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**St. JOSEPH'S COLLEGE OF ENGINEERING**  
(An Autonomous Institution)  
**St. Joseph's Group of Institutions**  
OMR, Chennai - 119



**STUDENTS' SPECIAL ACHIEVEMENTS**  
**ACADEMIC YEAR: 2024-2025**

S. No	Date	Event Name	Location	Student Details	Year	Remarks	Mentor
1	01/02/2025	E Matrix Hackathon 4.0	E Matrix Software Solutions (Online)	ILANKUMARAN.R AKASH.K BHARAT MAHADEVAN.R DEEPAK.B	II II II II	III Place (Best Star Idea Presenter)	Dr.S.Devipriya
2	24/02/2025	Vortex Hackathon 2025	SSN College of Engineering	ILANKUMARAN.R AKASH.K BHARAT MAHADEVAN.R DEEPAK.B	II II II II	Finalist	Dr.S.Devipriya
3	06/03/2025 07/03/2025	Startup TN Thunivu 1.0 Business Plan Competition	Startup Tn Madurai Regional Hub, NPR Incubation Centre, Dindigul	R.S.AKASH AATHAVAN VALARASU L.V HASAN DHANISH.J N.MANOJ	III II II II	Finalist	Dr.S.RajeshKannan Mr.G.D.Vignesh

4	08/03/2025	TNWISE 2025 Tamilnadu centre of excellence for Advanced manufacturing (TANCAM)	KIT- KalaigarnarKarun anidhi Institute Of Technology, Coimbatore	HEMAVARSHINI.K AIESHWARYA.R ABINAYA.B.S	II II II	Special Prize Rs10,000	Mr.G.D.Vignesh Mrs.Sumithra Sofia
5	09/03/2025 10/03/2025	Empowertech- national level Hackathon	VIT-Vellore Institute of Technology	C.S.STEVE CHRISTIAN SAMUEL VIGNESH.R SWATHI.M SANGEETH KUMAR.LM	II II II II	First Rs.10,000	Dr.R.Niruban Dr.D.Lakshmi
6	24/03/2025 25/03/2025	Genetrix 2k25	St.Josephs's College of Engineering	AKASH R S HARISH.M AJITHA.M INBA YAZHINI.FS	III III III III	First Rs.30,000	Dr.S.Rajesh Kannan Dr.A.M.Balamurugan
7	24/03/2025	InnoVision- Ideathon'25	SRM Institute of Science and Technology	SAKTHIKUMAR.P YUTHIKA.A ROSHNI.B	III III II	Finalist	Dr.R.Niruban Dr.R.Avudaiammal
8	04/04/2025 05/04/2025	Nexathon'25	KCG College of Technology	CARMEL ABIGAIL DHAANIYA N JAYA PREETHA S PRAVEENA M	III III III III	2nd Prize- Internship at Enlight Wisdom	Mrs.P.Elaveni Dr.R.Niruban
9	11/04/2025	TNWISE 2025	Rajalakshmi Engineering College, Chennai	JAYA PREETHA S DHAANIYA N PRAVEENA M CARMEL ABIGAIL	III III III III	First Rs.50000	Mrs.P.Elaveni Dr.R.Niruban

## PHOTOS



## STUDENTS' SPECIAL ACHIEVEMENTS

**ACADEMIC YEAR: 2023-2024**

S.No.	Event Details	Project Title/ Details	Batch / Names	Year & Section	Result
1.	<b>Inventors Challenge 2023</b> organized by All India Council for Technical Education (AICTE), Ministry of Education, India, ARM Education and STMicroelectronics. (November 2023)	Domestic Emotion Monitoring System	Charan Velavan Ebi Manuel Benie Jaison A T Akshay B Vishal S  <b><u>Mentor:</u></b> M. Lingeswaran AP/ECE	III ECE A & III ECE C	Rs. 50,000 Cash Prize & Rs.40,000 worth STM Development Boards (National Level Winners I Prize)
2.	<b>MSME IDEA HACKATHON 3.0 (Women)</b> National Level Business Model Development Challenge organized by the Ministry of Micro Small and Medium Enterprises (MSME), Govt. of India. (March 2024)	Integrated Bus System - Smart Transit Solution (IDEATN012273)	S. Vimali S.R. Shreya S. Sowjanya T. Swetha  <b><u>Mentors:</u></b> Dr. S. Rajesh Kannan ASP & HoD/ECE M. Lingeswaran AP/ECE	III ECE C	Grant Rs.13,50,000
		Mealshare (IDEATN014131)	J.M. Lourdes Teshina Y. Jeffery Godson  <b><u>Mentors:</u></b> Dr. S. Rajesh Kannan ASP & HoD/ECE Dr. P. Ezhilarasi	III ECE C	Grant Rs. 10,00,000

S.No.	Event Details	Project Title/ Details	Batch / Names	Year & Section	Result
			Prof./ECE		
3.	<b>SIH-2023</b> Category: Software Venue: KIT's College of Engineering, Kolhapur Date: 19-12-2023 to 20-12-2023	Problem Statement: AI based Automatic alarm generation and dropping of payload at a particular object through a Drone.	Team Name: CyberSpartans Team Leader Name: Charan Team Members: Akshay B; Tejaswin S; Alfred D; Thaniskqa N; Prakriti Harith Team Mentor: Mr. M. Lingeshwaran	III ECE A	Finalists
	<b>SIH-2023</b> Category: Software Venue:PSNA College of Engineering and Technology, Dindigul Date:19 to 20 December 2023	Problem Statement: Comprehensive Inspection and Analysis of Water Supply Distribution Lines	Team Name: TYPHON Team Leader Name: Vaishnavi S Team Members: Vishalsanker SV, Govardhine K, Karthik AV, Vijaybala A , Athithian S Team Mentor:Dr Aghalya S	III ECE C	Finalists
	<b>SIH-2023</b> Category: Hardware Venue: Manav Rachna University, Faridabad, Haryana Date: 19.12.23 to 23.12.23	Problem Statement: Monitoring through AI Based Remote Access Vehicle	Team Name: TECH CREEPERS Team Leader Name: Gilbert Sam M A Team Members: Abishai Sakthi Dev Praveen Balaji Bavani Feslin Sherina Team Mentor: Dr. J. Sivakumar	III ECE A	Finalists



Photos



## STUDENTS' SPECIAL ACHIEVEMENTS

**ACADEMIC YEAR: 2022-2023**

S.No.	Event Details	Project Title/ Details	Batch / Names	Year & Section	Result
1.	<b>FAER Scholar Awards 2022</b> National Level FAER-Integra Program organized by <b>Foundation for Advancement of Education and Research, Bangalore.</b>	VIRTUAL FENCE - Intelligent AI Assistance to Indian Fishermen	Tharun Prasath J Vishal S  <b>Project Supervisor:</b> Dr. P. Ezhilarasi, HOD (Lab Affairs - ECE)	IV-ECE-'C'	Received a Grant of Rs. 6,000/- for Final Year Project Model Development
2.	<b>GRAND PROJECT IDEAS CHALLENGE</b> National Level Two days <b>SERB-INAE CONCLAVE</b> organized by IIT, Kanpur.	E SAPS - Electric Shock Accident Prevention System	Sharfaras J Sethuraman B Surya Prakash N  <b>Project Mentors:</b> Dr. P. Ezhilarasi, HOD(Lab Affairs - ECE) Dr. S. Rajesh Kannan, Associate Professor - ECE	IV-ECE-'C'	WINNER (1 <sup>st</sup> Prize) (Out of 162 Teams)
		Smart Elector Validation System Assisting the First Polling Officer	Tharun Prasath J Vignesh Karuppasamy DM Uppuliappan M  <b>Project Mentors:</b> Dr. P. Ezhilarasi, HOD(Lab Affairs - ECE) Dr. S. Rajesh Kannan,	IV-ECE-'C'	2 <sup>nd</sup> Runner up (3 <sup>rd</sup> Prize) (Out of 162 Teams)

S.No.	Event Details	Project Title/ Details	Batch / Names	Year & Section	Result
			Associate Professor - ECE		
3.	<b>MSME IDEA HACKATHON - 2022</b> National Level Grand Challenge organized by Ministry of MSME, Government of India	E SAPS - Electric Shock Accident Prevention System	Sharfaras J Sethuraman B Surya Prakash N  <b>Project Mentors:</b> Dr. P. Ezhilarasi, HOD(Lab Affairs - ECE) Dr. S. Rajesh Kannan, Associate Professor - ECE	IV-ECE-‘C’	Grant Sanctioned Rs. 12,00,000
4.	<b>SMART INDIA HACKATHON 2022</b>  Category: Software  Venue: KIT'S College of Engineering, Kolhapur, Maharashtra  Date: 25/08/2022 & 26/08/2022	Problem Statement: Develop a system for high compression and decompression of photographs and documents without loss of quality	Team Name: The Chargers  Team Leader Name: Annabathula Rohith  Team Members: Gideon M Beniel Richard B Sandeep Kumar M N Sai Priyadarshini J Sameeksha S A  Team Mentor: Dr. B. Victoria Jancee - HOD (Staff affairs), ECE	IV-ECE & III-ECE	Finalist
	<b>SMART INDIA HACKATHON 2022</b>  Category: Software	Problem Statement: Hologram with Speech Synthesis	Team Name: Dynamix  Team Leader: Jaswanthika R	III-ECE-‘A’	Finalist



S.No.	Event Details	Project Title/ Details	Batch / Names	Year & Section	Result
	<p>Grand Finale Venue: Shri Ramdeobaba College of Engineering and Management, Nagpur, Maharashtra.</p> <p>Grand Finale Date: 25/08/2022 to 26/08/2022 (36 hrs Hackathon)</p>	<p>To develop a hologram and speech synthesis algorithm to bring historic speeches delivered by legendary personalities in the past back to life, in museums.</p>	<p>Team Members: Akshaya S Bharath M Hamshavardhan T S Akshaya S Gowsic R</p> <p>Team Mentor: M. Lingeshwaran, Assistant Professor - ECE</p>		
	<p><b>SMART INDIA HACKATHON 2022</b></p> <p>Category: Hardware</p> <p>Venue: Kalasalingam Academy of Research and Education Date: 25/08/2022 &amp; 29/08/2022</p>	<p>Artificial Intelligence enabled robotic trash boat to drive &amp; harvest floating trash from urban drain</p>	<p>Team Name: Threadripperrzs</p> <p>Team Leader: Charan Velavan</p> <p>Team Members: Akshay B Prakriti Harith Thanisqka N Aditya S Nair Medha R</p> <p>Team Mentor: Dr. Venkatesan K , Assistant Professor - ECE</p>	II-ECE	Finalist

## Photos





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## **DEPARTMENT OF ECE**

### **STUDENTS' SPECIAL ACHIEVEMENTS**

**ACADEMIC YEAR: 2021-2022**

S.No.	Event Details	Project Title/ Details	Batch / Names	Year & Section	Result
1.	<b>TOYCATHON 2021</b>  National level Inter-Ministerial Initiative organized by Ministry of Education's Innovation Cell with AICTE, MSME and Ministry of Information and Broadcasting between 22nd and 24th June 2021 under "Aatma Nirbhar Bharat Abhiyan" scheme	Talking Toy- (Virtual Guide) Software Edition - 72 hours  Theme: Indian Culture, History, Knowledge of India and Ethos	Vaddi Lakshmi Satya Sai Sarojini Harish Namashivayam M Dakshin Sundar Hemanth Sri Vignesh S Sneha Rajan Sangavi S  <u>Faculty Mentors:</u> Dr. S. Rajeshkannan Associate Professor – ECE Dr. A. K. P. Kovendan Assistant Professor – ECE	IV year ECE	Winners  [One among 117 teams]  [One among 1350 teams screened]
2.	<b>Tamil Nadu Student Innovators (TNSI) Programme</b> State Level Competition organized by	ROBOCOP	V. Sanjay Kumar T. Sai Harini K.R. Vishnuvardhan  <u>Faculty Mentors:</u>	IV year ECE	Seed Grant of Rs.1,00,000



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S.No.	Event Details	Project Title/ Details	Batch / Names	Year & Section	Result
	Entrepreneurship Development and Innovation Institute (EDII) during 02 <sup>nd</sup> and 03 <sup>rd</sup> July 2021		Dr. P. EZHILARASI HOD (Lab Affairs) - ECE Dr. S. Rajeshkannan Associate Professor – ECE		
3.	<b>National Level Innovation Grant Program</b> organized by AI & Robotics Technology Park (ARTPARK), Indian Institute of Science, Bangalore in association with DST	ROBOCOP - AI Based Surveillance Robot	V. Sanjay Kumar K. Sriram  <u>Faculty Mentor:</u> Dr. S. Rajeshkannan Associate Professor – ECE	IV year ECE	Research Grant of Rs.3,95,000
4.	<b>IIC - National Innovation Contest 2020</b> Organized by Ministry of Education's Innovation Cell & AICTE	Micro Level Power Management System	Akash M. B Harish Kumar B Jane Cynthia S Ishwarya Thiagarraj  <u>Faculty Mentors</u> Dr. P. EZHILARASI HOD (Lab Affairs) - ECE Dr. S. RAJESHKANNAN Associate Professor - ECE	IV-ECE	Prize Grant of Rs.3,00,000 for Business Model Development



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5..	<b>Octa Hacks 4.0</b> National Level 36 Hours Virtual Hackathon organized by Chitkara University, Punjab held between 12 <sup>th</sup> and 14 <sup>th</sup> November 2021	Geo Fence - Security	Vignesh Karuppasamy D M Ramya K Somashree U Uppuliappan M  <u>Faculty Mentor:</u> Dr. S. Rajeshkannan Associate Professor – ECE	III year ECE	Second Place Rs. 10,000 cash prize, Taskade & Axure RP Team Subscription, Clerkey Lifetime Package and Intern Seed Grant worth up to Rs. 75,000
6.	<b>ANUBHAV FELLOWSHIP Programme 2021</b> organized by IIT-Mandi i-Hub and HCI Foundation	GEO - FENCE	Vignesh Karuppasamy D M Ramya K Somashree U Uppuliappan M  <u>Faculty Mentors</u> Dr. P. EZHILARASI HOD (Lab Affairs) - ECE Dr. S. RAJESHKANNAN Associate Professor - ECE	III year ECE	Fellowship Grant of Rs. 30,000 for Project Model Development & Start-up support





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S.No.	Event Details	Project Title/ Details	Batch / Names	Year & Section	Result
		UZHAVU	Tharun Prasath J Safina G Shameem Fathima S Shreya S  <u>Faculty Mentors</u> Dr. P. EZHILARASI HOD (Lab Affairs) - ECE Dr. S. RAJESHKANNAN Associate Professor - ECE	III year ECE	
7.	<b>SAMVEDAN 2021 - "Sensing" Solutions for Bharat.</b> A Grand Challenge competition organized by	I'SYS - AI based assisting system for visually challenged people (GuidePod)	S.Sibi Selvan M.Ranjith Roshan  <u>Faculty Mentors</u> Dr. P. EZHILARASI HOD (Lab Affairs) - ECE Dr. S. RAJESHKANNAN	III year ECE	II Prize Rs.50,000 Cash Prize (Incubation Seed Grant up to 50 Lakhs under IITM PTF Seed Support



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S.No.	Event Details	Project Title/ Details	Batch / Names	Year & Section	Result
	IITM Pravartak Technologies Foundation funded by DST, which is the TIH for SNACS, in collaboration with Sony India Software Centre Pvt. Ltd.		Associate Professor - ECE		Scheme)
		Smart Standalone Elector Validation System (GeoFence)	Tharun prasath J Vignesh karuppasamy D M  <u>Faculty Mentors</u> Dr. P. EZHILARASI HOD (Lab Affairs) - ECE Dr. S. RAJESHKANNAN Associate Professor - ECE	III year ECE	III Prize Rs.25,000 Cash Prize (Incubation Seed Grant up to 50 Lakhs under IITM PTF Seed Support Scheme)
		Turbo 'O' Skim	N Suriya Prakash J Sharfaras	III year ECE	Semi- Finalists and Received Sony SPRESENSE board worth Rs.55,000
		E-SAPS	Rajagopalan VG H Ramakrishnan Sushanth Krishnamithran	III year ECE	
		Uzhavu	Tharun Prasath J	III year ECE	



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