

Excelsior

St. JOSEPH'S COLLEGE OF ENGINEERING - WEEKLY NEWSLETTER

Rs. 1.87

C R O R E



STUDENTS REWARDS

DISTRIBUTED TO **1118** STUDENTS

ACADEMIC YEAR **2023-24**

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.



"INNOVATE, EXCEL AND SUCCEED"
PLACEMENTS
BATCH **2023-25**



CTC
Rs. 6.75
PER ANNUM **LAKH**



TAMIL SELVAN K
DEPARTMENT OF MBA



SHANMUGA PRABHU R
DEPARTMENT OF MBA

PLACEMENT NEWS

"Driving your career for the better"

PLACEMENTS

BATCH **2021-25**

85 STUDENTS



CTC
Rs. 4
LAKH
PER ANNUM





TREE PLANTATION EVENT

The ministry of Environment ,forest & climate change conducted the "campaign launched by honourable prime minister "in this campaign St.Joseph's College of Engineering ,Principal and Dean's and more than 150 EEE students participated in a campus tree plantation drive on 17th September 2024 .



WORKSHOP



DEPARTMENT OF EEE In Association With IEEE St.JOSEPH'S COLLEGE OF ENGINEERING STUDENT BRANCH CHAPTER (SBC60101) AND IEEE INDIA COUNCIL INDUSTRY ACADEMIA YOUNG PROFESSIONALS COMMITTEE AND THE INDIAN INTERNET FOUNDATION (IIFON) ORGANIZED "STANDARDS WORKSHOP HACKATHON" On September 18, 2024. The event brought together experts and participants to explore the importance of standards in key technology sectors, including Software & Systems Engineering, Network Governance & Management, Cybersecurity, and the Internet of Things (IoT).



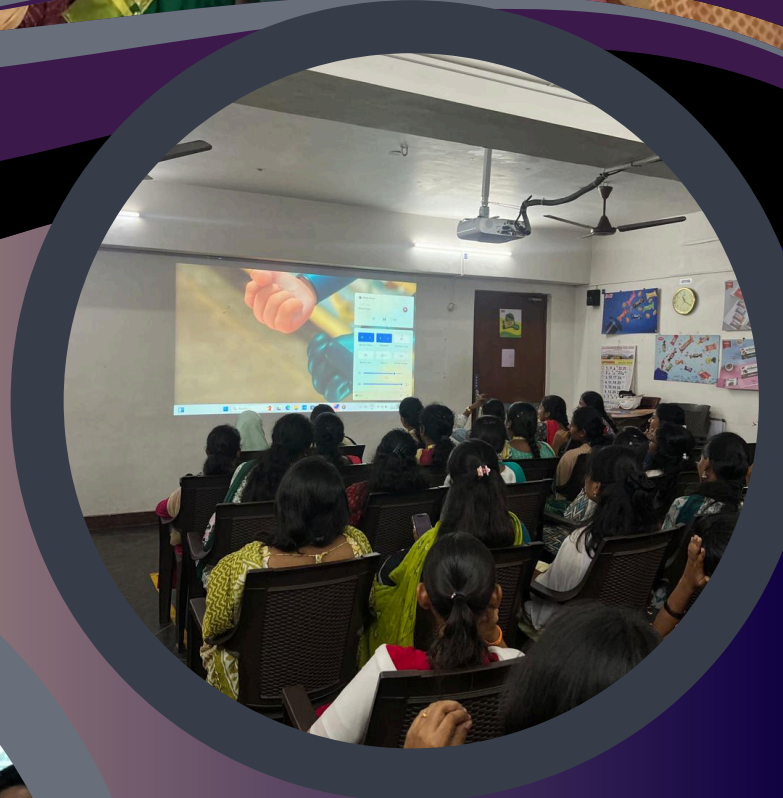
INDUSTRIAL VISIT



The II Year ECE students recently had an enriching industrial visit to the Air Traffic Management (ATM), Communication Navigation Surveillance (CNS), and Airport Authority of India (AAI). This visit provided invaluable insights into the complex operations of the aviation industry. Students gained a deeper understanding of air traffic management, explored advanced technologies used in aviation, and learned about the critical role of safety protocols. The visit also offered valuable career guidance and networking opportunities with industry professionals, paving the way for future internships and job prospects.



INDUSTRIAL VISIT



II Year Biotechnology students has visited "Modern Bakers Pvt Ltd- Madhavaram" On 19/09/2024.

INDUSTRIAL VISIT

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The Department of MBA organized an industrial visit on 18th September 2024 to 'Thai Casting', Sriperumbudur. The students of second year integrated visited and gained practical insights into modern casting processes, industrial operations, and manufacturing techniques. The visit provided an opportunity to observe real-world applications of management principles, enhancing their understanding of supply chain management and production efficiency.



GUEST LECTURE



The Department of MBA organized a guest lecture on 18th September 2024 by Dr. S. Vasudevan, Co-Founder, ValuEast & Director Institute of Analytics. Dr. Vasudevan shared his expertise on the role of analytics in modern business decision-making, emphasizing its growing relevance across industries. The session provided students with valuable perspectives on data-driven strategies, enhancing their understanding of the subject.

GUEST LECTURE

The Department of MBA organized a guest lecture on 20th September 2024 by Mr. M. U. Balaji, District Co-ordinator - Entrepreneurship development and Innovation Institute. He discussed "Impact of Union budget on Business and Entrepreneurship" with the final-year MBA students, He emphasized the significance of government policies, tax reforms, and incentives in shaping the business environment and fostering innovation among entrepreneurs. The interactive discussion helped students understand the broader implications of fiscal decisions on business strategies and market dynamics.



On 18/09/2024, Department of Mechanical Engineering, Organized Guest Lecture for second year student, The team from *Garuda Aerospace Pvt Ltd* delivered a lecture on "Career Opportunities in Drone Technology."



INDUSTRY INTERACTION



On 20th September 2024, Dr. P.V. Renuka, Professor, and Dr. S. Sujatha, Assistant Professor from the Department of Chemical Engineering, visited Madras Pharma Pvt. Ltd., Chennai, for a strategic meeting with Mr. Venkad, Associate Vice President.

The discussion focused on fostering collaboration between the industry and the department through final year projects, internships, guest lectures, and industrial visits. This interaction aims to provide students with enhanced learning opportunities and practical exposure in the pharmaceutical sector.



VALUE ADDED COURSE



Cambridge University is conducting linguistic training for final year MBA students. This training is conducted for a duration of 6 days from 16th September' 2024 to 23rd September 2024 and aimed to enhance the communication of students. A specialization-specific training program for Operations students is being conducted by the Confederation of Indian Industry (CII) for final-year MBA students. This training is designed to provide in-depth knowledge and practical insights into the latest trends and best practices in operations management. Through expert sessions and interactive workshops, students will enhance their industry-relevant skills, preparing them for successful careers in operations. This initiative underscores the department's commitment to bridging the gap between academic learning and industry expectations.



STUDENT DEVELOPER CHAMPION SUMMIT



Mrs. M. Janani, Assistant Professor from the Department of Information Technology, and Mr. R. Krishnakumar, IT Alumni (Batch of 2024), as part of St. Joseph's College of Engineering's UI Path Team, proudly organized the world's first-ever Student Developer Champion (SDC) Summit. The event brought together SDCs from colleges across India, fostering collaboration and inspiration. Participants were united by a common goal: to motivate their peers and drive forward innovation in automation.

STUDENT CHAPTER ACTIVITIES



On 20 September 2024, Department of EEE in association with IEEE Women in Engineering Affinity Group of St. Joseph's College of Engineering organized a session titled "Rewire Your Minds: Unleash Your Potential with a Positive Mindset," featuring Ms. Padma Kumaran, a renowned mindset speaker, corporate trainer, motivational speaker, author, and certified IFC coach on career growth.. She had shared insights on the power of a positive mindset, focusing on how it can drive personal and professional growth. She emphasized techniques for overcoming self-doubt, setting clear goals, and fostering resilience in the face of challenges. **OUTCOME:** The session left students motivated and equipped with practical tools to harness their potential. As an outcome, students reported increased confidence in managing academic pressures and career planning, feeling more.



Department of EEE in association with IEEE Women in Engineering Affinity Group of St. Joseph's College of Engineering organized a session titled "Tips and Tricks to Win SIH 2024 on 19 September," featuring Ms. Jeyashri R, an Associate Software Engineer at Prodapt and SIH Winner 2022. Students reported increased confidence in tackling problem statements and working as a team. They gained a clearer understanding of the SIH format and felt better equipped to develop innovative solutions and manage their time effectively during the hackathon.



ALUMNI TALK



He has given insights on Job Opportunities & Challenges Of Electric Vehicles in India for the final and pre-final year students. Students have raised their doubts on various fields like designing and implementation of new technologies.



Sudharshan D
Deputy GM, Power System Solutions
Schneider Electric



Mr. Ram Prasad, an alumnus of the 2018-2022 batch from the Department of Chemical Engineering, St. Joseph's College of Engineering, and an M.Tech graduate from IIT Madras, shared valuable insights on GATE exam preparation in an alumni interaction session on 15th September 2024.

With a GATE score of 540, Mr. Prasad guided students in the "GATE Preparation - Phase II" program, organized by the department via Google Meet. His session focused on effective strategies, resource management, and personal experiences to help students excel in the highly competitive exam.

Department of Mathematics & English organized a Alumni talk for the first year IT students Mr. Enneyan, a consultant in Business Intelligence and Data Analytics at Verizon in Chennai, discussed the importance of preparing for future career opportunities. He emphasized several key points:



NGO

DEPARTMENT OF MBA



WEBBS MEMORIAL ORPHANAGE, ST. THOMAS MOUNT



LITTLE FLOCKS CHILDREN HOME, KODAMNAGALAM

Singaperumal Koil, Tamil Nadu, India
P3V3+7F7, Singaperumal Koil, Tamil Nadu 603209, India
Lat 12.743134°
Long 80.053501°
14/09/24 10:26 AM GMT +05:30



MARIA'S HOME FOR AGED IN ST. THOMAS MOUNT



DAZZLING STONE KUNDRATHUR

DEPARTMENT OF EEE



11 YEAR C SEC IV AT AMBATTUR AAVIN

Staff Achievements

1 Dr.R.Sivaranjane, Assistant Professor, Department of Chemical Engineering has Published a Paper "Advancements and environmental impact of hydrothermal processing of algal biomass" in Biomass Conversion and Biorefinery Journal with a Impact factor of 3.5

2 Dr.N.Magesh, Assistant Professor, Department of Chemical Engineering has published a Patent Titled "An IOT-Enabled High-Gain Antenna System for Enhanced 5G communication networks".

3 Dr.N.Venkatesh, Professor, Department of Chemical Engineering has published a Patent Titled "Importance of marketing research in enhancing the service level to manufacturing company".

4 Dr.G.Baskar from Department of Biotechnology has listed among top 2% Scientist in the world - 2024 by The Stanford University, USA and Elsevier BV Based on his Publications and Citation.

5 Mr. R Pravin, Full Time research scholar has Received 1.2 Lakhs as a International Travel Grant to his present research work at International Conference on Green Technology for sustainable environment (GTSE 2024) in Poznan University of Technology, Poland .

6 Dr. M. Chamundeeswari from Department of biotechnology has acted as board of studies member in Dhanalakshmi srinivasan engineering college for pharmaceutical engineering department on 12/09/2024.

7 Dr. T. Gavaskar, Assistant Professor from Mechanical Department Published a Patent Titled "Characterization and Fabrication Methods Curialia Fiber Reinforced Green Composites" Application no: 202441070058.

8 Mr. J. Mariyappan, Assistant Professor from Mechanical Department Published a Patent Titled "Advancement and Challenges in Additive Manufacturing of 3D Printed Polymer Composites: Materials, Processes and Future Directions." Application no: 202441069720.

9 Mr. R. Rangaraja, Assistant Professor from Mechancial Department Published a Patent Titled "Surface Treatement Groundnut Shell Powder Composites: Eco- Friendly Alternatives in Natural Fiber Reinforced Polymers." Application no: 202441069144.

Staff Achievements

8

Mr. Senthil Kumar D, Assistant Professor from the Department of Artificial Intelligence and Data Science has published a Patent on "SMART CITY WASTE MANAGEMENT SYSTEM USING IOT, MACHINE LEARNING AND WSN FOR SOLID WASTE ". Application No.202441056291 A

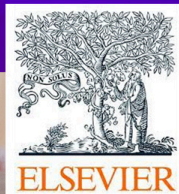


From the Department of computer science and engineering, Ms Shalini, Ms janani, Ms jenitha, Dr. Uma maheshwar, Dr Anita Rose , Ms Saranya, Ms Monochithra have activity participated in physical FDP program on "Digital and Critical thinking" which was conducted by "ICT Academy".

TOP 2% SCIENTISTS

IN THE WORLD - CAREER
by

THE STANFORD UNIVERSITY, USA
AND ELSEVIER BV



CONGRATS



Dr. G. Baskar

Professor,
Department of Biotechnology



Student Achievements



MBA students participated and won prizes in the Inter-college events conducted by MCC. Antro Sharon and Vijay from III year Integrated won first place in Business quiz and secured second place in potpourri. Vaikunda Mani and Vickey James are the winners of Business plan. Reshma Devi secured second place in Block and tackle. Savithaa from third integrated secured third place in block and tackle.



MBA students participated in VIT pitch masters and won first place. The management congratulates the winners

Two teams from the Department of Chemical Engineering shared the first prize in GreenHack'24, a national-level hackathon organized by Sri Siva Subramaniya Nadar College of Engineering on 19th and 20th September 2024.



The winning teams were awarded a cash prize of ₹9,000 each for their outstanding solutions to environmental challenges. Out of 44 teams, 12 teams from the Chemical Engineering Department of St. Joseph's College of Engineering participated, with two emerging as the top performers. Their innovative approaches to sustainable technology earned them top honors in this competitive event.





Student Achievements



Students from the Department of Chemical Engineering have made a mark at CHEMERSATZ'24, a national-level technical symposium organized by Hindustan College for Engineering and Technology, Coimbatore, on 20th September 2024. The event featured a range of competitive activities designed to test the academic and technical skills of students from across the country.

CUO Krishna AAK, a third-year Chemical Engineering student, has brought pride to the institution by securing a Bronze medal in the prestigious Judging Distance and Field Signal competition at the NCC Thal Sainik Camp 2024. This remarkable achievement highlights Krishna's exceptional skills in military precision and leadership. The NCC Thal Sainik Camp, held annually in New Delhi, is one of the most rigorous and competitive national-level camps conducted by the National Cadet Corps (NCC).



CUO . Krishna Aak
III - Chemical Engineering



NPTEL High Achievers: Twenty-eight second-year ECE students were honored for their outstanding performance on NPTEL courses. Each student received a reward of Rs. 2000 in recognition of their academic excellence and dedication to online learning.



Student Achievements



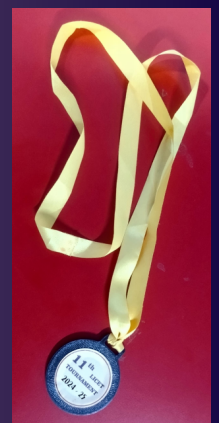
Ms. Sushma from Department of Biotechnology has participated and won runner up in badminton tournament conducted by Loyola ICAM College of Engineering and Technology on 11/09/2024 and 12/09/2024.

III Year Biotechnology students Ms.T.Ilakya, Ms.K L.Keerthana, Mr. Arunannamalai SB, have secured runner up in Biofluence Biohackathon held at Rishihood University, New Delhi on 14/09/2024.



From the Department of computer science and engineering, we proudly present students from batch 2022-2026, Harish balaji, Balasubramaniam, Arif fayaz khan won first place in "best manager" Individual event on "National level intercollegiate students" with the Cash prize "1000rs"

2023 - 2027 Batch, Mr DINESHKUMAR R, Second Year Student from the Department of Artificial Intelligence and Data Science has secured Third place in Boys Doubles in 11th LICET TOURNAMENT 2024 (LOYOLA-ICAM College of Engineering and Technology).





Student Achievements

TECHNICAL EVENT

UNMASKED INNOVATORS
@SAIRAM INSTITUTE OF TECHNOLOGY

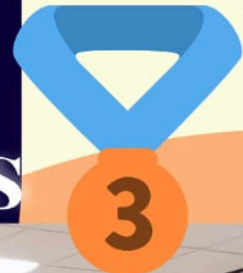


19th
September
2024

Congratulations!

DEPARTMENT OF SCIENCE

3rd PRIZE WINNERS



TEAM MEMBERS

RAKSHANA S
I YEAR CHEMICAL
WASELA FATHIMA K S
I YEAR CHEMICAL
DAYANA DEVI M
I YEAR CHEMICAL



The first-year students from the Chemical Department, Rakshana S, Waseela Fathima K S, and Dayana Devi M, have secured third place in the technical event symposium organized by Sairam Institute of Technology in Chennai. Their accomplishment reflects their dedication and hard work. We offer our heartfelt congratulations on this remarkable achievement



Student Achievements

Congratulations

Ms. Sakshi R

BATCH: 2022- 26 is selected as



Z - STUDENT AMBASSADOR

FOR 2024 - 25

Powered by - **YOUR
BIG
YEAR**

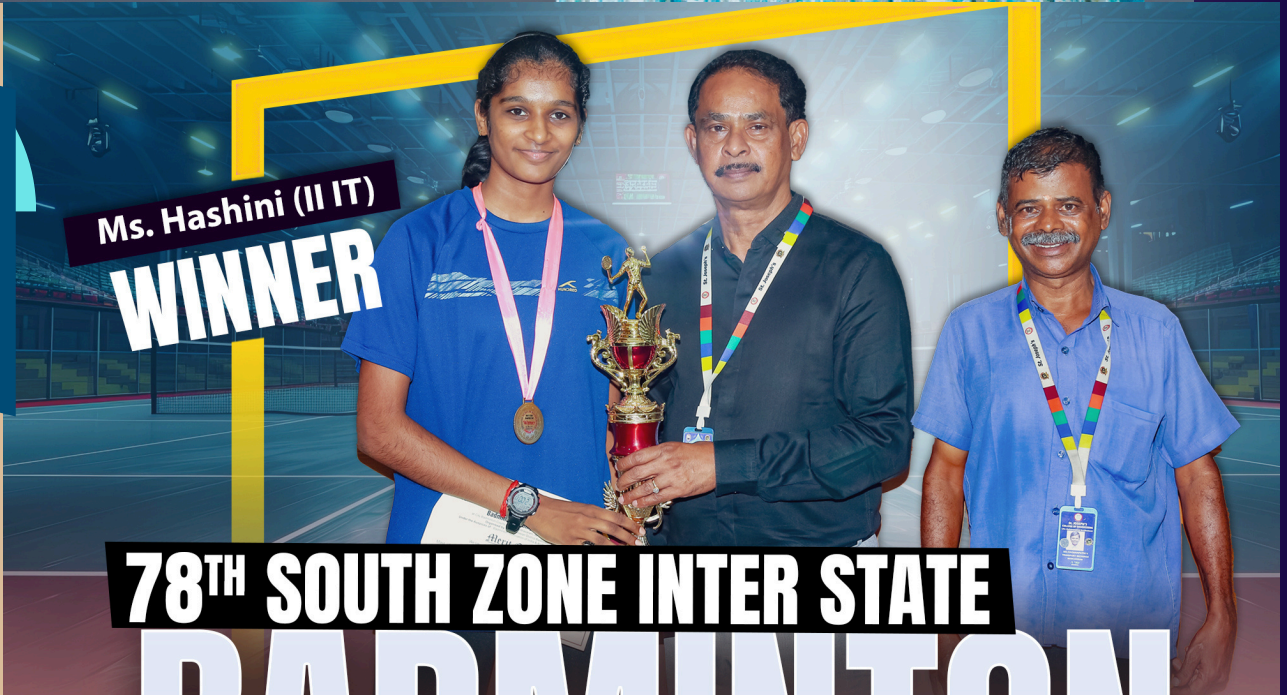


NEWS

SPORTS

Ms. Hashini (II IT)

WINNER



78TH SOUTH ZONE INTER STATE

BADMINTON

CHAMPIONSHIP - 2024