



Techno College of Engineering Agartala

An Engineering College Affiliated To Tripura University (A central University)
Approved by AICTE, MHRD, Govt. Of India.

SAMANWAY

PUBLISHED BY :

DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

SESSION : 2024-2025



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: WELCOME MESSAGE :

SAMANWAY represents our shared journey of innovation and integration.. We are proud to present this letter , showcasing the synergy between Basic Science and advanced Engineering disciplines.

-Dept.BSH(TCEA)



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Message from Principal, Techno College of Engineering Agartala

Dr. Dibakar Deb

Principal

Techno College of Engineering Agartala.



It gives me immense pleasure to present this edition of the newsletter from the Department of Basic Science and Humanities. The foundation of any strong academic institution lies in the strength of its fundamental sciences and the holistic development of its students. The Department of Basic Science and Humanities plays a vital role in shaping the intellectual, analytical, and ethical framework of our young learners.

The department has consistently demonstrated excellence through dedicated teaching, innovative learning practices, and active engagement in academic and co-curricular activities. I am delighted to see the enthusiasm of both faculty members and students reflected in this newsletter, which highlights their achievements, research initiatives, seminars, workshops, and creative contributions.

I sincerely appreciate the efforts of the faculty members, staff, and students who have worked tirelessly to compile and present this publication. Such initiatives not only document academic progress but also inspire a culture of curiosity, collaboration, and continuous learning.

I encourage everyone to continue striving for excellence, nurturing scientific temper, and contributing positively to society. My best wishes to the Department of Basic Science and Humanities for continued success in all its future endeavors.

Message from Head of the Department

Dr. Dibyendu Dey

Head Of the Department

Department of Basic Science and Humanities

Techno College of Engineering Agartala



It is my great pleasure to present the latest edition of the newsletter of the Department of Basic Science and Humanities. This newsletter reflects the vibrant academic environment of our department and showcases the dedication, creativity, and achievements of our faculty members and students.

The Department of Basic Science and Humanities serves as the academic backbone for building strong fundamental knowledge in science, mathematics, and communication skills. Our aim is not only to provide theoretical understanding but also to nurture critical thinking, innovation, and ethical values among students, preparing them for the challenges of their professional and personal lives.

Throughout the academic year, the department has organized various seminars, workshops, academic activities, and student engagement programs. These initiatives help create a dynamic learning atmosphere and encourage students to explore knowledge beyond the classroom.

I sincerely appreciate the efforts of the editorial team, faculty members, and students who contributed their time and energy to make this newsletter possible. Their commitment and enthusiasm are truly commendable.

I hope this newsletter serves as a platform to celebrate our accomplishments and motivates us to continue striving for excellence in teaching, learning, and research.

Institute's Vision and Mission

Institute's Vision:

The Techno College of Engineering Agartala strives to develop institutional excellence in technical education and research to graduate talented, skilled and trained engineers, with admirable traditional cultural values to meet the technological and socioeconomic needs of our state, nation and the world at large.

Institute's Mission:

- a) To produce creative and technically strong engineers by providing high-quality technical education with emphasis on technical academic excellence, innovative research and development programs with core human values.
- b) To continuously upgrade the faculty in curriculum design, teaching pedagogy, usage of ICT (Information and Communication Technology) and various processes pertaining to academics, research and University administration
- c) Techno College of Engineering Agartala is committed to providing an education that combines rigorous academics with joy of discovery.
- d) The Institute encourages its community to develop a unique culture that instils responsibility and accountability in partnership with various stakeholders such as parents, society, business and education community.

Faculty Members

Department of Basic Science and Humanities
Techno College of Engineering Agartala



Dr. Sekhar Chakraborty
Associate Professor
Physics, Ph.D, Post. Doc. (Israel)



Dr. Priyanka Majumder
Associate Professor
Mathematics, Ph.D.



Dr. Arnab Paul
Associate Professor
Mathematics Ph.D.



Mrs. Puspanjali Debnath
Assistant Professor
MBA



Dr. Sukhen Bhowmik
Assistant Professor
Chemistry, Ph.D., NET



Dr. Mitu Saha
Assistant Professor
Physics, Ph.D.



Dr. Susmita Paul
Assistant Professor
Mathematics, Ph.D.



Mrs. Nabanita Mitra
Assistant Professor
English, M.A., B.Ed.



Mr. Sayan Saha
Assistant Professor
English, M.A., Ph.D. pursuing



The Student Induction Program 2024 for the first-year Degree and Diploma students of Techno College of Engineering Agartala, was organized to warmly welcome the new batch and help them transition smoothly into college life. The program aimed to introduce students to the academic environment, institutional values, and various opportunities available for their personal and professional growth.



Badharghat, TR, India
Sadar, Badharghat, 799003, TR, India
Lat 23.778952, Long 91.302939
07/22/2024 02:03 PM GMT +05:30
Note : Captured by GPS Map Camera



Madhuban, Tripura, India
Q8H3+H5J, Madhuban, Tripura 799004, India
Lat 23.779026°
Long 91.30289°
22/07/24 12:01 PM GMT +05:30

Technical talk by **Dr. Apurba Dey**, Assistant Professor, Women's Polytechnic Agartala



Madhuban, Tripura, India
Q8H3+H5J, Madhuban, Tripura 799004, India
Lat 23.77898°
Long 91.302856°
19/07/24 02:51 PM GMT +05:30



Madhuban, Tripura, India
Q8H3+H5J, Madhuban, Tripura 799004, India
Lat 23.77898°
Long 91.302856°
19/07/24 02:52 PM GMT +05:30

Technical talk by **Mr. Anjan Sengupta**, Joint Director, Directorate of Biotechnology, Govt of Tripura



Madhuban, Tripura, India
Q8H3+H5J, Madhuban, Tripura 799004, India
Lat 23.779054°
Long 91.302825°
16/07/24 03:00 PM GMT +05:30

Technical talk by **Dr. Tirtharaj Sen**, Principal, Women's Polytechnic Agartala



Special talk on **Mental Health** by **Dr. Kaushik Nandi**, Psychiatric



Bridge Making Competition by 1st Year Students, 2024, Techno College of Engineering Agartala



Motivational Talk by **Dr. Arpan Laskar**
IQAC, Techno College of Engineering Agartala



Spiritual Talk by **Miss. Tanusree Naha**
Assistant Professor, Dept of BSH
Techno College of Engineering Agartala



Visit to **Sipahijala Wildlife Sanctuary**, 1st Year Students, 2024

AAGAM 4.0 College Fresher's



Expert Talks
Department of Basic Science and Humanities
Techno College of Engineering Agartala



EXPERT TALK-1



Expert

Prof. Syed Arshad Hussain
Dept. of Physics
Tripura University (A Central University)

Date-30th October, 2024

Time:01:00 pm to 02:00 pm

Venue: New Seminar hall, TCEA

EXPERT TALK-2



Expert

Dr. Arpan Datta Roy
Dept. of Physics
National Forensic Science University
(Tripura Campus)

Date-29th November, 2024

Time:03:00 pm to 04:00 pm

Venue: New Seminar hall, TCEA

EXPERT TALK-3



Expert

Prof. (Dr.) Paritosh Bhattacharya
Dept. of Mathematics
National Institute of Engineering Agartala

Date-11th April, 2025

Time:03:00 pm to 04:00 pm

Venue: New Seminar hall, TCEA



1st Year Students 2024
Department of Basic Science and Humanities
Date: 5th September 2024



Fun With Chemistry 3.0
25th April 2025
Department of Basic Science and Humanities

Learn LIVE



College Biotech Club Directorate of Biotechnology Government of Tripura



Inaugurated on 27th of September 2024



The College Biotech Club was inaugurated at Techno College of Engineering Agartala on 27th of September 2024. The chief guest for the inauguration was Shri Mahender Singh, IFS. He is the Director of Science, Technology and Environment and also the Member Secretary of Tripura Biotechnology Council, Directorate of Biotechnology. The other dignitaries with him were Mr. Anjan Sengupta, Joint Director, Directorate of Biotechnology and Dr. Dibakar Deb, Principal Techno College of Engineering Agartala.



A Research Workshop organised by College Biotech Club, Techno College of Engineering Agartala at National Forensic Science University (Tripura Campus) for the registered students under the project of College Biotech Club.

Key Participating Members

Dr. H. K. Pratihari

Director, NFSU, Tripura Campus

Dr. Dibyendu Dey

Project PI

College Biotech Club

Techno College of Engineering Agartala

Dr. Mitu Saha

Project Co-PI

College Biotech Club

Techno College of Engineering Agartala

Dr. Arpan Datta Roy

Dean (In Charge)

NFSU, Tripura Campus



Date- 13th January, 2025

Venue: Seminar hall, NFSU, Tripura Campus



A Research Visit was organised for the registered students of College Biotech Club, Techno College of Engineering Agartala. For the visit, we went to the National Forensic Science University (Tripura Campus). The program started with the lighting of the lamp followed by a wonderful and very motivating talk by Dr. H. K. Pratihari, Director, NFSU, Tripura Campus. After that, the students got the opportunity to visit different laboratories of the Institute where they experienced different instruments and their uses.

Quiz Biotech

College Biotech Club

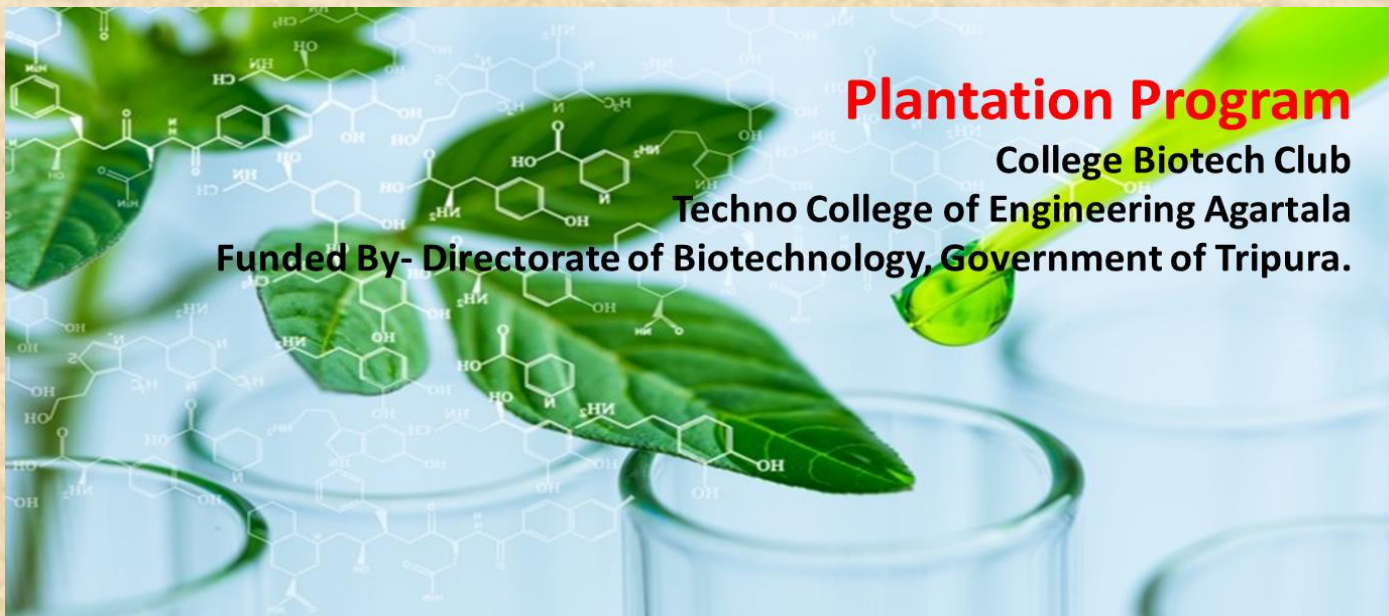
Techno College of Engineering Agartala

Funded By- Directorate of Biotechnology, Government of Tripura.

Date: 25th February 2025



A Quiz competition was organised by College Biotech Club in collaboration with Dept. of Basic Science and Humanities at Techno College of Engineering Agartala. The program was volunteered by the registered students of College Biotech Club.



Plantation Program

College Biotech Club
Techno College of Engineering Agartala
Funded By- Directorate of Biotechnology, Government of Tripura.

Date: 5th June 2025



The Plantation program was celebrated on the occasion of World Environment Day, by the Students and Teachers of College Biotech Club at Techno College of Engineering Agartala.

1st Year Students (Session 2024-25)



Diploma 1st year Section-A



Diploma 1st year Section-B



Diploma 1st year Section-C



B.Tech. 1st year Section-A



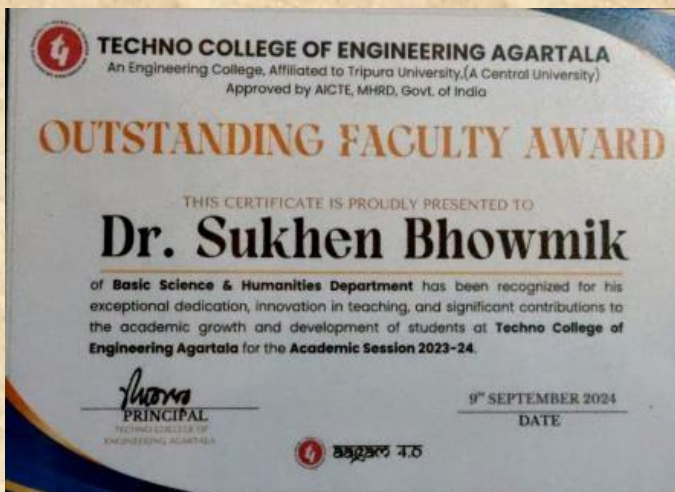
B.Tech. 1st year Section-B



B.Tech. 1st year Section-C

Departmental awards 2024

Department of Basic Science and Humanities Techno College of Engineering Agartala



Departmental PTM 2024

Department of Basic Science and Humanities Techno College of Engineering Agartala



1st Semester 2024-25



2nd Semester 2024-25

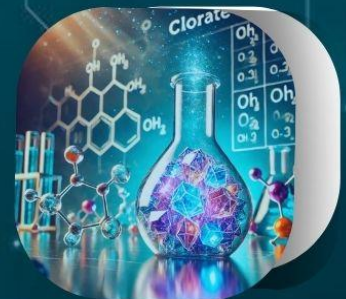
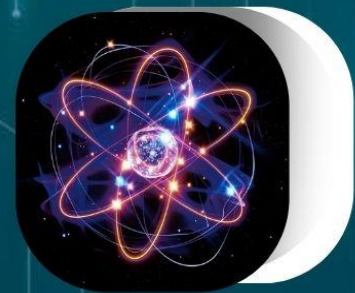


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DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

Basic Science and Humanities form the foundation of knowledge and innovation. It includes Mathematics, Physics, Chemistry, Biology, English, and Ethics, helping us to develop analytical thinking, scientific understanding, effective communication, and strong moral values for real-world challenges.



"Science is the foundation of innovation."