

Excelsior

St. JOSEPH'S COLLEGE OF ENGINEERING - WEEKLY NEWSLETTER

MERRY Christmas



St. JOSEPH'S

COLLEGE OF ENGINEERING
(An Autonomous Institution)

St. JOSEPH'S GROUP OF INSTITUTIONS

OMR, CHENNAI - 119



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ABOUT THE COLLEGE

- St. Joseph's College of Engineering is having **30 years of successful academic reputation** offering 11 UG programs and 3 PG programs with a current intake of more than **1750 students** per year.
- Since inception, our Institution is consistently placed among the **Top 10 institutions** in terms of number of ranks. So far **1553 ranks** including **57 Gold medals** and **56 Silver medals** have been secured by students. The college has been in **1st Place** for 4 times in terms of fetching highest numbers of Anna University ranks.
- The College is continuously being ranked by in National Institutional Ranking Framework (**NIRF**) since 2017 and ranked in '101 – 150 band' at National Institutional Ranking Framework under Innovation category (**NIRF- Innovation 2023**).
- Accredited with **A+ grade** by securing 3.46 on a scale of 4.00 by National Assessment and Accreditation Council (**NAAC**).
- 10 departments have been recognized as '**Research Centers**' by Anna University to pursue Ph.D. and also recognized as 'Scientific and Industrial Research Organization' (SIRO) since 2014 by **DSIR**, Government of India.
- Our institution has received **2nd Rank in Performers band of NSIIR 2023** (National Sustainability Impact Institutions Ranking) organized by NITI AAYOG & ATAL Innovation Mission for our initiatives in support **United Nation's Sustainable Development Goals**.
- Our research publications have resulted in fetching **Scopus h-index 67** and **Web of Science h-index 59** for our institution.
- Our institution is the recognized 'Linguaskill Centre' for **Cambridge English Assessment** in India & one among **25 South Asia Best Preparatory Centers** for **Business English Certification (BEC)**.
- So far 57 Sponsored Research Projects to the value of **Rs. 5.04 Crores** and 48 Faculty Training Programs with a grant of **Rs.71.51 lakhs** and **FIST grant of Rs.71 Lakhs** were received from AICTE, NRB, DST, SERB, DBT, NRDMS, ISRO, TNSCST & Anna University etc.
- **INAE Innovative Project Awards** (21 Projects) were bagged by our students for their innovative projects.



ABOUT THE COLLEGE

- Our Institution is selected under the National level **"Unnat Bharath Aayan Programme"** by MHRD Government of India and Skill and Personality Development program Centre (SPDP) for SC/ST by AICTE, and received a grant of Rs.17 lakhs grant under **PMKVY program**.
- Won First **AICTE-ECI Chhatra Vishwakarma award** in 2017 as a Best Institute at National level.
- Won 1st position in **"Utkrisht Sansthan Vishwakarma Award"**, 2020 by AICTE in association with Ministry of Human Resource and Development (MHRD).
- Secured **AICTE-Lilavati Awards** in 2021 and 2022: Winner under the stream of Women Security, Runner under Hygiene and Sanitation themes in 2021 and Runner in Women Empowerment 2022.
- College has secured 4star rating for the activities carried out in the campus by **Institution's Innovation Council (IIC)**. In 2023 the college has received 4 project grants worth of **Rs.56 Lakhs** for **Business incubation** by **MSME, MOE, & Government of India**
- Consistently our students are securing winning positions in National Level Innovative idea competitions such as **AICTE Smart India Hackathon** in Hardware and software, **Toycathon, Mapathon** etc.
- We have Secured 58th Rank by **Internshala Annual Ranking 2023** and our Institution is consistently awarded **"National Employability Award"** every year since 2017 by **Aspiring Minds**.
- Our college is recognized as **India's Best Engineering Institute 2023** with AAAA rating by **Careers 360** organization.
- Our Institution is listed in **India Book of Records** for hosting National Level FDP on Cloud Infrastructure organized by **BRAIN O VISION**, and supported by **AICTE, Ministry of Education, Govt. of India**.



CHRISTMAS

CELEBRATIONS

@ St. JOSEPH'S GARDEN SCHOOL



CHRISTMAS CELEBRATIONS



CHRISTMAS CELEBRATIONS

@ HOSTELS





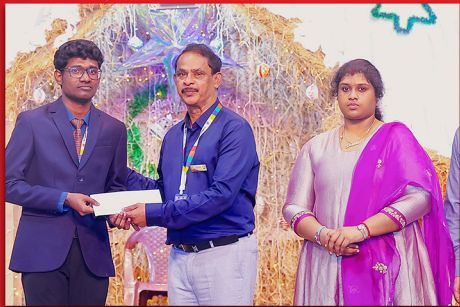
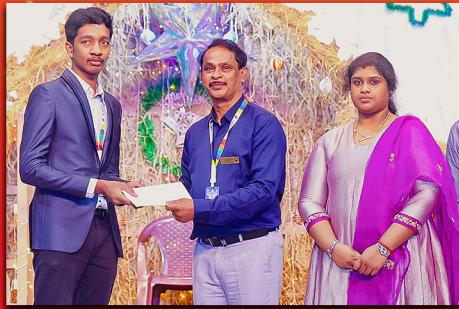
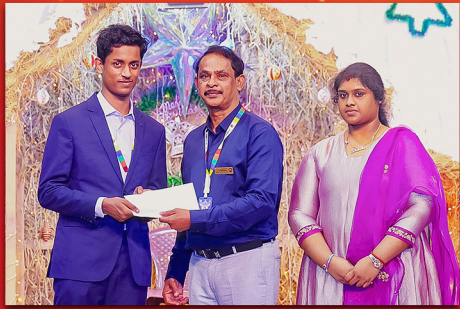
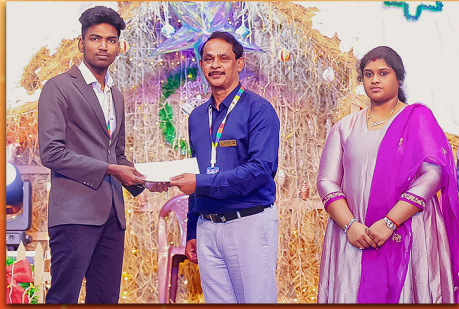
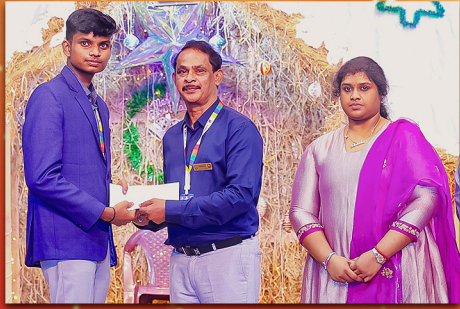
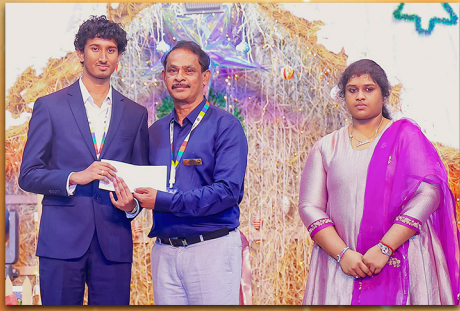
ALUMNI ASSOCIATION MEET 21st DEC



Induction of Alumni Association Committee Members



Student Rewards - Rs. 10,000/- each



HIGHEST OFFER
Rs. 47 LAKH
PER ANNUM



**DISTRIBUTION OF STUDENT REWARDS TO 16 STUDENTS
PLACED WITH OFFERS MORE THAN Rs. 20 LPA**



GUEST LECTURES

Department of computer science and engineering organized Guest Lecture on 11.12.2024 at "AI in project Management" by "Ms. D. Mohana Priya, Portfolio Manager, Citi bank, Singappre" for pre-final year students , batch 2022 to 2026



On December 18, 2024, Dr. Anandalakshmi, Associate Professor in the Department of Chemical Engineering at IIT Guwahati, delivered a guest lecture organized by the Department of Chemical Engineering. The lecture focused on the topic "Thermal Engineering Applications in Building Thermal Comfort, Food Processing, and Renewable Energy Utilization."



Dr. Anandalakshmi
Associate Professor
Department of Chemical Engineering
IIT Guwahti





OCEAN TECH EXPLORATION AT NIOT

Unlocking Ocean Engineering: 3rd and 4th-year IEEE members from the department of ECE gained valuable knowledge and practical experience at the "National Institute of Ocean Technology (NIOT)" workshop on December 19th in Chennai. This insightful event at NIOT, Pallikaranai, equipped students with a deeper understanding of ocean technology and its vital role in modern engineering."



INDUSTRY INSTITUTE INTERACTION

Dr Jawahar rani ,Dr Lekshmi From MBA Department had productive meeting was held with Mr. Roshan, an accomplished alumnus from the 2011 batch and a successful entrepreneur. The discussion focused on exploring consultancy opportunities and collaborative projects to benefit students and enhance industry engagement.



INDUSTRY INSTITUTE INTERACTION

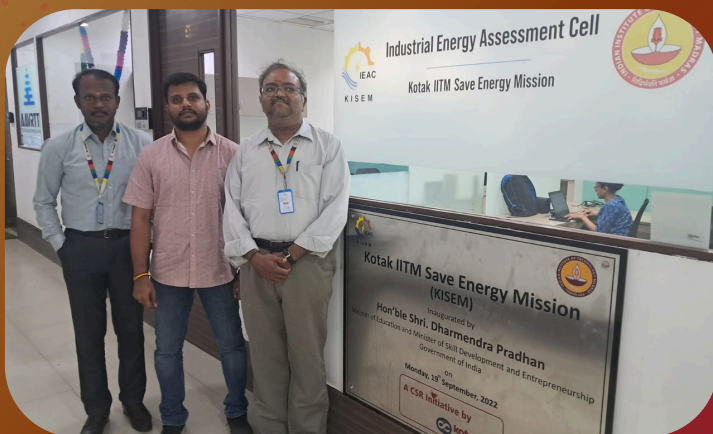


DR.VENMATHI M, MR.A.SADEESHKUMAR, MR.BALASUBRAMANIAN V STAFF FROM DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING HAVE ATTENDED IGEN INDUSTRY CHALLENGE MEET 2024-"FINDING SOLUTIONS FOR INDUSTRY-DEFINED PROBLEMS".

on

DATE: 14/12/2024 & 15/12/2024

VENUE: ROSETTE CONVENTION CENTRE, ANNA UNIVERSITY, CHENNAI



Dr. M. Ramesh Babu, Prof/EEE & Dr. T. D. Sudhakar, Prof/EEE have visited the premises of Industrial Energy Assessment Cell, IITM, Chennai on 17/12/2024.

Points discussed during Visit:

- To sign MoU with our institution.
- Placement and Internship.
- Value added courses



Industry Interaction



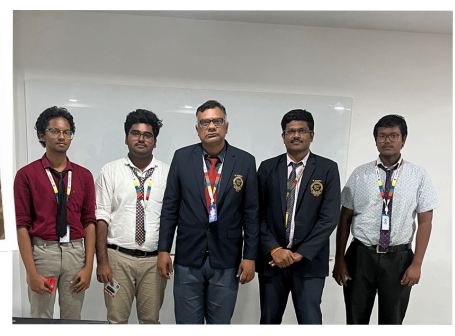
Dr.B.Senthil Kumar, Associate Professor from the department of Electronics and Instrumentation Engineering have visited Enthu Technology Solutions India Pvt Ltd, Chennai on 19/12/2024 and interacted with Mr. P.Gowrisankar, Director. Discussion was made for Student Internship, Industrial Visit and Placement.

STUDENT CHAPTER ACTIVITIES

On 21 December 2024 department of Electronics and Instrumentation Engineering in association with ISA Student Chapter successfully conducted a Technical quiz event, titled "ElectroQuest" - Igniting Curiosity in Automation and Electrical Engineering. In this event III EIE students were participated.



STUDENT CHAPTER ACTIVITIES



IEI WORKSHOP

Department of Mechanical Engineering jointly with Institute of Engineers student chapter organizes a one day Hands on training for IEI student chapter members entitled. "From Concept to Reality- 3D Functional Modeling in Fusion 360" on 18/12/2024. 21 students from third year mechanical participated and created their own animated model using Fusion 360 Software.

S.No	Event winners	Position	Membership Number
1	SUBASRIRAM R	First	600119/SJCE/MC/00049
2	VISHWA P	Second	600119/SJCE/MC/00054
3	PALANI BHARATHI V	Third	600119/SJCE/MC/00043



STUDENT CHAPTER ACTIVITIES



ASSOCIATION OF COMPUTING MACHINERY

The St. Joseph's College of Engineering recently celebrated a momentous occasion with the inaugural ceremony of its ACM Student Chapter on 16 th December 2024, organized by the esteemed Department of Computer Science and Engineering. This landmark event, graced by Mr. Venkatesh Sarangan who serves in the firm Tata Consultancy Services as the chief scientist being the esteemed chief guest alongside student representatives from the College of Engineering, Guindy (CEG), served as a beacon of inspiration for aspiring technologists.



STUDENT CHAPTER ACTIVITIES

SUMMIT - ACM

The ACM Student Chapter, Department of Computer Science and Engineering, St. Joseph's College of Engineering recently embarked on an enriching journey by attending the annual ACM India Chapter Summit in Bengaluru on the 20th and 21st December 2024. This prestigious event, co-hosted by BMSCE College and RVCE College, focused on the critical theme of "Sustainable Computing."

This year's summit served as a melting pot for aspiring technologists from across the nation, providing a platform to explore innovative solutions for a greener future. Our office bearers, Dr.R.Hemalatha (Chairperson-Professional chapter), Dr. B. Uma Maheswari (Faculty Sponsor), Shrinidhi C (Chairperson), Vidhyut N Rathi (Vice Chairperson) had the unique opportunity to connect with fellow enthusiasts, exchange ideas, and expand their professional networks.



ALUMNI TALK



Mr. Mahares, a 2006-2010 alumnus of ECE Department, shared an inspiring story of overcoming adversity. He highlighted the value of viewing setbacks as stepping stones and learning from mistakes, essential skills that guided him through career obstacles. These lessons ultimately propelled him to his current position at Adidas, a global leader in the sportswear industry.

On December 19, 2024, Mr. Josepan Raja, an esteemed alumnus of the 2020-2024 batch of Chemical Engineering, delivered an engaging session for the third and fourth-year students of the Department of Chemical Engineering on the topic "Career Pathways in Chemical Engineering."

The Department of MBA proudly welcomes our esteemed alumna from the 1998-2000 batch for an inspiring Alumni Talk. With her vast industry experience and entrepreneurial journey, she will share valuable insights on opportunities for MBA graduates and the evolving expectations of the tech industry.

T. Kannan AVP - WELLS FARGO (2013-2015 batch) is selected as the Secretary of St. JOSEPH'S COLLEGE OF ENGINEERING ALUMNI ASSOCIATION.



Staff Achievements

1 Ramachandra Reddy K," Enhancing earth target classification in hyperspectral imagery using graph convolutional neural networks and graph-regularized sparse coding", Remote Sensing Applications: Society and Environment, Vol.37, Jan 2025

2 Ms.Jayabharathi P from Department of computer science and engineering has presented the research paper titled "Real time Human Assault prediction using Human behavior recognition",in the IEEE Technical Sponsored 4th International Conference on Innovative Computing, Intelligent Communication, and Smart Electrical Systems (ICSES 2024), held at the St.Joseph's Institute of Technology, Chennai during 12th - 13th December 2024.

3 *Ms.M.R.Archana Jenis* from Department of computer science and engineering participated in the six-days AICTE-ATAL FDP on "AI in IoT: Enhancing the Power of Smart Gadgets," organized by the Department of Artificial Intelligence and Data Science, Agni College of Technology, from December 16 to 21, 2024.

4 Mr. S. Niresh Kumar from Department of computer science and engineering has published Indian Patent on 13/12//2024 in the title called "Method for Efficient Marketing Strategy in E-Commerce Using Big Data Analytics"

5 *Ms.M.R.Archana Jenis* from Department of computer science and engineering has presented the research paper titled *"Enhancing Multi-Object Detection Systems: Cutting-Edge Techniques of Implementation Strategies, and Performance Optimization"*,in the IEEE Technical Sponsored 4th International Conference on Innovative Computing, Intelligent Communication, and Smart Electrical Systems (ICSES 2024), held at the St.Joseph's Institute of Technology, Chennai during 12th - 13th December 2024.

6 Mr. M. Subramanian, Assistant Professor from Department of Mechanical Engineering has published a paper titled "An optimized Phishing Detection Model Using Hybrid Feature Selection and a Fine-Tuned Narrow Neural Network with Dynamic Jaya Optimization to Overcome Cyberthreats" in Engineering Research Express Journal - WoS indexed - DOI 10.1088/2631-8695/ada1a4

7 Mr. M. Siva and Mr. N. Sathish Kumar, Assistant Professors from Department of Mechanical Engineering completed a six Months QIP program on 3D Printing in IIT, Palakkad July 2024 to Dec 2024. .

8 Dr. J. Sharmila, an Assistant Professor in the Department of Science, published a research patent on December 13, 2024, titled "Integrated System for Urban Flood Mitigation Utilizing Multi-functional Storage Spaces, Advanced Sewer Overflow Solutions, and a Low-Impact Development Strategy."

9 Ms. Subalya S, Assistant Professor in Management at St. Joseph's College of Engineering, successfully completed a training program on "Concept to Creation: Design Thinking and Product Development for Aspiring Innovators" at NITTTR Chennai.

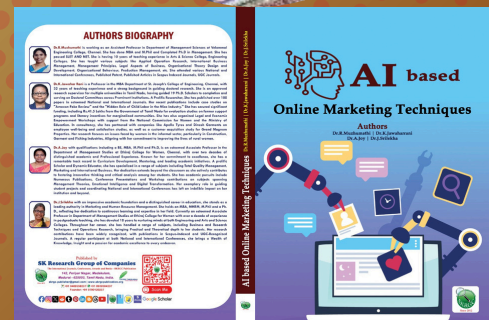


Staff Achievements

Dr. Jawahara Rani and Mr. David from the Department of MBA participated in the prestigious CII Finnovation Summit, a premier event focused on financial innovation and emerging trends. They had the opportunity to engage with industry experts, gaining valuable insights into cutting-edge financial practices and technological advancements



Dr. K. Jawahar Rani from the MBA Department has co-authored a groundbreaking book titled "AI-Based Online Marketing Techniques", along with Dr. R. Muzhumathi, Dr. A. Joy, and Dr. J. Srilekha. This book delves into the integration of artificial intelligence in modern marketing strategies, offering valuable insights for students, researchers, and professionals. It stands as a testament to her dedication to academic excellence and research innovation.



We are proud to announce that Dr. R. Kotteeswaran, from the EIE Department, has successfully completed the "AICTE QIP PG Certificate Program in Artificial Intelligence and Data Science", conducted by IIIT Kottayam from July 2024 to December 2024. Achieving a commendable 3rd position among 75 participants from renowned Engineering Colleges across India.



Student Achievements



Ms. Janane K S from Department of Biotechnology ha Received best student award for best mini presentation in a conference held at 18 December 2024 conducted by madurai kamarajar university in association with microbiologist society India.

Department of computer science and engineering, whole heartedly congratulate, "Mr Tharun.C" student from batch 2022-2026 have got Internship offer at "TANSAM" for Role of product Designer with the a month Duration .we sincerely appreciate his hardwork and dedication.



Mr. S. Tanveer Ahmed, Third Year Mechanical Student has been selected as Intern in BRAKES INDIA LIMITED, PADI from 16/12/2024 to 27/12/2024

Mr. V. Palani Bharathi, Third Year Mechanical Student has been selected as Intern in ASHOK LEYLAND, HOSUR from 22/12/2024 to 21/01/2025

