

IGNITE 2024



A DAILY NEWSLETTER

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Ms S Archana AP - EEE
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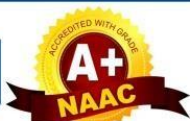
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PLACEMENT NEWS

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CONGRATULATIONS!

Department of
Electrical & Electronics Engineering and Aerospace Engineering

COUNSELING CODE 1316

For being placed in

DIGITAL EPCS
Digital technology for EPC Business

Position: Piping Design Engineer
CTC-4 LPA

WE ARE PROUD OF YOU AGNIAN'S

Three students from the departments of Electrical & Electronics Engineering and Aerospace Engineering are the final select of **Digital EPCS Pvt. Ltd.** as Piping Design Engineers with a CTC of 4 LPA. Digital EPCS Pvt. Ltd. is a service provider to the oil and gas production and processing industry. They design, build, and maintain oil and gas facilities.

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Training and Skill Development



Training and Skill Development cell has conducted a Mock Placement Drive- II on 04.04.2024 for the III Year Students of AIDS,BME,CSE,ECE,EEE,IT. The drive includes Aptitude testing, Coding, GD and Personal Interviews.

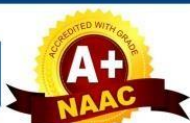
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GALLERY



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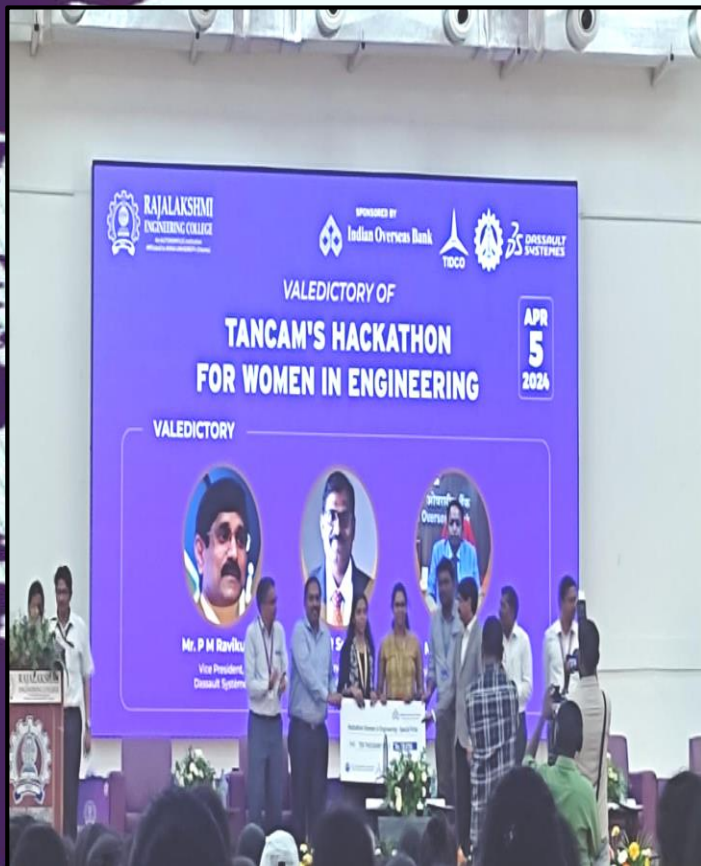
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TANCAM – HACKATHON WINNERS



The Tamil Nadu Centre of Excellence for Advanced Manufacturing (TANCAM), under the auspices of the Government of Tamil Nadu, hackathon brought together over 240 teams and 700+ students from across Tamil Nadu. **Dishon Nibiya R.K. and Swathi Mala. V**, II Year students, Aerospace Engineering secured the top 10 position and received a special award of 10000 Rs. Ms. O.C. Remya, Assistant Professor, Electrical and Electronics Engineering, has accompanied the students on 05.04.24

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TANCAM GALLERY



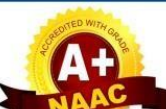
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FACULTY ACHIEVEMENT

2024 2nd International Conference on Computer, Communication and Control (IC4)

IoT-Driven Image Recognition for Microplastic Analysis in Water Systems using Convolutional Neural Networks

Dr. M D Ashfaul Hasan
Department of Computer Science and Engineering, Malla Reddy Institute of Engineering and Technology,
Hyderabad, Telangana, India.
dr.ashfaq.mailme@gmail.com

Dr. N. Arunfred
Faculty of Management Studies,
SRM Institute of Science and Technology, Kattankulathur,
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arunfredeie@gmail.com

Dr. K. Balasubadra
Department of Information Technology, R.M.D. Engineering,
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Ishwarya M.V
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g.vadivel@sct.edu.om

S. Murugan
Department of Computer Science and Engineering
Engineering
Engineering
Medical and
Savee
Chennai,
smures

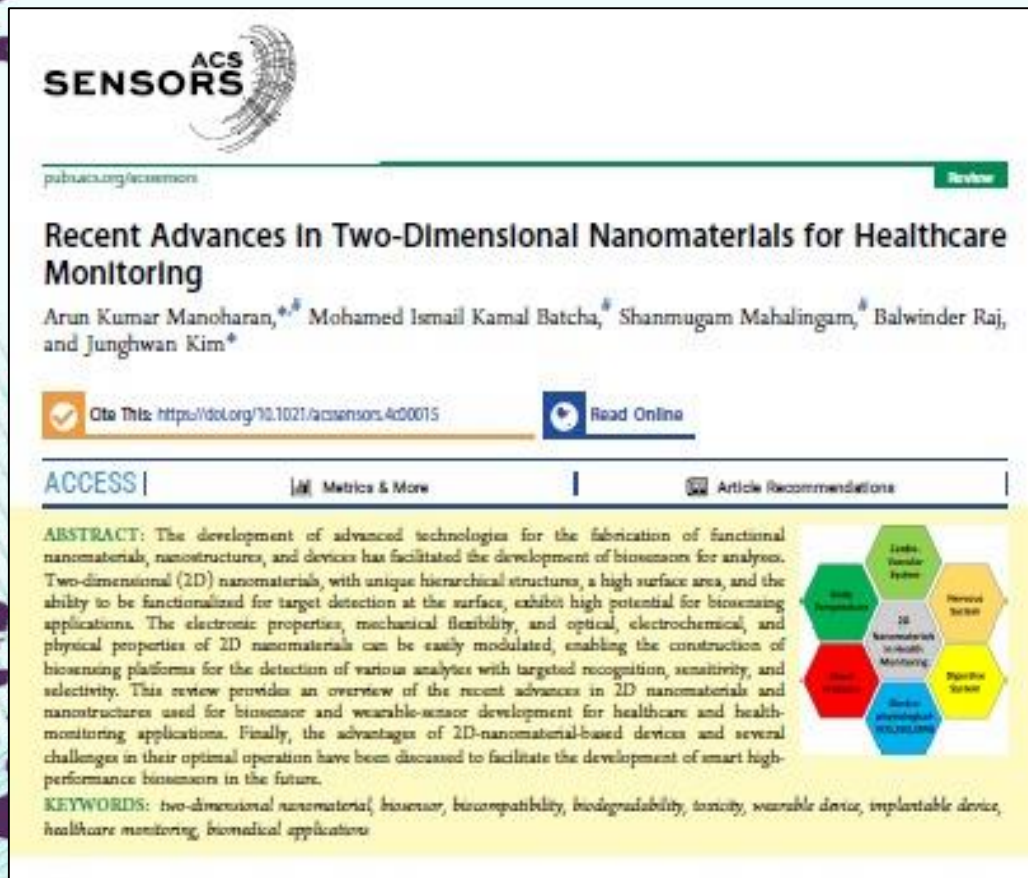
Abstract— Microplastic pollution in water systems is growing, requiring novel detection and analysis methods. This research presents an Internet of Things (IoT)-driven image identification system using Convolutional Neural Networks (CNNs) to detect and quantify microplastics in water samples. The suggested method is more scalable and responsive due to IoT resolution, data capture, and remote monitoring of water

Microplastics are an increasing danger to freshwater ecosystems, making them [2]. Accurate and quick methods for detecting microplastics in water are currently using a deep learning-based approach to microplastic tracking, and counting in freshwater ec



Dr. ISHWARYA M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science, has presented and published a paper titled "IOT-DRIVEN IMAGE RECOGNITION FOR MICROPLASTIC ANALYSIS IN WATER SYSTEMS USING CONVOLUTIONAL NEURAL NETWORKS" at the IEEE International Conference on Computer, Communication and Control (IC4) on 05th April, 2024. Indexed by Scopus.

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FACULTY ACHIEVEMENT

9th IEEE International Conference on Science, Technology, Engineering and Mathematics (ICONSTEM 2024)
Publication Partner: IEEE Chennai, Tamil Nadu, INDIA

PROGRAMME SCHEDULE (ICONSTEM 2024)

Theme: The Role of Emerging Technologies in Digital Transformation

Date : 04.04.2024

Time : 12.45pm - 3.00 pm

Mode of Presentation: Online

Venue: ECE Block- Hall -20

Session Chair:

Dr. J. Rajeswari, Assistant Professor, Dept. of Networking and Communication, Agni College of Technology, Chennai

Mr.E.Sakthivel, Assistant Professor, Dept of ECE, Jeppiaar Engineering College, Chennai

S.No	Time Schedule	Conference Id	Paper Title	Authors
1	12.45pm – 1.00pm	ICON24T2204	Edge Intelligent in IoT: Algorithms and Applications	Kode Jaya Prakash S. Gobimohan J. Fernia Mercy Rani P. S. Latha Mageshwari Iffath Fawad G. Suganya
2	1.00pm – 1.15pm	ICON24T2226	Low power design techniques for IoT devices	D. Shekar Goud Kumar C S. Devipriya S.Dhanalakshmi P. S. Latha Mageshwari Anitha Mary M E. Afreen Bano



Dr. Rajeswari Jayaraj, Assistant Professor, Department of Electronics and Communication Engineering has been invited as a session chair in the **9th IEEE International Conference on Science, Technology, Engineering and Mathematics** organized by Jeppiaar Engineering College held on 4th and 5th April 2024.

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STUDENT ACHIEVEMENT



Ms. Swathimala and Ms. Dishon Nibiya, second-year students in the Department of Aerospace, participated and secured a **Special Prize with Cash Award of Rs10,000** at the Hackathon for Women in Engineering organized by TAMCAM as a Part of AGNI PRIDE.

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STUDENT ACHIEVEMENT



M. Rohit, B. Praveen and S. Sersabesan (IT), I year students, Department of Science and Humanities have won the Runners in IP Charades Competition in SUPREMO, National IP Fest organized by Centre for IPR, School of Law, Sathyabama Institute of Science and Technology, Chennai on 4th and 5th April 2024.

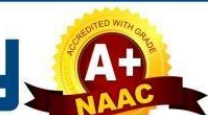
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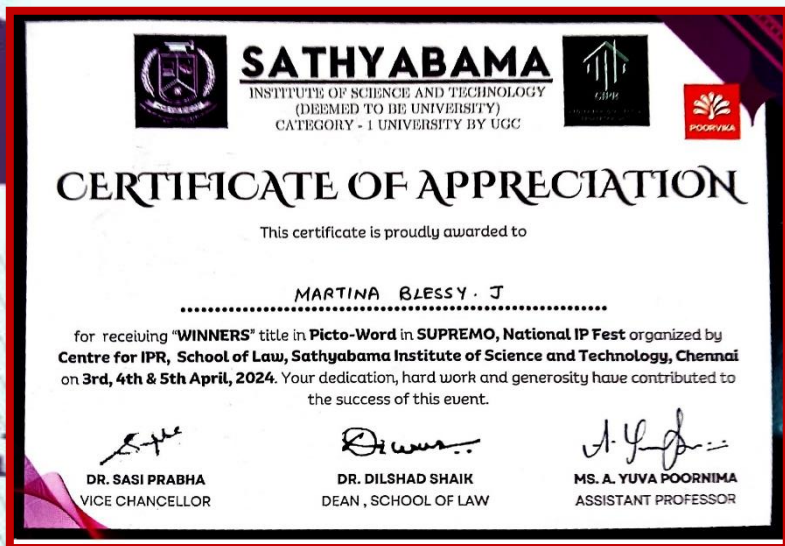
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STUDENT ACHIEVEMENT



J. Martina Blessy (CSE), I year student, Department of Science and Humanities, has won the Winners in Picto-Word Competition in SUPREMO, the National IP Fest organized by the Centre for IPR, School of Law, Sathyabama Institute of Science and Technology, Chennai, on 4th and 5th April 2024.

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STUDENT ACHIEVEMENT



Asan Fathima A, Harini AK, Dhanusha S, and Sri Rakshaga S.R. IV Year Students, Electronics and Communication Engineering, have presented a research article titled **"AI-Based Smart Visual Assistance System"** in the 9th IEEE International Conference on Science, Technology, Engineering, and Mathematics organized by Jeppiaar Engineering College, held on 4th and 5th April 2024.

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STUDENT PARTICIPATION



Nanthini Priya.R., Udit Yashica, Jai Akash, Jabaraj, III & II year Students, Department of Information Technology have attended the **OneYes Startup Fest 2024**, organized by Sri SaiRam College of Engineering, on 5th April 2024 at Leo Muthu Indoor Stadium.

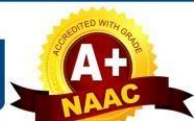
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STUDENT PARTICIPATION



Surya K , third year student in the Department of Aerospace Engineering has participated in Various Events such as Water Missile , Air Crash Investigation etc.at the National Level Technical Symposium **SAKURA 24** at Hindusthan Institute of Technology on 3rd April 2024 .

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STUDENT PARTICIPATION



P.Amudeeswari (CSE), I year student, Department of Science and Humanities, has participated in a "One-Day Workshop on Navigate Challenges & Discover Prospects in Research" organized by the Department of Psychology, Mohamed Sathak College of Arts & Science, Chennai, on 5th April 2024.

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STUDENT PARTICIPATION



B.Nithish, B. Tharun, and T. Selva Kumar (IT), I year students, Department of Science and Humanities, have participated in the Picto Word Competition in SUPREMO, the National IP Fest organized by the Centre for IPR, School of Law, Sathyabama Institute of Science and Technology, Chennai, on 4th and 5th April 2024.

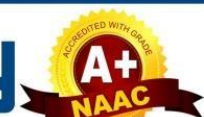
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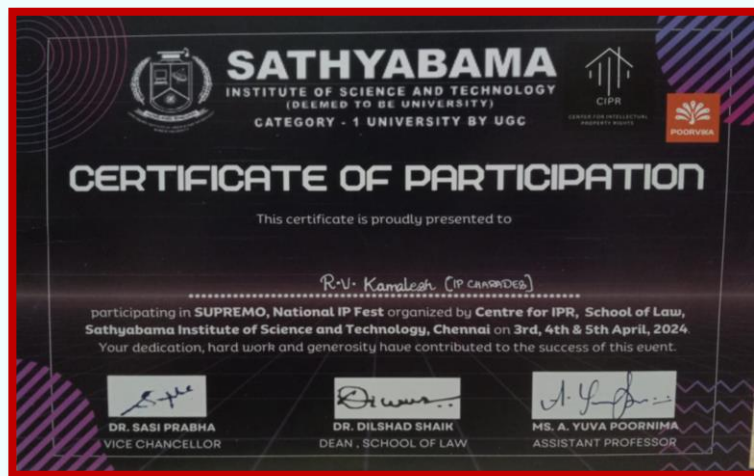
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STUDENT PARTICIPATION



R.V. Kamalash, J. Martina Blessy (CSE), and R. Samuel (IT), 1 year students, Department of Science and Humanities, have participated in the IP Charades Competition in SUPREMO, the National IP Fest organized by the Centre for IPR, School of Law, Sathyabama Institute of Science and Technology, Chennai, on 4th and 5th April 2024.

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STUDENT PARTICIPATION



CERTIFICATE OF COMPLETION

Altair® Compose



KALAISELVAN RAVI

This certificate confirms the successful completion of the course
Compose - Signal Processing

March 25, 2024

Mr. Kalaiselvan R., III year , Department of Mechanical Engineering, has participated and successfully completed the course titled “**Compose – Signal Processing**” conducted by **Altair** on 25th March, 2024.

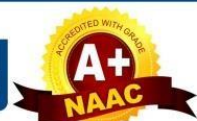
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STUDENT PARTICIPATION



Chandini R., II Year students, Department of Computer Science and Engineering, has successfully completed an online course **“Introduction to Cyber Security”** provided by SkillUP on 5th April 2024.

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STUDENT PARTICIPATION



CERTIFICATE OF COMPLETION

Presented to

Mustaqeem Syed

For successfully completing a free online course
My SQL Basics



Provided by

Great Learning Academy

(On April 2024)

Mustaqeem Syed, II Year student, Department of Computer Science and Engineering, has successfully completed an online course “**My SQL Basics**” provided by Great Learning in April 2024.

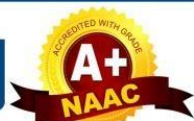
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STUDENT PARTICIPATION



Joseph Sham D, Dharshini S, Balamurugan J, and Gowthaman R, II year students, Department of Mechatronics Engineering, have successfully completed a free online course on **Effective Communication** provided by Great Learning Academy.

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STUDENT PARTICIPATION



Jeron Jeba Jose J., Mohan M., and Fathimunisa K., II year students, Department of Mechatronics Engineering, have successfully completed a free online course **Effective Communication** provided by Great Learning Academy.

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MOCK PLACEMENT- PERSONAL INTERVIEW



9 students of Third year students of Biomedical Engineering attended the “**MOCK PLACEMENT INTERVIEW**”, interviewed by **D.Ishwarya M.V.**, Associate Professor and Head of the Department, Artificial Intelligence and Data Science, on 6th April 2024.

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GALLERY



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PRIDE COORDINATORS MEETING



The PRIDE Coordinators Meeting was held on 06.04.2024 in the Communication Lab, Electronics and Communication Engineering Department. All the department PRIDE coordinators attended the meeting and discussed the upcoming events; **Uipath App Challenge, Logo Contest, and The Inventors Challenge – 2024.**

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PARENTS TEACHERS MEETING



Dr.P. Murugan, Associate Professor and Head of the of the Department of Chemical Engineering, discussed the academic progress of Ms.S. Queen Preethi, second year student, with her Mother on 5th April 2024.

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