



TRIPURA UNIVERSITY
(A Central University)
Suryamaninagar-799022, West Tripura

No.F.TU/Admission/UG/AIML/Notice-2023-1

Date: 27/04/2023

ADMISSION NOTIFICATION: 2023-24

New In House UG Programme “Bachelor of Technology (B.Tech) in Artificial Intelligence and Machine Learning”

Online applications are invited from Indian students for admission to the regular mode of new In House UG Programme “**Bachelor of Technology (B.Tech) in Artificial Intelligence and Machine Learning**” under joint collaboration of Department of Mathematics and Department of Computer Science and Engineering of Tripura University for the academic session 2023-24. The admission will be conducted through Tripura University Entrance Test-2023 (TUET-2023) conducted by Tripura University. Applicants have to apply online by submitting the application form. The details of eligibility criteria and application form are available in the university website <https://tripurauniv.ac.in/Page/Admission>. The deadline for submission of online application for students is till 27/05/2023. The date of entrance test will be notified later.

(Dr. Deepak Sharma)
Registrar
Tripura University

General Information for Indian Applicants Seeking Admission in the New In House UG Programme “Bachelor of Technology (B.Tech) in Artificial Intelligence and Machine Learning” for Academic Session 2023-24

- Online applications portal is open for Indian applicants for admission in the New In House UG Programme “Bachelor of Technology (B.Tech) in Artificial Intelligence and Machine Learning” of Tripura University for the academic session 2023-2024 in the university website www.tripurauniv.ac.in.
- Applicants for admission to the programme should apply online only using Tripura University admission portal: <https://tripuraunivadm.samarth.edu.in/>
- The online application portal shall remain open **from 28.04.2023, 10:00 AM (IST) to 27.05.2023, 5:00 PM (IST)**.
- Applicants must read all the instructions carefully before registration and filling up the application form online.
- During online registration, an applicant will be asked to provide an e-mail id and a mobile number, and the login details will be sent to the provided e-mail id or the given mobile number via SMS, and in future all correspondences in this regards will be made to this email id and the given mobile no. via SMS. It is recommended that the applicants change their password on the first log in, if they so wish.
- It is mandatory to retain the e-mail and mobile number till the final admission to the university.
- After successful login applicants may fill their Admission Form.
- If an applicant does not have all required information at the time of filling the form, he/she can save the incomplete application as a draft (by clicking on 'Save as Draft' button) and log out. This draft can be recovered later by the applicant to complete the rest of the application form. Applicants are advised to save the data as draft after filling up information or after any modification in each page.
- The Indian applicants may download the application form from the website of the university after successful final submission.
- Intake Capacity of the Programme is 15 (Fifteen). However, the intake capacity may **be increased or decreased** at the last moment of admission procedure if Tripura University authority **desire** so.
- The requisite fees for submission of application form will be as follows:
 - **Requisite Fee for UR / EWS & OBC – Rs. 800.00 (Rupees eight hundred only).**
 - **Requisite Fee for SC/ST/PWD – Rs. 600.00 (Rupees six hundred only).**
- Students can make their payment through Online Payment Gateway using net banking, Debit/Credit cards or UPI mode.
- Fees once paid are not refundable / transferable. Application shall be summarily rejected, if payment is not made.
- To submit the application, applicant must agree with the given declaration, clicking on check box. It is important to note that, once applicants submit their application, they cannot alter those under any circumstances. Therefore, they are advised to be sure about the accuracy and relevance of the given / uploaded information before clicking the submit button.
- After successful submission of the application, applicants will be able to download the ‘Acknowledgement’.
- After successful payment status verification, applicants will be able to take print out/download of the application form that would be treated as the ‘Admit Card’ for Admission Test. Payment process verification may take 4-6 working days after payment.
- **No individual mail or communication will be sent to the Indian applicants. They are**

advised to regularly visit www.tripurauniv.ac.in for further information and instructions, failing which, their applications may be treated as cancelled, for which Tripura University shall not be held liable.

- It is mandatory for applicants to appear for the Entrance Test as per schedule.
- If any dispute arises regarding any matter of admission, the decision of the Authority of Tripura University shall be final and binding.
- In case of any (i) failure in the online system, (ii) failure of payment through bank, or (iii) any other unforeseen circumstances leading to failure in submission of form etc. the Tripura University authority shall not be held responsible.

TUET CENTRE: Academic Building-9, Department of Computer Science and Engineering, Tripura University (A Central University), Suryamaninagar-799022, Tripura (W), India.

Applicants may download their 'Acknowledgement-cum-Admit Cards' for TUET from the university website after necessary verification. It is mandatory for applicants to bring the “Acknowledgement cum Admit Card” and any other appropriate photo identity proof, failing which he/she will not be allowed to appear for the entrance test.

Medium of Instruction/ Medium of Examination: English.

DOCUMENTS TO BE UPLOADED ALONG WITH ONLINE APPLICATIONS:

- For Indian applicants: Only passport-size recent colour photograph.
- For SC/ST/OBC/PwD/EWS: Relevant category certificate.
- For applicants of Jammu & Kashmir: Proof of residence, besides passport-size colour photograph.

METHOD OF SELECTION

- Selection is strictly based on the merit list of entrance test.
- **The entrance test shall be of total 100 marks with breakup as mentioned below:**
 - **Written Test: 70 Marks, 3 Hours Duration**
 - **Viva Voce: 30 Marks.**
- **Date of Written Test: Will be notified in the admission portal of TU Website**
- **Date of Viva-Voce: Will be notified later in the admission portal of TU Website**

RESERVATION POLICY

- Admission criteria will be as per the reservation rules/policy of the Govt. of India.

For further query if any, drop in an email at: admissioncell@tripurauniv.ac.in thereby cc to s.bhattacharya@tripurauniv.ac.in and mrinalkantibhowmik@tripurauniv.ac.in

* SC/ST/OBC/EWS candidates the certificates has to be issued from the prescribed competent authority (viz. SDM/DM), respectively. Certificates issued by local MLA or MP's or other PRI members will not be entertained.

MINIMUM ELIGIBILITY CRITERIA FOR APPLICANTS

- **Passed Class–XII Examination from any recognized board with 45% marks in PCM (Physics, Chemistry, and Mathematics) for UR / EWS & OBC and 40% marks in PCM for SC/ST.**

‘OR’

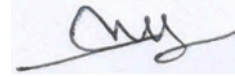
- **Appeared in Class–XII Examination from any recognized board subject to**

45% marks in PCM (Physics, Chemistry, and Mathematics) for UR / EWS & OBC and 40% marks in PCM for SC/ST.

GENERAL RULES

1. These “Rules and Regulations for Admission” are applicable to all the programs offered by Tripura University at its campus. These rules and regulations shall supersede all other rules and regulations made earlier for admission of students in Tripura University, even, if such rules and regulations were made as the part of the examination rules.
2. These Rules & Regulations shall be applicable for the academic session 2023-24.
3. Admission to the University is open to all who fulfill the prescribed qualifications without any distinction of race, caste, creed, language or sex. The selection shall be made strictly on the basis of merit in the entrance test.
4. In the academic year, admission is likely to be completed **by 15th July, 2023.**
5. **Classes shall commence from 16th July, 2023.**
6. **Application for admission:** Application format, along with necessary instructions shall be available in the Tripura University website. Students have to apply only through online mode. No application shall be received over the counter.
7. **Entrance Test:**
 - I. The Entrance Test will be conducted by the university in its premises.
 - II. **Medium for TUET** shall be English.
 - III. Entrance Test shall be of 100 marks. Written will be for 70 marks along with viva voce of 30 marks. Duration of written test shall be 3 Hours.
 - IV. **Cut off marks:** There will be specific cut off marks for each program. At the time of publication of TUET results program wise cut off marks will be declared.
 - V. **Syllabus of TUET:** As per Syllabus of Mathematics of Class-XII of CBSE, ICSE, and TBSE.
 - VI. **Question Pattern:** Total marks of the TUET shall be 100 marks where as mentioned above that 70 marks will be allotted for written test and 30 marks will be allotted for viva voce. The written test will be descriptive type questions based on the syllabus as mentioned above.
 - VII. Adoption of unfair means / copying will disqualify the applicant, forfeiting the chances of admission to any program in Tripura University.
8. **Selection Methodology:**
 - I. Selection shall be based on marks obtained by the applicant in TUET-2023. Reservation Rules of Govt. of India shall be applicable.
 - II. If marks of entrance test of two or more candidates’ are same, then the following criteria shall be followed, one after another, to resolve the ties (i.e., Division and marks obtained in the Class-XII examination).
9. **Counseling cum Admission:**
 - I. After preparation of merit list, selected students shall be called for counseling. Willing selected candidates shall have to remain present with their original documents, admission fees etc. If a student remains absent on the counseling date, his/her candidature shall automatically

- be cancelled.
- ii. Students shall take admission on the day of counseling by depositing the requisite amount of fees online as prescribed in the prospectus within two days of counseling. **If anybody fails to submit the requisite fees his/her candidature will stand cancelled and no further correspondence will be made in this regard. The vacant seat if so arised will be filled up from the merit list/as per reservation policy.** Counseling date shall be notified in the Tripura University **website 2 (two) days prior** to the Counseling cum admission date.



(Dr. Deepak Sharma)
Registrar
Tripura University



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Suryamaninagar, Tripura - 799022,
Website: www.tripurauniv.ac.in

**New In House UG Programme
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“Bachelor of Technology (B.Tech) in Artificial
Intelligence and Machine Learning”
under joint collaboration of
Department of Mathematics and Department of Computer
Science and Engineering
Tripura University (A Central University)**

FOR ACADEMIC YEAR 2023-2024

Accredited B++ Grade in NAAC 2022



TRIPURA UNIVERSITY

Prof. Ganga Prasad Prasain
Vice Chancellor

Dr. Deepak Sharma
Registrar

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Dean, Faculty of Arts & Commerce

Prof. Badal Kumar Datta : dean_science@tripurauniv.ac.in
Dean, Faculty of Science

Dr. Somdev Banik : dean_studentswelfare@tripurauniv.ac.in
Dean of Students' Welfare

ASSOCIATED DEPARTMENT(S):

- Department of Mathematics, Tripura University (A Central University)
- Department of Computer Science and Engineering, Tripura University (A Central University)

FOUNDER COORDINATORS:



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ABOUT TRIPURA UNIVERSITY (A CENTRAL UNIVERSITY)

From a humble beginning as the Post-Graduate Wing of Calcutta University, in 1976, to a state University in 1987 and eventually a Central University in 2007, Tripura University has traversed a long way in its pursuit of excellence as a Higher Education Institution in this tiny landlocked state of Tripura. The University is dedicated to the cause of developing and empowering the people of this state and the region by imparting quality education and technological innovations in the field of academic and research activities. The picturesque beauty in an idyllic surrounding of the campus situated in a zero pollution zone provides the right academic ambience for nurturing young and potential minds. As a conventional University, Tripura University has taken upon itself the responsibility to preserve and promote the enviable heritage of the state's indigenous art forms, folk, oral and multi-dimensional cultural traditions. At present there are two faculties, forty four Departments and four Centres of Study in the University along with four departments under the Directorate of Distance Education. The Directorate of Distance Education extends educational support to the employed and socio-economically deprived sections located in the far flung hilly areas of this state. The future plans of the University include expansion of the campus and immediate installation of ICT enabled classrooms in all the departments, more hostels for men and women including research scholars hostels, improved canteen, guest houses and accommodation for the faculty and non-teaching staff, employment of modern technological tools and facilitating multimedia mode of interactive teaching- learning. In order to adapt with the demands of the changing times, the University is gradually changing over to e-governance for efficient, accurate and eco-friendly administration.

WHY B.TECH IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING:

Artificial Intelligence and Machine Learning is an emerging field of technology that has brought impact in multiple spheres and domain of society.

- High demand for both industry and academia across the area of engineering and science.
- Effective placement and internship opportunities with top firms, start-ups and research organisation/ Industries.
- Higher studies in focused AI domain has global acceptance and strong partnership in between academia and Industry.

PROGRAMME VISION:

Encouraging collaborative and interdisciplinary problem solving. Encouraging the students for discovery and application of knowledge to benefit the society.

PROGRAMME OUTCOMES:

The Program outcomes (PO) of B.Tech (Artificial Intelligence and Machine Learning) are given below:

- **PO1: Engineering knowledge:** Apply the engineering knowledge of mathematics, science, engineering fundamentals with engineering specialization to the solution of complex engineering problems.
- **PO2: Problem Solving Ability:** Students will have an ability to designing algorithm, analyzing complexity, and developing cost effective system, adapt existing techniques, algorithms, etc. for efficiently solving problems.
- **PO3: Societal Outreach:** Students will have an ability to design, develop and evaluate new Artificial Intelligence and Machine Learning based systems for novel applications to address diverse needs of the community for improving the quality of life and environment.
- **PO4: Professionalism:** Developing sense of responsibilities, professional ethics, communication skills, competence, environmental awareness and self-learning
- **PO5: Conduct Investigations of Complex Problems:** Use practical-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **PO6: Modern Tool Usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including predictive analysis, computational intelligence and optimization techniques to complex engineering activities.
- **PO7: Society and IOT:** Students will have an understanding of the impact of Internet of Things (IoT) related solutions in an economic, societal and environment context.
- **PO8: Communication:** Communicate effectively on complex engineering activities with the

engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

- **PO9: Individual and Teamwork:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **PO10: Lifelong Learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

RESOURCE PERSONS:

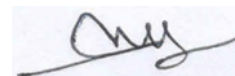
- **Primary:** Faculties of Engineering Departments and Mathematics Department of Tripura University (A Central University).
- **Secondary:** Special/ Expert Lectures of the experts of the Artificial Intelligence and Machine Learning from Academic Centers/ Universities/ Industries such as Indian Institutes of Technology (IITs), National Institute of Technology (NITs), Indian Institute of Science (IISc)-Bangalore, and Indian Statistical Institute (ISI).

INTAKE CAPACITY: 15 (Fifteen)

DURATION OF PROGRAMME: 4 YEARS (8 SEMESTER)

COURSE FEES:

- **1st Semester Fee:** Rs. 65,000/-
- **2nd to 8th Per Semester Fee:** Rs. 50,000/- Per Semester



(Dr. Deepak Sharma)
Registrar
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