

IGNITE 2023



A DAILY NEWSLETTER

Editor in Chief

Dr. Srinivasan Alavandar
Principal, ACT

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UNNAT BHARAT ABHIYAN - SURVEY CAMP



Agni NSS Unit conducted one day **Unnat Bharat Abhiyan Survey Camp** at Sonalur village on 11th March 2023. Seventeen NSS volunteers actively participated in the camp. Survey camp coordinated by Dr. S. Sundramoorthy, Asst. Prof/Physics and Mr. N. Vimal Raj, Asst. Prof/Civil.

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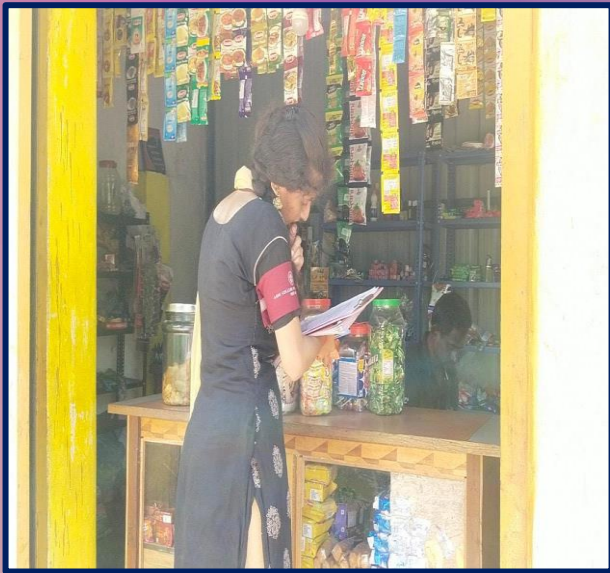


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GALLERY



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PLACEMENT DIVISION

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CORE PLACEMENTS

COUNSELING CODE **1316**

2023 Batch



2.5 LPA **3 Offers**

 **padmaseetha**
Technologies Pvt. Ltd.

PADMASEETHA TECHNOLOGIES PVT. LTD.

The final year students, Department of Biomedical Engineering have been placed in **Padmaseetha Technologies Pvt. Ltd., IITM Research Park, Chennai** for Business Development Operation Manager with CTC of 2.5 LPA.

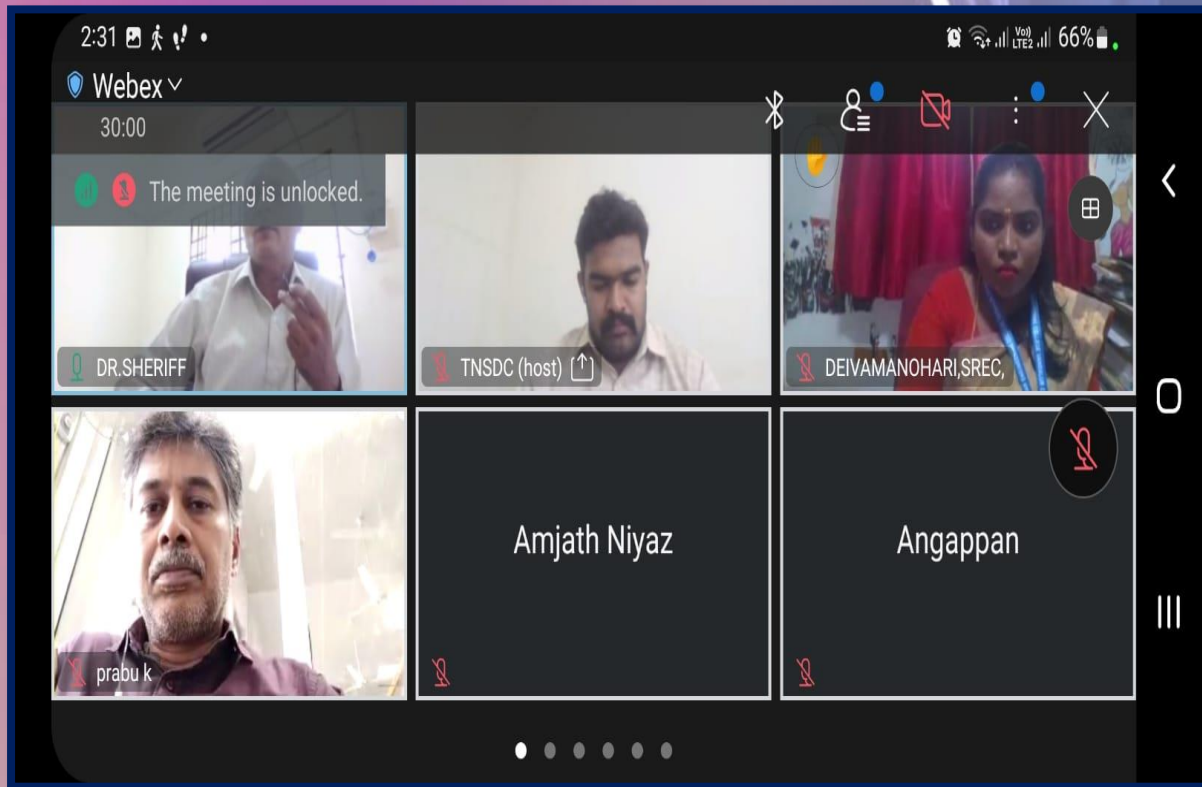
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PLACEMENT DIVISION

Ms. Vidhya, Placement Officer has attended **Placement Officers Virtual Meet** organized by **Naan Mudhalvan** on 11th March 2023 regarding the placement assistance support, placement status updates & use of Naan Mudhalvan Logo in the Placement Banners.

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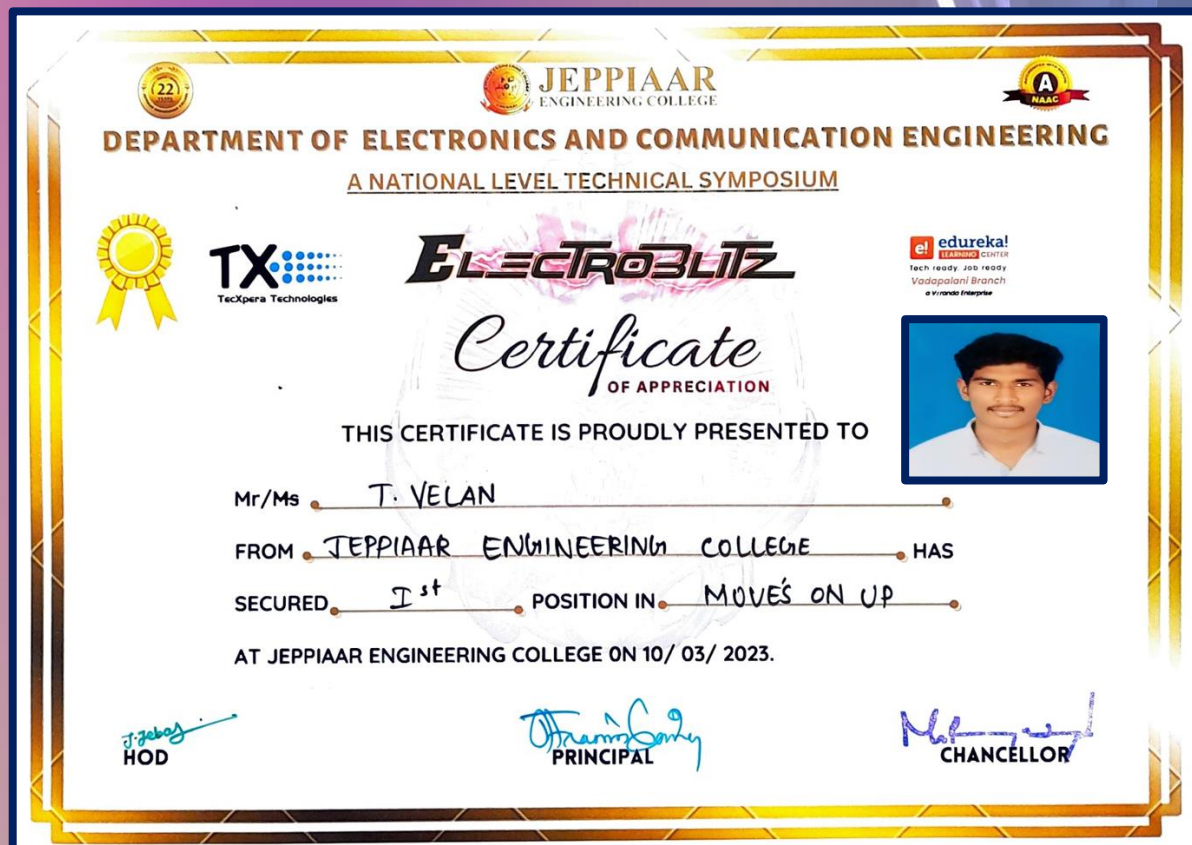
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STUDENT ACHIEVEMENT



Velan T, II year student, Department of Electrical and Electronics Engineering has won **I Prize** in the event **Moves On Up** in **National Level Technical Symposium** held at Jeppiaar Engineering College, Chennai on 10th March 2023.

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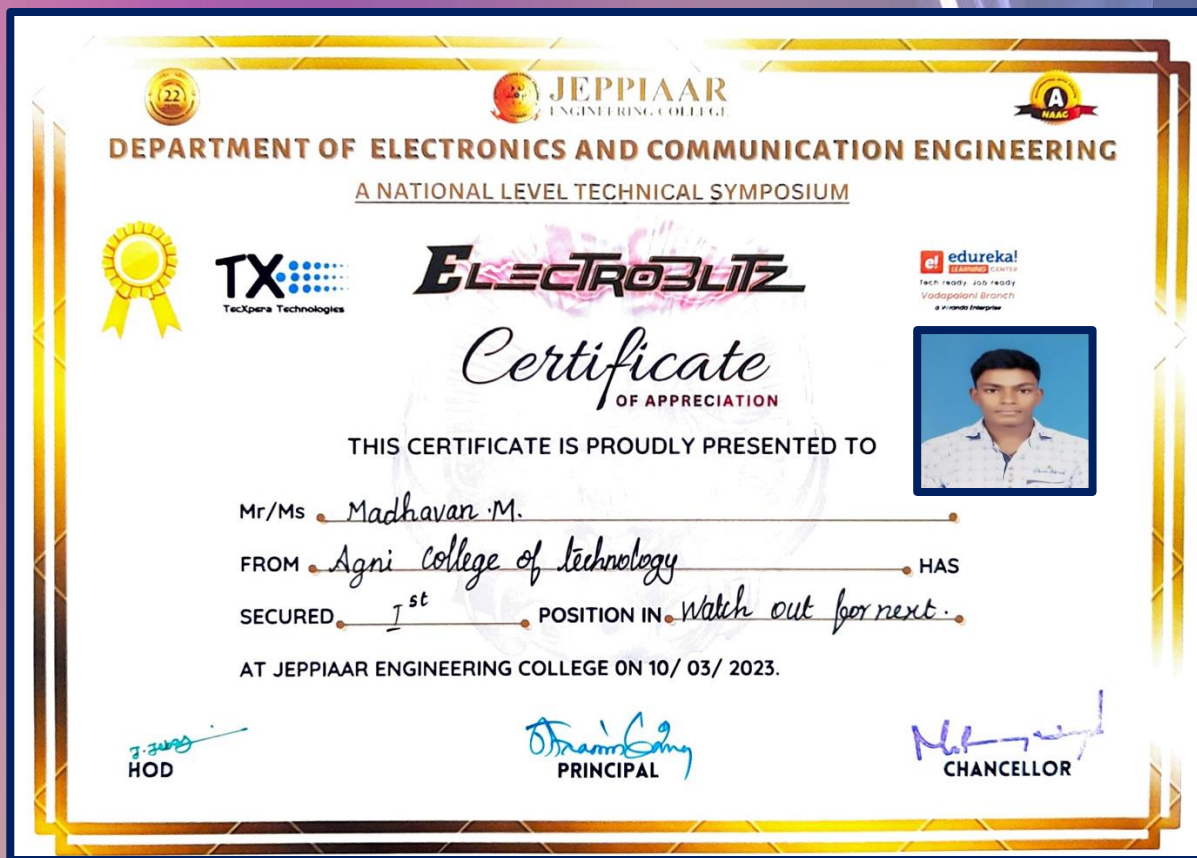
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STUDENT ACHIEVEMENT



Madhavan M, II year student, Department of Electrical and Electronics Engineering has won **I Prize** in the event **Watch Out for Next** in **National Level Technical Symposium** at Jeppiaar Engineering College, Chennai on 10th March 2023

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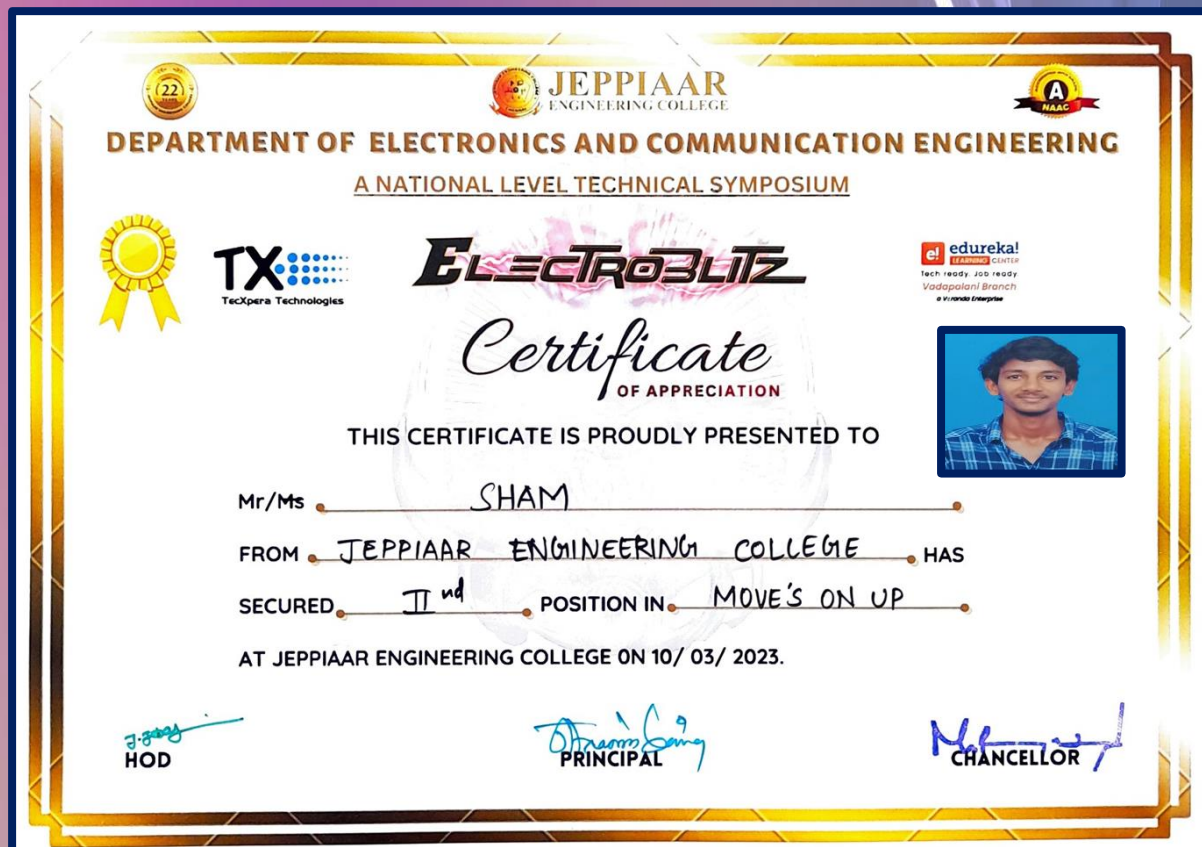


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STUDENT ACHIEVEMENT



Sham P, II year student, Department of Electrical and Electronics Engineering has won **II Prize** in the event **Moves On Up** in **National Level Technical Symposium** held at Jeppiaar Engineering College, Chennai on 10th March 2023.

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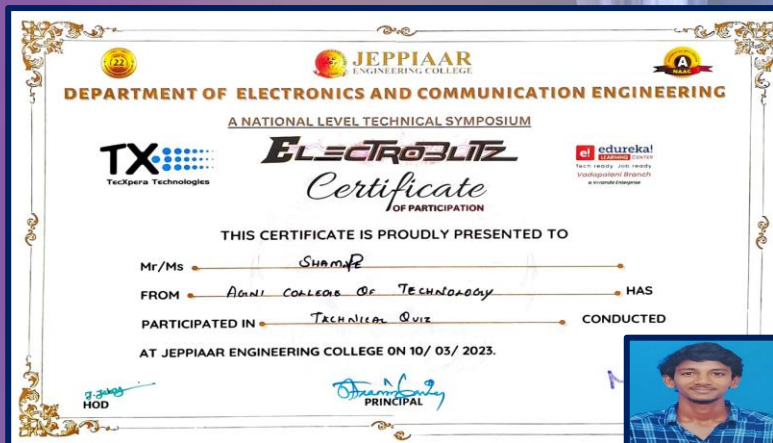
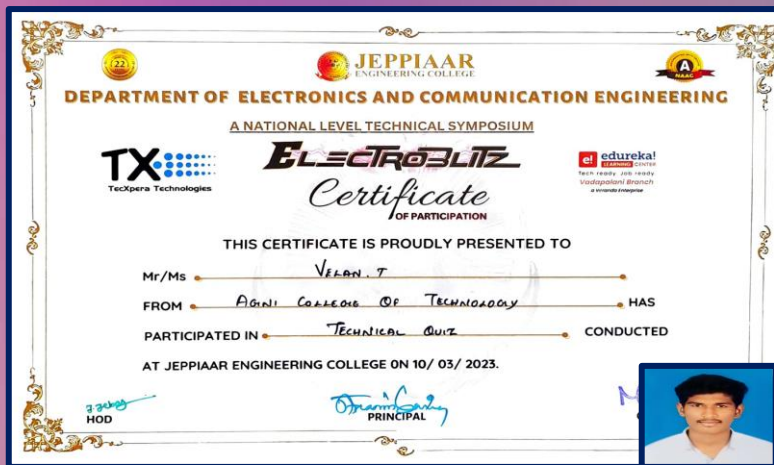


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STUDENT PARTICIPATION



Velan T & Sham P, II year students, Department of Electrical and Electronics Engineering have participated in the event **Technical Quiz in National Level Technical Symposium** held at Jeppiaar Engineering College, Chennai on 10th March 2023.

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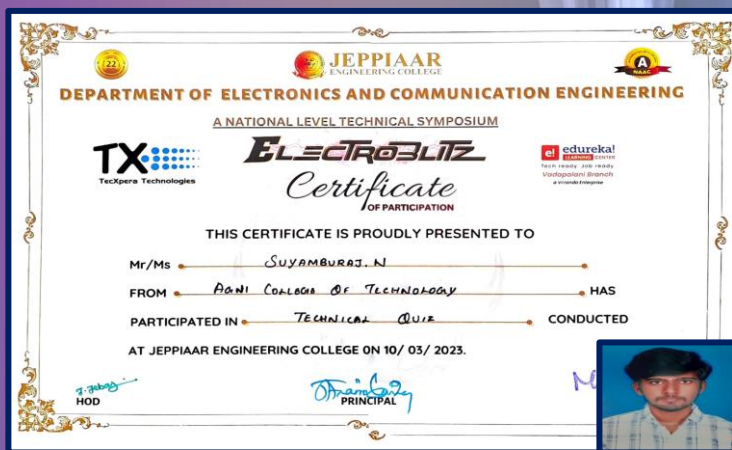
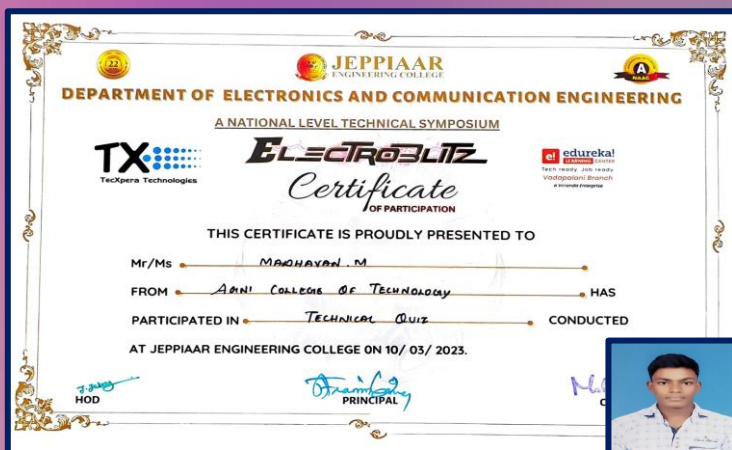
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STUDENT PARTICIPATION



Madhavan M & Suyamburaj N, II year students, Department of Electrical and Electronics Engineering have participated in the event **Technical Quiz in National Level Technical Symposium** held at Jeppiaar Engineering College, Chennai on 10th March 2023.

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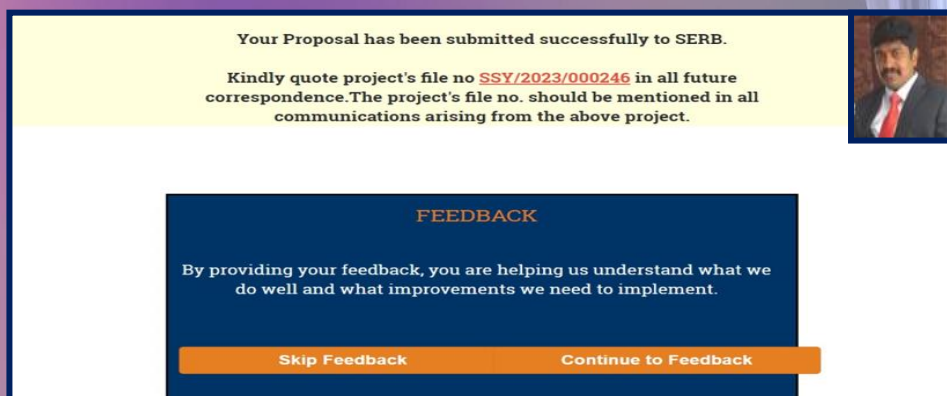
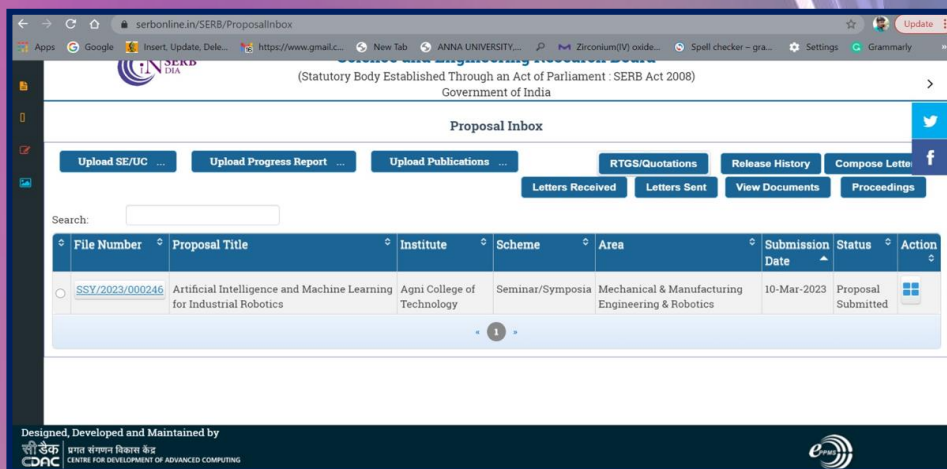
STUDENT PARTICIPATION



Balamanikandan. M, II year student, Department of Computer Science and Engineering has participated in the Morpheux 2023 in the event **Paper Presentation** on **Unlocking VR Technology in Medical Field** organized by Jeppiaar Engineering College, Chennai on 10th March 2023.

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FACULTY ACHIEVEMENT



Dr. R Pandiyarajan, Head, Department of Mechatronics Engineering submitted a proposal to the **Science & Engineering Research Board (Serb), New Delhi** on 10th March 2023 for the funding projects on the title **Artificial Intelligence and Machine Learning for Industrial Robots**.

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FACULTY ACHIEVEMENT

Author's Profile



Dr. R. Raja, Principal, Pandian Saraswathi Yadav Engineering College is highly skilled, talented and qualified Professor with experience as a Head of the Department and in the administration of college activities. He is an academician and a researcher with a total experience of 22 years (nearly 12 years in teaching & 10 years in Industry). He pursued his BE degree in Electronics & Communication Engineering under Madurai Kamaraj University. M.E. degree in VLSI Design from Anna University, Coimbatore and Ph.D. from Anna University, Chennai. He has convened and co-ordinated many National & International events. He has authored or co-authored more than 10 research papers in various Reputed Journals and International conferences. He has strong passion in gaining more leadership and managerial skills along with his determined and goal oriented tasks.



Dr. A. Askarunisa, Professor, Computer Science & Engineering Department, Pandian Saraswathi Yadav Engineering College is an academician and a researcher with a total experience of 28 years. She had her BE degree in Computer Science & Engineering under Bharathidasan University. M.E. degree in Software Engineering from Anna University, Guindy Campus, Chennai and Ph.D. from Anna University, Chennai. During her service she has carried out several Research and Development projects sponsored by funding agencies like AICTE, Computer Society Of India, Department of Science & Technology (DST), Institute of Engineers (IE-India), Tamil Nadu State Council for Science and Technology (TNOST) in areas like Software Testing, Image Processing, and Sentiment analysis. She has organised IEEE International Conferences, KMR Sponsored & CSI Sponsored Workshops/Seminars and has delivered lectures in various institutions. She has served as Member of Board of Studies, Member of Examination Board and has to her credit about 24 publications in International Journals, nearly 10 IEEE International Conferences, nearly 27 International Conferences and 1 text book. She has produced 4 Ph.D.s and guiding 3 Ph.D.s. She has strong passion in exploring latest Technologies for pursuing more research.



Dr. S. Meenakshi Sudarshini working as Professor and Head of the Department of Civil Engineering in Pandian Saraswathi Yadav Engineering College, Sivagangai Districts. She has more than 18 years of experience in teaching and 10 years of experience in research. She received B.E. (1994) in Civil Engineering from P.E.N.A. College of Engineering and Technology, Dindigul. She received M.E. (2001) Structural Engineering from Thiagarajar College of Engineering, Madurai. She received Ph.D. (2019) Structural Engineering from Anna University, Chennai. She has authored or co-authored more than 20 research papers in various international conferences and reputed journals. She has strong passion in Concrete Technology, Environmental Sustainability and Eco friendly building resources.



KARTHIKEYAN S. completed his B.E. Mechanical Engineering with Distinction from Kings College of Engineering, Thanjavur in 2010. He had completed his M.E. Thermal Engineering with first class from Saravastha College of Engineering, Tiruchirappalli in 2015. He is currently pursuing his Ph.D. Mechanical Engineering from Anna University, Chennai. Currently he is working as Assistant Professor in the Department of Mechatronics Engineering, April College of Technology, Chennai. He has 9 years of experience in the field of teaching and industry. He published 3 SCI / ESCI and 4 scopes indexed articles in reputed Journals. His interest of research in Waste to Energy, CRDI Engines, Optimization and Machine Learning Prediction Techniques.



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RESEARCH METHODOLOGY



RESEARCH METHODOLOGY

Dr. R. RAJA
Dr. A. ASKARUNISA
Dr. S. MEENAKSHI SUDARSHINI
Mr. S. KARTHIKEYAN



Mr. S Karthikeyan, Assistant Professor, Department of Mechatronics Engineering has published a text book on the title **Research Methodology**, Scientific International Publishing House, ISBN: 978-93-5757-059-6, March 2023.

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FACULTY PARTICIPATION



Ms. Chithra P, Assistant Professor, Department of Electronics and Communication Engineering has completed a **Master Class On Arm Cortex M4**, a one month course from 19th December 2022 to 17th February 2023 offered by **Pantech Solutions, Chennai**.

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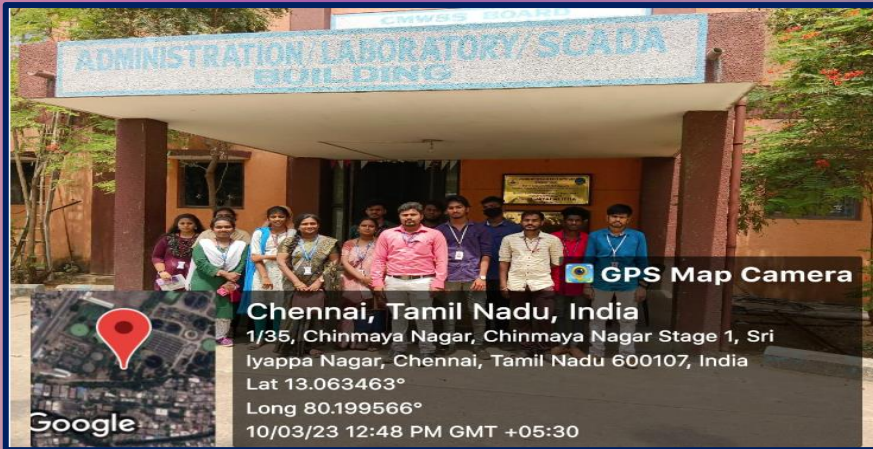


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INDUSTRIAL VISIT



The Department of Civil Engineering has organized an **Industrial Visit** for the II, III year students to **Sewage Treatment Plant** at Koyambedu to enhance their practical knowledge on 10th February 2023.

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DEPARTMENT MEETING



Dr. Arul Kulandaivel, Head, Department of Science and Humanities has conducted the meeting on 11th February 2023. The ultimate aim of the tireless coaching is to get 82% results in IAT-II examination, practice extra questions for Mathematics, action against malpractice, no fee default students from monday, ensuring the register number of the students, sharing repeated university questions and question banks are the points discussed in the meeting.

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CLUB ACTIVITY



The Department of Computer Science and Engineering has organized Technical Connections Event on the theme Trending Terminologies in Computer Science and Crossword Puzzle on the Operating System during the club activity, coordinated by Ms. Prinslin L, Assistant Professor on 10th March 2023.

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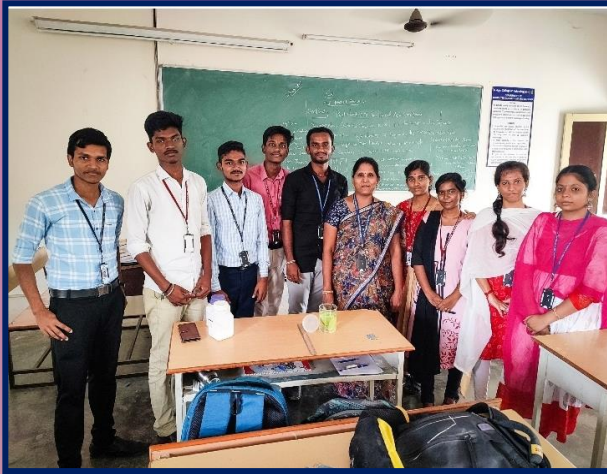
CLUB ACTIVITY



The second year students, Department of Artificial Intelligence and Data Science have done the Department Activity on Journal Writing and it was effectively participated by the students on 10th March 2023.

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CLUB ACTIVITY



glucose. The process takes place in chloroplasts, which are specialized organelles found in the cells of photosynthetic organisms.

The first stage of photosynthesis is the light-dependent reactions, which take place in the thylakoid membranes of the chloroplasts. In this stage, light energy is absorbed by pigments, primarily chlorophyll, and used to split water molecules into oxygen and hydrogen ions. The oxygen is released into the atmosphere, while the hydrogen ions are used to create a proton gradient across the thylakoid membrane.

The second stage of photosynthesis is the light-independent reactions, also known as the Calvin cycle. This stage takes place in the stroma of the chloroplasts and uses the chemical energy produced in the light-dependent reactions to convert carbon dioxide into glucose. The glucose can be used by the plant for energy or stored for later use.

Overall, photosynthesis is a complex and essential process that enables photosynthetic organisms to create their own food and support life on Earth. By converting light energy into

The second year students, Department of Artificial Intelligence and Data Science have done a Class Activity on the topic of Photo Synthesis on the subject Environmental Science with the mentorship of Dr. S. Shunmugakani on 10th March 2023.

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CLUB ACTIVITY



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DEPARTMENT OF MECHANICAL AND AUTOMATION ENGINEERING
DESIGN FOR MANUFACTURING CLUB
presents
Idea To Product
DESIGN

Date: 10/03/2023 **Time:** 2:15-3:45pm

Student Coordinator Mr.C. Jospherson Dasan Mr. A. Paul Jeevanesan	Coordinator Dr. S. Deepak AP/dept. of MAE	Head Of Department Dr.T. Anand Prof & Head/Dept. Of MAE
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The Department of Mechanical and Automation Engineering has organised Design Competition by **Manufacturing Club** on the topic **Idea to Product** which was coordinated by Dr. S. Deepak, Assistant Professor on 10th March 2023.

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CLUB ACTIVITY



Dr. Josh Kumar, Professor and Mr. Mohammed Ismail, Assistant Professor, Department of Electronics and Communication Engineering conducted a Reading Activity under **Literary & Hobby Club** for the third year students on 10th March 2023. The students were also made to participate in a Quiz session based on the activity. Ajay asleen J, IV year student coordinated for the active conduct of the events.

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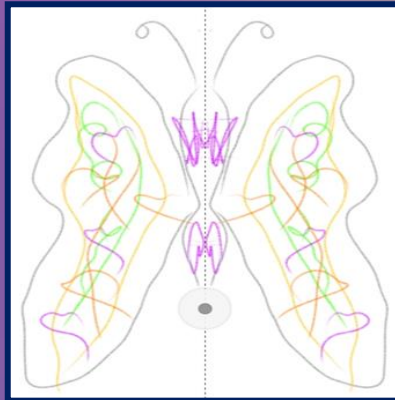
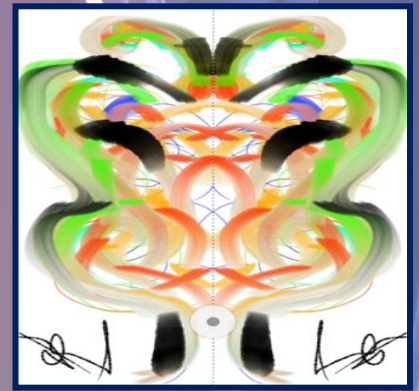


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CLUB ACTIVITY



The Department of Mechatronics Engineering has conducted a club activity in Sketching Drawings using a Sketchbook Mobile App for the second and third year students on 10th March 2023 and students participated enthusiastically and exhibited their talents.

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