ANNUAL REPORT

ACADEMIC YEAR 2022—2023

St Joseph's College of Engineering, Chennai, has the following notable achievements in the year 2022-23:

NOTABLE ACHIEVEMENTS IN 2022-23:

1. **NIRF INNOVATION 2023:**

   Our College has been recognised in the **'Band of 101-150 Innovation '** under the category of **'Colleges/Institutes (Private / Self-Financed) (Technical)** in NIRF Innovations.

2. **Center of excellence for youth empowerment:**

   Our College has been recognized as **Center of excellence for youth empowerment** to train women students on **advanced IT skills** Under **Celonis student empowerment program.**

3. **Training and Placement:**

   The institution has always been in the forefront with respect to recruitments. The Centre for Training & Placement has been working vigorously to provide recruitment for our students. **1030 students** are placed through campus interviews the students are recruited by many leading organizations like Cognizant Technologies, Wipro, Infosys, Ashok Leyland, Wheels India, Soliton Technologies, AMAZON, Verizon, GE Digital, Juspay Mu-Sigma, Comm Vault, Global Analytics, E-Con Systems, Sirius Vembu Technologies, Tech Mahindra Solution Technologies, HDFC, ICICI, IDBI Federal Life Insurance, Mr. Copper, Bajaj Capital, DHL Logistics, Yes

Bank, ITC Ltd, L&T, Zoho, Naukri.com, HCL, Hewitt, RenalultNissian, Virtusa, RBS, Accenture, Mindtree, Kotak Mahindra Bank, Pepsico etc., with a ranging from **3.2 lakhs to Rs 12 lakhs** per annum.
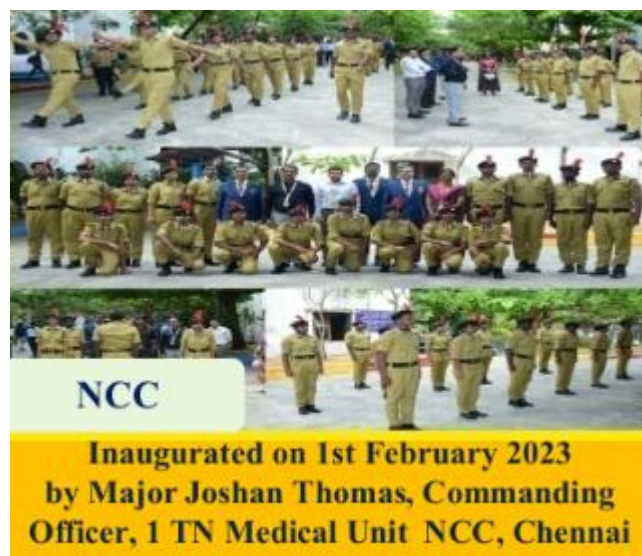
4. **Higher Studies:**

In the year 2022-23, **81 Students** are pursuing their higher studies atvarious Universities in India and abroad. Students have got admission into top ranking Universities like University of Manchester, RMIT University, John Hopkins University, University of California, Arizona State University, North Carolina State University, National University of Singapore, Illinois Institute of Technology, NJIT, University of Texas, University of Windsor, Northeastern University, IITs, IIMs, NITs, and so on through our Advisory Bureau for Higher Studies.

5. **SAE India Challenge 2023**

Students of Mechanical Engineering have won **19th** position at National level and **4th** position in Tamil Nadu level in the SAE India Challenge 2023.

6. **NCC**

NCC –St. Joseph's Unit Inaugurated on 1st February 2023

NCC

Inaugurated on 1st February 2023 by Major Joshan Thomas, Commanding Officer, 1 TN Medical Unit NCC, Chennai

7. Received grant of Rs.**71,00,000/**- from **DST- FIST** towards sustainable Nano material development for Futuristic applications.

8. Received grant of Rs.**3,00,000/**- from **AICTE** to conduct a conference on Diverse Applications of Research Paradigm in AI

9. **National Academy of Engineering (INAE) Conclave 2022**

The students of **BIO TECH, IT** departments have received INAE awards.

INAE Innovative Project Award

S.No	Title of the Project	Name of the Student
1	Bioprospecting activity of Probiotic Bacteria Isolated from Fermented Foods and Goat Intestine	Ms. Manju Meena V (BIOTECH) Ms. Sneha Anna Alexander
2	MEDICRYPT	Ms. Hemapriya N, (IT) Ms. Jayajanani A

10. **MSME Idea Hackathon 2022**

The students from departments of ECE, Bio Tech and Mechanical have received the amount of **Rs. 34,50,000/-** for Business Model Development.

S.No	Name of the Department	Sanctioned Amount in Rs/-
1	Mechanical	14 Lakhs
2	ECE	12 Lakhs
3	Bio Tech	8.75 Lakhs

11. **SERB- INAE Conclave**
Department of IT have won II prize in SERB- INAE (**Theme- START UP**) conclave held at IIT Kanpur.
Department of ECE have won **I** and II prizes (**Theme Grand Ideas Challenge**) in SERB-INAE conclave held at IIT Kanpur.

12. Grand Idea Challenge

The students of ECE have won **I, III prize** in Grand Idea Challenge organized by **IIT Chennai**

13. IEEE Yesist 2022

Our IEEE Student Branch has received **vibrant pilot** award held at SVCE Bangaluru.

IEEE student branch has won **outstanding student branch award 2022** Conducted by National level IEEE India council.

Ms. T. Abinayaa Sri, has won **outstanding WiE Volunteer Award 2022** Conducted by National level IEEE India council.

Mr. A. Mohammed Aashik, has won **outstanding Volunteer Award 2022** Conducted by National level IEEE India council.

14.SMART INDIA HACKATHON 2022

Our students have won **I prize (1,00,000)** and **II prize (50,000)** and **2 joint winner prize** of **Rs. 50,000** each.

First Prize — Rs. 1,00,000/-
Team Name : HTTP

Third Prize — Rs. 50,000/-
Team Name : The Tribes

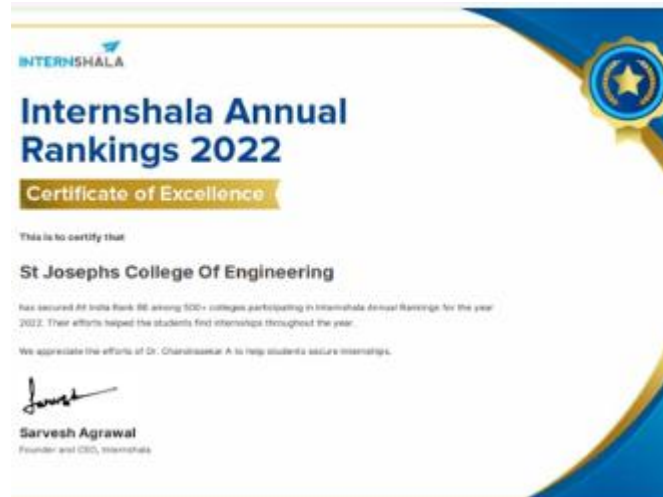SMART INDIA HACKATHON 2022

Joint Winner — Rs. 50,000/-
Team Name : MYKRO INFINITY X

Joint Winner — Rs. 50,000/-
Team Name : Team Propellers

15. Certificate off Excellence- Internshala Annual Ranking 2022

16. TNSCST Students Project Scheme:

The following Final Year students and Faculty members received **grant of Rs.7, 500 from Tamil Nadu State Council for Science and Technology (TNSCST) towards Students Project Scheme under Science, Engineering and Technology.**

S. No	Name of the Faculty	Project Title	Student Name
1.	Dr.T.D.Sudhakar Professor, EEE	Mitigation of mosquito larvae production in water bodies using photovoltaic energy applied to water agitators	Sebastian Sugan Gomez.J Sasikkumar.B
2.	Ms.R.G.Nirmala Assistant professor, EEE	Power compensation in hybrid wind-PV grid connected using PVR	A.S.Keerthanaa Sri
3.	Dr.C N.Gnanaprakasam Associate Professor, EIE	Fabric development using waste pet bottles	Mugilan S, Mohamed Afrith Kareem
4.	Mrs.C.Ramadevi Assistant professor, EIE	Automation of effluent treatment plant	Kruthika.A, Pooja.P
5.	Ms.S.Banupriya Assistant Professor Civil Engineering	Development of IoT Based Landslide Monitoring, Detection and Early Warning System Using Drone and Remote Sensing Data For Nilgiris District	Chandra Sivam.S, Jeffin.P, Arun Balaji.S, Rithish Ragul.B
6.	Mrs.S.Ancy Assistant Professor, IT	IOT based flood detection system	Kapila.R.G, Aarthi.S

7.	Dr.S.Rajeshkannan Associate Professor ECE	Development of smart surveillance and vehicle halt system using deep learning vison model	Eswara Prasad.S, Giridharan.B
8.	Dr.C.Karthik Associate Professor, Biotechnology	Green synthesized rGOsilver nanoparticle coated protective mask for COVID19	Beulah Shiny.H

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