



100 Years 1924-2024  
**St. JOSEPH'S COLLEGE OF ENGINEERING**  
(An Autonomous Institution)

**St. Joseph's Group of Institutions**

OMR, Chennai - 119



Approved by AICTE, New Delhi and Affiliated to Anna University.



FEBRUARY 2025

# DEPARTMENT OF SCIENCE NEWSLETTER



## Vision & Mission



*The Department of Science strives to mould the students to the best of their ability to develop their knowledge in basic science required for a budding engineer, to compete and contribute to industry and research. The department hopes to train the young engineers to excel in scientific thinking and logical reasoning.*



- To create awareness of the potential of Science and scope of its applications to the diversified areas of engineering and technology in industries and research.*
- To secure a pass percentage of above 95% results in university examinations*

## Student Achievements



Mr. Uvarajan M and Ms. Mithra L, first-year students from the Department of Chemical Engineering, received certificates for presenting an online paper titled "Keratin Hydrogel Extraction from Chicken Feathers: A Green, Sustainable Approach for Tissue Regeneration." They secured Second Prize at the 35th National Level Inter-University Chemical Engineering Students Seminar (InChES 25), organized by the Department of Chemical Engineering, Annamalai University, on February 7, 2025.

Shanju Shriya, a first-year student from the Department of Artificial Intelligence and Data Science, was awarded a certificate for her participation in Quizverse, a contest conducted as part of REVI'25, a National Level Technical Symposium organized by the Department of CSE (Cyber Security) at Chennai Institute of Technology. She secured 1st place in the competition and received a cash prize of Rs. 1500.



Ms. Pavithra C, a first-year student from the Department of Artificial Intelligence and Data Science, received a certificate for her participation in the State Level Essay Writing Competition held in January 2025. She was awarded the Incentive Prize of ₹1000 for her essay titled "நல்லாழகிறகு நள்ளெறி கூறும் அய்யாண்டி குவளஞ்சுவர்." The competition was organized by the School of Arabic and Islamic Studies, in collaboration with Kilakarai Bukhari Aalim Arabic College, Vandalar, Chennai.



## Student Achievements



Ms. Monika R A and Ms. Lavanya K, first-year students from the Department of ECE, secured First Prize in the technical event "BRAINIAC", held on February 4, 2025, and organized by the Department of Electronics and Communication Engineering, Chennai Institute of Technology. They were awarded a cash prize of ₹2,000 and a gift voucher worth ₹2,500.

Mr. Mageshwaran S and his team, first-year students from the Department of ECE, participated in the HAP HYST event and achieved 4th place at Hackers - National Level Technical Symposium. The event was hosted by the Department of Computer Science and Engineering at Chennai Institute of Technology on February 3, 2025.



Mr. Surender S.R, a first-year ECE student, won first place and received a reward of ₹3,000 in the Bugsmash event at the International Technical Symposium, Pinnacle '25. The event was organized by the Department of Information Technology, Easwari Engineering College, Chennai, on 22/02/2025.



Mr. Shyam Krithik A and Ms. Wasalee Fathima KB, first-year students from the Department of Chemical Engineering, received a Certificate of Excellence for securing first place in the Task and Tell event. The award was presented by Sri Venkateswara College of Engineering (SVCE), Tamil Nadu, as part of FANSOPHY'25, a National Level Technical Symposium organized by the Department of Chemical Engineering on 22nd February 2025.



## Student Achievements

Gokula Lakshmi A G (I Chemical) participated in Block and Tackle, a debate-style event requiring critical thinking and argumentative skills. Competing against strong contenders at Easwari Engineering College, she secured 3rd place.



Viniya S (I Chemical) exhibited her technical expertise and presentation skills by participating in two competitions at Easwari Engineering College. She won 1st place in Tech Tank, an event likely focused on innovative ideas and technology, and also secured 2nd place in Paper Presentation, where she effectively communicated her research findings or technical knowledge.

Prineedhi R (I BCE C) participated in Prompt Craft, a competition held at Velammal Engineering College, which may have involved creative problem-solving or spontaneous speaking. She secured 3rd place and was rewarded with a cash prize of Rs.500/- for her outstanding performance.



Anto Jeffrey A, Kiruba Nidhi V R, and Dhwerakanath D (I EEE A) demonstrated their technical proficiency in Circuit Debugging, an event that tested their ability to troubleshoot and fix electronic circuits. Competing at SRM Institute of Science and Technology, they secured 2nd place.



Arithula J, Priyadarshini R, Sri Akshitha Devan, Sakthi Varunishaa S, and Manika M (I ADS C) participated in the Green Screen event at Easwari Engineering College, where they utilized creative skills and technical expertise to achieve the Runner-up position.



## Student Achievements

The Electrical and Electronics Engineering (EEE) Department of St. Joseph's College of Engineering organized the Ideathon 1.0 competition, inviting participation from first-year students across various disciplines.

After an intense competition, Team Luxem secured first place. The team included members from IT and ECE departments, with Rangarajan (IECE) and team showcasing their innovative ideas.

The third-place winners were Team Innovateher's, comprising Sri Akshitha Devan, Sangamithra Dilirasa, Priyadarshini S, and Pranitha A from the Applied Data Science (I ADS) department.

This event provided a platform for young minds to present their creative solutions, and all participants demonstrated commendable efforts. Congratulations to the winners for their dedication and hard work!



Team Tornadoes from EEE – 1st Year secured 1st place on Day 1 of the Design Thinking Workshop. The team comprised Allan Immanuel, Dhaya Dheeran, Lathika, Deepalakshmi, and Abisha, who demonstrated outstanding problem-solving and innovation skills.

# TOPPERS - I SEMESTER (8.5 & ABOVE GPA)

## FIRST YEAR ELECTRICAL AND ELECTRONICS ENGINEERING (BATCH: 2024-2028)



**ANSHIKA K. S. SANKAR**  
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**ANSHIKA V. SANKAR**  
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CONGRATULATIONS

## TOPPERS - I SEMESTER (B.S & ABOVE GPA)

FIRST YEAR CYBERSECURITY (BATCH: 2024-2028)



**CHARUMITHRA C**  
312324149000  
GPA: 9.60



**POOJA A.E**  
312324149040  
GPA: 9.28



**TRISHNA R**  
312324149058  
GPA: 9.28



**ANTLEY SHRUBAN L**  
312324149004  
GPA: 9.00



**STELGIN S**  
312324149055  
GPA: 8.88



**DHARNANI C**  
312324149010  
GPA: 8.72



**JAHNAVI S**  
312324149018  
GPA: 8.72



**NIVETHA J**  
312324149037  
GPA: 8.72



**PADMASRI R**  
312324149038  
GPA: 8.72



**VIJAY M**  
312324149063  
GPA: 8.72



**FARHA TAZMEEN C**  
312324149013  
GPA: 8.58



**LAKSHANA K**  
312324149035  
GPA: 8.58



**DHARSHANA D**  
312324149011  
GPA: 8.60



**JOSHNA ROSE J.N**  
312324149023  
GPA: 8.60



**POOJITA KOBURULA**  
312324149041  
GPA: 8.60



**KAVI PRIYA E**  
312324149029  
GPA: 8.36



**RETHIKA R**  
312324149044  
GPA: 8.36



CONGRATULATIONS



**TOPPERS - 1 SEMESTER (8.5 & ABOVE GPA)**
**FIRST YEAR CHEMICAL ENGINEERING (BATCH: 2024-2028)**

**CONGRATULATIONS**


**TOPPERS - I SEMESTER (8.5 & ABOVE GPA)**
**FIRST YEAR CHEMICAL ENGINEERING (BATCH: 2024-2028)**

**ANANYA ANAND**  
 GPA: 8.90

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**CONGRATULATIONS**


**TOPPERS - 1 SEMESTER (8.5 & ABOVE GPA)**
**FIRST YEAR ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (BATCH: 2024-2028)**

**CONGRATULATIONS**


**TOPPERS - I SEMESTER (8.5 & ABOVE GPA)**
**FIRST-YEAR ARTIFICIAL INTELLIGENCE & DATA SCIENCE (BATCH: 2024-2028)**

**CONGRATULATIONS**


**TOPPERS - 1 SEMESTER (8.5 & ABOVE GPA)**
**FIRST YEAR ARTIFICIAL-INTELLIGENCE & DATA SCIENCE (BATCH- 2024-2028)**

**ADARSH K. SRINIVASAN**  
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**TOPPERS - 1 SEMESTER (8.5 & ABOVE GPA)**
**FIRST YEAR ELECTRONICS AND COMMUNICATION ENGINEERING (BATCH-2024-2028)**

**ANUSHKA S.  
DESAI**  
8.8

**TUSHAR VAIDYA**  
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**SNEHA VAIDYA**  
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**NISHU BHAT**  
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**SNEHA C.  
DESAI**  
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**SAKSHI MISHRA**  
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**POOJA DINESH  
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**ANSHIKA W.  
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**CONGRATULATIONS**


**TOPPERS - 1 SEMESTER (8.5 & ABOVE GPA)**
**FIRST YEAR ELECTRONICS AND COMMUNICATION ENGINEERING (BATCH- 2024-2028)**

**ABHISHEK S.  
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**CONGRATULATIONS**


## NGO ACTIVITIES

The NGO visit program for first-year students is a meaningful initiative organized by St. Joseph's College of Engineering to encourage social responsibility and empathy among students. As part of this program, students visit various organizations, including Old Age Homes and centers for Children with Cerebral Palsy (CP). During these visits, students actively interact with the inmates, engaging in conversations, organizing fun activities, and conducting entertainment programs to uplift their spirits. These activities aim to bring joy to the residents, foster a sense of compassion in students, and provide them with a deeper understanding of community service. The initiative helps students develop empathy, teamwork, and leadership skills while making a positive impact on society.

### NGO visit on 20-Feb 2025

NGO VISIT FOR 1 YEAR AML & B STUDENTS



📍 VISITING ADDRESS: OLD AGE HOME  
MAMMAI ILAM  
MAHAI, CHENNAI

NGO VISIT FOR 1 YEAR AML & B STUDENTS



📍 **MAMMAI ILAM**

Old Age Home, opposite to CMC,  
Chengalpattu, Anna Nagar, Chennai  
Total No. of (6000)

NGO VISIT FOR 1 YEAR ADS-B STUDENTS



**BEJOY HOME**

210 Ann Nagar, near Prakash super  
market, Vardhaman Nagar, Adhanur,  
Tamil nadu. 600211



DEPARTMENT OF SCIENCE  
**NGO VISIT**  
FIRST YEAR CHEMICAL



📍 VISITING ADDRESS: BEJOY HOME  
BEJOY HOME, ADHANUR,  
TAMIL NADU. 600211



20 FEBRUARY 2025

NGO visit for 1 year ECE-B students



📍 St. John's Old Age Home For aged persons  
Paradise, Chennai  
DATE: 09/02/25

NGO VISIT FOR 1 YEAR CHEMISTRY STUDENTS



**PARADISE HOME**

St. John's Old Age Home For aged persons,  
Paradise, Chennai



## SEERA ACTIVITIES

The Students Employability Enhancement Research Activities (SEERA) program is designed to equip students with essential skills, bridging the gap between their abilities and employer expectations. It includes mock interviews, discussions on body posture, and technical training to enhance employability.

Students are categorized into different groups based on their goals:

- High Package Placement – Focuses on refining analytical skills.
- ABHS – Provides opportunities for higher education in India and abroad.
- Placement – Prepares students for job opportunities.
- Special Coaching – Offers key questions and innovative learning methods.
- Communication – Enhances coding proficiency and problem-solving abilities.

This structured approach ensures targeted skill development, improving students' career prospects.

## Glimpses of SEERA Activities



### FOR TECHNICAL SKILLS

<b>EMPLOYMENT SKILLS</b>  Focus on developing essential workplace skills such as communication, teamwork, and problem-solving.	<b>ABHS</b>  Provides opportunities for higher education in India and abroad.
<b>ABHS</b>  Provides opportunities for higher education in India and abroad.	<b>MY SKILLS</b>  Focus on developing essential workplace skills such as communication, teamwork, and problem-solving.

### FOR PLACEMENT

<b>Placement</b>  Prepares students for job opportunities.	<b>Special Coaching</b>  Offers key questions and innovative learning methods.
<b>Special Coaching</b>  Offers key questions and innovative learning methods.	<b>Placement</b>  Prepares students for job opportunities.

DATE: 01.02.2025

### FOR 1 Year Cyber security

<b>ABHS</b>  Provides opportunities for higher education in India and abroad.	<b>S E E R A</b>	<b>ABHS</b>  Provides opportunities for higher education in India and abroad.
<b>Placement</b>  Prepares students for job opportunities.		<b>Special Coaching</b>  Offers key questions and innovative learning methods.

### FOR 1 Year Cyber security

<b>Special Coaching</b>  Offers key questions and innovative learning methods.	<b>Placement</b>  Prepares students for job opportunities.
<b>Placement</b>  Prepares students for job opportunities.	<b>Special Coaching</b>  Offers key questions and innovative learning methods.

DATE: 01.02.2025

### FOR HIGH PACKAGE PLACEMENT

<b>ABHS</b>  Provides opportunities for higher education in India and abroad.	<b>Placement</b>  Prepares students for job opportunities.
<b>Special Coaching</b>  Offers key questions and innovative learning methods.	<b>Placement</b>  Prepares students for job opportunities.

### FOR PLACEMENT

<b>Placement</b>  Prepares students for job opportunities.	<b>Special Coaching</b>  Offers key questions and innovative learning methods.
<b>Special Coaching</b>  Offers key questions and innovative learning methods.	<b>Placement</b>  Prepares students for job opportunities.

03  
Feb  
2025



# Glimpses of SEERA Activities

**FOR 1 YEAR ADS STUDENTS**  
Date: 17 FEB 2025 Time: 1.40 pm to 3.00 pm

**INDUSTRY PACKAGE PLACEMENT**  
Students participated in a placement drive where they were interviewed by various companies. The event was held in a large hall and was attended by many students and faculty members.

**SEERA**

**PLACEMENT**  
Students participated in a placement drive where they were interviewed by various companies. The event was held in a large hall and was attended by many students and faculty members.

**COMMUNICATION & BUSINESS**  
Students participated in a placement drive where they were interviewed by various companies. The event was held in a large hall and was attended by many students and faculty members.

**1 YEAR ADS STUDENTS**

**SEERA**

**INDUSTRY PACKAGE PLACEMENT**  
Students participated in a placement drive where they were interviewed by various companies. The event was held in a large hall and was attended by many students and faculty members.

**PLACEMENT**  
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**COMMUNICATION & BUSINESS**  
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**FOR 1 YEAR ADS STUDENTS**

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**SEERA**

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**COMMUNICATION & BUSINESS**  
Students participated in a placement drive where they were interviewed by various companies. The event was held in a large hall and was attended by many students and faculty members.

**FOR 1 Year Cyber Security**

**INDUSTRY PACKAGE PLACEMENT**  
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**SEERA**

**PLACEMENT**  
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**COMMUNICATION & BUSINESS**  
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**FOR 1 YEAR ADS STUDENTS**

**INDUSTRY PACKAGE PLACEMENT**  
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**SEERA**

**PLACEMENT**  
Students participated in a placement drive where they were interviewed by various companies. The event was held in a large hall and was attended by many students and faculty members.

**COMMUNICATION & BUSINESS**  
Students participated in a placement drive where they were interviewed by various companies. The event was held in a large hall and was attended by many students and faculty members.

**For 1 YEAR EEE Students**  
Date: 17 FEB 2025 Time: 1.40 pm to 3.00 pm

**INDUSTRY PACKAGE PLACEMENT**  
Students participated in a placement drive where they were interviewed by various companies. The event was held in a large hall and was attended by many students and faculty members.

**SEERA**

**PLACEMENT**  
Students participated in a placement drive where they were interviewed by various companies. The event was held in a large hall and was attended by many students and faculty members.

**COMMUNICATION & BUSINESS**  
Students participated in a placement drive where they were interviewed by various companies. The event was held in a large hall and was attended by many students and faculty members.



17 Feb 2025



# Glimpses of SEERA Activities

## FOR 1 YEAR AHS STUDENTS

DATE: 28 FEB 2025 TIME: 1:30 PM TO 3:00 PM

### HIGH PACKAGE PLACEMENT

Workshops - Career Learning & Job Satisfaction



Students receive guidance on how to identify and apply for high package jobs, including resume writing and interview techniques.

### PLACEMENT

Introduction to Career Guidance and Placement



Students receive guidance on how to identify and apply for jobs, including resume writing and interview techniques.

### PLACEMENT

Workshops - Career Learning & Job Satisfaction



Students receive guidance on how to identify and apply for jobs, including resume writing and interview techniques.

### WORKSHOP ON

Self-Confidence Building & Interview Skills



Students receive guidance on how to identify and apply for jobs, including resume writing and interview techniques.

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## STUDENTS EMPLOYABILITY ENHANCEMENT RESEARCH ACTIVITY FOR FIRST YEAR CHEMICAL DEPARTMENT

### HIGH PACKAGE

Students receive guidance on how to identify and apply for high package jobs, including resume writing and interview techniques.

DATE: 28 FEB 2025 TIME: 1:30 PM TO 3:00 PM



### PLACEMENT

Students receive guidance on how to identify and apply for jobs, including resume writing and interview techniques.

DATE: 28 FEB 2025 TIME: 1:30 PM TO 3:00 PM



### SLOW LEARNERS AND COMMUNICATION

Workshops - Career Learning & Job Satisfaction

Workshops - Career Learning & Job Satisfaction

DATE: 28 FEB 2025 TIME: 1:30 PM TO 3:00 PM



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## FOR 1 YEAR AHS STUDENTS

### PLACEMENT



DATE: 28 FEB 2025 TIME: 1:30 PM TO 3:00 PM

### PLACEMENT



DATE: 28 FEB 2025 TIME: 1:30 PM TO 3:00 PM



DATE: 28 FEB 2025 TIME: 1:30 PM TO 3:00 PM

## FOR 1 YEAR EEE STUDENTS

### HIGH PACKAGE PLACEMENT

DATE: 28 FEB 2025



Workshops - Career Learning & Job Satisfaction

Students receive guidance on how to identify and apply for high package jobs, including resume writing and interview techniques.

### PLACEMENT

DATE: 28 FEB 2025



Students receive guidance on how to identify and apply for jobs, including resume writing and interview techniques.

### TITANIC SESSION

DATE: 28 FEB 2025



Students receive guidance on how to identify and apply for jobs, including resume writing and interview techniques.

24/02/25 - MONDAY - 01:30 PM TO 3:00 PM

## FOR 1 YEAR CYBER SECURITY

### HIGH PACKAGE PLACEMENT



DATE: 28 FEB 2025 TIME: 1:30 PM TO 3:00 PM



DATE: 28 FEB 2025 TIME: 1:30 PM TO 3:00 PM



DATE: 28 FEB 2025 TIME: 1:30 PM TO 3:00 PM

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## FOR 1 YEAR EEE STUDENTS

### HIGH PACKAGE

Students receive guidance on how to identify and apply for high package jobs, including resume writing and interview techniques.

DATE: 28 FEB 2025 TIME: 1:30 PM TO 3:00 PM



### HIGH PACKAGE

Students receive guidance on how to identify and apply for high package jobs, including resume writing and interview techniques.

DATE: 28 FEB 2025 TIME: 1:30 PM TO 3:00 PM



### PLACEMENT

Students receive guidance on how to identify and apply for jobs, including resume writing and interview techniques.

DATE: 28 FEB 2025 TIME: 1:30 PM TO 3:00 PM



### SLOW LEARNERS AND COMMUNICATION

Workshops - Career Learning & Job Satisfaction

DATE: 28 FEB 2025 TIME: 1:30 PM TO 3:00 PM



24 Feb 2025

## CLUB ACTIVITIES

St. Joseph's College of Engineering organized College-Level Club Activities for students, providing opportunities to engage in technical, cultural, and extracurricular activities, fostering skill development, teamwork, and creativity beyond academics. The event was held on February 6 and 22, 2025, from 1:45 PM to 5:00 PM.

The Department of Science played a key role in organizing three distinct clubs:

- **Science Club** - Focused on scientific exploration, experiments, and discussions to encourage curiosity and innovation among students.
- **Music Club** - Provided a platform for students passionate about music to showcase their talent and collaborate with peers.
- **Dance Club** - Created a space for students to express themselves through dance, enhancing their artistic and performance skills.

This initiative aimed to help students discover their interests, develop new talents, and build a sense of community within the college.

St. Joseph's College of Engineering College Level Club Activities - 02.06.2025		
1 YEAR		
Sl. No.	Name of Club	NO. OF STUDENTS
1.	SCIENCE CLUB	10
2.	MUSIC CLUB	15
3.	DANCE CLUB	12
4.	ARTS CLUB	10
5.	DEBATE CLUB	8
6.	SPORTS CLUB	15
7.	YOGA CLUB	10
8.	ROBOTICS CLUB	12
9.	CHESS CLUB	8
10.	TABLE TENNIS CLUB	10
11.	NETBALL CLUB	12
12.	BADMINTON CLUB	10
13.	TABLE TENNIS CLUB	10
14.	NETBALL CLUB	12
15.	BADMINTON CLUB	10
16.	TABLE TENNIS CLUB	10
17.	NETBALL CLUB	12
18.	BADMINTON CLUB	10
19.	TABLE TENNIS CLUB	10
20.	NETBALL CLUB	12
21.	BADMINTON CLUB	10
22.	TABLE TENNIS CLUB	10
23.	NETBALL CLUB	12
24.	BADMINTON CLUB	10
25.	TABLE TENNIS CLUB	10
26.	NETBALL CLUB	12
27.	BADMINTON CLUB	10
28.	TABLE TENNIS CLUB	10
29.	NETBALL CLUB	12
30.	BADMINTON CLUB	10
31.	TABLE TENNIS CLUB	10
32.	NETBALL CLUB	12
33.	BADMINTON CLUB	10
34.	TABLE TENNIS CLUB	10
35.	NETBALL CLUB	12
36.	BADMINTON CLUB	10
37.	TABLE TENNIS CLUB	10
38.	NETBALL CLUB	12
39.	BADMINTON CLUB	10
40.	TABLE TENNIS CLUB	10
41.	NETBALL CLUB	12
42.	BADMINTON CLUB	10
43.	TABLE TENNIS CLUB	10
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96.	BADMINTON CLUB	10
97.	TABLE TENNIS CLUB	10
98.	NETBALL CLUB	12
99.	BADMINTON CLUB	10
100.	TABLE TENNIS CLUB	10

### HIGHLIGHTS OF CLUB ACTIVITIES FOR FIRST-YEAR STUDENTS ON FEBRUARY 6, 2025.



## HIGHLIGHTS OF CLUB ACTIVITIES FOR SECOND-YEAR STUDENTS ON FEBRUARY 22, 2025.

### CLUB ACTIVITIES WINNERS LIST (22-02-2025)

Name of the Club: Medical Insuliners club

S. No	NAME	1 <sup>ST</sup> PRIZE	2 <sup>ND</sup> PRIZE	3 <sup>RD</sup> PRIZE
		NAME OF THE STUDENT	NAME OF THE STUDENT	NAME OF THE STUDENT
1	BEST GROUP	SAJITHA SURESH K (2025)	SHANMUKA K (2025)	SHRUTHI (2024) & S (2025)

### CLUB ACTIVITIES WINNERS LIST (22-02-2025)

Name of the Club: Zebra club

S. No	NAME	1 <sup>ST</sup> PRIZE	2 <sup>ND</sup> PRIZE	3 <sup>RD</sup> PRIZE
		NAME OF THE STUDENT	NAME OF THE STUDENT	NAME OF THE STUDENT
1	BEST PAIR	SHREYAS K - 2024 SRIKANTH S - 2024 SRIKANTH S - 2025	ANURAG S - 2024 SRIKANTH S - 2024 SRIKANTH S - 2025	SHRUTHI S - 2024 & S - 2025 SRIKANTH S - 2025

### CLUB ACTIVITIES WINNERS LIST (20-02-2025)

Name of the Club: Science club

S. No	NAME	1 <sup>ST</sup> PRIZE	2 <sup>ND</sup> PRIZE
		NAME OF THE STUDENT	NAME OF THE STUDENT
1	BEST PROJECT	S.A. TRIPATHI (2025) SUDHYA S (2025)	S.R. SURESH (2025) S. SURESH (2025)

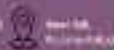


## ALUMNI TALK



Mr. ARCKIA PRAVEEN

IT Alumnae  
2016-2020 Batch  
CEO of Phoenix AI,  
Chennai



The Department of Science hosted an Alumni Talk on "Discovering the Potential of Interdisciplinary AI," led by Mr. Arckia Praveen, an IT alumnae (2016-2020 Batch) and CEO of Phoenix AI, Chennai.

Held on 26th February 2025 at 10:00 AM in Hazel Hall, Placement Block, the session was exclusively designed for first-year ADS and Cyber Security Engineering students. It focused on the diverse applications of Artificial Intelligence across multiple disciplines, offering students valuable insights into AI's interdisciplinary potential and the career opportunities it presents in emerging tech fields.

## DEPARTMENT OF SCIENCE

ORGANIZED

## ALUMNI TALK



DISCOVERING THE POTENTIAL OF INTERDISCIPLINARY AI



26/02/25  
10:00 - 11:00 AM

Mr. Arckia Praveen  
2016 - 2020 BATCH  
CEO OF PHOENIX AI,  
CHENNAI



HAZEL HALL, PLACEMENT BLOCK

Mr. Eneeyan Nanmaran

IT Alumnae  
2016 - 2020  
Senior Data Analyst, Verizon,  
Chennai



The Department of Science organized an Alumni Talk titled "Beyond the Code: Hackathon Success" for first-year AME students. The session was led by Mr. Eneeyan Nanmaran, an IT alumnae (2016-2020) and Senior Data Analyst at Verizon, Chennai.

Held on 27th February 2025, from 10:00 AM to 11:00 AM at Hazel Hall, Placement Block, the event aimed to provide valuable insights into hackathon strategies and success beyond coding. It helped students grasp the essential skills needed to excel in competitive tech events. The session featured interactive discussions and knowledge sharing, enhancing students' technical proficiency and problem-solving abilities.



## DEPARTMENT OF SCIENCE

ORGANIZED

## ALUMNI TALK

ON

"BEYOND THE CODE: HACKATHON SUCCESS"



Dr. Eneeyan Nanmaran  
2016 - 2020  
Senior Data Analyst,  
Verizon



27/02/25  
10:00 - 11:00 AM



HAZEL HALL,  
PLACEMENT BLOCK

## STAFF ACHIEVEMENTS

## PUBLICATIONS



**Dr. P. Saravanan**, Head & Associate Professor from the Department of Science, has authored a research article titled "Panoramic Advancement of Digital Marketing: Impact of Personalized Promotion Factors on Consumer Purchase Intention Concerning Food Delivery Apps." This article was published in the Journal of Informatics Education and Research (ISSN: 1526-4726), 4o

**Dr. P. Saravanan**, Head & Associate Professor from the Department of Science, has published a research article titled "Business Intelligence and Data Analytics" in the Conference Proceedings of IIDA: International Conference on Business Intelligence and Data Analytics, published by Springer in February 2025. The article is available at <https://doi.org/10.1007/978-981-97-7717-6>.



**Dr. W. B. Rajagopalan**, Associate Professor in the Department of Science, has authored multiple research articles in esteemed journals:

1. "Synthesis, Experimental and Computational Approach to Optical, Electronic, and Structural Studies of N-acetyl L-alanine Crystal," published in The European Physical Journal B in February. Available at <https://doi.org/10.1140/epjb/s10051-025-00673-x>.
2. "Crystal Structure, Optical, Dielectric, and Impedance Analyses of a New Organic-Inorganic Hybrid Crystal: 4-Aminopyridinium Nitrate," published in Applied Physics A on February 11, 2025 (Volume 131, Article 188).
3. "Mechanism of Thermal Radiation, Seebeck-Dufour on Ferromagnetic Hybrid Nanofluid Through a Permeable Surface," co-authored and published in Case Studies in Thermal Engineering (2025).



RESEARCH



## STAFF ACHIEVEMENTS

## PUBLICATIONS



**Dr. K. Jayamoorthy**, Associate Professor in the Department of Science, has authored two research articles. The first, titled "Structural Elucidation and Computational Studies of Novel Bidentate Organometallic Complexes of 2-Thiophene Carboxylic Acid with Ethyl-2-Amino Acetate," was published in the Journal of Molecular Structure (Volume 1334, 2025). The second article, "Nano Silica as a Catalyst for Efficient and Green Synthesis of Imidazole Derivatives: Exploring Catalytic, Photophysical, and Nonlinear Optical Properties," was published in the journal Silicon on February 16, 2025.



**Dr. K. Jayamoorthy**, Associate Professor in the Department of Science, has reviewed eight research articles in February across various reputed journals, including:

1. Results in Chemistry
2. Scientific Reports
3. Journal of Molecular Structure (2 articles)
4. Current Organic Chemistry (2 articles)
5. Journal of Photochemistry & Photobiology, A: Chemistry (2 articles)



**Dr. B. Subash**, Associate Professor from the Department of Science, has published a research article titled "High-Performance Photocatalytic and Antibacterial Properties of WO<sub>3</sub>/ZnO Honeycomb Structures: Synthesis and Mechanistic Insights" in the Journal of the Iranian Chemical Society. The article was published in February 2025 and is available at <https://doi.org/10.1007/113738-025-03190-3>.



## STAFF ACHIEVEMENTS

## PUBLICATIONS

**Dr. Uma Devi A.**, Assistant Professor in the Department of Science, has authored a book chapter titled "Career Switching and Moon Jobs for Unlocking Potential in Multinational Environments," featured as Chapter 13. This chapter was published by IGI Global Scientific Publishing with the DOI: 10.4018/979-0-3693-4163-6.ch013.

Additionally, Dr. Uma Devi A has published a research patent titled "High-Efficiency Thermoelectric Converter for Medical and Industrial Energy Harvesting Applications," which was officially published on February 14, 2025.



**Dr. S. Manikandan**, an Assistant Professor in the Department of Science, has published a research patent titled "Innovative Methods for Utilizing Bismuth Ferrite Nanoparticles in Functional Nanochannels for Various Applications," which was published on February 26, 2025.



**Dr. S. M. Prakash**, Assistant Professor in the Department of Science, has authored the book "Introduction to Nanotechnology: Concepts and Applications" (First Edition). This book was published by Addition Publishing House in February, with the ISBN 9 789364 221412.



## STAFF ACHIEVEMENTS

## CERTIFICATIONS &amp; HONORS

**Dr. P. Saravanan**, Head & Associate Professor in the Department of Chemistry at St. Joseph's College of Engineering, Chennai, Tamil Nadu, received a Certificate of Recognition for his valuable presence and contribution as a Conference Chair at the Second International Conference on Futuristic Trends in Science, Engineering, and Management (ICFTSEM-II) – 2025.

The conference was jointly organized by the Department of Business Administration, St. Xavier's College of Management & Technology (SXCMT), Patna, India, and Global Conference Hub, Coimbatore, Tamil Nadu, India, and took place on February 27th & 28th, 2025.



**Dr. Chandrasatheesh C**, Assistant Professor from the Department of Science, successfully completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on "Empowering Educators: Advancements in Artificial Intelligence and Its Applications in Computer Science" at Sri Mittapalli College of Engineering from February 10, 2025, to February 15, 2025.



## STAFF ACHIEVEMENTS

## CERTIFICATIONS &amp; HONORS

**Dr. K. Jayasorthy**, Associate Professor from the Department of Science, received an honorarium of GBP 200 (approximately ₹21,000) as a reward for reviewing a special issue proposal for a journal.

**Dr. K. Jayasorthy**, Associate Professor from the Department of Science, has been recognized as a Doctoral Committee (DC) member for Ms. Baby Gowri C's Ph.D. program at the Centre for Research, Anna University, under the guidance of Dr. V. T. Geetha from the Department of Chemistry, Sri Sai Ram Engineering College.

**Dr. P. Kaliban**, Associate Professor from the Department of Science, has been recognized as a Doctoral Committee (DC) member for Mr. Ebenezer K's Ph.D. program at the Centre for Research, Anna University, under the guidance of Dr. S. Suresh from the Department of Physics, Saveetha Engineering College (Autonomous) Chennai - 602105.

**Dr. N. R. Rajagopalan**, Associate Professor in the Department of Science, received a consultancy honorarium of ₹5,250 from IIT Madras for his contribution to the NPTEL Translation Project. His work involved translating content for the course "Appreciating Linguistics: A Typological Approach" (Course ID: 109106159)

**Dr. S. M. Prakash**, Assistant Professor in the Department of Science, received a consultancy honorarium of ₹22,700 from IIT Madras for his contribution to the NPTEL Translation Project. His work involved translating content for the courses Environmental Quality Monitoring & Analysis (Course ID: 102106162), Introduction to Mechanobiology (Course ID: 102101058), and Computational Systems Biology (Course ID: 102105068) in the month of February.



## STAFF ACHIEVEMENTS

## CERTIFICATIONS &amp; HONORS

Dr. P. Saravanan, Dr. J. Sharmila, Dr. P. Krishnan, Dr. Uma Devi A, Dr. E. Sarath, and Dr. C. Sankumar, faculty members from the Department of Science, have successfully attended the One Week National Level Faculty Development Program on AI Tools organized by St. Joseph's College of Engineering, in collaboration with Brainovision Solutions India Pvt Ltd and the All India Council for Technical Education (AICTE), held from 17th to 21st February 2025.



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