

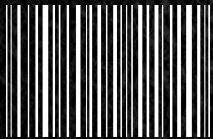


# EXPRESSION

A Newsletter of Dept. of M.E.,  
TCEA

## TECHNO COLLEGE OF ENGINEERING AGARTALA

*Affiliated By Tripura University, Approved by  
AICTE, Govt. of Tripura  
Maheshkhola, Anandanagar, Agartala, Tripura  
(West), India – 799001, Ph. +91-9485002525,*



[www.tiaedu.org](http://www.tiaedu.org)



## ABOUT TCEA

Techno College of Engineering Agartala (TCEA), formerly known as Techno India Agartala (TIA), is a self-financed Engineering College affiliated with Tripura University (a Central University) and approved by the AICTE under the MHRD, Government of India. Operated by the Techno India Group, a leader in private education in India, TCEA is renowned for its academic excellence and diverse range of course offerings.

### Institute Vision

Techno College of Engineering Agartala is committed to fostering excellence in technical education and research, and aims to produce skilled, talented, and well-trained Engineers. With a strong foundation in traditional cultural values, the institution prepares its graduates to address the technological and socio-economic needs of the state, the nation, and the global community.

### Institute Mission

- Our mission is to nurture creative and technically proficient engineers by delivering high-quality technical education focused on academic excellence, innovative research, and development, all grounded in core human values.
- We aim to continually enhance faculty expertise in curriculum design, teaching methodologies, ICT (Information and Communication Technology), and processes related to academics, research, and university administration.
- We are dedicated to fostering lifelong learning by integrating rigorous academics with the joy of discovery, while cultivating a unique culture of responsibility and accountability. This is achieved in collaboration with key stakeholders, including parents, society, businesses, and the educational community.

## ABOUT THE DEPARTMENT

### Departmental Vision

The Department of Mechanical Engineering at Techno College of Engineering Agartala strives to be a recognized leader in quality education and research. Our goal is to produce proficient mechanical engineers who excel as adaptive professionals, skilled innovators, and successful contributors in engineering fields, including research, industry, and the public sector.

### Departmental Mission

- To foster a stimulating and supportive learning environment that inspires creativity, critical thinking, and problem-solving skills.
- To uphold high standards of education in mechanical engineering through quality teaching, updated curricula, and impactful research.
- To shape students' careers into bright and prosperous journeys, instilling leadership qualities, ethics, and strong human values.
- To cultivate knowledgeable and skilled graduates equipped to excel in research, industrial, and corporate sectors.
- To continuously enhance the technical expertise of faculty and staff through in-service training and technology transfer initiatives.
- To promote the department's achievements and the mechanical engineering profession to the broader public.

## MESSAGE FROM PRINCIPAL, TCEA

**“Education is the manifestation of the perfection already in man.”**

**– Swami Vivekananda**



**DR. DIBAKAR DEB**

**PRINCIPAL, TCEA**

**Greetings to all !**

**It is a matter of great pride and satisfaction that “EXPRESSION”, the newsletter of Mechanical Engineering Department is about to be published. I am sure the Departmental Newsletter will send a positive signal among the students, faculty members and individual who are interested in technical education and technology based activity. A departmental newsletter is like a mirror that reflects a clear picture of all sorts of activities undertaken by department. I congratulate the HOD, faculty members and my students of the Mechanical Engineering Department to take initiative of publishing the newsletter.**

**With best wishes,**

**“When Mechanical drives,  
the world moves”**

# MESSAGE FROM HEAD OF THE DEPARTMENT

**“The only thing that interferes with my learning is my education”**

**–Albert Einstein**



**Dr. Pulak Sen  
(HOD, Dept. of ME)**

**Greetings to all !**

I am extremely happy to pen down a message for “EXPRESSION”, the newsletter of Mechanical Engineering Department, Techno College of Engineering Agartala (TCEA). The name “EXPRESSION” itself reflects a platform to express the activities and achievement of our Mechanical Engineering Department over the last few months. This department seeds many ideas though organizing different activities like providing training program for both students and faculty members, project implementation, supporting placement drive, cultural activities etc. The performance of the department can be seen from the number of university rank holders and the alumni of the department placed in reputed organizations or companies.

It is important to mention here that Mechanical Engineering Department is continuously growing though providing quality education, conducting research and indeed the dedication of the faculty members, staff & students has taken up this department to a new height. In this occasion, I congratulate the entire fraternity of Mechanical Engineering Department for their contribution and efforts. Also thanks to the editorial team for showcasing the activities and achievement of the department through this newsletter. Best wishes!

# MESSAGE FROM FACULTY MEMBERS



**Dr. Shirsendu Das**

► **Assoc. Prof., ME**

Department of Mechanical Engineering is a dynamic branch of TCEA and it is continuously growing by providing quality education and research. It's a moment to cherish that our department is going to publish its newsletter i.e. "Expression". This newsletter helps in sharing departmental activities, achievements, research outcome with the society. Presently I am working on various projects including computational research on thermal problems and in the upcoming versions of this newsletter such work will be shared.



**Dr. Rajdeep Paul**

► **Assoc. Prof. , ME,**

I am delighted to pen down a message for our yearly newsletter "Expression". This newsletter reflects the achievement, activities, actions, social work etc. of our department. I congratulate all the fraternity of TCEA for taking up this initiative. I wish a grand success for "Expression". Best wishes!



**NirupamNath Choudhury**

► **Asst. Prof., ME**

It's an immense pleasure to write down a message for the yearly newsletter of Mechanical Engineering department i.e. "EXPRESSION". The newsletter expresses not only the activities of the Mechanical Engineering department but also of the department of Advanced Mechatronics and Industrial Automation. Departmental newsletter is a platform to share and present the important milestones achieved by the departments with the common people. In this occasion I congratulate all the students, faculties and staffs of both the



**Panna Goswami**

► **Asst. Prof., ME,**

We are excited to announce the launch of our Mechanical Engineering Department Newsletter. This newsletter will provide students with updates on department events, research opportunities, and other important information. We hope that this newsletter will be a helpful resource for you as you navigate your way through the Mechanical Engineering Department. We look forward to helping you stay informed about the latest developments in our department.



**Ujjal Das**

► **Asst. Prof., ME,**

It is a matter of extreme happiness that our newsletter "Expression" is going to be published. Our newsletter will inform the readers about the minutest details of our branch in a very concise manner. It is believed that the readers will be extremely delighted when they will find everything of our Department in a very interesting way and they will also like to join us as they will have a clear cut idea of our Department.

# MESSAGE FROM FACULTY MEMBERS



**Moutushee Debnath**

► **Asst. Prof., ME**

I am extremely delighted and proud of the release of our departmental newsletter, 'Expression'. The department organizes various activities to mould students as future professionals. This newsletter will motivate students as it serves as a medium to showcase their success stories. I hope the students will give due importance to this initiative by contributing their ideas creatively. Such activities can deepen your knowledge and develop your innovative thinking. I



**Miss Soma Debnath**

► **Lec, ME,**

Greetings to all! I am delighted to announce that our departmental newsletter is going to be published where all the developmental programs conducted by mechanical engineering department including the project work, research, success-stories will be highlighted. On this occasion, I congratulate all the members for their strong support to prepare this newsletter. I wish a huge success to the newsletter "Expression".



**Mr. Sourav Hussein**

► **Lecturer, ME,**

I am happy to share that our departmental newsletter is going to be published. Our way of teaching, project, training, cultural programs are documented and shared with the technical community through this newsletter. As a member of the editorial team, I find an opportunity to know the departmental activity more closely. A thumbs up to the success of our newsletter "Expression". All the best!



**Dr. Debayan Dasgupta**

► **Faculty, ME,**

The Mechanical engineering department of TCEA has been actively participating in various dynamic projects and research activities in the past. It is about time that we share our milestones, achievements and important events with the students of our college and the scientific community. Hence, with huge excitement, we welcome the launch of the newsletter of our mechanical engineering department. We strongly believe that the newsletter will inform and inspire our students to participate and further strengthen our endeavours in the field of research and innovation.



**Dr. Pallab Bhattacharjee**

► **Faculty, ME,**

It is an immense pleasure and matter of pride for me to write down the message in the departmental newsletter. I congratulate all the faculties, students and concerned persons for the accomplishment of the newsletter. This newsletter will showcase different departmental activities, research and innovation of the department. I hope this newsletter enhance our reach to the world.

# MESSAGE FROM FACULTY MEMBERS



**Mr. Anupam Debnath**  
▶ Faculty,ME,

I am extremely delighted and proud of the release of our departmental newsletter, 'Expression'. The department organizes various activities to mould students as future professionals. This newsletter will motivate students as it serves as a medium to showcase their success stories. I hope the students will give due importance to this initiative by contributing their ideas creatively. Such activities can deepen your knowledge and develop your innovative thinking. I wish all success for such kind of initiatives.

# AAGAM 4.0



The event was a showcase of innovation, excellence, and academic prowess. It provided a platform for students, faculties, and industry experts to interact, share knowledge, and explore opportunities for collaboration. AAGAM 4.0 exemplified the commitment of Techno College of Engineering towards fostering a culture of continuous learning and growth.



# INSTITUTIONAL EVENTS



Fishery College

As a department, we encourage and support our students in their pursuit of academic excellence as well as extracurricular endeavors. We look forward to more such achievements in the future and are excited about the diverse range of talents that our students continue to exhibit.



# DEPARTMENTAL EVENTS



**Activity Name:** Parent teacher meeting  
**Organised By:** Department of M.E., TCEA  
**Date:** 23th November of 2024;  
**Academic year:** 2023-2024



**Activity Name:** Quiz competition  
**Organised By:** Dept. Of M.E., TCEA  
**Date:** 8th August of 2024  
**Academic year:** 2024

**Activity Name:** Smart class  
**Organised By:** Dept. Of M.E., TCEA  
**Academic year:** 2024



# DEPARTMENTAL EVENTS



**Activity Name:** Pictura 1.0  
**Organised By:** Department of M.E., TCEA  
**Date:** 13th November of 2024;  
**Academic year:** 2023-2024

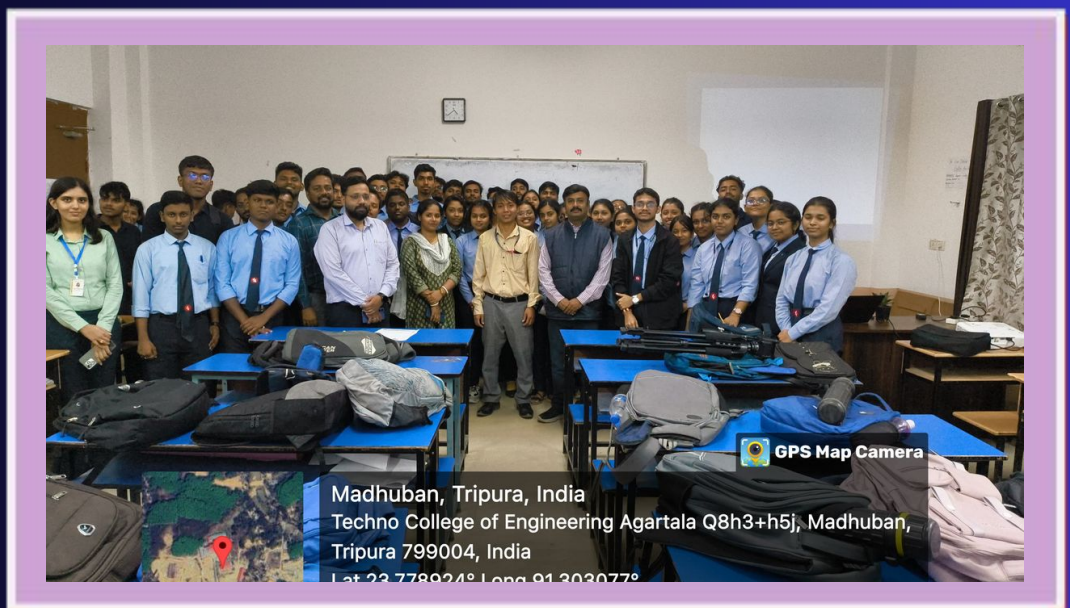


**Activity Name:** State Level Hackathon  
**Organised By:** NIT Agartala  
**Date:** 19th November of 2024;  
**Academic year:** 2023-2024

# DEPARTMENTAL EVENTS



**Activity Name:** CADathon  
**Organised By:** Department of ME,  
TCEA  
**Date:** 22th November of 2024;  
**Academic year:** 2023-2024



**Activity Name:** National Pollution Control Day  
**Organised By:** Department of ME, TCEA  
**Date:** 2nd December of 2024;  
**Academic year:** 2023-2024

On the occasion of National pollution control day, an expert talk has been arranged on behalf of Mechanical Engineering and Institution's Innovation cell in the New Seminar Hall. All the faculty members and students were present in the program.

# DEPARTMENTAL PICTURE

## ME BATCH 2024



The Department of Mechanical Engineering is at the forefront of technological innovation, encompassing diverse fields such as design, manufacturing, 3D printing, robotics, automation, and IoT. Our curriculum emphasizes a hands-on approach, combining theoretical knowledge with practical application. Students delve into the intricacies of mechanical design, utilizing CAD software to conceptualize and create cutting-edge solutions. In the manufacturing realm, they explore traditional and advanced techniques, with a focus on efficiency and sustainability.

3D printing is a cornerstone of our program, with students delving into additive manufacturing processes and material science. Robotics studies encompass the development of control algorithms and the application of robotic systems across industries. Automation is a key theme, with students learning about automated systems integration and process optimization.

In this era IoT plays a pivotal role in our curriculum, with students exploring interconnected devices for data analysis and real-time monitoring. Interdisciplinary collaboration is encouraged, fostering teamwork and communication skills essential for cross-functional projects. Research and innovation drive our department forward, with opportunities for students to engage in cutting-edge research and collaborate with industry partners. Through a blend of theoretical learning and practical experience, our department prepares students to tackle the challenges of the modern engineering landscape.

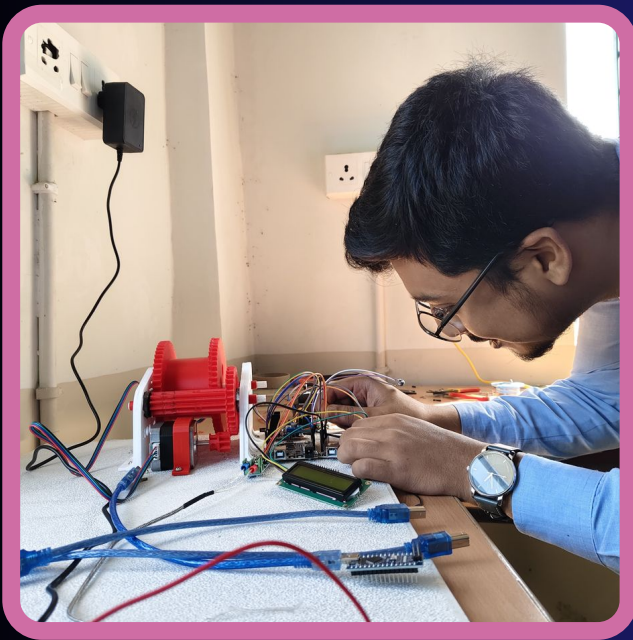
# ADVANCE MANUFACTURING & AUTOMATION LAB



The Mechanical and AMIA departments at Techno College of Engineering Agartala have jointly established a Robotics Lab to inspire innovation and hands-on learning. This lab provides advanced tools and expert mentorship to guide students in developing cutting-edge robotic projects. By fostering interdisciplinary collaboration, the initiative aims to enhance technical skills and prepare students for real-world challenges.



# ADVANCE MANUFACTURING & AUTOMATION LAB



**Development of Robotic 3 Axis Arm by the students  
in the ROBOTICS Lab**

# FACULTY CORNER

## FACULTY DEVELOPMENT PROGRAM

### FDP Topic: 3D Printing and Rapid Prototyping

Organised By: Mechanical Engineering Department TCEA (via online, 26-30th June of 2023)



**TECHNO COLLEGE OF ENGINEERING  
AGARTALA**

A 5 Day Faculty Development Program on  
**3 D Printing and Rapid Prototyping**  
(26<sup>th</sup> -30<sup>th</sup> June 2023)

Organized By  
**Mechanical Engineering Department**

**Organizing Committee**

Mr. Hiraklal Chakraborty, Asst. Prof. ME  
Mr. Panna Goswami, Asst. Prof. ME  
Mr. Nirupam Nath Choudhury, Asst. Prof. ME  
Mr. Ujjal Das, Asst. Prof. ME  
Dr. Rajdeep Paul, Asst. Prof. ME  
Mr. Sourov Hossain, Lecturer ME  
Ms. Soma Debnath, Lecturer ME

**About TCEA**



Techno College of Engineering Agartala or TCEA (formerly Techno India Agartala or TIA) is a self-financed degree engineering college affiliated to Tripura University (A Central University), approved by AICTE, MHRD, Govt. of India. It is run and managed by Techno India Group. Techno India is the recognized leader among private education groups in India for its academic excellence and vast multitude of course offerings.

**Expert Speakers**



**Prof. Biswanath Doloi**  
Professor, Production Engg.  
Dept. Jadavpur University



**Dr. P K Purnapu Rupa**  
Associate Professor  
Material Sci. & Engg.  
Tripura University



**Dr. Manish Bhargava**  
Associate Professor,  
Mechanical Engg. Dept.  
NIT Agartala

**Chief Patron**  
Prof. Goutam Roy Chowdhury  
Chairman, Techno India Group

**Patron**  
Dr. Dibakar Deb (Principal TCEA)

**Advisory Committee**

Mr. Kunal Ganguly (Director, Techno India Group)  
Dr. Arpan Laskar (IQAC Coordinator, TCEA)  
Mr. Avik Pal (Chief Academic Coordinator, TCEA)  
Mr. Pulak Sen (Asst. Prof. ME)  
Dr. Shirsendu Das (HOD, Dept. of ME)

**Course Coordinator**  
Mrs. Moutushee Debnath, Asst. Prof. ME Dept.

**Objective and Scope**

Three-dimensional (3D) printing is an additive manufacturing process that creates a physical object from a digital design. The process works by laying down thin layers of material in the form of liquid or powdered plastic, metal or cement, and then fusing the layers together. This process is having global acceptance and specially suitable for the Aerospace, agricultural industries, automobile sectors, dental product, medical instrumentation, etc.

**Important Points**

- The Last Date of the Registration is 20<sup>th</sup> June (5:00 P.M). Link for registration: <https://www.tceagartala.com/2023/06/20/>
- The FDP will be conducted through virtual mode.
- No registration fee is involved and e-Certificate will be provided to all the participants.

**Scan the QR to Register**

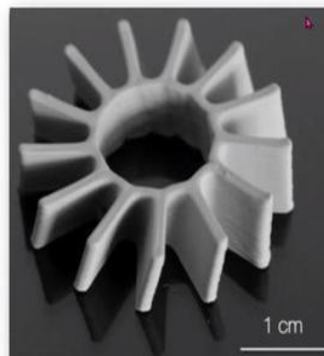


**For any further correspondence:**  
Asst. Prof. Moutushee Debnath  
Contact: +91-9862208636

P. K. P. Rupa is presenting

### Direct Ink Writing (DIW)

- In this system, a **highly viscous paste** is **extruded** through a nozzle according to the CAD model
- Material deposition occurs at room temperature
- Once the object is built, post-processing is done according to requirement, and the final product is obtained



DIW process and deposited Al<sub>2</sub>O<sub>3</sub> part

DOI: 10.1016/j.jvsrsmec.2016.03.001

P. K. P. Rupa

Moutushee Debnath

Moutushee Debnath

Soumi Dhar

SREENIVASULU

Tushar

22 others

Shirsendu Das

# FACULTY CORNER

## NPTEL COURSES BY FACULTIES

**Elite**

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**PANNA GOSWAMI**  
for successfully completing the course  
**Fundamental of Welding Science and Technology**  
with a consolidated score of **63** %

Online Assignments	23.75/25	Proctored Exam	39.4/75
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Total number of candidates certified in this course: **187**

Jan-Mar 2020  
(8 week course)

  
**Prof. Hemant B Kaushik**  
Head, Centre for Educational Technology  
& NPTEL Coordinator  
IIT Guwahati

Indian Institute of Technology Guwahati



Roll No: NPTEL20ME23511020035 To validate and check scores: <https://npTEL.ac.in/noc>

**NPTEL-AICTE**  
Faculty Development Programme  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**NIRUPAM NATH CHOUDHURY**  
for successfully completing the course  
**Inspection and Quality Control in Manufacturing**  
with a consolidated score of **70** %

Feb-Mar 2021

  
**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras

  
**Prof. Dilip N. Malhotra**  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL21ME16513030074 To validate and check scores: <http://npTEL.ac.in/hoc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 20<sup>th</sup> July 2018, similar to other refresher / orientation courses. F.No. AICTE / RFD / FDP through MOOCs / 2017-18

**Elite**

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**NIRUPAM NATH CHOUDHURY**  
for successfully completing the course  
**Fundamentals of Manufacturing Processes**  
with a consolidated score of **70** %

Online Assignments	14.69/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: **649**

Sep-Dec 2020  
(12 week course)

  
**Prof. V. C. Srivastava**  
Coordinator, Continuing Education Centre  
IIT Roorkee

  
**Prof. Inderdeep Singh**  
NPTEL Coordinator  
IIT Roorkee

Indian Institute of Technology Roorkee



Roll No: NPTEL20ME67581020029 To validate and check scores: <https://npTEL.ac.in/hoc>

**Elite**

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**NIRUPAM NATH CHOUDHURY**  
for successfully completing the course  
**Product Design and Development**  
with a consolidated score of **85** %

Online Assignments	20.00/25	Proctored Exam	64.5/75
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Total number of candidates certified in this course: **926**

Sep-Oct 2020  
(4 week course)

  
**Prof. V. C. Srivastava**  
Coordinator, Continuing Education Centre  
IIT Roorkee

  
**Prof. Inderdeep Singh**  
NPTEL Coordinator  
IIT Roorkee

Indian Institute of Technology Roorkee



Roll No: NPTEL20ME69531020019 To validate and check scores: <https://npTEL.ac.in/noc>

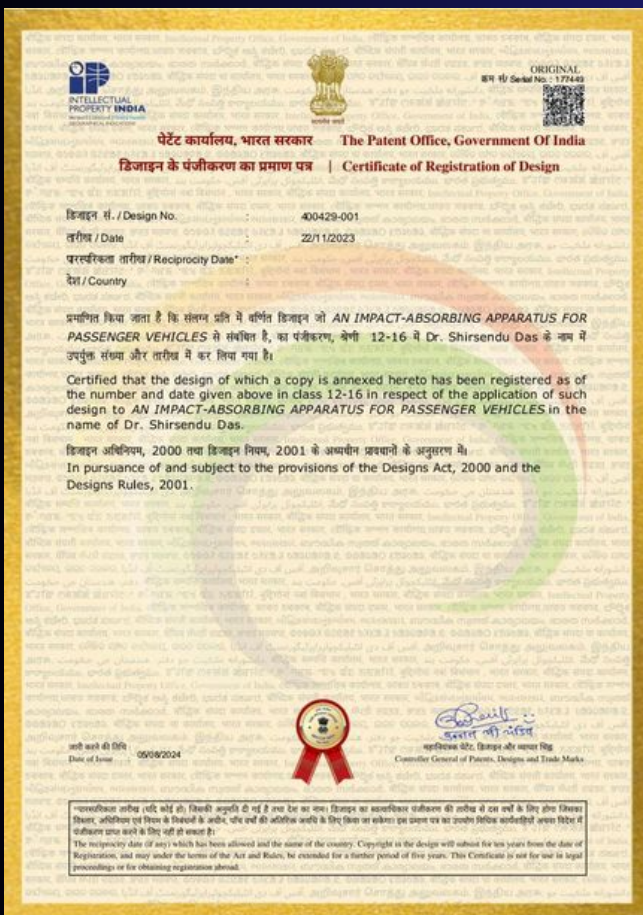
# FACULTY CORNER

## FDP ATTENDED BY FACULTIES



# FACULTY CORNER

## PATENT PUBLISHED BY FACULTIES OF ME DEPARTMENT



## RECENT PUBLICATIONS BY FACULTIES

1. Paul, R., Gouda, K., & Bhowmik, S. (2021). Effect of Different constraint on tribological behaviour of natural fibre/filler reinforced polymeric composites: A review. *Silicon*, 13(8), 2785- 2807.
2. Paul, R., & Bhowmik, S. (2022). Tribological Behavior of micro coir filler reinforced polymer composite under dry, wet, and heated contact condition. *Journal of Natural Fibers*, 19(6), 2077-2092.
3. Paul, R., & Bhowmik, S. (2022). Adhesive wear behaviour of surface modified bamboo filler reinforced polymer composite under different contact condition. *Journal of Natural Fibers*, 19(15), 12208-12223.
4. Das, S., Paul, S., & Doloi, B.
5. (2024). Bio-dielectric based eco-friendly electrical discharge machining of Ti6Al4V: assessment of the machined-surface morphology and micro-hardness. *International Journal of Surface Science and Engineering*.
6. Das, S., Paul, S., & Doloi, B. (2022). A Sustainable Die-Sinking Electrical Discharge Machining of Ti6Al4V Using Jatropha Bio-Dielectric. In *Advances in Modern Machining Processes: Proceedings of AIMTDR 2021* (pp. 3-12). Singapore: Springer Nature Singapore.
7. 2 Das, S. (2024). *Recent Advancement in Electrical Discharge Machining (Book)*, Nova Science Publisher (In press)
8. Sen, P., Kalita, S., Sen, D., Das, A. K., & Saha, B. B. (2022). Pool boiling heat transfer and bubble dynamics of modified copper micro-structured surfaces. *International Communications in Heat and Mass Transfer*, 134, 106039.
9. Sen, P. Experimental Study of Nucleate Pool Boiling Heat Transfer and Bubble Dynamics of Copper MicroStructured Surfaces.
10. Sen, P. Experimental Study of Nucleate Pool Boiling Heat Transfer and Bubble Dynamics of Copper MicroStructured Surfaces.
11. Das, S., Paul, R., Bhowmik, A., Giri, J., Albaijan, I., & Prakash, C. (2024). Assessment of the influence of flushing on the wear and morphological properties of the tool during electrical discharge machining. *AIP Advances*, 14(4) <https://doi.org/10.1063/5.0196307>.
12. Paul, R., Mahakur, V. K., & Bhowmik, S. (2024). A comparative analysis of the tribological

# STUDENT CORNER

## Industrial Training

**Organised By: Tool Room &  
Training Centre, Guwahati**

**Date: 8th August of 2023**

**Academic year: 2023**



## Internship Program at Technomate Edubotics , Agartala

**Date: 1st July of 2024**

**Academic year: 2024**

## Industrial Training

**Organised By: CIPET**

**Date: 29th April of 2023**

**Academic year: 2023**



# STUDENT CORNER

## BEST PROJECTS BY STUDENTS

### Water Dispensing System

**Objective:** To construct an IoT based advanced water dispensing system which provides highly intense purified water at low cost, where a person can make the payment through any online payment application, which is totally touchless and cash-less, moreover, this product is highly effective during the time of any pandemic situation. And also reduces plastic usability.

No. of students involved: 6 (2021-2022)



### Project Title: Solar powered Go-Kart

**Objective:** The main objective of this project is to construct a solar car to allow transport for people



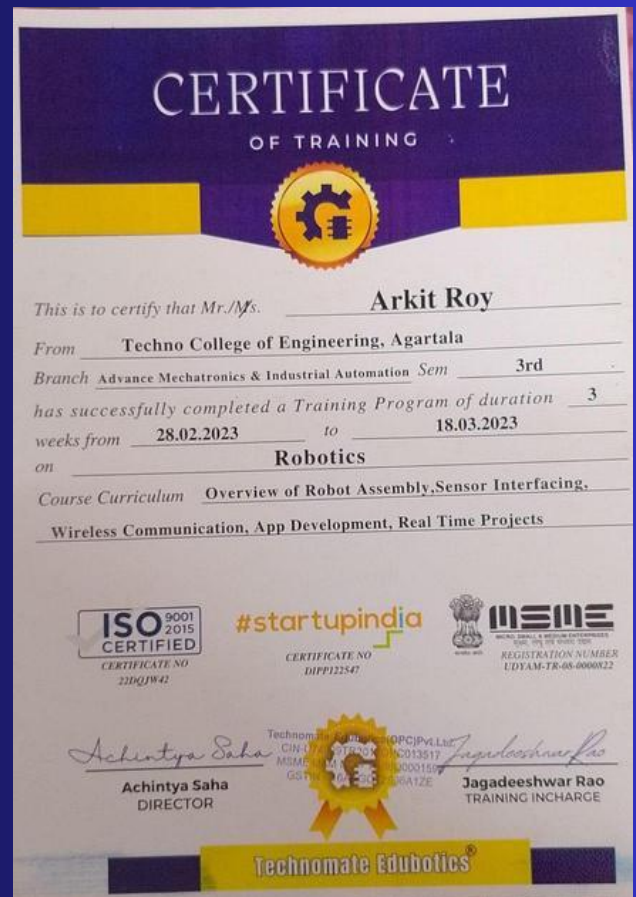
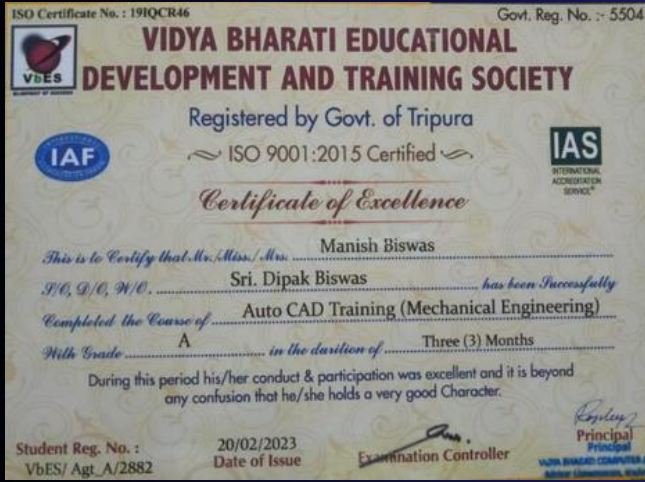
# STUDENT CORNER

## BEST INSTITUTIONAL PROJECT AWARD



# STUDENT CORNER

## CERTIFICATE COURSES BY STUDENTS



# STUDENT CORNER

## CERTIFICATE COURSES BY STUDENTS

  
Ministry of Micro, Small and Medium Enterprises,  
Government of India

**दूल रुम एवं ट्रेनिंग सेन्टर, गुवाहाटी**  
**TOOL ROOM & TRAINING CENTRE, GUWAHATI**  
MINISTRY OF MSME - GOVERNMENT OF INDIA  
Amingaon Industrial Area, Amingaon, Guwahati - 781 031 (Assam)  
(An ISO 9001: 2015, 14001:2015 Certified Organisation)



Enroll. No. : 23AST/ICP-0004/01981 Date: 01.08.2023

This is to certify Diptanil Dey that the within signed  
**Diptanil Dey**  
son/daughter of Dipak Dey  
having successfully completed the course on Integrated CNC Programming  
during the period from 03.07.2023 to 01.08.2023

 Faculty  Course Coordinator Project Manager

QMR-8.24-04

**CERTIFICATE**  
OF INTERNSHIP



This is to certify that Mr./Ms. Diptanil Dey  
From Techno College of Engineering, Agartala  
Branch Mechanical Engineering Department  
has Successfully Completed an One Month Internship Program with Technomate Edubotics From 01.07.2024 to 02.08.2024  
on Industrial IoT  
Course Curriculum Overview of Hardware, Basic Electronics, ESP8266 Programmings, Sensor Interfacing, Cloud Application, Real Time Projects

Technomate Edubotics (OPC) Pvt. Ltd.  
CIN: U72900TR2017OPCO13517  
MSME UAM NO - TR08D0001590  
GSTIN - 15AAGOT286A1ZE


 

Achintya Saha DIRECTOR Jagadeeshwar Rao CEO





**Technomate Edubotics®**

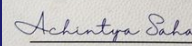
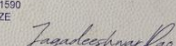
**CERTIFICATE**  
OF TRAINING




This is to certify that Mr./Ms. Diptanil Dey  
From Techno College of Engineering, Agartala  
Branch Mechanical Engineering Sem 3rd  
has successfully completed a Training Program of duration 3  
weeks from 1.03.2023 to 20.03.2023  
on Robotics  
Course Curriculum Overview of Robot Assembly, Sensor Interfacing, Wireless Communication, App Development, Real Time Projects

Technomate Edubotics (OPC) Pvt. Ltd.  
CIN: U72900TR2017OPCO13517  
MSME UAM NO - TR08D0001590  
GSTIN - 15AAGOT286A1ZE

Achintya Saha DIRECTOR Jagadeeshwar Rao TRAINING INCHARGE



**Technomate Edubotics®**

# DEPARTMENTAL FUNDED PROJECT

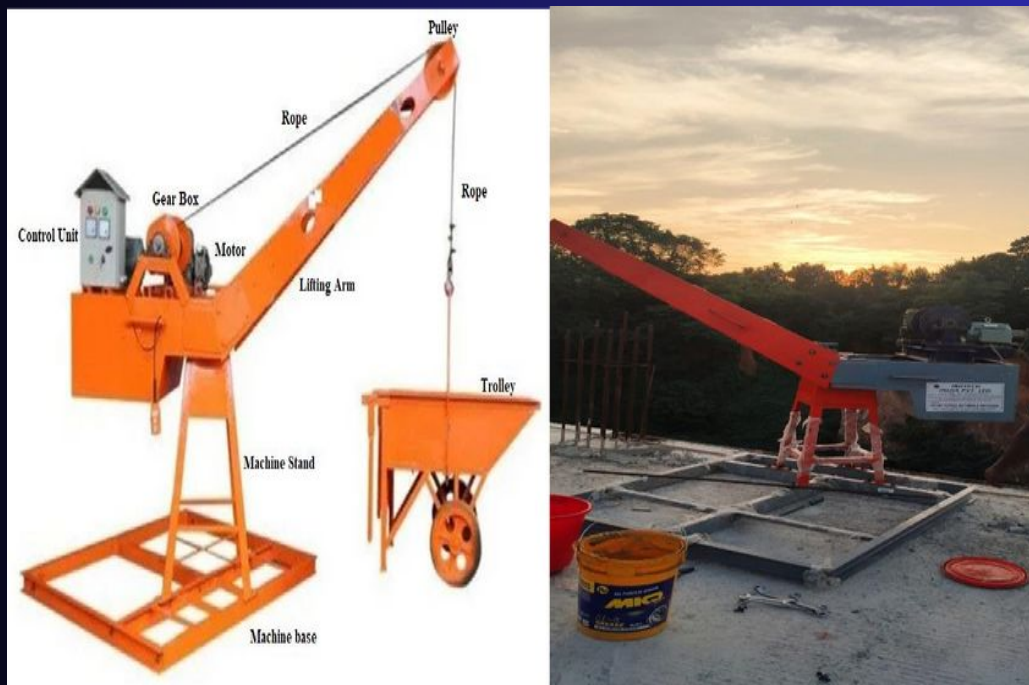
## COMPLETED PROJECT

### Details of the Project:

Name of the project: Material Lifting Machine

Cost of the project (in Rs): One lakh sixteen thousand (INR 1,16,000 /-) Funding authority:

Tribeni Construction Ltd. Date of completion: 6th November of 2023



## SUBMITTED PROJECT

### Details of the Project:

Name of the project: Electrical Discharge Machining Behavior of Polymer Nano-

composites: A Future Material for Mars-Monitoring Robot-components

Cost of the project (in Rs): Twenty six lakh sixteen thousand (INR 26,16,000 /-) Funding authority:

Science and Engineering Research Support Board (SERB) Principle Investigator: Dr. Shirsendu Das

Current Status: Provisionally Accepted

# PLACEMENT RECORD

## Pass-out Year: 2018



Pritam Debnath ▶ Indian Railways



Sagardeep Baidya ▶ Indian Railways



Sumanta Kundu ▶ State Bank of India



Rishikesh Chowdhury ▶ GA Dept., Govt. of Tr.

## Pass-out Year:

2019



Sourav Hossain ▶ TCEA



Manojit Sarkar ▶ School Edu. Dept.



Achinta Saha ▶ PRAN



Anirban Choudhury ▶ Zoom Air

## Pass-out Year:

2020



Sachin Chowdhuri ▶ Airtel



Nitish Sarkar ▶ Jarvis Coslt. Pvt.Ltd.



Abinash Nath ▶ NEEPCO



Somraj Ghosh ▶ Foxmula

## Pass-out Year:

2021



Subhadeep Sharma



Pradyut Nath  
▶ India Post



Sayan Paul  
▶ BYJU'S



Binayak Sarkar ▶ Jarvis  
Coslt. Pvt.Ltd.

## Pass-out Year:

2022



Pralay Das  
▶ Jarvis Coslt. Pvt.Ltd.



Akash Deb  
▶ Inmovidu



Bidyut Sharma  
▶ Inmovidu



Rima Sutradhar  
▶ Techno India University

## Pass-out Year:

2023



Subrata Choudhury ▶ Jarvis  
Coslt. Pvt.Ltd.



Haris  
▶ Jarvis Coslt.



Tanmoy Choudhury  
▶ AGT Biomedicals



Joydip Debnath ▶ Indian  
Railways

# Pass-out Year:

2024



Nishant Debbarma  
▶ Probotix, Ediglobe



Sakinjan Shill  
▶ Ediglobe, JBMI Engtech,  
LearNex



Aftab Uddin  
▶ Exide, JBMI



Bharghab Choudhury ▶ Exide,  
LearNex, Dhoot Transmission



Deepraj Majumder  
▶ JBIM, Exide etc.



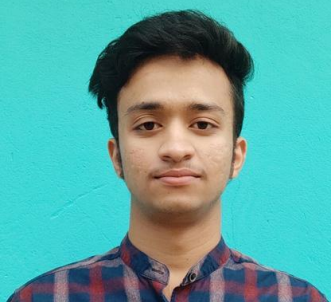
Joy Sutradhar  
▶ Exide, JBMI, .



Kamaldeep Bardhan  
▶ JBMI .



Manish Biswas  
▶ Byjus, Exide, JBMEPL, Dhoot  
Transmission.



Nilanjan Chowdhury  
▶ Probotix, LearNex, EdiGlobe, Dhoot  
Transmission.



Pratik Sarkar  
▶ EXIDE BATTERY..



Pritam Sarkar  
▶ Exide.



Rahul Debnath  
▶ JBMI engitech, Exide  
battery

# Pass-out Year:

2024



Sagar Gope

► Exide.



Santanu Choudhury ► Jarvis

Coslt. Pvt.Ltd.



Sagar Modak

► Exide.



Soumyadeep Bhaumik

► Edi Globe, Exide, JMBel, LearNex, Planet Spark, Dhoot Transmission.



Suman Das

► Exide Battery, JBMI Engitech..



# EXPRESSION 2024

## VOLUME : III DECEMBER 2024

A Newsletter of Department of Mechanical Engineering ,  
Techno College of Engineering Agartala



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**Maheshkhola, Anandanagar, Agartala, Tripura (West), India – 799004, Ph.-+91-9485002525,**

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