	9436121461	Convener
		Sri Sabbir Kr. Jamatia, Asst. Prof.	9612461607	Member
		Smt. Jhuma Mitra, Associate Prof.	9436927196	Member
6	Sc. & Hu. Block of Degree Campus	Sri Susanta Das Baishnab, Asst. Prof.	9436182811	Convener
		Smt. Namita Das, Associate Prof.	9436545622	Member
7	Common Places in whole Degree Campus including Workshop, Library, Canteen, bank etc. and bus service.	Dr. Arjun Kr. De, Associate Prof.	9436461128	Convener
		Prof. Shimal Das, Professor	9774324301	Member
		Dr. Angshuman Chakraborty, Associate Prof..	9366342341	Member
		Sri Bharat Sarkar, Associate Prof.	9862871696	Member
		Sri Sukanta Das, Associate Prof.	9436589793	Member

GRIEVANCE REDRESSAL COMMITTEE



As per AICTE norms and also direction of the Department of Higher Education a 'Grievance Redressal Committee' was constituted for this Institute with the following members, for Redressal of the grievances indicated by the students, if any, with immediate effect.

Grievance Redressal Committee

Sl. No	Name and Designation	Will serve as	Phone No. and Email ID	Title of Grievances
1	Prof. Kaberi Majumder, Professor	Administrator	9436480103 majumdark5908@gmail.com	Over all supervision of the committee
6	Prof. Sanjoy Mitra, Professor	Member	9402594918 mail.smitra@gmail.com	Provision of student amenities
7	Sri Sadhan Sarkar, Associate Professor	Member	7005400014 sadhanda9@gmail.com	i) Refusal to return documents such as certificates ii) Demand of money in excess of the specified fees iii) Examination and result related issues
4	Dr. Jayanta Chakraborty, Associate Professor	Member	9436503325 jctit@rediffmail.com	Student harassment and victimization
9	Sri Bidyut Bhattacharjee, Associate Professor	Member	9436557287 bhattacharjeebidyut@gmail.com	Any other issue
3	Smt. Namita Das, Associate Professor	Member	9436454622 namitadas.phy@gmail.com	Discrimination faced by students from SC/ST/Minority/Women/Disabled Categories
2	Sri Biswajit Datta, Associate Professor	Member	7005496815 bdatta2001@gmail.com	i) Denial of quality education ii) Regarding non-transparent and unfair evaluation process iii) Related to Admission iv) Refund of fees on withdrawal of admissions
5	Dr. Adwitiya Gope, Associate Professor	Member	9436483764 adwitival07@rediffmail.com	Related to Admission
10	Smt. Sunita Debbarma, Associate Professor	Assistant Administrator	9436767273 sunitadebb@gmail.com	Assist the administrator in overall supervision of the committee
8	Sri Sabbir Kr. Jamatia, Assistant Professor	Member	8837414795 sabbirkumjamatia@gmail.com	Non-payment or delay in payment of scholarships

COMMITTEE FOR “SEXUAL HARASSMENT OF WOMEN AT WORKPLACE”



A new committee was constituted with the following officers/staff to look into and ensure safety and security of the girl students and other women employees of this Institute through monitoring the existing security arrangements. This has been formed as per “Sexual Harassment of Women at work place (Prevention, Prohibition and Redressal) Act, 2013”.

Committee Member Details

Sl. No.	Name & Designation	Assignment	Email	Phone No.
1	Prof. Jhunu Debbarma, Professor, TIT	Chairman	jhunudb@gamil.com	9436122189
2	Prof. Gitanjali Saha, Professor, TIT	Member	gitanjalitit@gmail.com	9402155594
3	Smt. Namita Das, Assistant Professor, TIT	Member	namitadas1975@rediffmail.com	9436454622
4	Smt. Shilpi Biswas, PA to Principal, TIT	Member	shilpibiswaspa@gmail.com	9436546877
5	Smt. Sarmistha Majumder, Instructor, TIT	Member	majumdersarmistha69@gmail.com	8837237122
6	Miss. Ayushmita Chakraborty, Diploma 2nd Year	Member	ayushmitachakraborty525@gmail.com	8258857998
7	Miss. Deblina Dabnath, Diploma 2nd Year	Member	deblinadabnath22@gmail.com	9774190905
8	Miss. Rupali Debbarma, Diploma 2nd Year	Member	debbarmarupali69@gmail.com	6009968688



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
New Delhi NOTIFICATION Dated 01-07-2009

Sub: Prevention and prohibition of Ragging in technical Institutions, Universities including Deemed to be Universities imparting technical education.

F.No.37-3/Legal/AICTE/2009 - In exercise of the powers conferred under Section 23 read with Section 10 (b), (g), (p) and (q) of AICTE Act, 1987, the All India Council for Technical Education, hereby makes the following Regulations:-

(i) Short title and commencement:- These Regulations may be called the All India Council for Technical Education (Prevention and Prohibition of Ragging in Technical Institutions, Universities including Deemed to be Universities imparting technical education) Regulations 2009.

(ii) They shall come into force on the date of the notification.

2. Objectives:-

In view of the directions of the Hon'ble Supreme Court in SLP No. 24295 of 2006 dated 16-05- 2007 and in Civil Appeal number 887 of 2009, dated 08-05-2009 to prohibit, prevent and eliminate the scourge of ragging including any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student, or indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in any fresher or any other student or asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student, with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student, in all higher education institutions in the country, and thereby, to provide for the healthy development, physically and psychologically, of all students, the All India Council for Technical Education, (AICTE) brings forth these Regulations.



3. Definitions:-

(a) "Act" means the All India Council for Technical Education Act 1987 (52 of 1987);

(b) "Technical Institution" means an institution of Government, Government Aided and Private (self financing) conducting the courses/programmes in the field of technical education, training and research in Engineering, Technology including MCA, Architecture, Town Planning, Management, Pharmacy, Hotel Management & Catering Technology, Applied Arts & Crafts and such other programmes and areas as notified by the Council from time to time;

(c) "University" means a University defined under clause (f) of section 2 of the University Grants Commission Act, 1956 and includes an institution deemed to be a University under section 3 of that Act.

(d) "Academic year" means the period from the commencement of admission of students in any course of study in the institution up to the completion of academic requirements for that particular year.

(e) "Head of the institution" means the Vice-Chancellor in case of a university or a deemed to be university, the Principal or the Director or such other designation as the executive head of the institution or the college is referred.

(f) "Fresher" means a student who has been admitted to an institution and who is undergoing his/her first year of study in such institution.

(g) Words and expressions used and not defined herein but defined in the Act or in the General Clauses Act, 1887, shall have the meanings respectively assigned to them in the Act or in the General Clauses Act, 1887, as the case may be. And

(h) All other words and expressions used herein and not defined but defined in the All India Council for Technical Education Act, 1987 (52 of 1987), shall have the meanings respectively assigned to them in the said Act;



4. What constitutes Ragging: - Ragging constitutes one or more of any of the following acts:

a. any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student;

b. indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student;

c. asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student;

d. any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher;

e. exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.

f. any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students;

g. any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person;

h. any act or abuse by spoken words, emails, posts, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student;

i. any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

5. Measures for prevention of ragging:-



It shall be mandatory for every technical Institution, University, deemed to be University imparting technical education to take following measures for prevention of ragging at such institutions.

1.The advertisement issued for admission by a technical institution, University including Deemed to be University concerned and/or the admission authority/affiliating University/State Govt./UT/Central Govt. as the case may be, shall clearly mention that ragging is totally banned and anyone found guilty of ragging and/or abetting ragging is liable to be punished.

2.The 'Prospectus' and other admission related documents shall contain directions of the Supreme Court Affiliating University/admission Authority/State Govt/Central Govt. shall make it mandatory for the institutions under their jurisdiction to compulsorily incorporate such information in their 'Prospectus'. These Regulations shall be printed in the brochure of admission/instruction booklet for candidates.

3.The application form for admission/enrolment shall have a printed affidavit, preferably both in English and Hindi and/or in one of the regional languages. The affidavit should be filled up and signed by the candidate to the effect that he/she is aware of the law regarding prohibition of ragging as well as the punishments, and that he/she, if found guilty of the offence of ragging and/or abetting ragging, is liable to be punished appropriately.

1.The application form shall also contain a printed affidavit, preferably both in English and Hindi and/or in one of the regional languages and the affidavit should be signed by the parent/guardian of the applicant to the effect that he/she is also aware of the law in this regard and agrees to abide by the punishment meted out to his/her ward in case the latter is found guilty of ragging and/or abetting ragging.

2.The application for admission shall be accompanied by a document along with the School Leaving Certificate/Character Certificate which shall include a report on the behavioral pattern of the applicant, so that the institution can thereafter keep intense watch upon the student who has a negative entry in this regard.



3.A student seeking admission to the hostel shall have to submit another affidavit along with his/her application for hostel accommodation that he/she is also aware of the law in this regard and agrees to abide by the punishments meted out if he/she is found guilty of ragging and/or abetting ragging.

4. Every technical institution, University including Deemed to be University imparting technical education shall maintain a proper record of the affidavits obtained to ensure its safe up keep thereof, including digital copies of the affidavits and such digital copy should be made available to the AICTE or to an Agency identified/nominated by AICTE.

5. The AICTE or an Agency identified/nominated for the purpose and affiliating Universities and Directorate of Technical Education of the concerned State Govt./UT shall maintain an appropriate data base of the affidavits in the digital form obtained from every student at the time of admission to the technical institutions, Universities including Deemed to be Universities imparting technical education.

6. Each batch of freshers should be divided into small groups and each such group shall be assigned to a member of staff. Such staff member should interact individually with each member of the group on daily basis to ascertain the problems/difficulties, if any faced by the freshers in the Institution and extend necessary help.

7. In case of freshers admitted to a Hostel it shall be the responsibility of the teacher in-charge of the group to co-ordinate with the warden of the Hostel and to make surprise visits to the rooms in the hostel where the members of the group are lodged. Freshers should be lodged in a separate hostel block wherever possible and where such facilities are not available, the college/institution shall ensure that seniors' access to freshers' accommodation is strictly monitored by wardens, Security Guards and Staff.

8. Every institution should engage or seek the assistance of professional counselors at the time of admissions to counsel 'freshers' in order to prepare them for the life ahead, particularly for adjusting to the life in hostels.



At the commencement of the academic session the Head of the technical Institution, University including Deemed to be University imparting technical education shall convene and address a meeting of various functionaries/agencies, like Wardens, representatives of students, parents/guardians, faculty, district administration including police, to discuss the measures to be taken to prevent ragging and steps to be taken to identify the offenders and punish them suitably.

9. Every fresher admitted to the technical Institution, University including Deemed to be University imparting technical education shall be given a printed information booklet detailing when and whom he/she has to turn to for help and guidance for various purposes (including Wardens, Head of the institution, members of the anti-ragging committee, relevant district and police authorities), addresses and telephone numbers of such persons/authorities, etc.

10. The technical institutions, University including Deemed to be University imparting technical education through the information booklet mentioned above shall explain to the new entrants the arrangements for their induction and orientation which promote efficient and effective means of integrating them fully as students.

1. The information booklet mentioned above shall also tell the freshers about their rights as bona fide students and clearly instructing them that they should desist from doing anything against their will even if ordered by the seniors, and that they have nothing to fear as the institution cares for them and shall not tolerate any atrocities against them.

2. The information booklet mentioned above shall contain a calendar of events and activities laid down by the institution to facilitate and complement familiarization of juniors with the academic environment of the institution.

3. To make the community at large and the students in particular aware of the dehumanizing effect of ragging, and the approach of the institution towards those indulging in ragging, big posters (preferably with different colors for the provisions of law, punishments, etc.) shall be prominently displayed on all Notice Boards of all departments, hostels and other buildings as well as at vulnerable places. Some of such posters shall be of permanent nature in certain vulnerable places.



4.The technical Institution, University including Deemed to be University imparting technical education shall request the media to give adequate publicity to the law prohibiting ragging and the negative aspects of ragging and the institutions 's resolve to ban ragging and punish those found guilty without fear or favor.

5.The technical Institution, University including Deemed to be University imparting technical education shall identify, properly illuminate and man all vulnerable locations.

6.The technical Institution, University including Deemed to be University imparting technical education shall tighten security in its premises, especially at the vulnerable places. If necessary, intense policing shall be resorted to at such points at odd hours during the early months of the academic session.

7.The technical Institution, University including Deemed to be University imparting technical education shall utilize the vacation period before the start of the new academic year to launch wide publicity campaign against ragging through posters, information booklets, seminars, street plays, etc.

8.The faculties/departments/units of the technical Institution, University including Deemed to be University imparting technical education shall have induction arrangements (including those which anticipate, identify and plan to meet any special needs of any specific section of students) in place well in advance of the beginning of the academic year with a clear sense of the main aims and objectives of the induction process.

9.Mobile Phones and other communication devices may be permitted in residential areas including hostels to provide access to the students particularly freshers, to reach out for help from teachers, parents and Institution authorities.

6.Monitoring mechanism in technical institution, University including Deemed to be University imparting technical education:-

a)Anti-ragging Committee: Every institution University including Deemed to be University imparting technical education shall constitute a Committee to be known as the Anti- ragging Committee to be nominated and headed by the Head of the Institution, and consisting of representatives of civil and police administration, local media, Non Government Organizations involved in youth activities, representatives of faculty members, representatives of parents, representatives of students belonging to the freshers' category as well as senior students, non-teaching staff; and shall have a diverse mix of membership in terms of level as well as gender.