

Excelsior



St. JOSEPH'S COLLEGE OF ENGINEERING - WEEKLY NEWSLETTER

MEET THE STARS OF St. JOSEPH'S

PLACED IN TOP PRODUCT BASED COMPANIES



Ms. SARUMATHY P
DEPT OF CSE (BATCH - 2021-25)

Rs. 44 LAKH
CTC



Mr. VIGNESH E
DEPT OF CSE (BATCH - 2021-25)

Rs. 44 LAKH
CTC



Mr. SANGEETH E
DEPT OF CSE (BATCH - 2021-25)

Rs. 44 LAKH
CTC



Mr. ARUN KUMAR
DEPT OF ECE (BATCH - 2022-26)

Rs. 44 LAKH
CTC (ON CONVERSION)



Mr. JASWANTH J
DEPT OF CSE (BATCH - 2022-26)

Rs. 44 LAKH
CTC



Ms. LAYA H
DEPT OF IT (BATCH - 2021-25)

Rs. 27 LAKH
CTC




Mr. MICHAEL ARUL ABEL L
DEPT OF ECE (BATCH - 2021-25)

Rs. 15-17 LAKH
CTC (ON CONVERSION)

STEP INTO THE SPOTLIGHT WITH OUR STELLAR JOB OFFERS!

St. JOSEPH'S

COLLEGE OF ENGINEERING

(An Autonomous Institution)

St. JOSEPH'S GROUP OF INSTITUTIONS

OMR, CHENNAI - 119



CONTENTS

About the college	3
MOU with Nokia	5
International Conference	6
Industry Institute Interaction	7
Malaviya Memorial Award	8
5G/6G Innovation	9
Alumni Talk	10
Sports	11
Staff Achievements	12
Student Achievements	18



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**.



MOU WITH NOKIA

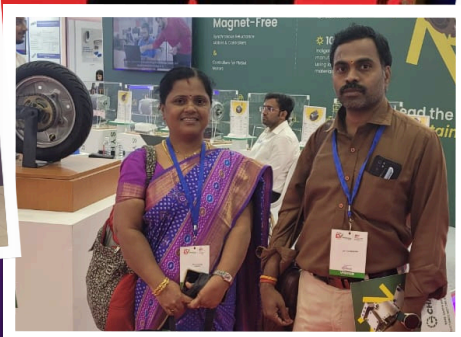


FIRST INTERNATIONAL CONFERENCE



The Department of Artificial Intelligence and Data Science has successfully organized its First International Conference on "Technology and Innovation - 2024" on 28th November 2024.





INDUSTRY INSTITUTE INTERACTION

Dr. Jayarama Pradeep, Dr. P Velmurugan, Mr. R Sreekanth along with 9 EEE Pre final year students have visited the Auto EV Expo at Bangalore. They were able to explore the various technologies used in the EV market.



MALAVIYA MEMORIAL AWARD



Dr. G. Baskar from Department of Biotechnology has Received Malaviya Memorial Award during the 21st Convention of the Biotech Research Society (BRSI). The international Conference on Advances in Biotechnology and Bioinformatics (ICABB-2024) on 26th of November.



Department of Biotechnology staff Dr. G. Baskar was delivered a keynote lecture at the prestigious International Conference on Biotechnology for Sustainability, hosted by Jawaharlal Nehru University in New Delhi on 26th of November.

Dr. G. Baskar from Department of Biotechnology have published an insightful papers entitled "Unveiling the ecology of planktonic harpacticoids (Harpacticoida: Copepoda) in a stressed tropical coastal ecosystem, Bay of Bengal, India" in Aquatic Ecology journal.

Home > Aquatic Ecology > Article

Unveiling the ecology of planktonic harpacticoids (Harpacticoida: Copepoda) in a stressed tropical coastal ecosystem, Bay of Bengal, India

Published: 17 November 2024
(2024) [Cite this article](#)

[Download PDF](#) [Access provided by St. Joseph's College of Engineering](#)

Md Anwar Nawaz, Mehraj ud din War, Gurunathan Baskar, Sivalingam Vallappan Meenakshi & Kandhasamy Sivakumar

23 Accesses [Explore all metrics](#)

Abstract

The ecological role of planktonic harpacticoid copepods within marine ecosystems remains understudied. While primarily benthic, a subset of these organisms exhibits pelagic lifestyles. This research investigates the relationship between environmental factors and planktonic harpacticoid communities at Marina Beach, Chennai, a coastal area impacted by pollution from the Adyar and Cooum rivers. Zooplankton samples and environmental data were collected monthly from January to December 2021. Among the seven observed



5G/6G INNOVATION



Mr. M. Lingeshwaran (AP/ECE) had the privilege of attending the IEEE 5G/6G Innovation Testbed Workshop. This workshop, organized by IEEE in collaboration with EBSCO Information Services India Private Limited, The workshop's primary focus was on transformative teaching, learning, and research using the IEEE 5G/6G Innovation Testbed.

Mr. M. Lingeshwaran, Assistant Professor/ECE, served as a 5G consultant to DADB - German Academy of Digital Education for the Andhra Pradesh State Skill Development Corporation (APSSDC) sponsored "5G Communication Technology"



course, and delivered hands-on training on "Harnessing the Power of Open Source Frameworks for 5G Test Bed Deployment" at VEMU Institute of Technology, P.Kothakota, Pakala, Andhra Pradesh 517112.



ALUMNI TALK



Ms. Tejaswathy, an accomplished alumna of the 2020-2024 Chemical Engineering batch, delivered an insightful talk to final-year students on overcoming interview fear and acing interviews in core and IT companies. Ms. Tejaswathy, who secured placement in Andritz through the college's campus recruitment drive, shared her journey and practical tips for success.



SPORTS



Mr. Sharan Deepak, a second-year Chemical Engineering student, showcased an outstanding performance at the Zonal Swimming Competition.

His achievements include:

- Silver Medal in the 200m Butterfly event
- Bronze Medal in the 800m Freestyle event
- Bronze Medal in the 1500m Freestyle event



Ms.S.Trisha
III Year Chemical Engineering

Ms. S. Trisha, a third-year Chemical Engineering student has outstanding performance at the Anna University Interzone and Zone-level athletic events.

- Silver Medal in the 1500m
- Gold Medal in the 4x400m Relay



Staff Achievements

1

Dr. M. Chamundeeswari from Department of Biotechnology delivered an oral presentation on the topic "Enhancing Plastic Biodegradation Using Metal Nanoparticles in Combination with Soil Microbiome from Agricultural Fields" at the Bio & NanoTech 2024, held from October 30 to November 1.

2

Dr. N. Venkatesh, Head of the Department, Department of Chemical Engineering, active participation in this FDP underscores his commitment to enhancing entrepreneurial opportunities for students in the Department of Chemical Engineering. The six-day Faculty Development program was organized by ISBR Business School, Bangalore.

3

Dr. P. Latha Associate Professor ECE Department has successfully completed a 5-day workshop on "RTL to GDSII using Synopsys Tools" organized by the Department of Electronics & Communication Engineering at G Narayanamma Institute of Technology and Sciences and Atal Incubation Centre GNITS, Hyderabad in collaboration with Synopsys Inc under its SARA (Synopsys Academic and Research Alliances) and VLSI EXPERT Private Limited.

4

Mr.K.Swaminathan from Department of computer science and engineering has successfully completed the NPTEL Online certification course on "Cloud Computing" Organised by NPTEL

5

Ms. M.R. Archana Jenis from Department of computer science and engineering has been recognized for her outstanding contribution as a reviewer at the IEEE Technically Co-sponsored 2024 International Conference on Smart Technologies for Sustainable Development Goals (ICSTSDG). The conference, organized by S.A. Engineering College in association with IEEE Madras Section and other IEEE societies, took place from November 6-8, 2024, in Chennai.

6

Mrs. Shiny R M from Department of computer science and engineering has successfully completed an online Faculty Development Programme on 'Deep Learning with Generative AI for Computer Vision' of 40 hours duration organized by the Electronics and ICT Academy (Phase-II), Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design and Manufacturing, Jabalpur, during November 08-19, 2024.

7

Dr. K. Arun, Associate Professor, Department of Mechanical Engineering, Published a Patent Titled "A Novel Fuel System for Alternative Fuels in Spark Ignition Internal Combustion Engine" Application No.: 202441082996 A

8

Mr. G. Kasirajan, Assistant Professor, Department of Mechanical Engineerin, Published a Patent Titled "Electric Vehicle power converter for enhanced Efficiency and Performance" Application: 202441083966



Staff Achievements

9

Dr. P. Saravanan, from the Department of Science, has published a research article titled "Renewable energy from waste plastic: Hydroprocessing of mixed waste plastic to diesel fuel utilizing Fe/Mo-Al₂O₃ catalyst" in Journal of Process Safety and Environmental Protection, Volume 193, November 2025, pages 683-696. The journal has an impact factor of 6.9.

10

Dr. N Punitha, affiliated with the Department of Science, has authored a research article entitled "Sustainability Improvement of Spark-Ignition Engine Performance Enhanced with Nanoparticles and Hydroxy Gas," which appears in the International Journal of Hydrogen Energy, Volume 96, published in November 2025, spanning pages 1171 to 1185. This journal boasts an impact factor of 8.1.

11

Dr. K Jayamoorthy, affiliated with the Department of Science, has authored a research article entitled "Nano Silica Catalyzed Synthesis, NMR Spectral and Photophysical Studies of Imidazole Derivatives," which appears in the Journal of Silicon, Volume 16, spanning pages 6555 to 6565, published in 2024. This journal holds an impact factor of 2.8.

12

Dr. K Jayamoorthy, affiliated with the Department of Science, has authored a review article entitled "Sustainable Desalination through Electrodeionization: Innovations and Focus on Efficient Carbonate Ion Removal - A Comprehensive Review," which appears in the Journal of Silicon, Volume 13, pages 699-721, published in 2024. This journal boasts an impact factor of 4.97.

13

Dr.K. Jayamoorthy, Associate Professor, Department of Chemistry has evaluated a Doctoral thesis from University of Zimbabwe, Zimbabwe

14

Dr. G. Venkat Narayanan, Associate Professor, Department of Mathematics has successfully Completed a NPTEL Course " Matrix Analysis with Applications" with 69%

15

Dr. K. Suresh, Associate Professor, Department of Mathematics has successfully Completed a NPTEL Course "Engineering Mathematics-I" with 72%

16

Dr. K. Suresh, Assistant Professor, Department of Mathematics has successfully Completed a NPTEL Course "Engineering Mathematics-I" with 61%

17

Dr. S. Arul Amirtha Raja, Assistant Professor, Department of Mathematics has successfully Completed a NPTEL Course "Engineering Mathematics-I" with 71%

18

Dr. S. Gopi Krishna, Assistant Professor, Department of Mathematics has successfully Completed a NPTEL Course "Engineering Mathematics-I" with 64%



19 Dr. Lilly Ramesh of AML department had completed the course of Theory of Computation scoring 71% with ELITE proficiency.

20 Ms.Sherly of AML department had completed the course of Practical cyber security for cyber security practitioners scoring 85% with ELITE SILVER proficiency.

21 C J Raman of AML department had completed the course of Demystifying Networking scoring Elite with silver 80% proficiency.

22 Ms.Anitha S of AML department had completed the course of Google cloud computing foundations scoring 62% with ELITE proficiency

23 Ms.Ancy of AML department had completed the course of Machine Learning and Deep learning- fundamentals scoring 64% with ELITE proficiency.

24 Ms. Manikandan G of AML department had completed the course of Google cloud computing foundations scoring 70% with ELITE proficiency.

25 Ms Poornima M of AML department had completed the course of Google cloud computing foundations with 79% with ELITE SILVER proficiency.

26 Ms. Deepa K of AML department had completed the course of Google cloud computing foundations scoring 65% with ELITE proficiency.

27 Ms. Priyadharshini S P of AML department had completed the course of Google cloud computation foundations scoring 81% with SILVER proficiency.

28 Ms.Kiruba Wesley of AML department had completed the course of Software conceptual design with ELITE SILVER and Technical communication for Engineers with ELITE SIWER proficiency.

29 Ms.Thiraiselvi.G of AML department had completed the course of Big Data computaion scoring 73% with ELITE proficiency.

30 Ms.Abinaya A of AML department had completed the course of Big Data computation scoring 68% with ELITE proficiency.



31 Dr. N R Rajagopalan from the Department of Science has successfully completed three NPTEL courses along with a Faculty Development Program (FDP). The initial course, "Introduction to Basic Spoken Sanskrit and Intermediate Level of Spoken Sanskrit," was held from July to October 2024. The second course, "Developing Soft Skills and Personality," occurred from August to October 2024, and the third course, "Basic Environmental Engineering and Pollution Abatement," was conducted from July to October 2024.

32 Dr. P Saravanan from the Department of Science has successfully finished a 12-week NPTEL course and Faculty Development Program (FDP) titled "Basic Environmental Engineering and Pollution Abatement," achieving a consolidated score of 81%. This program was conducted from July to October 2024.

33 Dr. K Jayamoorthy from the Department of Science has successfully completed two NPTEL courses and a Faculty Development Program (FDP). The first course, titled "Patent Drafting for Beginners," was conducted from July to August 2024, while the second, "Advance Course in Social Psychology," took place from July to October 2024.

34 Dr. S. M. Prakash from the Department of Science has successfully completed a 12-week NPTEL course and Faculty Development Program (FDP) entitled "Advanced Transition Metal Chemistry." This program took place from July to October 2024.

35 Dr. K. Arun, Associate Professor from Department of Mechanical Engineering, Secured Elite Certificate and Topper 5% in "Sustainable Energy Technology" in NPTEL Exam.

36 Ms.Meena Kumari Bugatha N of AML department had completed the course of big data computation scoring 77% with ELITE proficiency

37 Ms.Bhuvaneswari K of AML department had completed the course of Introduction to Industrial 4.0 and Internet of Things scoring 71% with ELITE proficiency



Dr. R. Selvam, Associate Professor from department of Mechanical engineering Secured Elite silver and Top 1% certificate in "Basics of Mechanical engineering -1" In NPTEL Exam.



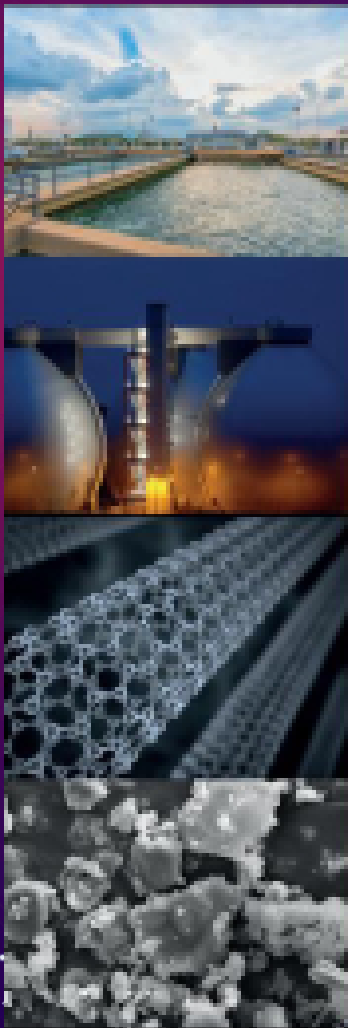
Department of Biotechnology faculty Dr. M. Chamundeeswari successfully completed the NPTEL course and secured Overall 5th rank. This is demonstrating her commitment to continuous professional development and excellence in teaching.



Student Achievements



From the Department of computer science and engineering, we proudly present "Mr Karthik Ambani.R" from batch 2021 to 2025 has got internship offer at "ZoHo" with stipend of Rs.15000/- per month. We are delightful in appreciating his hardwork.



ENVIRONMENTAL
TECHNOLOGY
REVIEWS

VOLUME 20 NUMBER 20 2024 | TAYLOR & FRANCIS
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Mr. S. Sanjay,

a fourth-year Chemical Engineering student has been published a review article titled "Sustainable Desalination through Electrodeionization: Innovations and Focus on Efficient Carbonate Ion Removal - A Comprehensive Review," in Environmental Technology Reviews, which was indexed in Web of Science under the guidance of Dr. K. Jayamoorthy, Associate Professor from the Department of Chemistry.

Internship @ ZOHO

Third Year Students Mr Vishwanath M, Mr Vishal P K , Mr Yashwanth S, Mr Surya Muthu and Ms Yogashini L K from the Department of Artificial Intelligence and Data Science have secured Internship @ ZOHO.



NPTEL Accolades by Students

Department of Mechanical Engineering, St. Joseph's College of Engineering, is proud to announce that 230 students have been certified from NPTEL, organized and conducted by various IIT Institutions in this July-Nov 2024 session. Students have bagged 1-GOLD, 14-SILVER, 48-ELITE AND 167 students have been successfully completed their course. 2nd Phase result student achievement mentioned below.

Mr. R. Adithya, IV year Mechanical Students Secured Elite Silver in the NPTEL Exam Conducted in Nov-2024



Mr. C. Arther Bhion, III year Mechanical Students Secured Elite Silver in the NPTEL Exam Conducted in Nov-2024



Mr. R. Tharun Shiva, III year Mechanical Students Secured Elite Silver in the NPTEL Exam Conducted in Nov-2024



Mr. J. Aalan Jayaraj, II year Mechanical Students Secured Elite Silver in the NPTEL Exam Conducted in Nov-2024



Mr. S. Dheena, II Year Mechanical Students Secured Elite Silver in the NPTEL Exam Conducted in Nov-2024



Mr. S. Karthick, II year Mechanical Students Secured Elite Silver in the NPTEL Exam Conducted in Nov-2024



Mr. S. Mohanram, II year, Mechanical Students Secured Elite Silver in the NPTEL Exam Conducted in Nov-2024



Mr. G. Karthikeyan, II year Mechanical Students Secured Elite Silver in the NPTEL Exam Conducted in Nov-2024



Student Achievements



AML thrilled to announce the outstanding achievement of our students at the II TECHNO IMPACT event held at Sairam Engineering College on 06/11/2024. Our talented team, comprising ADHITHYA J, Ajay S Vasan and Israel Paul K A secured the 2nd Place and a cash prize of Rs.3,000. This recognition is a testament to their hard work, dedication, and innovative spirit. We are immensely proud of their accomplishment and congratulate them on this well-deserved success.

