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St. JOSEPH'S COLLEGE OF ENGINEERING

(An Autonomous Institution)

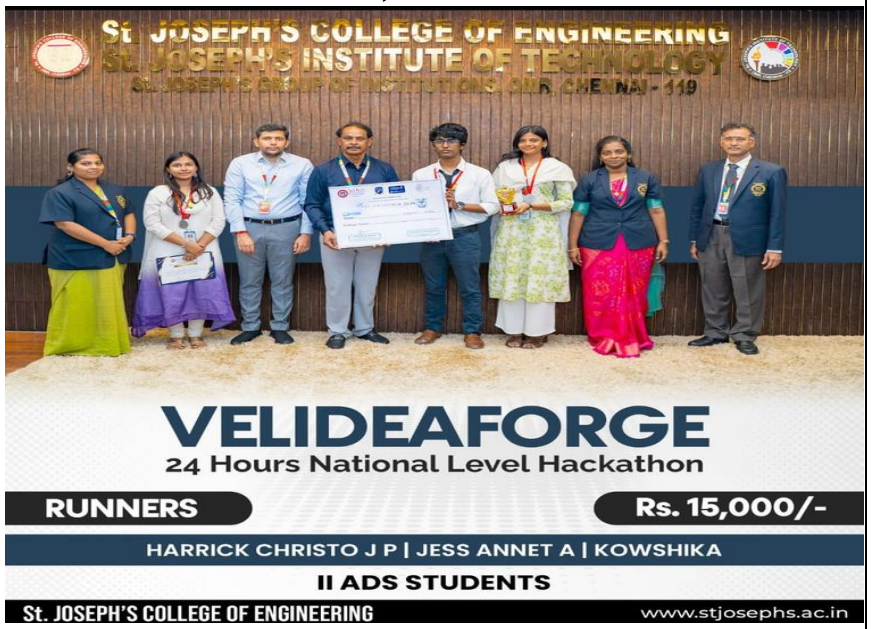
St. Joseph's Group of Institutions

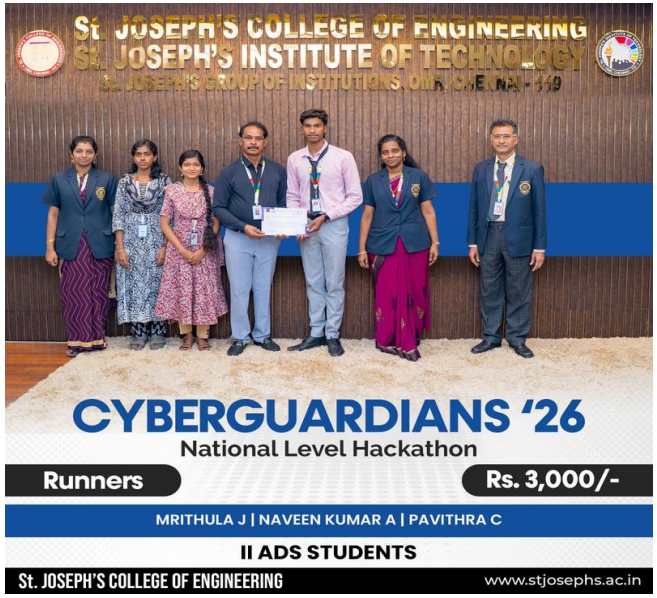
OMR, CHENNAI - 119

MARCH 2026

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

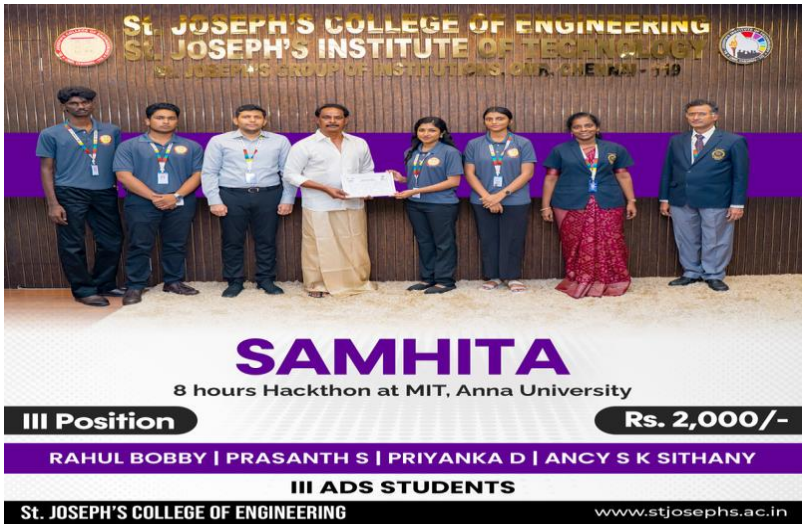
S.No.	Title of the Events and Photographs	Details of the Event
1.	AI 	*Bhavadarshini R, a third-year ADS student, currently serves as the President of the St. Joseph's chennai Toastmasters Club, leading the club with dedication and vision. The club, hosted at St. Joseph's College of Engineering, proudly recognized and appreciated its Executive Committee (ExCom) members for their commitment and outstanding contributions. The event highlighted the leadership, teamwork, and consistent efforts of the members in promoting effective communication and personal development. With Club Number 28679282, Area G02, District 120, the club continues to uphold the values of Toastmasters International by empowering students and professionals to enhance their public speaking and leadership skills. The ceremony stood as a moment of pride and motivation, encouraging members to strive*

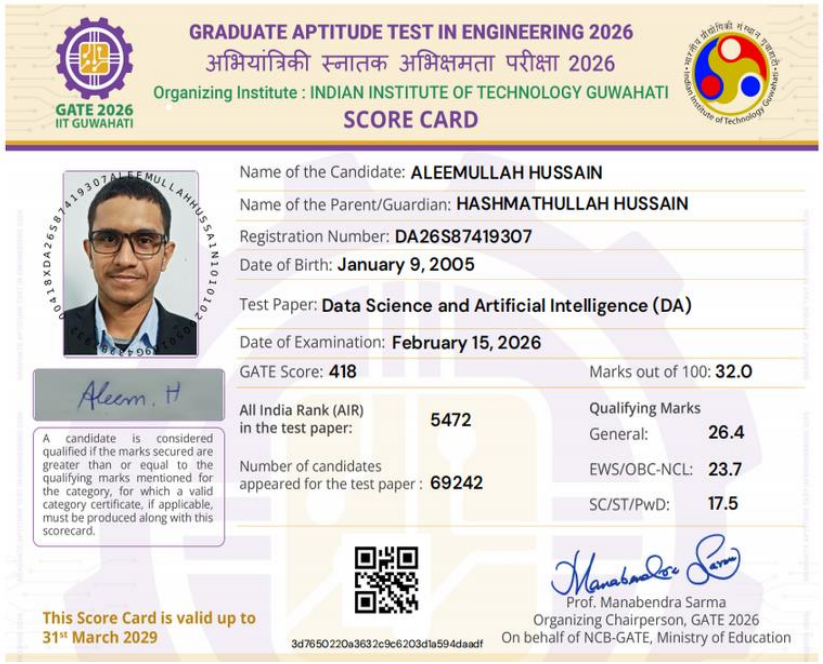
		for continuous growth and excellence within the Toastmasters community.
2.	**FDP/WORKSHOP/CONFERENCE/HACKATHON (ATTENDED /ORGANIZED)**  	*Harrick Christo J P, Jess Annet A, and Kowshika, II Year Artificial Intelligence and Data Science students of St. Joseph's College of Engineering, under the mentorshirp of Ms Kalpana secured the Runner-up position in the prestigious VelIdeaForge 24 Hours National Level Hackathon. Competing against teams from across the country, they demonstrated exceptional innovation, teamwork, and problem-solving skills during the intensive 24-hour challenge. Their remarkable achievement earned them a cash prize of ₹15,000, highlighting their technical expertise and creative thinking. This accomplishment reflects the strong academic environment and continuous support provided by the institution.* *Mohammed Thameem Sulthan M, Marcben James Samuel S, and Manoharesh S, II Year Artificial Intelligence and Data Science students of St. Joseph's College of Engineering, achieved a*



remarkable victory by securing the Winner's title in the prestigious CyberGuardians '26 National Level Hackathon. Competing against talented participants from various institutions, the team demonstrated exceptional technical expertise, innovative thinking, and strong teamwork throughout the competition. Under the guidance of Dr. Kottesswaran, the team was able to refine their approach and deliver an impactful solution within the given timeframe. Their outstanding performance earned them a cash prize of ₹5,000, recognizing their excellence in problem-solving and cybersecurity innovation. The management and faculty extend their heartfelt congratulations to the team and their mentor and wish them continued success in all their future endeavors.

Mrithula J, Naveen Kumar A, and Pavithra C, II Year Artificial Intelligence and Data Science students of St. Joseph's College of Engineering, secured the Runner-up position in the prestigious CyberGuardians '26 National Level Hackathon. Competing with participants from various institutions, the team demonstrated commendable technical skills, innovation, and effective teamwork throughout the competition. Under the mentorship of Dharanika, the students successfully developed and presented their solution within the challenging timeframe. Their achievement earned them a cash prize of ₹3,000, recognizing their dedication and problem-solving abilities.

		*Rahul Boby, Prasanth S, Priyanka D, and Ancy S K Sithany, all third-year students from the Department of Artificial Intelligence and Data Science, have secured third place in the Samhita 8-hour hackathon. This competitive event was organized by MIT, Anna University, Chennai, and the team was awarded a prize amount of Rs. 2000 for their achievement. The students reached this milestone under the guidance of their mentor, Dr. Sherly Pushpa Annabel. Their success highlights the practical application of their technical skills within a high-pressure, time-constrained environment.*

3.	**STUDENT ACHIEVEMENTS/COMPETITION ATTENDED BY STUDENTS**  GRADUATE APTITUDE TEST IN ENGINEERING 2026 अभियांत्रिकी स्नातक अभिक्षमता परीक्षा 2026 Organizing Institute : INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI GATE 2026 IIT GUWAHATI SCORE CARD Name of the Candidate: ALEEMULLAH HUSSAIN Name of the Parent/Guardian: HASHMATHULLAH HUSSAIN Registration Number: DA26S87419307 Date of Birth: January 9, 2005 Test Paper: Data Science and Artificial Intelligence (DA) Date of Examination: February 15, 2026 GATE Score: 418 Marks out of 100: 32.0 All India Rank (AIR) in the test paper: 5472 Number of candidates appeared for the test paper : 69242 Qualifying Marks General: 26.4 EWS/OBC-NCL: 23.7 SC/ST/PwD: 17.5 A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category, for which a valid category certificate, if applicable, must be produced along with this scorecard. This Score Card is valid up to 31st March 2029 3d7650220a3632c9c6203d1a594daadf Prof. Manabendra Sarma Organizing Chairperson, GATE 2026 On behalf of NCB-GATE, Ministry of Education  St. JOSEPH'S COLLEGE OF ENGINEERING You Choose, We Do It (An Autonomous Institution) OMR CHENNAI - 119 DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE Successfully Cleared GATE 2026 Congratulations! IV YEAR ADS GATE SCORE :389 AIR: 7007 SREE GAYATHRI S St. JOSEPH'S GROUP OF INSTITUTIONS CHENNAI - 119 THE CHOICE OF DISCIPLINED TOPPERS	*We are proud to announce the achievements of Aleemullah Hussain, who successfully cleared the Graduate Aptitude Test in Engineering (GATE) 2026. Demonstrating strong technical proficiency in the specialized domain of Data Science and Artificial Intelligence (DA), Aleemullah secured a commendable 32.0 marks out of 100. This performance earned him an All India Rank (AIR) of 5472 among nearly 70,000 candidates, marking a significant milestone in his academic and professional journey within the field of AI. This achievement highlights his dedication and deep understanding of the evolving landscape of modern computing. By qualifying in such a competitive, nationwide examination, he has demonstrated the analytical skills necessary for advanced research and innovation.* *The Department of Artificial Intelligence and Data Science at St. Joseph's College of Engineering proudly congratulates Sree Gayathri S, a final-year student, for her outstanding achievement in GATE 2026. She has secured an impressive GATE score of 389 and achieved an All India Rank (AIR) of 7007, reflecting her dedication, perseverance, and academic excellence. This accomplishment highlights the department's commitment to nurturing disciplined and high-achieving students. The institution continues to uphold its legacy of academic distinction,*

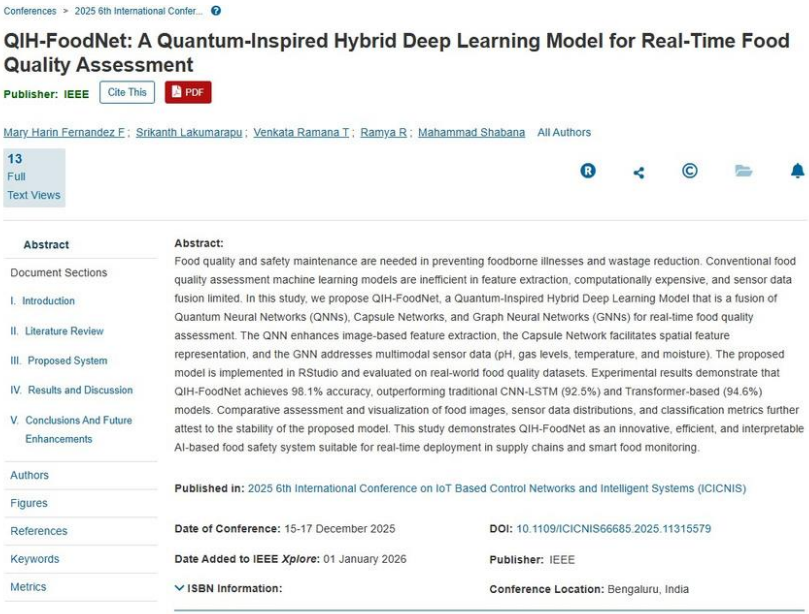
encouraging students to excel in competitive examinations and pursue higher aspirations. The management, faculty, and fellow students extend their heartfelt congratulations and wish her continued success in all her future endeavors.

Sanjai M, a third-year student from the Department of Artificial Intelligence and Data Science has secured the first-place winner's position in the event "Beyond the Wall." This competition was conducted by Jeppiaar College of Engineering, where Sanjai's performance stood out among the participants, earning him the top honors.

Mithra R.M, a third-year student of the Artificial Intelligence and Data Science department, recently showcased exceptional academic prowess at an external symposium hosted by Jeppiaar College of Engineering. Competing in the Paper Presentation category, she delivered a compelling discourse that earned her the runner-up distinction among a field of talented participants.

4.	**STAFF NPTEL CERTIFICATION/ STAFF ACHIEVEMENTS**  ICECET'26 Rome, Italy · IEEE Italy Section · 06 - 09 JULY 2026 **Certificate of Reviewing** This is to certify that **Vijayalakshmi Janakiraman** has served as a Review Committee Member for the International Conference on Electrical, Computer and Energy Technologies (ICECET 2026) and reviewed 1 (one) paper successfully. We express our gratitude for the time, expertise, and dedication shown toward ensuring high-quality conference proceedings. **Giancarlo Storti Gajani** Politecnico di Milano, Italy ICECET 2026 Conference Chair 23 March 2026 https://www.icecet.com - info@icecet.com	*Dr. Vijayalakshmi Janakiraman has served as a Review Committee Member for the International Conference on Electrical, Computer and Energy Technologies (ICECET 2026), held in Rome, Italy. She successfully reviewed one research paper, contributing her expertise and ensuring the maintenance of high-quality conference proceedings. This recognition reflects her dedication, scholarly excellence, and active involvement in the global academic and research community.*
5.	**INDUSTRIAL PROJECTS DONE BY STUDENTS**	-
6.	**JOURNAL PUBLICATIONS(ONLY PUBLISHED) DETAILS**	*Dr. L. Sherly Pushpa Annabel, Professor in the Department of Artificial Intelligence and Data Science at St. Joseph's College of Engineering, has achieved a significant academic milestone with her research paper titled "Real-Time Healthcare Data*

		Analytics across Hospitals and Pharmaceutical Networks Using Cognitive IoT" being successfully indexed in an international journal. The paper was published in the MSW Management – Multidisciplinary, Scientific Work and Management Journal (ISSN: 1053-7899), Volume 36, Issue 1 (Jan–June 2026). *The research paper titled "IoTPestNet: An Automated Model of Pest Detection and Classification by Improved Heuristic-Aided EfficientDet with Residual Network Using IoT" has been successfully indexed in the reputed journal Cybernetics and Systems in the year 2026. The paper is authored by Rajakumar M.P., whose work presents an innovative IoT-based approach for efficient pest detection and classification using advanced deep learning techniques.*
7.	**STAFF CONFERENCE PRESENTATION and PATENT PUBLISHED**	



Conferences > 2025 6th International Confer...

QIH-FoodNet: A Quantum-Inspired Hybrid Deep Learning Model for Real-Time Food Quality Assessment

Publisher: IEEE Cite This PDF

Mary Harin Fernandez F ; Srikanth Lakumarapu ; Venkata Ramana T ; Ramya R ; Mahammad Shabana All Authors

13 Full Text Views

Abstract

Document Sections

I. Introduction

II. Literature Review

III. Proposed System

IV. Results and Discussion

V. Conclusions And Future Enhancements

Authors

Figures

References

Keywords

Metrics

Abstract:

Food quality and safety maintenance are needed in preventing foodborne illnesses and wastage reduction. Conventional food quality assessment machine learning models are inefficient in feature extraction, computationally expensive, and sensor data fusion limited. In this study, we propose QIH-FoodNet, a Quantum-Inspired Hybrid Deep Learning Model that is a fusion of Quantum Neural Networks (QNNs), Capsule Networks, and Graph Neural Networks (GNNs) for real-time food quality assessment. The QNN enhances image-based feature extraction, the Capsule Network facilitates spatial feature representation, and the GNN addresses multimodal sensor data (pH, gas levels, temperature, and moisture). The proposed model is implemented in RStudio and evaluated on real-world food quality datasets. Experimental results demonstrate that QIH-FoodNet achieves 98.1% accuracy, outperforming traditional CNN-LSTM (92.5%) and Transformer-based (94.6%) models. Comparative assessment and visualization of food images, sensor data distributions, and classification metrics further attest to the stability of the proposed model. This study demonstrates QIH-FoodNet as an innovative, efficient, and interpretable AI-based food safety system suitable for real-time deployment in supply chains and smart food monitoring.

Published in: 2025 6th International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS)

Date of Conference: 15-17 December 2025

DOI: 10.1109/ICICNIS66685.2025.11315579

Date Added to IEEE *Xplore*: 01 January 2026

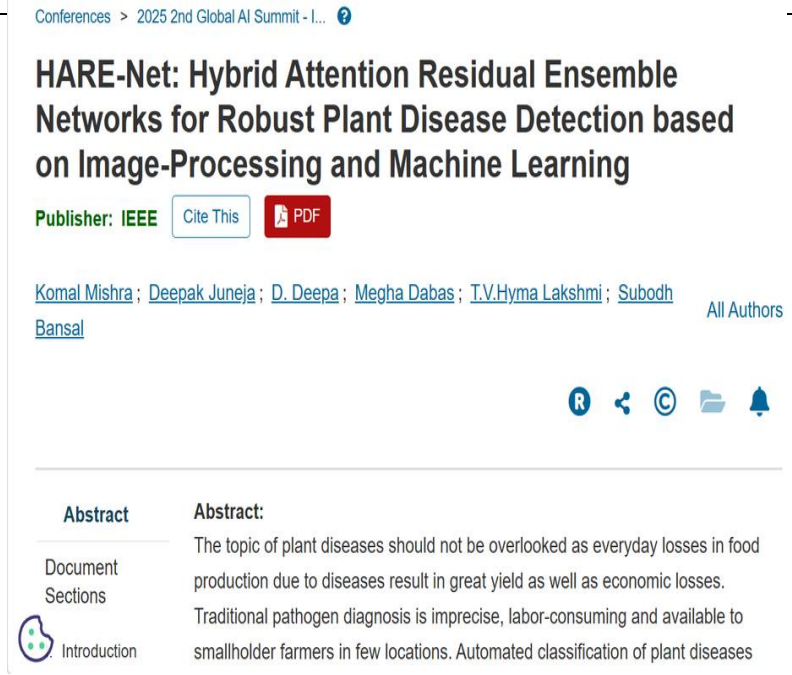
Publisher: IEEE

ISBN Information:

Conference Location: Bengaluru, India

Dr. M. P. Rajakumar co-authored a high-impact research paper titled "Classification of Breast Histology Slides into Benign/Malignant Class with Deep Learning Scheme," which was presented at the 7th International Conference on Innovative Data Communication Technologies and Application (ICIDCA 2025) and is formally indexed in the IEEE Xplore digital library.

Ramya R., along with her co-authors, has officially indexed the research paper titled "QIH-FoodNet: A Quantum-Inspired Hybrid Deep Learning Model for Real-Time Food Quality Assessment" in the IEEE Xplore digital library. Originally presented at the 2025 6th International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS) in Bengaluru, the study introduces a cutting-edge fusion of Quantum Neural Networks (QNNs), Capsule



Conferences > 2025 2nd Global AI Summit - I...

HARE-Net: Hybrid Attention Residual Ensemble Networks for Robust Plant Disease Detection based on Image-Processing and Machine Learning

Publisher: IEEE | Cite This | PDF

Komal Mishra ; Deepak Juneja ; D. Deepa ; Megha Dabas ; T.V.Hyma Lakshmi ; Subodh Bansal — All Authors

Abstract

Document Sections

Introduction

Abstract:

The topic of plant diseases should not be overlooked as everyday losses in food production due to diseases result in great yield as well as economic losses. Traditional pathogen diagnosis is imprecise, labor-consuming and available to smallholder farmers in few locations. Automated classification of plant diseases

(12) PATENT APPLICATION PUBLICATION

(54) Title of the invention : GRAPH NEURAL NETWORK -ENHANCED ROUTE OPTIMIZATION AND PUBLIC TRANSPORT SCHEDULING FOR SMART CITIES

(71)Name of Applicant :
DDR. KUSUMA SUNDARA KUMAR
Address of Applicant : Professor, Department of Civil Engineering, Raghu Engineering College, Visakhapatnam, Andhra Pradesh, India. Andhra Pradesh India
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DDR. D. SRINIVASA RAO
DSUDIN S.V
DDR. VENKATA SATYA PRAVEEN RANI
DDR. RANJIT GHUMDE
DATISH GOUR
SK. JEVA MADHESH
SM. VINITHA
DDR. MALARKODI
HSMUKESH VM
IPACHYUT ABASAHEB DESHMUKH

(72)Name of Inventor :
DDR. KUSUMA SUNDARA KUMAR
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DDR. D. SRINIVASA RAO
DSUDIN S.V
DDR. VENKATA SATYA PRAVEEN RANI
DDR. RANJIT GHUMDE
DATISH GOUR
SK. JEVA MADHESH
SM. VINITHA
DDR. MALARKODI
HSMUKESH VM
IPACHYUT ABASAHEB DESHMUKH

(57) Abstract :

The Patent Office Journal No. 05/2026 Dated 30/01/2026 13821

Networks, and Graph Neural Networks (GNNs).

D. Deepa, along with a team of researchers, has published a high-impact paper titled "HARE-Net: Hybrid Attention Residual Ensemble Networks for Robust Plant Disease Detection based on Image-Processing and Machine Learning" through IEEE. Published as part of the 2025 2nd Global AI Summit, this research introduces a sophisticated ensemble network designed to overcome the limitations of traditional pathogen diagnosis, which is often imprecise and labor-intensive.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2026

(21) Application No.202641009672 A
(43) Publication Date : 27/03/2026

(54) Title of the invention : BLOCKCHAIN-ENABLED SECURE KEY MANAGEMENT SYSTEM FOR DISTRIBUTED NETWORKS

(51) International classification
:H04L 9/08, H04L 9/32, H04L 9/06, H04L 29/06, H04L 9/30

(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :Associate Professor Department of Computer Science and Engineering Thangavelu Engineering College OMR, Karapakkam, Chennai - 600097 Tamil Nadu India
2)Dr. Rajiv Kumar Nath
3)Deepa D
4)Lavanya J
5)Shobhanjaly P Nair
6)Uma P
(72)Name of Inventor :
1)D. Beulah Pretty
2)Dr. Rajiv Kumar Nath
3)Deepa D
4)Lavanya J
5)Shobhanjaly P Nair
6)Uma P

(57) Abstract :
A blockchain enabled secure key management system for distributed networks is disclosed. The_ system leverages a decentralized blockchain network and smart contracts to manage cryptographic keys securely without relying on centralized authorities. Cryptographic keys are stored off-chain in encrypted form, while key metadata, access policies, and lifecycle events are immutably recorded on the blockchain. The system enables secure key generation, distribution, automated rotation, real-time revocation, and tamper-proof auditing across multiple network nodes. By combining blockchain immutability with secure off-chain storage, the invention provides enhanced security, transparency, scalability, and resilience for distributed computing environments, including cloud platforms, IoT systems, edge networks, and decentralized applications.
No. of Pages : 12 No. of Claims : 7

The Patent Office Journal No. 13/2026 Dated 27/03/2026 3543

Mr Sugin from St. Joseph's College of Engineering published a patent titled "Graph Neural Network-Enhanced Route Optimization and Public Transport Scheduling for Smart Cities," which focuses on improving route planning and scheduling in public transportation systems. The invention proposes the use of Graph Neural Network (GNN)–based frameworks to optimize routes by considering real-time traffic conditions, passenger demand, and operational constraints.

Deepa D from Department of ADS, St. Joseph's College of Engineering has successfully published a patent titled "Blockchain-Enabled Secure Key Management System for Distributed Networks", as featured in the Indian Patent Office Journal (Application No. 202641009672 A, published on 27/03/2026).

DEPARTMENT OF ARTIFICAL INTELLIGENCE AND MACHINE LEARNING

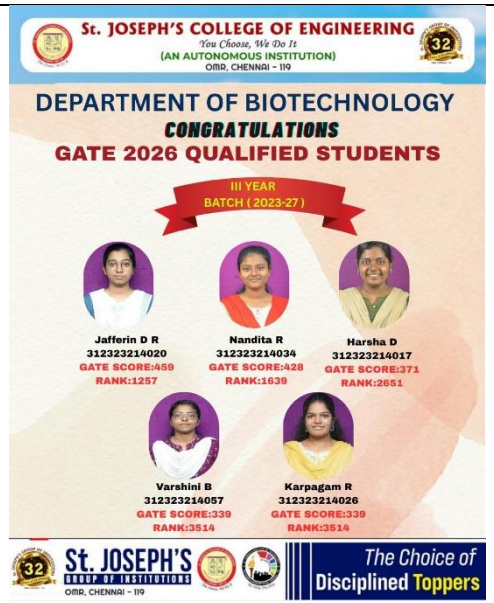
Sl. No.	Photographs Captured During Event	Corresponding remarks in regarding the status of activity execution
1.	**Dr. Adlin Sheeba** **Session Chair** 	**Title of the Event** : 11th International Conference ICON'26 on Phygital Systems: Where Physical Meets Digital Intelligence.
2.	**Ms. Adlin Layola J A** **Reviewer** 	**Title of the Event :** 3rd International Conference on Advances in Artificial Intelligence & Machine Learning in Big Data Processing
	Ms. Quba Jalin	

3.	**International Conference**  "INTERNATIONAL CONFERENCE ON NEXT-GENERATION ADAPTIVE RESEARCH AND INNOVATIONS" Certificate of Authorship	**Title of the Paper :** Fundus Image and Clinical Metadata Fusion for Enhanced Diabetic Retinopathy Severity Prediction
4.	**Ms. Deepa R** **Resource Person** **in Webinar** 	**Title of the Event:** IPR for Engineers: Filing, Protection and Commercialization
5.	**Ms. Kiruba Wesley** **Published Patent**  (http://ipindia.nic.in/index.htm)	**Title of Innovation :** Machine Learning and Blockchain-Enabled Predictive Decision Support System for Intelligent Spectrum Management, Secure Healthcare Imaging, Enterprise Risk Assessment and Electrical Energy Forecasting.

6.	**Ms. Poornima M** **Published Patent** 	**Title of Innovation :** System and Method for Early Cancer Detection Using IoT-Based Environmental Pollution Analytics.
7.	**Ms. Quba Jaslin** **Published Patent** 	**Title of Innovation :** Intelligent Security Solutions using Machine Learning and Artificial Intelligence.
8.	**Ms. Quba Jaslin** **Published Patent** 	**Title of Innovation :** An Automated Environmental Monitoring and Weather Forecasting Apparatus using Internet of Things Technology.

DEPARTMENT OF BIOTECHNOLOGY

S.No.	Title of the Events and Photographs	Details of the Event
1.	**STUDENT ACHIEVEMENTS**  ***A copy of proof***	Final year student (Batch 2022-2026) has cleared the GATE 2026 Examination with a score of 50 and All India Rank of 549. Our Third-year students (Batch 2023-2027), Jafferein D R, Nandita R, Harsha D, Varshini B and Karpagam R have cleared the GATE 2026 examination.

		 ***A copy of proof***	Our final-year student (Batch 2022-2026), students Harini K, Kalkieshwari V, Yaamini B, Yazhini A won 3rd place in the poster presentation with the cash prize of Rs. 1000 in BIOCIENCIA 2026, held at SIMATS Engineering College on 14th of March 2026.


SIMATS ENGINEERING

Approved By AICTE | IET-UK Accreditation

CERTIFICATE OF MERIT

This certificate is presented to

Mr / Ms. HARINI. K of ST. JOSEPH'S COLLEGE OF ENGINEERING has won (FIRST / SECOND / THIRD) place in the Technical Events (Oral Presentation / Poster Presentation / Biomodelling) and in the Non Technical Events (Dance Dominion / Vocals / Find the BGM / Guess the lyrics / Escape room / Adzap / Treasure hunt / Hold on to the paper / Short film / Connections / Ramp walk / Illogical Marketing) organized during "BIOCIENCIA 2026" - 3rd National Level Conference and Technical Symposium Organized by Department of Medical Biotechnology, SIMATS Engineering, Saveetha Institute of Medical and Technical Sciences, Thandalam, Chennai-602105 on 13-14th March, 2026.

Dr. I. Praveen Kumar Convener | Dr. S. Moogambigai Co-Convener | Dr. B. Ramesh Principal


SIMATS ENGINEERING

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CERTIFICATE OF MERIT

This certificate is presented to

Mr / Ms. YABMINI. B of ST. JOSEPH'S COLLEGE OF ENGINEERING has won (FIRST / SECOND / THIRD) place in the Technical Events (Oral Presentation / Poster Presentation / Biomodelling) and in the Non Technical Events (Dance Dominion / Vocals / Find the BGM / Guess the lyrics / Escape room / Adzap / Treasure hunt / Hold on to the paper / Short film / Connections / Ramp walk / Illogical Marketing) organized during "BIOCIENCIA 2026" - 3rd National Level Conference and Technical Symposium Organized by Department of Medical Biotechnology, SIMATS Engineering, Saveetha Institute of Medical and Technical Sciences, Thandalam, Chennai-602105 on 13-14th March, 2026.

Dr. I. Praveen Kumar Convener | Dr. S. Moogambigai Co-Convener | Dr. B. Ramesh Principal


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CERTIFICATE OF MERIT

This certificate is presented to

Mr / Ms. YAZHINI. A of ST. JOSEPH'S COLLEGE OF ENGINEERING has won (FIRST / SECOND / THIRD) place in the Technical Events (Oral Presentation / Poster Presentation / Biomodelling) and in the Non Technical Events (Dance Dominion / Vocals / Find the BGM / Guess the lyrics / Escape room / Adzap / Treasure hunt / Hold on to the paper / Short film / Connections / Ramp walk / Illogical Marketing) organized during "BIOCIENCIA 2026" - 3rd National Level Conference and Technical Symposium Organized by Department of Medical Biotechnology, SIMATS Engineering, Saveetha Institute of Medical and Technical Sciences, Thandalam, Chennai-602105 on 13-14th March, 2026.

Dr. I. Praveen Kumar Convener | Dr. S. Moogambigai Co-Convener | Dr. B. Ramesh Principal


SIMATS ENGINEERING

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CERTIFICATE OF MERIT

This certificate is presented to

Mr / Ms. KALKIESHWARI. V of ST. JOSEPH'S COLLEGE OF ENGINEERING has won (FIRST / SECOND / THIRD) place in the Technical Events (Oral Presentation / Poster Presentation / Biomodelling) and in the Non Technical Events (Dance Dominion / Vocals / Find the BGM / Guess the lyrics / Escape room / Adzap / Treasure hunt / Hold on to the paper / Short film / Connections / Ramp walk / Illogical Marketing) organized during "BIOCIENCIA 2026" - 3rd National Level Conference and Technical Symposium Organized by Department of Medical Biotechnology, SIMATS Engineering, Saveetha Institute of Medical and Technical Sciences, Thandalam, Chennai-602105 on 13-14th March, 2026.

Dr. I. Praveen Kumar Convener | Dr. S. Moogambigai Co-Convener | Dr. B. Ramesh Principal

A copy of proof

Our third-year students (Batch 2023-2027), Kavindra L, Moushiga S.M and Sushmithaa S has won 3rd place (Cash Prize Rs. 2000) in the paper presentation in a National Level Conference, held at Sree Sastha Engineering and Technology on 4th of March 2026.

Our third-year students (Batch 2023-2027), Abirami S, Harisudan S, Kabilan D and Sivaprakash S has won 1st place (Cash Prize Rs. 2000) in the paper presentation in a National Level conference on Integrating Science, Technology and Society for Sustainable Agriculture, held at Karpaga Vinayaga College of Engineering and Technology on 27th of March 2026.

		 ***A copy of proof***	Our third-year students (Batch 2023-2027), Vansi Jerolee A and Varshini B has won 2nd place (Cash Prize Rs. 750) in the paper presentation, ESCAPE'26, held at Jeppiaar Engineering College on 4th of March 2026.

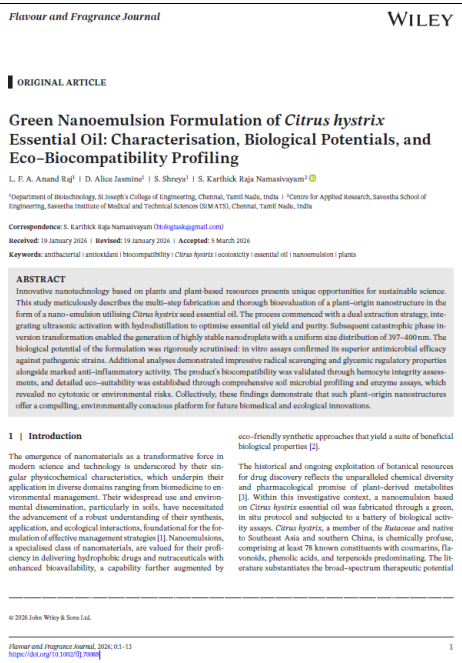
	 KVCET | KARPAGA VINAYAGA KARPAGA VINAYAGA COLLEGE OF ENGINEERING AND TECHNOLOGY GST ROAD , CHINNA KOLAMBAKKAM - 603 308, CHENGALPATTU (DT) DEPARTMENT OF BIOTECHNOLOGY CERTIFICATE This is to certify that Dr. / Mr. / Ms. S. Abirami . III Year (2nd place) of St. Joseph College of engineering has presented/participated in the "National Conference on Integrating Science, Technology and Society for Sustainable Agriculture" organized by the Department of Biotechnology, Karpaga Vinayaga College of Engineering and Technology on 27th March, 2026. Dr. Abitha Benson, Organizing Secretary Dr. V. Karthikeyan, Convenor Dr. P. Kasinatha Pandian, Principal Dr. Meenakshi Annamalai, Director ***A copy of proof***	Our second year students (Batch 2024-2028), Keerthi Shri S has won 1st place (Cash Prize Rs. 1000) in the Ideathon, ESCAPE'26, held at Jeppiaar Engineering College on 4th of March 2026. Our second year student (Batch 2024-2028),Akshaya S has won 1st place (Cash Prize Rs. 2000) in the Concept 2 cure, TEXUS'26, held at SRM Institute of Science and Technology, Ramapuram, Chennai.

	 ***A copy of proof***	

	 ***A copy of proof***	

	 ***A copy of proof***	
2.	**INTERNATIONAL CONFERENCE ORGANIZED BY FACULTY** 	Our department has organized a 3rd International Conference on Frontiers in Biotechnology (ICFIBT2026) during March 29-30, 2026 with eminent speakers from different countries. A total of 4 plenary lectures and 36 invited talks were delivered to the students.

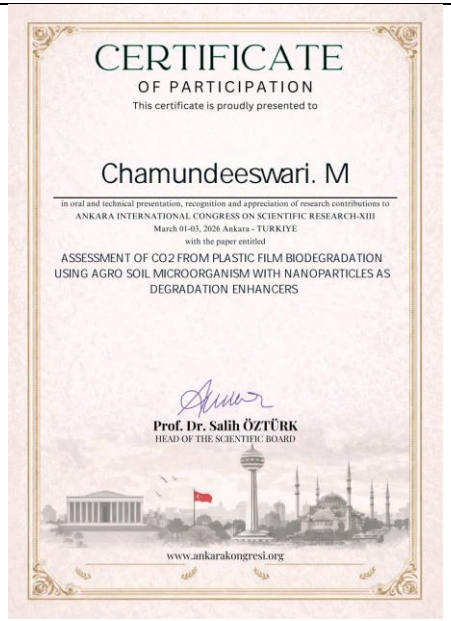
	 ***A copy of proof***	
3.	**STAFF PAPER PUBLICATION**	Dr. L. F. A. Anand Raj has published a paper titled "Green nano emulsion formulation of Citrus hystrix essential oil: characterization, biological potentials and eco-biocompatibility profiling" in the Flavour and Fragrance Journal.

	 *Flavour and Fragrance Journal* WILEY ORIGINAL ARTICLE **Green Nanoemulsion Formulation of *Citrus hystrix* Essential Oil: Characterisation, Biological Potentials, and Eco–Biocompatibility Profiling** L. F. A. Anand Raj[1] | D. Alice Jasmine[2] | S. Shreya[1] | S. Karthick Raja Namasivayam[1] [1]Department of Biotechnology, St Joseph's College of Engineering, Chennai, Tamil Nadu, India | [2]Centre for Applied Research, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences (SIMATS), Chennai, Tamil Nadu, India **Correspondence:** S. Karthick Raja Namasivayam (biologiask@gmail.com) **Received:** 19 January 2026 | **Revised:** 19 January 2026 | **Accepted:** 5 March 2026 **Keywords:** antibacterial | antioxidant | biocompatibility | *Citrus hystrix* | ecotoxicity | essential oil | nanoemulsion | plants **ABSTRACT** Innovative nanotechnology based on plants and plant-based resources presents unique opportunities for sustainable science. This study meticulously describes the multi–step fabrication and thorough bioevaluation of a plant–origin nanostructure in the form of a nano–emulsion utilising *Citrus hystrix* seed essential oil. The process commenced with a dual extraction strategy, integrating ultrasonic activation with hydrodistillation to optimise essential oil yield and purity. Subsequent catastrophic phase inversion transformation enabled the generation of highly stable nanodroplets with a uniform size distribution of 397–400 nm. The biological potential of the formulation was rigorously scrutinised: in vitro assays confirmed its superior antimicrobial efficacy against pathogenic strains. Additional analyses demonstrated impressive radical scavenging and glycemic regulatory properties alongside marked anti–inflammatory activity. The product's biocompatibility was validated through hemocyte integrity assessments, and detailed eco–suitability was established through comprehensive soil microbial profiling and enzyme assays, which revealed no cytotoxic or environmental risks. Collectively, these findings demonstrate that such plant–origin nanostructures offer a compelling, environmentally conscious platform for future biomedical and ecological innovations. **1 | Introduction** The emergence of nanomaterials as a transformative force in modern science and technology is underscored by their singular physicochemical characteristics, which underpin their application in diverse domains ranging from biomedicine to environmental management. Their widespread use and environmental dissemination, particularly in soils, have necessitated the advancement of a robust understanding of their synthesis, application, and ecological interactions, foundational for the formulation of effective management strategies [1]. Nanoemulsions, a specialised class of nanomaterials, are valued for their proficiency in delivering hydrophobic drugs and nutraceuticals with enhanced bioavailability, a capability further augmented by eco–friendly synthetic approaches that yield a suite of beneficial biological properties [2]. The historical and ongoing exploitation of botanical resources for drug discovery reflects the unparalleled chemical diversity and pharmacological promise of plant–derived metabolites [3]. Within this investigative context, a nanoemulsion based on *Citrus hystrix* essential oil was fabricated through a green, in situ protocol and subjected to a battery of biological activity assays. *Citrus hystrix*, a member of the *Rutaceae* and native to Southeast Asia and southern China, is chemically profuse, comprising at least 78 known constituents with coumarins, flavonoids, phenolic acids, and terpenoids predominating. The literature substantiates the broad–spectrum therapeutic potential © 2026 John Wiley & Sons Ltd. *Flavour and Fragrance Journal*, 2026; 0:1–13 1 https://doi.org/10.1002/ffj.70088 ***A copy of proof***	
4.	**PATENT PUBLICATION**	Dr. L. F. A. Anand Raj, Dr. B. Sangeetha and Third year students of Biotechnology have published a patent titled "Development of sustainable Bio-hybrid electrolyte based on soy lechthin choline chloride "

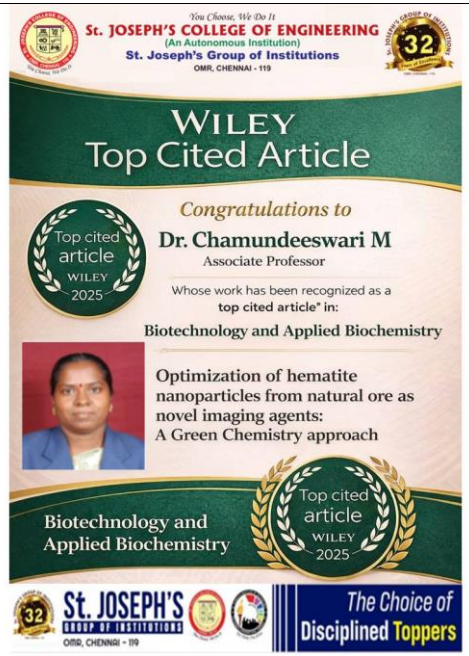
	(12) PATENT APPLICATION PUBLICATION (19) INDIA (22) Date of filing of Application :05/03/2026 (21) Application No.202641025836 A (43) Publication Date : 20/03/2026 (54) Title of the invention : DEVELOPMENT OF SUSTAINABLE BIO-HYBRID ELECTROLYTE BASED ON SOY LECITHIN DERIVED CHOLINE CHLORIDE (51) International classification :H01M 10/0568, H01M 10/0569, H01M 10/0567, H01M 10/0525, H01M 10/0565 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No : Filing Date :01/01/1900 (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA (71)**Name of Applicant :** **1)L F A Anand Raj** Address of Applicant :Matira 1006, PBEL City, OMR, Tamil Nadu India **2)B. Sangeetha** **3)Madeehah** **4)Anjanha R** **5)Poshikal B T** **6)Aloysius Rancy A** (72)**Name of Inventor :** **1)L F A Anand Raj** **2)B. Sangeetha** **3)Madeehah** **4)Anjanha R** **5)Poshikal B T** **6)Aloysius Rancy A** (57) Abstract : With the increased demand for renewable energy systems there is a need for energy storage with high performance, environmentally safe, and sustainable devices. As lithium-ion batteries do not biodegrade and contain toxic, flammable electrolytes (e.g., lithium hexafluorophosphate dissolved in carbonates) this presents serious concerns regarding environmental impact and safety. The Eco-Ion Project provides a novel Eco-Ion Device that utilizes a biodegradable hybrid electrolyte produced from Deep Eutectic Solvents (DES) created from renewable resources. The DES consists of mixed choline chloride from soy lecithin and glycerol a by-product of the production of biodiesel at certain temperatures to form a low-toxicity biodegradable electrolyte with the potential for stability when mixed with lithium salts including $LiBF_4$, LiTFSI or $LiClO_4$, while also maintaining excellent electrochemical performance and significant environmental benefits as these materials are inexpensive, non-flammable, and safe for use in both lithium-ion batteries and supercapacitors. This new biodegradable electrolyte has many potential applications including power generation systems that utilize ionic conductivity for energy storage, flame resistant power systems, and bio-disinfection systems for treating drinking water, waste water, and sterilizing surgical equipment. In alignment with and developing through the principles of Green Chemistry and Sustainable Engineering, the Eco-Ion Project represents an ideal scalable, environmentally safe alternative to traditional electrolytic materials used for renewable energy and healthcare applications. No. of Pages : 10 No. of Claims : 7 ***A copy of proof***	
5.	**INVITED TALK**  AMITY UNIVERSITY UTTAR PRADESH Anusandhan National Research Foundation **International Conference on Sustainable Biotechnology and Bio-innovations (SBB-2026)** *in association with* *The Biotech Research Society, India (BRSI)* *International Bioprocessing Association (IBA-IFIBiop) &* *Centre for Energy, Environment and Sustainability (CEES)* **CERTIFICATE** This is to certify that **Dr. Baskar Gurunathan** St. Joseph's College of Engineering, India has delivered an **INVITED LECTURE** Titled *"Madhuca indica: Exploring its Potential as an Industrial Crop for Diverse Applications"* at the International Conference on Sustainable Biotechnology and Bio-Innovations (SBB-2026), held from 25th to 27th February 2026, organized by the Amity Institute of Biotechnology, Amity University, Uttar Pradesh, Noida. Prof. Sunghoon Park, Chair Professor, Ulsan-NIIST, Ulsan, South Korea, International Conference Chair Prof. (Dr.) Rachana Singh, Chairperson, SBB 2026 Dr. Vivek Kumar Gaur, Convenor, SBB 2026 Prof. (Dr.) Pooja Vijayaraghavan, Chairperson, SBB 2026	Dr. G. Baskar from the Department of Biotechnology has delivered an Invited Lecture in International Conference on Sustainable Biotechnology and Bio-Innovations (SBB-2026), held from 25th to 27th February 2026, organized by the Amity Institute of Biotechnology, Amity University, Uttar Pradesh, Noida. Dr. G. Baskar from the Department of Biotechnology has delivered an Invited Lecture in National Conference on Biotechnology and Circular Bio-Economy:Engineering

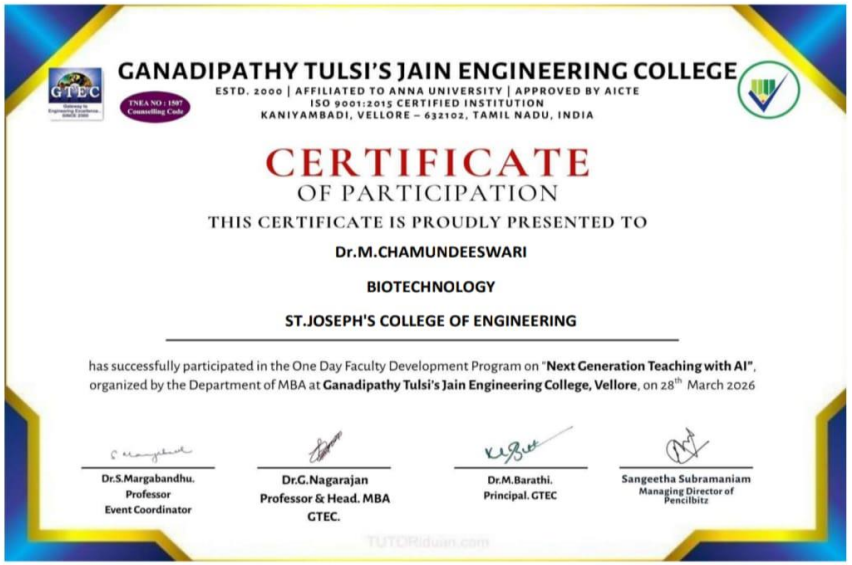
	A copy of proof  *A copy of proof*	Solutions for Global Sustainability (HAPTEN2026) & Popular Lectures in Biotechnology (Sponsored by DBT, Govt. of India) on 12.03.2026, Organized by Department of Biotechnology, Arunai Engineering, College, Tiruvannamalai. Dr. G. Baskar from the Department of Biotechnology has presented a Guest Lecture in STTP on “Current Trends & ML applications in Green Nanomedicine Development and its Sustainable goal in future” on 18/03/26, organized by the Department of Biotechnology, Sri Venkateswara College of Engineering, Chennai. Dr. G. Baskar from the Department of Biotechnology has participated as Guest in the inauguration of Biotech Research Society, India (BRSI) Unit and launching of BRSI–SVCE Institutional Membership on 11 March 2026 at the Department of Biotechnology, Sri Venkateswara College of Engineering, Sriperumpudur.

	 ***A copy of proof***	Dr. M. Chamundeeswari from the Department of Biotechnology has delivered an Invited Lecture on "Advances in the nanoworld and their practical implications in biomedicine" held at Saveetha Dental College, on 10th of March 2026.
6.	**INTERNATIONAL CONFERENCE PRESENTATION**	Dr. M. Chamundeeswari from the Department of Biotechnology has presented an oral presentation in "Ankara International Congress on Scientific Research" on March 1-3, 2026.

	 CERTIFICATE OF PARTICIPATION This certificate is proudly presented to Chamundeeswari. M in oral and technical presentation, recognition and appreciation of research contributions to ANKARA INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH-XIII March 01-03, 2026 Ankara - TURKIYE with the paper entitled ASSESSMENT OF CO2 FROM PLASTIC FILM BIODEGRADATION USING AGRO SOIL MICROORGANISM WITH NANOPARTICLES AS DEGRADATION ENHANCERS Prof. Dr. Salih ÖZTÜRK HEAD OF THE SCIENTIFIC BOARD www.ankarakongresi.org ***A copy of proof***	Dr. M. Chamundeeswari from the Department of Biotechnology has presented her research topic entitled "Green Fabricated Iron Nanoparticle Assisted Biodegradation of disposable facemask" held at Bannari Amman College of Engineering, Erode on 20th March 2026.

	 ***A copy of proof***	
7.	**CERTIFICATE OF RECOGNITION**	Dr. M. Chamundeeswari from the Department of Biotechnology has got her work recognized as top cited article in Wiley for the article entitled " Optimization of hematite nanoparticles from natural ore as novel imaging agents: A green chemistry approach".

	 ***A copy of proof***	
8.	**FDP ATTENDED BY FACULTY**	Dr. M. Chamundeeswari from the Department of Biotechnology has participated in a one day FDP on "Next generation teaching with AI" held at Ganadipathy Tulasi's Jain Engineering College, Vellore on 28th March 2026.



GANADIPATHY TULSI'S JAIN ENGINEERING COLLEGE

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ISO 9001:2015 CERTIFIED INSTITUTION
KANIYAMBADI, VELLORE – 632102, TAMIL NADU, INDIA

CERTIFICATE
OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Dr.M.CHAMUNDEESWARI

BIOTECHNOLOGY

ST.JOSEPH'S COLLEGE OF ENGINEERING

has successfully participated in the One Day Faculty Development Program on "**Next Generation Teaching with AI**", organized by the Department of MBA at **Ganadipathy Tulsi's Jain Engineering College, Vellore**, on 28th March 2026

Dr.S.Margabandhu.
Professor
Event Coordinator

Dr.G.Nagarajan
Professor & Head. MBA
GTEC.

Dr.M.Barathi.
Principal. GTEC

Sangeetha Subramaniam
Managing Director of
Pencilbitz

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DEPARTMENT OF CHEMICAL ENGINEERING

S.No.	Title of the Events and Photographs	Details of the Event
9.	**JAL SHAKTHI HACKATHON (NATIONAL LEVEL)**	**Departments of Chemical Engineering and Computer Science & Engineering** have achieved ***national recognition at the prestigious Jal Shakthi Hackathon 2025***. Demonstrating innovation, interdisciplinary collaboration, and technical excellence, the team emerged victorious, securing a ***cash prize of ₹1 Lakh*** on a national platform. This remarkable achievement was accomplished under the esteemed guidance of ***Dr. S. Vinod Kumar, Associate Professor***, Department of Chemical Engineering, whose mentorship played a pivotal role in shaping the team's problem-solving approach and innovative solution development. 
10.	**CHEMOVATE 2.0 (DEPARTMENT HACKATHON)**	The Department of Chemical Engineering successfully organized ***CHEMOVATE 2.0 – Hardware Edition,*** a dynamic 24-hour national-level hackathon held on **March 26 & 27**, bringing together bright minds from across the country. Conducted in association with Indian Institute of Chemical Engineers and Institution of Engineers (India), the event served as a vibrant platform for students to showcase innovation, problem-solving skills, and technical excellence. The hackathon witnessed an overwhelming response, with ***300+ teams*** registering from 35 colleges, reflecting the growing enthusiasm for interdisciplinary innovation in chemical engineering and allied domains. After a rigorous

		evaluation process, 50+ teams were shortlisted, comprising a total of 340 participants, who competed intensively during the final ***24-hour challenge.***  
11.	**SCHOOL VISIT**	**Ms. R. Lavanya, Assistant Professor**, Department of Chemical Engineering, actively engaged in an outreach initiative by visiting various schools to promote the Summer Internship Program for school students. The objective of this visit was to create awareness about chemical engineering concepts and provide early exposure to practical learning opportunities. During the visit, interactions were held with school authorities and students to highlight.

		
12.	**STUDENT ACHIEVEMENT**	The students of **the Department of Chemical and Mechanical Engineering** have once again brought pride to the institution by emerging as winners in the prestigious **MECHATHON '2K26.** The winning team comprising ***Monish Deva R, Jaswanth K, Akshaya S, Roshini Priya V, and Siva Durga M***, representing II and III year students, showcased exceptional technical skills, creativity, and teamwork throughout the competition. Their innovative approach and practical problem-solving abilities helped them stand out among strong competitors. The event witnessed enthusiastic participation from multiple teams, making the victory even more commendable. The winners were awarded a cash prize **of Rs. 1,500/-** in recognition of their outstanding performance.

Students ***Adlin Jose, Shyam Krithik, and Wasella*** of II Year Chemical Engineering have brought laurels to the department by securing the ***Best Paper Award*** at the 4th **International Conference on Clean Technologies for Sustainable Environment (CTSE-2026)**, held at ***Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam.***

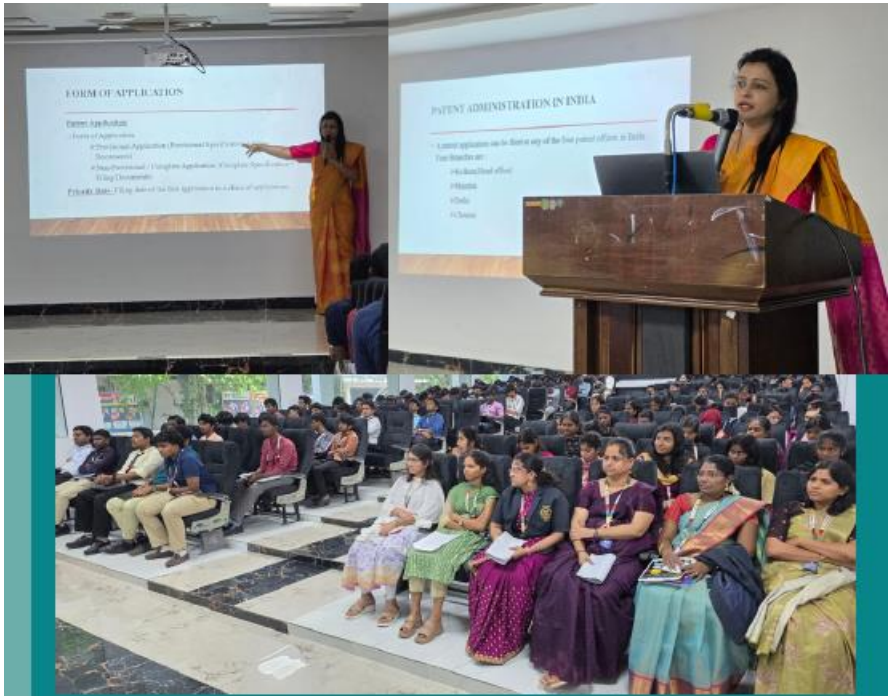
Dr. S. Vinod Kumar, Associate Professor, Department of Chemical Engineering, whose mentorship played a vital role in shaping the research.

		Students from the Department of Chemical Engineering have once again demonstrated their excellence by securing prizes at Portal of Innovations ***– Literix 1.0, organized by Sri Sairam Engineering College***. ***Mr. Sharan Deepak N., Mr. Rishwanth Y., Mr. Shree Ram A., and Mr. Vengatraman S.K.*** were awarded the Third Prize in the competition.   

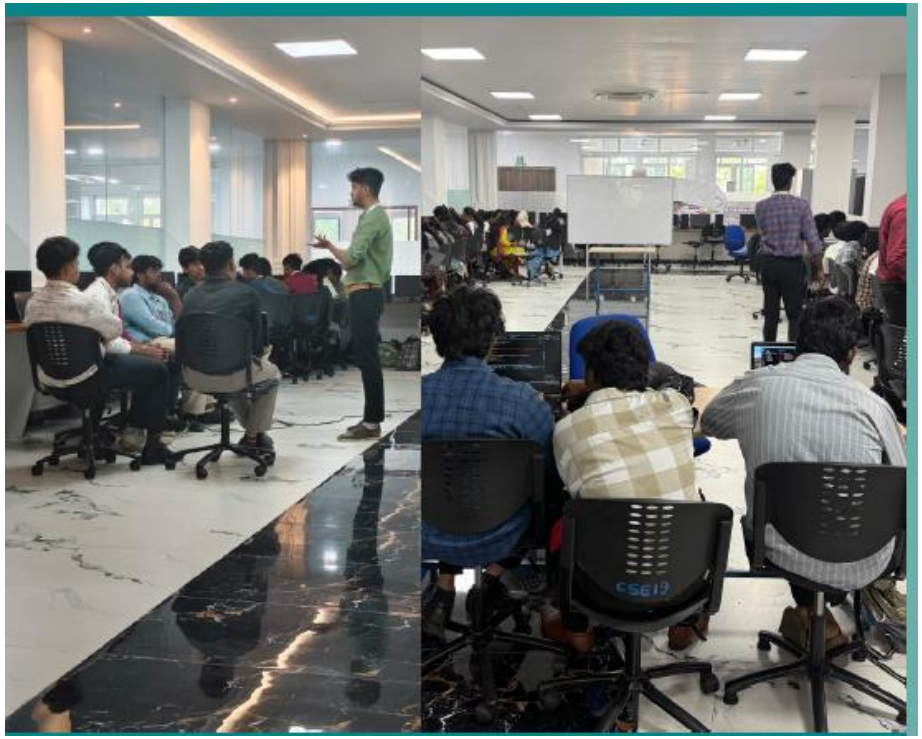
13.	**STUDENT SPORT (COLLEGE SPORT)**	**Mr. Susindharan of III Year** showcased his speed and endurance by securing Second Place in the **400 meters race**, demonstrating remarkable consistency and determination. Further strengthening the department's achievements, the Boys **4×400 meters relay team**, comprising **Susindharan, Prakadhesh, Shalesh Priyan, and Balasubramanian (all from III Year**), clinched Second Place, exhibiting excellent coordination and team spirit.   **Ms. Varsha Mahi of III Year** emerged as a standout performer by securing First Place in both Shot Put and Discus Throw, highlighting her exceptional strength and technique. Adding to the department's accolades, **Ms. Pungulali** also delivered an impressive performance by securing Second P lace in Discus Throw. 

14.	**STAFF ACTIVITY**	**Dr. V. Renuka, Professor**, has successfully published a patent titled ***"A System and Method for Enhancing LSRW Skills through English Language Instruction"*** in the Indian Patent Office Journal (13 March 2026). **Mr. P. Anand Kumar, Assistant Professor**, has achieved a notable milestone with the publication of a patent titled ***"Smart Water Distribution and Leak Detection Network for Sustainable Infrastructure Development."*** **Dr. N. Magesh, Assistant Professor**, has published ***two patent applications*** with Intellectual Property India. The patents focus on an ***AI-based structural health monitoring system and a quantum-inspired computational engine***. Both were filed on February 15, 2026, and published on March 27, 2026, and are currently under examination.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Sl. No.	Event with Photo	Description
1	**CSI-GUESTLECTURE**	**Date** : 3.3.2026 **Venue** : **Conference Hall** **Nature of Event** : GUEST LECTURE Participants : II & III Year students Objective : • **To** bridge the gap between classroom learning and real-world industry practices through alumni experience sharing. • **To** guide students on career pathways, job roles, required skills, and higher studies opportunities. • **To** motivate and prepare students for employability through insights on trends, tools, internships, and interviews. • Outcome : • **Improved student awareness** of current industry practices, tools, and expectations related to the topic. • **Clear career direction** gained by students on job roles, skills to develop, certifications/higher studies, and placement preparation. • **Enhanced motivation and engagement**, with better readiness for internships, interviews, and professional communication.
		

2	Workshop	**Description**



Date : **20** .3.2026 to 23.3.26
Venue : Conference Hall
Nature of Event : Front web development using React js
Participants : II & III Year students

Objective :

- **To** expose students to current industry trends, tools, and real-time practices through expert sessions.
- **To** bridge the gap between curriculum and industry expectations by mapping required skills and job roles.
- **To** enhance employability by providing guidance on internships, projects, certifications, and interview readiness.

Outcome :

- **Better understanding of industry expectations** (latest trends, tools, and workplace practices) relevant to the subject.
- **Improved skill readiness** through clarity on required competencies, job roles, and project/internship directions.
- **Enhanced employability preparation** with actionable inputs for certifications, resume building, and interview preparation.

3	workshop	**Description**
		**Date** : 17.3.2026 & 18.3.2026 **Venue** : Conference Hall **Nature of Event** : AI developer's toolkit: hands on machine learning for modern engineers **Participants** : II & III Year students **Objective :** • To move beyond theory by providing hands-on practice and the application of knowledge in a real-world context. • To master a specific tool, technique, or "soft skill" (like leadership or coding) that isn't deeply covered in a standard curriculum. • To build professional networks and teamwork skills by solving challenges alongside peers and industry experts. **Outcome :** • Students leave knowing how to actually perform a task, not just the theory behind it. They gain the **confidence** to use a tool or technique on their own. • Students finish with a **result**—like a finished drawing, a working piece of code, or a solid plan—that they can show off or put in a portfolio. • Students walk away with **new friends or mentors** who share their interests, making them feel like part of a professional community.

4	Pre Placement Talk - Asmitha M	**Description**
		**Date** : 4.03.2025 **Venue** : **online** **Nature of Event** : Pre Placement Talk Participants : IV Year students Objective : • To provide students with a comprehensive overview of a company, its culture, and its recruitment process, allowing them to make informed decisions about potential career paths. • It also helps companies introduce themselves to a pool of potential candidates and build a positive image. Outcome : • Pre placement talks create opportunities for attendees to connect with alumni who may serve as valuable mentors, advisors, or contacts in their desired field. • Building relationships with alumni can lead to internships, job opportunities, and professional connections that can benefit attendees throughout their careers.

DEPARTMENT OF MECHANICAL ENGINEERING

Sl No	Name of the Activity	Remarks
1		**International Conference:** On 16th and 17th March 2026, the Department of Mechanical and Mechatronics Engineering successfully organized the 3rd International Conference on Advances in Mechanical & Mechatronics Engineering 2026 (ICAMME ’26). The conference was inaugurated by two eminent personalities, Dr. Shankar Venugopal, Vice President – Technology Innovation & Intellectual Property at Mahindra & Mahindra, Chennai, and Dr. G. L. Samuel, Professor, Department of Mechanical Engineering, IIT Madras, Chennai.

		
2		➢ our BAJA team, Aurelian Racing and Inferno Racing Participated in ATVC event organized by Monark University, Ahmedabad from 27thMarch 2026 to 31st MArch 2026. The event Has 5 Static Events and 4 Dynamic Events for Hydrogen, Electric vehicle category. The glimpses of the events

		
3	**Faculty Achievements**	➢ Mr. G. Ashwin Prabhu, Assistant Professor from the Department of Mechanical Engineering has Published a paper entitled "Influence of Aerosil-200 Nanofiller on the Flexural and Compressive Behavior of Glass Fiber Reinforced Epoxy Composites", Scopus Indexed EPJ Web of Conferences held at 4th International Conference on Sustainable Technologies and Advances in Automation, Aerospace and Robotics(STAAAR 2025) by VIT Bhopal on 3rd March 2026 . ➢ Mr.N.Sathishkumar, Assistant Professor, Department of Mechanical Engineering, published a Journal article titled “Influence of D-gun coating on the thermomechanical, corrosion, and metallurgical behaviour of 1.2709 tool steel fabricated by the LPBF technique” in “Surface Engineering” Journal. (Q1, SCIE & Scopus indexed, Anna University Annexure I Journal with Impact Factor 2.6). ➢ Mr. K. Gnanasekaran, Mr. G. Ashwin Prabhu & Mr. D. Sakthivel,

		AssistantProfessor from the Department of Mechanical Engineering has Published a paper entitled "Investigation of microstructural and mechanical behavior on cryogenically treated Aluminium 7075 alloy",Scopus Indexed EPJ Web of Conferences held at 4th International Conference on Sustainable Technologies and Advances in Automation,Aerospace and Robotics (STAAAR 2025) by VIT Bhopal on 3rd March2026 . ➢ Mr. G. Ashwin Prabhu (AP) & Dr. K. M. Kumar (ASP) from the Department of Mechanical Engineering Published an article titled "Mechanical Characterization of Kevlar 49 and Pina Fiber Hybrid Composites" in "Journal of Polymer & Composite", a Web of Science (ESCI) Indexed Journal on 14th March 2026. ➢ Dr. R. Sathish, Professor from the Department of Mechanical Engineeringhas published a paper entiiled “Magnetic Metal -Polymer compositeswith ferromagnetic Particle networks for EMI Shielding in Flexible Electronics” in Journal of Polymer & Composites. 2026; 14(01):25-39. ➢ Dr. R. Sathish, Professor from the Department of Mechanical Engineeringhas published a paper entitiled “Thermal Stability and Impact ➢ Performance of Basalt–Carbon Hybrid Laminates in Polyimide–Phenolic ➢ Matrices” in Journal of Polymer & Composites. 2026; 14(01):247-260. Doi: ➢ 10.37591/Jopc.

		➢ Mr. G. Ashwin Prabhu, Assistant Professor from the Department of Mechanical Engineering has Published a paper entitled "Thermal Enhancement of Stir-Casted Al6061-Cu Metal Matrix Composite Fins: Experimental Evaluation Under Forced Convectio ", Scopus Indexed EPJWeb of Conferences held at 4th International Conference on Sustainable Technologies and Advances in Automation, Aerospace and Robotics (STAAAR 2025) by VIT Bhopal on 21st March 2026 . ➢ Mr. K. Gnanasekaran, Mr. G. Ashwin Prabhu & Mr. D. Sakthivel, Assistant Professor from the Department of Mechanical Engineering has Published a paper entitled "Investigation of microstructural and mechanical behavior on cryogenically treated Aluminium 7075 alloy " , Scopus Indexed EPJ Web of Conferences held at 4th International Conference on Sustainable Technologies and Advances in Automation, Aerospace and Robotics (STAAAR 2025) by VIT Bhopal. ➢ Mr. T. Balasubramanian, Assistant Professor, Department of Mechanical Engineering published a patent Titled “ Embedded Two wheeledautonomous robot navigation system utilizing grayscale optimizedvision processing and sensor fusion for efficient path detection”Application no: 202641003454 A. ➢ Mr. K. Pravinkumar, Assistant Professor, Department of MechanicalEngineering, has successfully published a patent titled “A UniversalAdaptive System and Mechanism for Multi-Domain

		MachineryApplications." The patent has been published with Publication Number:202641021498 A ➢ Dr.M.Arun attended One Day Hands-on Training Program titled "Micro-engineered Superhydrophobic Surfaces: Fabrication and Characterization, " conducted by the Department of Mechanical Engineering at IIITDM Kancheepuram on March 7, 2026. ➢ Mr. K. Pravinkumar, Assistant Professor, Department of Mechanical Engineering, published a research paper titled "Optimization of SuperPlastic Forming Process Parameters of Al 6061 Alloy Reinforced with SiCNano Composites by Taguchi Method" in EPJ Web of Conferences (Vol. 357, 2026).
4		➢ Mr. K. Gnanasekaran, Assistant Professor, Department of Mechanical Engineering, St. Joseph's College of Engineering, delivered a guest lecture on the topic "Next-Gen Composites: Processing and Characterization" at the One-Day National Level Workshop held at SSN College of Engineering on 10th March 2026.

5	 **Student Workshop**	➢ The Department of Mechatronics Engineering, St. Joseph's College of Engineering, Chennai, organized a One Day Workshop on Industrial Automation on 05 March 2026 at 8.30 a.m. in the Mechatronics Laboratory for II Year Mechatronics students. The workshop was conducted in association with AGIIT– Axis Global Institute of Industrial Training. Industry experts delivered sessions on PLC, HMI, robotics, sensors, and industrial automation systems. Students actively participated in the interactive and hands-on learning activities using their laptops. The program provided valuable exposure to real-time industrial automation practices and helped bridge the gap between academic learning and industry requirements.
6	 **Industrial Visit**	➢ III B & III C Mechanical Engineering students visited Rishaba Industries on 06/03/2026 as part of an industrial visit. The visit provided practical exposure to manufacturing processes and real-time industrial operations. Students gained valuable insights into industry practices, enhancing their technical knowledge and skills.

7	 **Industrial Visit**	➢ II Mechanical A students visited Sharda Motors on 04/03/2026 as part of an industrial visit.The visit offered hands-on exposure to automotive manufacturing processes and plant operations. Students gained practical insights into industry practices, improving their technical understanding.
8	 **Student Internships**	➢ Saitejas Y (third year) from 2023-2027 batch has been selected for the prestigious International Summer Internship Program – Autosol 2026. He will visit Germany from 14th to 28th June to explore advanced automation, mobility, and industrial robotics. This achievement highlights his excellence and global exposure in emerging engineering technologies.

9	 **Hackathon**	➢ MECHATHON '26, held on 5th March 2026 by St. Joseph College of Engineering, Sriperumbudur, witnessed enthusiastic participation from 2nd year Mechanical and 3rd year Chemical Engineering students. The winning team comprising Monish Deva R, Jaswanth K, Akshaya S, Roshini Priya V, and Siva Durga M demonstrated exceptional creativity and technical excellence, securing the top position along with a cash prize of ₹1,500. The event highlighted teamwork, innovation, and the practical application of engineering concepts.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Events conducted:

The following events have been conducted during March 2026 at College Level

1. Placement Activities	**Report**
a) Activity 1	
	An Elite Senior's Placement Masterclass was conducted on 15th March 2026 for the 2023–2027 batch. The session was led by Carmel Abigail Shirley Royan, a final-year ECE student who has secured placements in leading companies including Amazon (47 LPA), Infosys, and Cognizant (GenC), and was also selected in HackWithInfy. The session provided a detailed roadmap for placement preparation, highlighting the importance of consistency, time management, and choosing the right approach to crack competitive recruitment processes. Key aspects such as coding practice, problem-solving strategies, and building a strong technical foundation were emphasized, giving students a clear direction on how to begin and progress in their placement journey.

	The discussion further covered strategies to approach aptitude, technical, and HR interview rounds effectively. Students were introduced to popular coding platforms and guided on improving logical thinking and programming skills through regular practice. Sample interview questions and real experiences were shared to help students understand industry expectations. The interactive session allowed students to clarify doubts related to internships, technical preparation, and career paths, making it an informative and motivating experience.
b) Activity 2	

A Placement Alumni Talk was organized on 10th March 2026 for the 2023–2027 batch, featuring Ms. J. Mourdes Teshina, an alumna from the 2021–2025 batch, currently working as an Analyst (SAP-MM) at Kaar Technologies. She shared her journey from college to the corporate world, giving students a clear idea of what to expect in placements.

The session focused on industry requirements, skill development, and interview preparation. Students found her insights practical and relatable, especially her tips on building confidence and staying consistent. The interactive session helped clear many doubts and gave students a better understanding of career opportunities ahead.

The session covered important aspects of the placement process, including aptitude, technical, and HR rounds, along with the skills required to succeed.

Key areas such as SAP fundamentals, analytical thinking, and communication skills were discussed in detail. Students also gained insights into career paths, industry expectations, and growth opportunities in SAP domains.

	The interactive discussion allowed students to clarify doubts regarding internships, preparation strategies, and role requirements, making the session informative and highly beneficial. 
2. PROFESSIONAL SOCIETY ACTIVITIES	**Report**

a) Activity 1	
	An Intern Drive and Guest Lecture on “AI in Cybersecurity” was held on 6th March 2026 for second and third year students. The session was led by Mr. Mahesh M R, Founder and CEO of Securoak, Chennai, who shared insights on how AI is transforming modern cybersecurity. He explained how intelligent systems help detect and prevent cyber threats, along with real-world examples from industry.


8 DECENT WORK AND ECONOMIC GROWTH
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
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GUEST LECTURE
ON
AI IN CYBERSECURITY
MAHESH M R
Founder & CEO of SECUROAK , Chennai
For IIIrd and IIIrd year students
6TH MARCH 2026
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St. JOSEPH'S
GROUP OF INSTITUTIONS
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The Choice of
Disciplined Toppers

b) Activity 2	
	The session was interactive, with students engaging in discussions on internships, skills, and career opportunities in cybersecurity. The Intern Drive encouraged students to explore industry exposure and practical learning. Overall, the event gave students a clear understanding of emerging trends and motivated them to build skills in AI and cybersecurity.

	
3. STAFF ACHIEVEMENTS	**Report**
a) Activity 1	
	Dr. P. Elaveni, a faculty member of Electronics and Communication Engineering, presented her research titled “Spectral Subset Hierarchical Bayesian Optimization for Hyperspectral Band Selection” at the 7th International Conference on Innovative Trends in Information Technology, hosted by IIT Kottayam, Kerala, on 27–28 March 2026.

	 Her work received positive recognition for its quality and relevance. In appreciation of her contribution, she has been invited to serve as a resource person for an upcoming Faculty Development Programme. This accomplishment highlights her active research engagement and contribution to advancing knowledge in her field.

	
b)Activity 2	

Mrs. R. Madhumitha, Assistant Professor, served as a Resource Person in the IIC 8.0 sponsored webinar on "AI Tools for Researchers," conducted by Jeppiaar Institute of Technology on 2026. The session focused on the effective use of advanced AI tools to support research activities, offering valuable insights into improving productivity, data analysis, and innovation in academic work. Her contribution reflects a strong commitment to knowledge sharing, professional excellence, and active participation in collaborative academic initiatives.

6) Publications

Journal Publications

1) D. Lakshmi, Associate Professor has published a paper titled "Multi-Factor Social Anxiety Prediction Using Ensemble Learning Techniques Among Indians" International Journal of Advances in Signal and Image Sciences, Vol. 11, No. 2, 2025,-Q4

2) Vignesh G D, Assistant Professor has published a paper titled “Advanced Deep Fake Detection: Leveraging Xgboost and SVM with Multi Modal Features” in 3rd International Conference on Optimization Techniques in the Field of Engineering (ICOFE)

3) Lakshmi D, Associate Professor has published a paper titled “Machine Learning Based Detection of Parkinson's Disease: A comparitive study of classifiers on clinical voice data”, ICIRSET 2025.

4) D Lakshmi, Associate Professor has published a paper titled “Smart Gesture-Controlled Car with speed control,obstacle detection and real time cloud logging using ESP32”, ICECST 2025 , Lincoln Universy College, Malaysia

5) K. R. Kayalvizhi;E Caron Joan;B Danusri, has presented a paper titled “Green Sphere – Automatic Plant Watering System with ML Integration”in ICoICI2025.

6) Thenmozhi, P., Rajeshkannan S., has presented a paper titled “Automated Hepatic Tumor Detection Using ResNet-50 and Flask: A Comprehensive Framework”, in 2nd International Conference on Computing and Data Science Iccds 2025.

7) Vignesh G D, Assistant Professor has presented a paper titled “ IoT-Based Landslide Monitoring and Prediction System UsingNodeMCU and ThingSpeak for Real-Time Data Analysis” in 3rd International Conference on Optimization Techniques in the Field of Engineering (ICOFE).

8) Vignesh G D, Assistant Professor has presented a paper titled “AI Powered Cyberbot for enhancing the Workplace Efficiency” in 3rd International Conference on Optimization Techniques in the Field of Engineering (ICOFE).

9) Vignesh, GD Assistant Professor has presented a paper titled “Advancement of Cloud-Based Ultra-Secure Communication using Quantum Key Distribution Protocols with Physical Layer Security in 6G Networks” in 3rd International Conference on Optimization Techniques in the Field of Engineering (ICOFE)

10) P. Latha, Assistant Professor has presented a paper titled GPU-Powered Sentiment Classification with VGG19 and RF+XGB for Improved Product Recommendations", IEEE International Conference on Future Technologies (ICFT-2025)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Sl. No.	Photographs Captured During Events	Corresponding remarks (Minimum 300 words)
1.	**STUDENT WORKSHOP**  ***PIC: EVENT POSTER & PHOTO***	**Smartathon 2.0,** a flagship hackathon, witnessed an overwhelming response from students across South India, with registrations open from January 2026 to February 12, 2026, receiving over 880 entries. 120 teams were shortlisted, out of which 85 teams participated in the final event held on **March 17 and 18, 2026**. The hackathon spanned five diverse domains, encouraging participants to develop innovative and practical solutions to real-world challenges. The evaluation was conducted by **expert juries from Larsen & Toubro,** ensuring a high standard of assessment. total cash prize pool of 1,00,000 was awarded, with two winners selected from each domain, along with around eight special mentions for exceptional ideas. The **event was supported by Larsen & Toubro, and IEEE Madras Section,** whose support contributed significantly to the success of the event. Smartathon 2.0 stood as a vibrant platform for innovation, collaboration, and experiential learning.

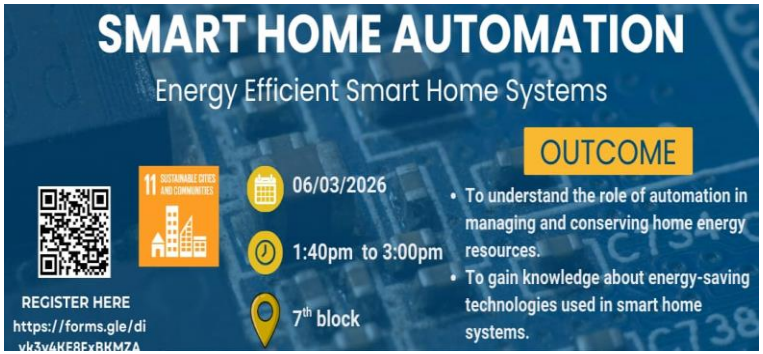
2.	**Inaugural of Society of Women Engineers (SWE)**  ***PIC: EVENT PHOTO***	**Society of Women Engineers** had been inaugurated on **16th March** by Department of EEE, St. Joseph's College of Engineering. Around 50 students of I year EEE participated in the inauguration. The chief guests of this occasion are **Mr. Paul Robichaud, Country Head, SWE India and Mrs. S. Ashwini, SWE Global Ambassador, Technical Specialist, Cummins India Limited**. The outcomes of this event are, to develop leadership, technical and soft skills through workshops and training programs. Exposure to latest technologies and Innovation.

3.	**GUEST LECTURE**  ***PIC: EVENT PHOTO***	The Department of Electrical and Electronics Engineering of St. Joseph's College of Engineering successfully inaugurated the **Institution of Engineers (India) Student Chapter** (SJCE EEE), Kancheepuram Local Centre, on **2nd March 2026.** The Chief Guest, **Dr. S. Karthikeyan FIE, Chairman ,Institution of Engineers(India)-KLC** delivered an insightful address on professional excellence, innovation, and industry exposure.**The key highlight was the launch of the One-Year E-Waste Mission promoting environmental sustainability and responsible e-waste disposal.** Students were encouraged to actively participate in the initiative and were awarded green badges for their contributions. The event also featured the IEI Membership Oath Ceremony, reinforcing professional ethics among students. The Student Chapter Certificate was officially presented, marking a significant milestone for the department. The program concluded with a heartfelt vote of thanks, followed by a group photo, commemorating the successful inauguration.
4.	**International Women's Day 2026**	On the occasion of International Women's Day 2026, St. Joseph's College of Engineering honoured Mrs. Padma for her exceptional integrity. A dedicated sanitation worker, she returned 45 sovereigns of gold to its rightful owner, setting a powerful example of honesty. **Her noble act was recognized by our Chairman Dr.B.Babu Manoharan M.A.,MBA.,Ph.D during the special event. Mrs. Padma was awarded a cash prize of ₹20,000 in appreciation of her righteousness.** Her inspiring story serves as a reminder that true values and integrity shine in every walk of life.

	 ***PIC: EVENT PHOTO***	
5.	**Student Achievements** 	1. **Gokulavishnu R** from **II EEE secured 2nd Place in The National Amateur Chess Championship. Received 14000.** Selected To Represent India in the Upcoming World amateur chess championship 2. **Anuj K, Alson Roj, Harinisri B and Harisha P III/EEE** won **III place with cash prize of Rs. 2,000/-**. 3. **Simeon Giftson Herbert I** successfully cleared **GATE 2026 with a score of 411 & AIR 5488.**

6.	**IEEE activities**  ***PIC: EVENT POSTER***	The orientation session titled "**PELS IGNITE**" was conducted on **26.03.2026** at 8:00 PM. The session was graced by the Chief Guest, **Lt.R.Sreekanth,** IEEE SJCE Student Branch Counsellor. He addressed the participants and emphasized the importance of professional societies in shaping technical and leadership skills. The program introduced IEEE PELS and highlighted its opportunities for student development and innovation. Guidance was provided on roles, responsibilities, and expectations of PELS office bearers. Senior members shared their experiences on teamwork, collaboration, and organizing technical activities. The session motivated students to actively participate and contribute to IEEE initiatives. Overall, the event strengthened coordination, enhanced clarity of roles, and laid a strong foundation for future PELS activities.
7.	**IEEE activities**  	IEEE SJCE Women in Engineering (WiE) Affinity Group , successfully organized **Her Health Horizon – Edition II on 06 March 2026** as part of the International Women's Day celebrations. **The initiative was conducted for the women teaching and non-teaching staff of St. Joseph's Group of Institutions, emphasizing the importance of health awareness, preventive care, and overall well-being**. The event served as a meaningful platform where health awareness was transformed into action, bringing together insightful discussions on women's health along with essential medical screenings. As part of the initiative, participants benefited from free health screenings and medical consultations, which included: **Dental check-ups:**

	 ***PIC: EVENT POSTER & PHOTO***	Promoting better oral hygiene and preventive dental care. **Mammogram consultations:** Supporting early detection of breast-related health concerns. **Pap smear tests:** A crucial screening for the prevention and early detection of cervical cancer. The event concluded with a vote of thanks, acknowledging the contributions of the organizing teams, collaborating organizations, and all participants who made Her Health Horizon – Edition II a meaningful and impactful initiative toward promoting women's health, strength, and empowerment.
8.	**CLUB Activities** 	A session on **"Kaar Technologies – Company Overview, Processes, and Career Drive Insights"** was conducted on **20.03.2026** from 3:00 PM to 4:00 PM.The session was delivered by **Ms. Shabana Asmeen M J, SAP MM Analyst at Kaar Technologies and an alumnI (2021–2025 batch).** It was organized exclusively for 3rd year EEE students to provide industry exposure and career guidance.The speaker shared insights on company operations, SAP roles, and recruitment processes.Students gained valuable knowledge on career opportunities and required skill sets in the industry.The session was highly informative and motivated students to prepare for future career prospects.

9.	**CLUB Activities**  ***PIC: EVENT POSTER***	Electrical Club in association with IEEE Industry Applications Society ORGANIZED "**Smart Home Automation** " AN EVENT ON ENERGY EFFICIENT SMART HOME SYSTEMS. Smart home automation uses networked devices, sensors, and AI to remotely monitor and control home systems like lighting, climate, security, and appliances. It leverages technologies such as Wi-Fi, Bluetooth, Zigbee, and IoT to improve comfort, energy efficiency, and security through automation apps or voice assistants
10.	**Faculty Recognition**	1. Dr M Venmathi, Associate Professor, has acted as reviewer for papers in reputed journals **"Scientific Reports"** and **"Discover Electronics"**. 2. **Mr R Sreekanth, AP/EEE, Associate NCC Officer**, has delivered a guest lecture on "The Role of NCC in Developing Future Leaders" at Kings Engg College, Pudukkottai Dt..
11.	**Faculty Publications**	1. Dr Jayarama Pradeep, Professor & Head has published a book chapter titled "OPTIMIZED DUAL-STAGE INTERLEAVED ON-BOARD CHARGER FOR ELECTRIC VEHICLES USING SNOW GEESE ALGORITHM" 2. Dr.P. Velmurugan, Associate Professor published a patent titled "AN INTELLIGENT ISLANDING DETECTION AND CONTROL SYSTEM FOR SMART GRID–INTEGRATED DISTRIBUTED POWER NETWORKS"

12.	PLACEMENT DETAILS FOR THE MONTH OF MARCH 2026	**2022-2026 Batch** No of students placed = 119 Students Total No of Offers = 182 Offers Total No of Students (UG) = 171 Total No of Students Sports Causals (UG) = 01 Total No of Eligible Students (UG) = 141 (All Clear) % of students Placed (UG) = 119/171 = 70% No of students having single offers = 70 No of students having Double offers = 39 No of students having Triple offers = 6 No of students having 4 offers =4

. DEPARTMENT OF SCIENCE

Sl. No.	Events	Remarks
1	**Guest Lecture**	1. The Department of Science has organised a career guidance program on 04-03-26, for I year Cyber security, AML, ADS, M.Tech CSE students. Mr. Krishnamurthy Lakshminarayana, AVP & Head of Global IT and Information Security at Prodapt, Chief Digital & AI Officer (ISB) delivered a lecture on the title of "Safe and Trusted AI – Build a Secure Future with AI".
2	**FDP/Workshop/Conference**	***Conference Conducted:*** 1. The Department of Science, in association with RSP Research Hub, Coimbatore had conducted "Second International online Conference on Innovations in Materials Science, Technology, Engineering, and Management for Sustainable Development (IMSTEM 2026) from 20-03-26 to 21-03-26. ***Papers Presented:*** 1. Dr. P. Saravanan , Dr. K. Jayamoorthy , Dr. P. Krishnan, Dr. T.L. Ajeesha , Dr. K. Dhanaraj had presented their paper in "Second International online Conference on Innovations in Materials Science, Technology, Engineering, and Management for Sustainable Development (IMSTEM 2026) from 20-03-26 to 21-03-26, organized by St. Joseph's College of Engineering.

		Session Chair 1. Dr. K. Jayamoorthy and Dr. P. Krishnan had acted as Session Chairperson at the "5th International Conference on Multi-Functional Materials and Radiation Measurements", held on 27-03-26, organized by "SSN College of Engineering, Chennai". ***Outskill Certification Program*** 1. Dr. S. Suresh had completed a certification program on "AI master mind" conducted by Outskill platform on 18-03-26. ***Attended:*** 1. Dr. T.L. Ajeesha had attended "4th International online FDP on Advanced Functional Materials: held between 27-02-26 and 06-03-26, conducted by "SRM TRP Engineering College, Tiruchirappalli..".
3	**Awards/Prize won by students / Staff**	***Staff:*** 1. Dr. P. Saravanan, Dr. K. Jayamoorthy Dr. T.L. Ajeesha , had received best paper presentation award in "Second International online Conference on Innovations in Materials Science, Technology, Engineering, and Management for Sustainable Development (IMSTEM 2026) from 20-03-26 to 21-03-26, conducted by St. Joseph's College of Engineering. ***Students:***

		1. Mr. R. N. Ashwin Raj , Mr. M. K. P. Aksal Sairam of I M.Tech CSE , had received First prize in “Code Relay at ZENITH’26, - Technical Symposium on 05-03-26 conducted by “Jeppiaar Engineering College, Chennai”. 2. Mr. Laksh Kumar Singh , Ms. Anushka Albert of I ECE , had received First prize in “Electrascript at SURGE2k26, - Technical Symposium on 07-03-26 conducted by “Velammal Engineering College, Chennai”. 3. Mr. Hrithic Krishnan L, Mr. Kishore S, Ms. Jeyavartha V, Mr. Kavin Kalanjiyam S, Ms. Karveti Geethika, Ms. Jennifer of I ADS , had received “Best Innovation Award” in the “Hackathon 360o – 3.0” event on 14-03-26, organized by KPR Institute of Engineering and Technology, Coimbatore. 4. Ms. R. Thiruchelvi, Mr. K. Narasimman, Mr. E. Rajini , had received best paper presentation award (Research Scholar – Internal Category) in “Second International online Conference on Innovations in Materials Science, Technology, Engineering, and Management for Sustainable Development (IMSTEM 2026)” from 20-03-26 to 21-03-26, conducted by St. Joseph’s College of Engineering. 5. Three student teams, ***Team 1*** – Ms. Swathipriya S, Mr. Tulasi Krishnan G, Mr. Yogiraj P, Mr. Venkatesan N of I ECE,

		Team 2 - Ms. Keerthana P S, Ms. Nadine Daniah G J, Ms. Mariselvi A, Ms. Nivetha S, Ms. Rakshita D M of I ECE, ***Team – 3*** Mr. Aksal Sairam M K P, Ms. Lakshana S, Ms. Sanjana Ria Raj, Mr. Raaghav Kabil M of I M.Tech CSE, had received best paper presentation award (UG – Internal Category) in "Second International online Conference on Innovations in Materials Science, Technology, Engineering, and Management for Sustainable Development (IMSTEM 2026) from 20-03-26 to 21-03-26, conducted by St. Joseph's College of Engineering.
4	**Industrial Projects done by students**	--
5	**Publications(only published) details**	***Journal Publications***: 1. Dr. N.R. Rajagopalan published a research article titled "Structural and solid state properties of a hydrogen bonded Pentanedioic acid thiourea co-crystal." in the Journal "Physics of the solid state". Doi: https://doi.org/10.1134/S1063783425603868 2. Dr. K. Jayamoorthy published a research article titled "Halogenated Copper(II) complex of an aniline Schiff base: synthesis, spectroscopic characterization, antidiabetic activity, molecular docking, and DFT studies" in the journal "Journal of Molecular Structure". Doi: https://doi.org/10.1016/j.molstruc.2026.145710 3. Dr. K. Jayamoorthy published a review article titled "A Review on Pharmacological Properties of Indian Innate Plants" in the journal

		"Pharmacognosy Reviews" Doi: https://doi.org/10.5530/phrev.20260025 ***Reviewers:*** 1. Dr. S. Suresh – Soil and Sediment Contamination 2. Dr. N. Punitha – Journal of Nanotechnology 3. Dr. K. Jayamoorthy - Chemical Physics Impact, Journal of Molecular Structure, Materials Science in Semiconductor Processing, Soil and Sediment Contamination, Mini-Reviews in Organic Chemistry, Discover Molecules, Three book chapter proposals (Taylor-Francis) on the topics of Climate Resilience, AI and sustainable Environmental systems, AI-IoT Models for Sustainability challenges have been reviewed. 4. Dr. P. Krishnan – Micro and Nanosystems 5. Dr. B. Subash – Journal of Molecular Structure, Materials Science in Semiconductor Processing, Current Analytical Chemistry 6. Dr. S.M. Prakash – Discover Chemistry 7. Dr. K. Dhanaraj – Ceramics International, Next Nanotechnology, Discover Nano
6	**Other activities(if any)**	The Department of Science had conducted the following programs 1. ***Alumni Talk*** – for I ADS students – by Mr. Ramkumar Sampath (EEE 2018-2022 batch) on the title of "The Road from Degree to Dream" on 18-03-26

		2. Workshop and Career Guidance program for School students a) Dr. A. Uma Devi, Dr. N.R. Rajagopalan, had conducted an workshop and Career Guidance program for school students on 17-03-26 on the title of "Recent Trends in Science and Technology" at "Dr. Sivanthi Adhithanar Girls Higher Secondary School, Manali." b) Dr. S. Kiruba, Dr. V. Swarnalatha, Ms. S. Savitha had conducted an workshop and Career Guidance program for school students on 24-03-26 on the title of "Turning Digital Models into Physical Objects " at "W.P.A.Soundarapandian Hr. Sec. School, Ayanavaram.". 3. ***NGO activities on 30-03-2026*** 1. I EEE A - Maria's Home for Aged , Guindy 2. I EEE B – Little Hearts, Panaiyur 3. I ADS A – Hope, Pattabiram 4. I ADS B – Paradise Home, Muttukkadu 5. I ADS C – Mahimai Illam, Chengalpattu 6. I ADS D –Oxford Home, Urappakkam 7. I M.Tech CSE - Manasu , Thirusulam