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St. JOSEPH'S COLLEGE OF ENGINEERING

(An Autonomous Institution)

St. Joseph's Group of Institutions

OMR, CHENNAI - 119



BIO



VOICE



DEPARTMENT OF BIOTECHNOLOGY

NEWSLETTER

February 2026

About Us

The Biotechnology Department was incepted in the year 2002 and Accredited by NBA.

Having a state-of-art laboratory, the department offers both Bachelors and Ph.D courses which are affiliated with Anna University, Chennai

Vision

To provide a world-class department to facilitate learning, training and research in Biotechnology by providing infrastructural facilities and competent faculty leading to technological innovations to serve the global society

Mission

The Mission of the Department is to provide quality education to students and to produce competent Biotechnologists to meet the challenges faced by industry and mankind.

To inculcate high moral and professional standards among our students.

To develop the overall personality of the students.

STUDENT ACHIEVEMENTS

Prize Winners

Our Third-year students, **Sherwin Dominc Jose, Pragadees U** have won **1st position (Rs. 7000 Cash Prize)**, **Atchaya N** and **Jayanthika V** have won **5th position (Rs. 1500 Cash Prize)** in **TechnoBite Paper Presentation** held at **Rajalakshmi Engineering College.**



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Congratulations



Name of the Students: **Sherwin Domnic Jose, Pragadees U**
Year and Batch : **III year (2023-2027)**
Prinze Won : **1st Prize**
Cash Amount : **Rs. 7000**
Event Name : **TECHNOBITE: PAPER PRESENTATION**
Venue : **Rajalakshmi Engineering College**
Date : **13.02.2026**
Mentor : **Ms. Justin Packia Jacob**



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STUDENT ACHIEVEMENTS



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Congratulations



Name of the Students: **Atchaya N, Jayanthika V**
Year and Batch : **III year (2023-2027)**
Prinze Won : **5th Prize**
Cash Amount : **Rs. 1500**
Event Name : **Technobite: Paper Presentation**
Venue : **Rajalakshmi Engineering College**
Date : **13.02.2026**
Mentor : **Ms. S. Vinitha**



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STUDENT ACHIEVEMENTS

Prize Winners

Our third-year student, Jafferin D.R has secured **2nd** positions (State Level) in **Chennai Regional Round of the Maria Philip Future Leader Debate at XIME, Chennai** with the cash prize of **Rs. 10,000**.



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Congratulations



Name of the Students: **Jafferin D. R**
Year and Batch : **III year (2023-2027)**
Prize Won : **2nd Prize**
Cash Amount : **Rs. 10000**
Event Name : **Maria Philip Future Leaders Debate**
Venue : **Xavier Institute of Management & Entrepreneurship, Chennai**
Date : **17 .02.2026**



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STUDENT ACHIEVEMENTS

Prize Winners

Our third-year students, **Hariharan D. K** and **Sreevarshan S**, **Nanditha R** and **Nithyasri G** have secured **1st and 3rd** position in **Eco-Social Club** activity conducted by **our College**



STUDENT ACHIEVEMENTS

Prize Winners

Our second year students, **Tanushri T, Harshita R, Priyadharshika M, Sabrin H and Smera Athiban** have won 1st position (**Rs. 5000 Cash Prize**) in **IDEA2MARKET: CONCEPT TO CUSTOMER**, Hackathon held at **SSN COLLEGE OF ENGINEERING**.



STUDENT ACHIEVEMENTS

Prize Winners

Our second-year students, **Keerthi Shri R, Sindhu Gowri, Monika and Anushya Mary** have secured **1st** positions in **Gene Auction, Technical Event** conducted by **Rajalakshmi Engineering College** with the **cash prize of Rs. 10,000.**



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Congratulations



Name of the Students: **Keerthi Shri R, Sindhu Gowri, Monika, Anushya Mary**
Year and Batch : **II year (2024-2028)**
Prinze Won : **1st Prize**
Cash Amount : **Rs. 10,000**
Event Name : **Gene Auction (Technical Event)**
Venue : **Rajalakshmi Engineering College, Chennai**
Date : **13.02.2026**
Mentor : **Dr. L. F. A. Anand Raj & Dr. B. Sangeetha**



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STUDENT ACHIEVEMENTS

Prize Winners

Our second-year students, **Varnika S, Rashmika R** and **Madhumitha K** have secured **1st** positions in **Nutrizone-26, National Conference** at **SRM Institute of Science and Technology**.



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Congratulations



Name of the Students: **Rashmika R**
Madhumitha K
Varnika S

Year and Batch : **II year (2024-2028)**

Prinze Won: **1st Prize**

Event Name : **New Product Development category at the National Conference**
Nutrizione'26 Nutritional, Functional, Packaging and Safety Challenges of Foods,"

Venue : **SRM Institute of Science and Technology**

Date : **11.02.2026**

Mentor : **Ms. A. Anli Dino**



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STUDENT ACHIEVEMENTS

Prize Winners

Our second-year students, **Nithyashree G and Mercy Shalin** have secured **3rd position** in **MED-XPLORE-26, National Level Technical Symposium** at **AGNI COLLEGE OF TECHNOLOGY.**



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Congratulations



Name of the Students: **Nithyashree G**
Mercy Shalin A

Year and Batch : **II year (2024-2028)**

Prinze Won : **3rd Prize**

Event Name : **Clinical Mismatch (Technical Event)**

Venue : **Agni College Of Technology, Chennai**

Date : **14.02.2026**

Mentor : **Dr. Mu. Poornimaa**



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NGO Visit by Our Students

Our **Second year** recently embarked on a visit to **Saastha old-age home, Madambakkam** on **9th February 2026**



Laptop Distribution

The Government proudly distributed laptops to final-year students to support their academic excellence and digital learning needs. This initiative aims to enhance technological access, promote skill development, and bridge the digital divide.



Guest Lecture

The Department of Biotechnology hosted a guest lecture on **“Smart Bio-fabrication: Merging Lab-on-chip system with 3D Bio-print Constructs”** by **Dr. S. Yamini Sudha Lakshmi**, Assistant Professor at University of Madras



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Department of Biotechnology
Organizes
Guest Lecture

**"Smart Biofabrication:
Merging Lab-on-Chip
Systems with
3D Bioprinted Constructs"**



Dr.S.YAMINI SUDHA LAKSHMI
Assistant Professor
University of Madras
Chennai-113

Time 10:30 to 11:30 am
Date 16-02-2026
Location Placement Block-Hazel



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Cultural Winners

The students from Department of Biotechnology have actively participated in the cultural event, secured **1st and 2nd place in Rangoli competition** and **1st place in pencil drawing**.



College Day

Our 2nd and 3rd year students have participated in the college day and secured cash prize of Rs.3000



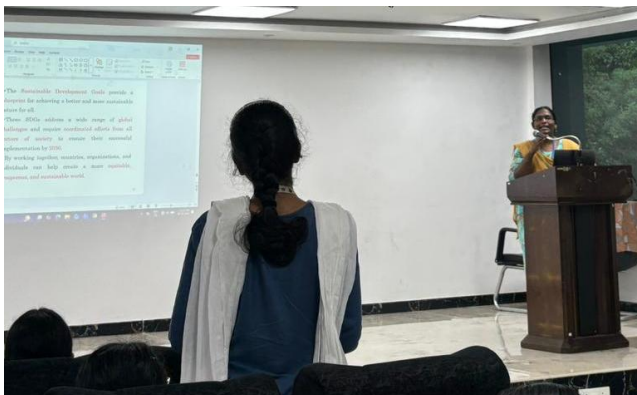
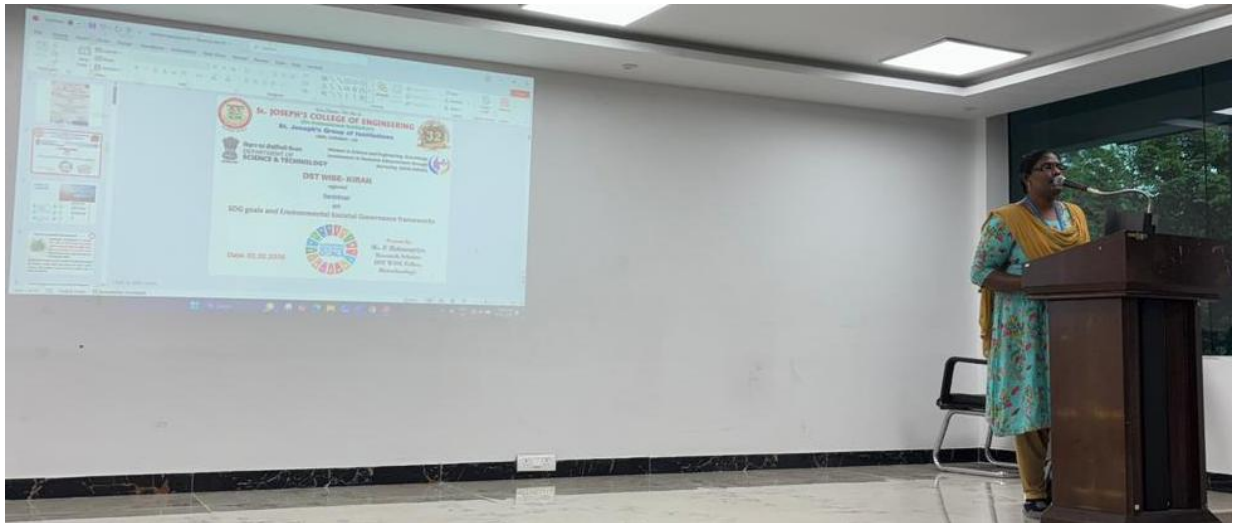
Intramural Sports Winner

Our 2nd year students have participated in the intramural sports and won **1st place in throw ball (girls) and football (boys)**



Seminar

Our research scholar **Ms. Mohana Priya P** has presented a seminar on **SDG Goals and Environmental and Societal Frameworks** on **2nd February** supported by **DST WISE KIRAN**



STAFF ACHIEVEMENTS

Reviewer Certification

Dr. L. F. A. Anand Raj from the Department of Biotechnology has attended three days workshop on **Research Methodology and data-analysis - A smart Learning** organized by **Star International Foundation for Research and Education** from **05.02.2026 to 07.02.2026**.



STAFF ACHIEVEMENTS

Research Paper Published

Dr. G. Baskar has published a research paper entitled “**Assessment of oxalic acid treated residual *Cladosporium pseudochalastosporoides* biomass for vanadium, cadmium and arsenic removal**” in the **Journal of Environmental Management**.







Journal of Environmental Management

Volume 406, 1 March 2026, 128947






Research article


Assessment of oxalic acid treated residual *Cladosporium pseudochalastosporoides* biomass for vanadium, cadmium, and arsenic removal: A kinetic, equilibrium, and thermodynamic study

Vanshika Nirmkar ^{a,1}, Anil Kumar Patel ^{a,b,c,1}, Baskar Gurunathan ^a, Cheng-Di Dong ^{a,*}  ,
Bavita Rani Singhania ^{a,b}  

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<https://doi.org/10.1016/j.jenvman.2026.128947>

[Get rights and content](#) 

Highlights

- Residual biomass of novel fungus *Cladosporium pseudochalastosporoides* valorized.
- Oxalic acid modification enhanced biosorption of V^{5+} , Cd^{2+} , and As^{5+} from aqueous environment.
- Freundlich isotherm and pseudo-second order kinetics indicated chemisorption.
- Study demonstrates sustainable reuse of an enzyme producing fungal strain for metal removal.

STAFF ACHIEVEMENTS

Fund Granted for International Conference

Dr. G. Baskar and Dr. B. Sangeetha from the Department of Biotechnology have received a sanctioned amount of **₹1,50,000** from the **Department of Biotechnology (DBT)**, for organizing the **3rd International Conference on Frontiers in Industrial Biotechnology**

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**Third International Conference on
Frontiers in Industrial Biotechnology - FIBT 2026**

Sponsored By
Department of Biotechnology
Govt. of India

DATE
MARCH
30 & 31, 2026

SANCTIONED AMOUNT
₹ 1,50,000

Co-ordinators

Dr. G. Baskar
Head - Global Networking
Professor
Department of Biotechnology

Dr. B. Sangeetha
Assistant Professor
Department of Biotechnology

Organised by
Department of Biotechnology, St. Joseph's College of Engineering
OMR, Chennai - 600119, Tamilnadu, India.

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STAFF ACHIEVEMENTS

Design Patent Grant

Ms. Anli Dino A and her students have published a patent grant entitled **“AI-Based Construction Failure Detection Device”**


Intellectual
Property
Office



Certificate of Registration for a UK Design

Design number: 6493838

Grant date: 13 January 2026

Registration date: 19 December 2025

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Amit Dattatray Choudhari, Kanimozhi Suguna Subramanian, Dr. Panthadeep

Bhattacharjee, Pragati Bhausahab Chandane, Krishna Pandey, Dr. Aayush

Shrivastava, Anli Dino Alphonse, Dr Rakesh Gupta, Dr. Abhishek Das, Dr.

Sarankumar Ramasamy

in respect of the application of such design to:

AI-Based Construction Failure Detection Device

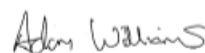
International Design Classification:

Version: 15-2025

Class: 10 CLOCKS AND WATCHES AND OTHER MEASURING

INSTRUMENTS, CHECKING AND SIGNALLING INSTRUMENTS

Subclass: 05 INSTRUMENTS, APPARATUS AND DEVICES FOR CHECKING, SECURITY OR TESTING



Adam Williams

Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office

The attention of the Proprietor(s) is drawn to the important notes overleaf.





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