DEPARTMENT OF
ELECTRONICS & COMMUNICATION ENGINEERING

Nexus '22

Department Activities :- 1ˢᵗ June 2021 - 31ˢᵗ May 2022

Volume : 11

MESSAGES

Dr. B. Babu Manoharan M.A., M.B.A., Ph.D.
Chairman

It gives me immense pleasure to commend the staff and the students of the Department of Electronics and communication Engineering for this excellent package "NEXUS'22". This magazine maps the merits and milestones accomplished by the college. I sincerely hope that the efforts put in by the students and the staff helps them in all their future endeavours.

Mrs. S. Jessie Priya M.Com.
Managing Director

This magazine is testament to the academic excellence of the college which in myriad ways is ingrained in our culture. It gives me great pleasure to see the exceptional potential of the students of the Department of Electronics and communication Engineering, in various extra-curricular activities as well as in academics. I congratulate the staff and the students on bringing out this wonderful magazine.

Mr. B. Shashi Sekar M.Sc.
Executive Director

I am very happy that our institution has shown a marvellous presentation of the activities through "NEXUS'22". I congratulate the staff and students for their excellent effort. Today, as we march towards a technological world, we aspire to open new vistas in the field of education for our students and this magazine helps us in our efforts.

Dr. P. Ravichandran M.Tech., Ph.D.
Principal

I take this opportunity to laud the efforts of all those who were involved in the making of this magazine from the Department of Electronics and communication Engineering, St. Joseph's Institute of Technology. I would also like to appreciate the relentless efforts of our teachers for giving their best in bringing out the best in each student helping them achieve their goals.

We invite you to explore our magazine NEXUS '22. We are sure that this magazine will quench the technical thirst of the students. It also unveils the college's accomplishments in the past one year. We express our gratitude to our **Chairman** Dr. B. Babu Manoharan, M.A., M.B.A., Ph.D., **Managing Director** Mrs. S Jessie Priya., M.Com., **Executive Director** Mr. B Shashi Sekar., M.Sc., **Principal** Dr.P.Ravichandran M.Tech., Ph.D., **HOD (Staff & Staff Affairs)** Dr.C. Gnana Kousalya M.E., Ph.D., **HOD (Lab Affairs)** Dr.G.Rohini M.E., Ph.D. and staffs for providing us a podium to express our innovation and encouraging us in completing this edition of NEXUS '22.

Staff Editors

 1. Dr. C.Gnana Kousalya
 Professor &Head - ECE
(Staff & Staff Affairs)
 2.Mr. Suresh D
 Assistant Professor, ECE
 3.Mr.Immanuel K
 Assistant Professor, ECE
 Cover page Designer

1.**Hepzibah Merlin,** III year ECE

Vision

To come forth as an eminent department in the field of electronics and communication engineering, research for providing ethical resource persons to serve the industry and society with technical excellence.

Mission

The department strives

- To provide the best resources in teaching, learning and other educational activities which will train the student to attain his or her fullest potential in the field of Electronics and Communication Engineering.
- To inculcate technical knowledge, leadership qualities, teamwork and ethical practices in students so as to meet the expectations of the industry as well as the society.
- To organize exclusive courses, conferences, seminars on the current technological developments which will be an added benefit for bringing out the various talents in the students and faculties.
- To sustain connectivity with industries to get on par with the recent technologies and research.
- To foster career improvement through placements, higher education and entrepreneur skills by continuous training and guidance.

Staff Activities

The Department of Electronics and Communication Engineering has always served its work meticulously since recognized. The standard of education can be widened when the teaching representatives build the art of publishing articles and research papers.

Faculty Highlights

➤ **Dr. M. Senthilmurugan** has successfully completed his Ph.D. Degree from Sathyabama Institute of Science & Technology, Chennai in the faculty of Electronics Engineering.

Papers Published in Patent, Journals & Conference By Staff Members

Patent Publications

S.No	Application Number	Name of the Faculty	Title	Published Date
1	202241001812	Dr.C.Gnana Kousalya Dr.G.Rohini Mrs.S.Tephillah Mrs.G.Akilandeswari Mr.J.Bino	IoT and Machine Learning based System to Identify Drowning Occurrences in Swimming- Pools	04/02/22
2	202141061582	Dr.C.Gnana Kousalya Dr.G.Rohini	IoT based Contraption Observation and Electrical Control Structure	07/01/22

3	202241001410	Dr.P.G.V.Ramesh	Design of Penta-Band Bandpass Filter with Enhanced Selectivity Employing Square Complementary Split ring resonator	21/01/22
4	202241004742	Dr.C.T.Kavitha Dr.J. Jeba Johannah Mr.M.SenthilMurugan Mrs.P.Princy Magdaline Mrs.A.Maria Christina Blessy	Separation of Glass / Plastic Products using FPGA	18/02/22
5	202241006887	Dr.P.G.V.Ramesh Dr.Samayaraj Murali Mr.D.Suresh	Dynamic Model for Rainfall Prediction and Crops Cultivation Using Convolution Neural Network	25/02/22
6	202241005440	Dr.M.V.Karthikeyan	An IoT based Health Monitoring System to facilitate Treatment during Pandemic	11/02/22
7	202141061248	Mr.D.Suresh	Designing a WSN Platform for Long term Environmental Monitoring for IoT Applications	07/01/22
8	202241004746	Ms.A.Gloria Mrs.J.Silva Deena Ms.S.Sathiya Priya Ms.G.Sneha Ms.Jemima Havila Catherine	Embedded Sensor Based Vehicle Door Locking System for avoid Accident	18/02/22

Publications in Journals

International level

1. **Dr.C.Gnana Kousalya** published a Paper titled "Comparative Analysis on Light Weighted Deep Learning Model for Implementation in Real-Time Video Surveillance Systems" in International Journal of Mechanical Engineering **(Scopus)**, on May 2022.
2. **Dr.P.G.V.Ramesh** published a Paper titled "Performance Study of Randomly Coupled Erbium-Doped Fiber Amplifier using Machine Learning" in Optical Engineering, **(Web of Science)**, on July 2021.
3. **Dr.P.G.V.Ramesh** published a Paper titled "DWDM Reconstruction using Supervised and Unsupervised Learning Approaches" in Optoelectronics and Advanced Materials- Rapid communications **(Web of Science),** on October 2021.
4. **Dr. G.S Uthayakumar** published a Paper titled "LI-FI Integrated to power – Lines for Smart Illuminations Cum Communications" in International Academy of science, Engineering and Technology (IASEA), on June 2021.
5. **Dr. G.S Uthayakumar** published a Paper titled "Novel Wheel Chair for Physically Challenged Using IOT " in International Academy of science, Engineering and Technology (IASEA), on June 2021.

6. **Dr. G.S Uthayakumar** published a Paper titled "Novel Bio-Electrode for Human Body Signal Detection " in International Academy of science, Engineering and Technology (IASEA), on June 2021.

7. **Dr. J. Jeba Johannah** published a Paper titled "Accurate detection and recognition of Glaucoma using Image Processing" in International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), on April 2022.

8. **Dr. J. Jeba Johannah** published a Paper titled "Design and simulation of reliable low power CMOS logic gates" in International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), on April 2022.

9. **Dr. C T Kavitha** published a Paper titled "Augmented Reality Based Driver Assistance System " in International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), on May 2022.

10. **Dr.M.Senthil Murugan** published a Paper titled "Space Vector Control for High-Level Diode Clampers Inverters" in International Conference on Artificial Intelligence and Smart Systems (ICAIS 2022)- IEEE xplore **(Scopus),** on March 2022.

11. **Dr.M.Senthil Murugan** published a Paper titled "A Prediction of Phishing Websites by Optimal Feature Extraction using Recurrent Neural Network" in International Conference on Trends in Electronics and Informatics **(Scopus),** on May 2022.

12. **Mr.T.Siva** published a Paper titled "Design and Implementation of U-Slot Microstrip Patch Antenna using co-axial Feeding Technique for WLAN Applications" in International Journal of Health Sciences**(Scopus),** on May 2022.

13. **Mr.D.Suresh** published a Paper titled "Design and Implementation of U-Slot Microstrip Patch Antenna using co-axial Feeding Technique for WLAN Applications" in International Journal of Health Sciences**(Scopus),** on May 2022.

14. **Mr. Maria Christina Blessy** published a Paper titled "A Comprehensive Survey of Various Localization Methods in Vehicular Ad Hoc Network" in International Journal of Computer Networks and Applications (IJCNA) **(Scopus),** on November 2021.

15. **Mr.A.Dinesh kumar** published a Paper titled "Design and Implementation of U-Slot Microstrip Patch Antenna using co-axial Feeding Technique for WLAN Applications" in International Journal of Health Sciences**(Scopus),** on May 2022.

16. **Mr.A.Dinesh kumar** published a Paper titled "Comparative Analysis on Light Weighted Deep Learning Model for Implementation in Real-Time Video Surveillance Systems" in International Journal of Mechanical Engineering **(Scopus)**, on May 2022.

17. **Mr.K.Immanuel** published a Paper titled "Comparative Analysis on Light Weighted Deep Learning Model for Implementation in Real-Time Video Surveillance Systems" in International Journal of Mechanical Engineering **(Scopus)**, on May 2022.

18. **Mr.K.Immanuel** published a Paper titled "Design and Implementation of U-Slot Microstrip Patch Antenna using co-axial Feeding Technique for WLAN Applications" in International Journal of Health Sciences**(Scopus),** on May 2022.

19. **Mr.J.Bino** published a Paper titled "Detection Methods for Software Defined Networking Intrusions (SDN)" in 2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI) **(Scopus)**, on April 2022.

20. **Ms. J Silva Dena** published a Paper titled "Sentiment Analysis using a Machine Learning Approach in Python" in 2022 International Conference on Communication, Computing and Internet of Things (IC3IoT)- IEEE Xplore **(Scopus)**, on March 2022.

21. **Ms.A.Gloria** published a Paper titled "Sentiment Analysis using a Machine Learning Approach in Python" in 2022 International Conference on Communication, Computing and Internet of Things (IC3IoT)- IEEE Xplore **(Scopus)**, on March 2022.

Publications in Conference
International level

1. **Dr.C.Gnana Kousalya** published a paper titled "Post –Accident Alert System using Client Server based Synchronous Communication Mechanism, at International and Research in Marine Electrical and Electronics Engineering ICIRMEEE 2021, AMET, University, Chennai, held on 17.6.21 & 18.06.21.

2. **Dr.C.Gnana Kousalya** published a paper titled "Women Safety Night Patrolling Robot based on Raspberry PI" in 2nd International Conference on Recent Trends in Engineering and Management 2022, at Christ The King Engineering College, Karamadi held on 6.5.22 & 7.5.22.

3. **Dr.C.Gnana Kousalya** published a paper titled "Smart Mask for COVID-19 E-wear" in International Conference on Lecture Notes in Electrical Engineering, **(Springer)** held on 24.03.22.

4. **Dr.G.Rohini** published a paper titled "Post –Accident Alert System using Client Server based Synchronous Communication Mechanism, at International and Research in Marine Electrical and Electronics Engineering ICIRMEEE 2021, AMET, University, Chennai, held on 17.6.21 & 18.06.21.

5. **Dr.G.Rohini** published a paper titled "Intellectual Spy Robot For Military Operation, at International Conference Contemporary Engineering and Technology ICCET 2022, Prince Shri Venkateshwara Padmavathy Engineering College, Chennai.

6. **Dr.G.Rohini** published a paper titled "Smart Mask for COVID-19 E-wear" in International Conference on Lecture Notes in Electrical Engineering, **(Springer)** held on 24.03.22.

7. **Dr. P.G.V Ramesh** published a paper titled "Performance Analysis of Fiber-Optic DWDM System" in International Conference on Virtual International Conference on Futuristic Communication and Network Technologies, held on 10.12.21 &11.12.21.

8. **Dr. M.Samayaraj Murali Kishanlal** published a paper titled "Analysis of human retinal morphology using random forest classifier" in AIP Conference Proceedings, on May 2022.

9. **Mr M.Senthil murugan** published a paper titled "Space Vector Control for High-Level Diode Clampers Inverters" in International Conference on Artificial Intelligence and Smart Systems (ICAIS 2022)- IEEE xplore, JCT College of Engineering and Technology, Coimbatore, held on 23.02.2022 to 25.02.2022.

10. **Mr M.Senthil murugan** published a paper titled "A Prediction of Phishing Websites by Optimal Feature Extraction using Recurrent Neural Network" in International Conference on Trends in Electronics and Informatics (ICEI), held on 28.12.2021 to 29.12.2021.

11. **Mr.T.Siva** published a paper titled "Design and Implementation of U-Slot Microstrip Patch Antenna using Co-axial Feeding Technique for WLAN Applications, International Conference Contemporary Engineering and Technology ICCET 2022, Prince Shri Venkateshwara Padmavathy Engineering College, Chennai.

12. **Mr.D.Suresh** published a paper titled "Design and Implementation of U-Slot Microstrip Patch Antenna using Co-axial Feeding Technique for WLAN Applications, International Conference Contemporary Engineering and Technology ICCET 2022, Prince Shri Venkateshwara Padmavathy Engineering College, Chennai.

13. **Mr.D.Suresh** published a paper titled "IoT based Anti-Theft Flooring System " in International Conference of Emerging trends in science technology and applications (ICETSTA 2022), Sree Sakthi Engineering College, Coimbatore, held on 27.05.2022 & 28.05.2022.

14. **Mr.D.Suresh** published a paper titled "Smart Renewable energy monitoring and switching devices for commercial places " in International Conference on Innovative Research in Power and energy Engineering 2.0 (IRPEE-2.0'22), Arasu Engineering College, Kubakkonam, held on 27.05.2022 & 28.05.2022.

15. **Mr.A.Dinesh kumar** published a paper titled "Design and Implementation of U-Slot Microstrip Patch Antenna using Co-axial Feeding Technique for WLAN Applications, International Conference Contemporary Engineering and Technology ICCET 2022, Prince Shri Venkateshwara Padmavathy Engineering College, Chennai.

16. **Mr.K.Immanuel** published a paper titled "Design and Implementation of U-Slot Microstrip Patch Antenna using Co-axial Feeding Technique for WLAN Applications, International Conference Contemporary Engineering and Technology ICCET 2022, Prince Shri Venkateshwara Padmavathy Engineering College, Chennai.

17. **Mr. J.Bino** published a paper titled "Detection Methods for Software Defined Networking Intrusions (SDN)" in IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2022, held on 28.01.2022 & 29.01.2022.

18. **Mr. J.Bino** published a paper titled "Analysis of Efficient Security Using Machine Learning Methods" in International Conference on Trends in Electronics and Informatics, ICOEI 2022, held on 28.04.2022 to 30.04.2022.

19. **Ms. S.Sathiya Priya** published a paper titled "Design and Development of Microstrip Array Antenna for Satellite Applications" in International Conference on Communication and Computing Technologies for Sustainable Development, Sri Krishna college of Technology, Coimbatore, 25.2.22 & 26.2.22.

20. **Ms. J.Silva Deena** published a paper titled "Conflict Automation with Alloy Perception for Defence Utilization, in Emerging trends in science technology and applications (ICETSTA 2022), Sree Sakthi Engineering College, Coimbatore, held on 27.05.2022 & 28.05.2022.

21. **Ms. J.Silva Deena** published a paper titled "Sentiment Analysis using a Machine Learning Approach in Python" in 2022 International Conference on Communication, Computing, and Internet of Things (IC3IoT), held on 10.03.22 & 11.03.22.

22. **Ms.A.Gloria** published a paper titled "Sentiment Analysis using a Machine Learning Approach in Python" in 2022 International Conference on Communication, Computing, and Internet of Things (IC3IoT), held on 10.03.22 & 11.03.22.

23. **Ms. Jemima Havila Catherine** published a paper titled "IoT and voice controlled based health on wheels for lame patients" in Emerging trends in science technology and applications (ICETSTA 2022), Sree Sakthi Engineering College, Coimbatore, held on 27.05.2022 & 28.05.2022.

24. **Ms. Jemima Havila Catherine** published a paper titled "Monitoring and controlling of transformer enhanced with IoT technology " in Emerging trends in science technology and applications (ICETSTA 2022), Sree Sakthi Engineering College, Coimbatore, held on 27.05.2022 & 28.05.2022.

National level

1. **Ms.G.Sneha** published a paper titled "Driving Behaviour Monitoring for Intelligent Transportation" in 2nd National Conference on Recent Advancements in Science, Engineering & Technologies (RASET 2022), Bannari Institute of Technology, Coimbatore**.**

Faculty Development Programme /Workshops Attended By Staff Members

S. No	Staff Name	Designation	FDP/Workshop Name	Organizer Details	Dates	Duration
1.	Dr. C. Gnana Kousalya	Professor	System Design for Healthcare and Assistive Technologies	SSN College of Engineering, Chennai	14-06-2021 to 18-06-2021	5 Days
			Embedded System Design using Intel SoC FPGAs	SSN College of Engineering, Chennai	01-02-2022 to 05-02-2022	5 Days
			Emerging Wireless Communications: 6G and Beyond	NIT, Rourkela (SERB Sponsored)	09-05-2022 to 13-05-2022	5 Days
2.	Dr. G. Rohini	Professor	System Design for Healthcare and Assistive Technologies	SSN College of Engineering, Chennai	14-06-2021 to 18-06-2021	5 Days
			Embedded System Design using Intel SoC FPGAs	SSN College of Engineering, Chennai	01-02-2022 to 05-02-2022	5 Days
			Emerging Wireless Communications: 6G and Beyond	NIT, Rourkela (SERB SPONSORED)	09-05-2022 to 13-05-2022	5 Days
3.	Dr. P.G.V Ramesh	Professor	Emerging Trends & Materials for wearable Electronics	VIT, Chennai	27-01-2022 to 31-01-2022	5 Days
			Research Trends in optical Technologies and its Applications	VIT, Chennai	19-01-2022 to 22-01-2022	3 Days
4.	Dr. C T Kavitha	Associate Professor	Embedded System Design using Intel SoC FPGAs	SSN College of Engineering, Chennai	01-02-2022 to 05-02-2022	5 Days
			Patent Drafting for Beginners	NPTEL-AICTE	Jan –Feb 2022	3 Days
5.	Dr.G.S. Uthayakumar	Associate Professor	Augmented Reality and Virtual Reality in Pioneering Application Domains	AICTE Training and Learning (ATAL) Academy	24-08-2021 to 28-08-2021	5 Days
			EC8352 Signals & Systems	Centre for Faculty Development , Anna University, Chennai	07-06-2021 to 12-06-2021	6 Days
			Big Data Computing	NPTEL-AICTE	Aug-Oct 2021	6 Days
			Deep Learning & its Applications	Electronics & ICT Academics , IIT Kanpur	23-08-2021 to 03-09-2021	2 weeks
6.	Dr. Jeba Johannah J	Associate Professor	Intellectual Property	CSIR, Odhisa	25-06-2021 to 30-06-2021	6 Days
			System Design through VERILOG	NPTEL-AICTE	Jul-Sep 2021	6 Days

7.	Dr.Samayaraj Murali Kishanlal	Associate Professor	Emerging Technologies	Jeppiaar Institute of Technology , Chennai	28-2-2022 to 05-03-2022	6 Days
			Embedded System Design using Intel SoC FPGAs	SSN College of Engineering, Chennai	01-02-2022 to 05-02-2022	5 Days
8.	Dr. M.V. Karthikeyan	Associate Professor	Wearable Devices	AICTE Training and Learning (ATAL) Academy	17-01-2022 to 21-01-2022	5 Days
			Emerging Technologies	Jeppiaar Institute of Technology , Chennai	28-2-2022 to 05-03-2022	6 Days
9.	Mr.M.Senthil Murugan	Associate Professor	CS8202 Machine Learning Techniques	Centre of Faculty Development , Anna University , Chennai	07-06-2021 to 12-06-2021	6 Days
			Embedded System Design using Intel SoC FPGAs	SSN College of Engineering, Chennai	01-02-2022 to 05-02-2022	5 Days
			Emerging Technologies	Jeppiaar Institute of Technology , Chennai	28-2-2022 to 05-03-2022	6 Days
10.	Mrs. S.Tephillah	Assistant Professor	5G Cognitive Communication	AICTE-ISTE, Chalapathi Institute of Technology, Andhara Pradesh	17-01-2022 to 22-01-2022	6 Days
11.	Mrs. G.Akilandeswary	Assistant Professor	5G Cognitive Communication	AICTE-ISTE, Chalapathi Institute of Technology, Andhara Pradesh	17-01-2022 to 22-01-2022	6 Days
			Emerging Technologies	Jeppiaar Institute of Technology , Chennai	28-2-2022 to 05-03-2022	6 Days
12.	Mr.T.Siva	Assistant Professor	Emerging Technologies	Jeppiaar Institute of Technology , Chennai	28-2-2022 to 05-03-2022	6 Days
			Research Trends in optical Technologies and its Applications	VIT, Chennai	19-01-2022 to 22-01-2022	3 Days
			Embedded System Design using Intel SoC FPGAs	SSN College of Engineering, Chennai	01-02-2022 to 05-02-2022	5 Days
13.	Mrs.P.Princy Magadline	Assistant Professor	CS8082- Machine Learning Techniques	Centre of Faculty Development , Anna University , Chennai	07-06-2021 to 12-06-2021	6 Days
			Novel Nanomaterials – based Flexible and Wearable Devices for Health Applications	VIT, Chennai	05-07-2021 to 09-07-2021	5 Days

14.	Mrs.P.Princy Magadline	Assistant Professor	Embedded System Design using Intel SoC FPGAs	SSN College of Engineering, Chennai	01-02-2022 to 05-02-2022	5 Days
15.	Mr. D.Suresh	Assistant Professor	Digital Tools for Active Teaching, Evaluation and Research	Sri GVG Visalakshi College of Women, Tamil Nadu	28-06-2021 to 30-06-2021	3 Days
			Digital VLSI Design and Verification	Bangalore Institute of Technology, Bangalore	23-08-2021 to 27-08-2021	5 Days
			Embedded System Design using Intel SoC FPGAs	SSN College of Engineering, Chennai	01-02-2022 to 05-02-2022	5 Days
			Post COVID Green and Sustainable Development Practices in Manufacturing Industries	CVR College of Engineering , Telangana	17-01-2022 to 21-01-2022	5 Days
			Emerging Technologies	Jeppiaar Institute of Technology , Chennai	28-2-2022 to 05-03-2022	6 Days
16.	Mrs. A. Maria Christina Blessy	Assistant Professor	Embedded System Design using Intel SoC FPGAs	SSN College of Engineering, Chennai	01-02-2022 to 05-02-2022	5 Days
			Emerging Technologies	Jeppiaar Institute of Technology , Chennai	28-2-2022 to 05-03-2022	6 Days
17.	Mr. A.Dinesh kumar	Assistant Professor	Emerging Trends & Materials for wearable Electronics	VIT, Chennai	27-01-2022 to 31-01-2022	5 Days
			Advancements on Antenna Technologies for Future Applications	Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada	14-02-2022 to 19-02-2022	6 Days
			Research Trends in optical Technologies and its Applications	VIT, Chennai	19-01-2022 to 22-01-2022	3 Days
18.	Mr.K.Immanuel	Assistant Professor	Embedded System Design Methodologies using Intel FGPAs and Embedded Processors	Ramaiah Institute of Technology, Bengaluru	02-08-2021 to 06-08-2021	5 Days
			Embedded System Design using Intel SoC FPGAs	SSN College of Engineering, Chennai	01-02-2022 to 05-02-2022	5 Days
			Emerging Technologies	Jeppiaar Institute of Technology , Chennai	28-2-2022 to 05-03-2022	6 Days

19.	Mr. J.Bino	Assistant Professor	Augmented Reality / Virtual Reality its Application	AICTE Training and Learning (ATAL) Academy	04-10-2021 to 08-10-2021	5 Days
			Embedded System Design using Intel SoC FPGAs	SSN College of Engineering, Chennai	01-02-2022 to 05-02-2022	5 Days
			Emerging Technologies	Jeppiaar Institute of Technology , Chennai	28-2-2022 to 05-03-2022	6 Days
			Research Trends in optical Technologies and its Applications	VIT, Chennai	19-01-2022 to 22-01-2022	3 Days
20.	Mr. Charles Vinoth J	Assistant Professor	Recent trends in Microwave and Beyond Techniques	SRM University, Andhra Pradesh	15-11-2021 to 20-11-2021	6 Days
21.	Ms. G.Sneha	Assistant Professor	Recent Trends in Artificial Intelligence , IoT, and Data Analytics	Shri Vishnu Engineering College of Women,	09-02-2022 to 13-02-2022	5 Days
			Embedded System Design using Intel SoC FPGAs	SSN College of Engineering, Chennai	01-02-2022 to 05-02-2022	5 Days
			Emerging Technologies	Jeppiaar Institute of Technology , Chennai	28-2-2022 to 05-03-2022	6 Days
22.	Ms. S Sathiya Priya	Assistant Professor	Embedded System Design using Intel SoC FPGAs	SSN College of Engineering, Chennai	01-02-2022 to 05-02-2022	5 Days
			Recent Trends in Artificial Intelligence , IoT, and Data Analytics	Shri Vishnu Engineering College of Women,	09-02-2022 to 13-02-2022	5 Days
			Applications of Artificial Intelligence, Machine Learning and Block chain Technology in Production and Supply Chain Management	NIT, Warangal & Institute of Aeronautical Engineering, Hyderabad	18-01-2022 to 29-01-2022	40 hours
23.	Ms. J.Silva Deena	Assistant Professor	Recent Trends in Artificial Intelligence , IoT, and Data Analytics	Shri Vishnu Engineering College of Women,	09-02-2022 to 13-02-2022	5 Days
			Embedded System Design using Intel SoC FPGAs	SSN College of Engineering, Chennai	01-02-2022 to 05-02-2022	5 Days
			Research Trends in optical Technologies and its Applications	VIT, Chennai	19-01-2022 to 22-01-2022	3 Days
24.	Ms. A.Jemima Havila Catherine	Assistant Professor	Recent Trends in Artificial Intelligence , IoT, and Data Analytics	Shri Vishnu Engineering College of Women,	09-02-2022 to 13-02-2022	5 Days

25.	Ms. A.Jemima Havila Catherine	Assistant Professor	Emerging Technologies	Jeppiaar Institute of Technology , Chennai	28-2-2022 to 05-03-2022	6 Days
26.	Ms.A.Gloria	Assistant Professor	Recent Trends in Artificial Intelligence , IoT, and Data Analytics	Shri Vishnu Engineering College of Women,	09-02-2022 to 13-02-2022	5 Days
			Emerging Technologies	Jeppiaar Institute of Technology , Chennai	28-2-2022 to 05-03-2022	6 Days
			Embedded System Design using Intel SoC FPGAs	SSN College of Engineering, Chennai	01-02-2022 to 05-02-2022	5 Days

Events conducted in our college

Event	Topic	Date
Conference	2022 **International Conference** on Innovative Computing, Intelligent Communication and Smart Electrical systems (ICSES -2022)	15.07.2022 To 16.07.2022
FDP	Six day online Faculty Development Program on the topics **Biopython, Moodle, Arduino and E-Sim in association with Spoken Tutorial, IIT Bombay & MHRD Govt. of India.**	28.06.2021 to 03.07.2021
Workshop	**IEEE** International Workshop on Deep Learning for Wireless Communication in MATLAB	27.03.2021

FDP on the topics Biopython, Moodle, Arduino and E-Sim in association with Spoken Tutorial, IIT Bombay & MHRD Govt. of India.

Memorandum of Understanding

1.   PANTECH PROLABS INDIA Pvt. Ltd,

Our College has signed MoU with Pantech ProLabs by Mr. MALAIYAPPAN Director, PANTECH PROLABS INDIA Pvt. Ltd, Chennai. The objective is to arrange industrial visit and project guidance for our students. Through this MoU Guest lectures, workshops, seminars and value-added course has been conducted for II, III and IV-year students.

2. AROBOT

Our College has signed MoU with Arobot by Mr M.K. Swaminathan Founder & C.E.O, Arobot, Chennai. The company will provide support in facilitating Workshops & Long-term programmes, FDP, Internship Value-Added Program & In plant training.

3.   Rajiv Gandhi Memorial Telecom Training Centre

Our College has signed MoU with BSNL by Mr G. Kanagaraj, Divisional Engineer, RGMTTC, Meenambakkam, Chennai. The RGMTTC will conducting certified courses, In-plant training, Project works, Seminars, Workshops.

4. Regional Telecom Training Centre

Our College has signed MoU with RTTC (BSNL) by Mrs Nirmala Subramaniam, Principal, Regional Telecom Training centre, Chennai. The RTTC will conduct Online certificate program & Project Guidance & In-plant Training & Internship, Employability Skills & Industrial Visit

5. CDCE AUTOMATION

Our College has signed MoU with CDCE Automation by Mr. J. Rajasekar, Head-Automation, CDCE Automation, Chennai. The objective is to arrange Industrial Visit and Project guidance for our students. Through this MoU Guest Lectures, Workshops, Seminars and Value-Added course has been conducted.

6. INTERNSHALA

Our College has signed MoU with Internshala. The prime objective is provides free student accounts with lifetime memberships and weekly Internship updates & Online Webinar on Internship preparation.

7. MODEL CAREER CENTRE- CII TITAN

Our College has signed MoU with Model Career Centre- CII Titan. The main objective is,

Professional Skills -Short term skills-oriented courses to enhance skills and employability, designed in-house, delivered by competent professional with industry & training experience.

Technical Skills -MCC suggests training partners for technical skills. The students needing technical skills can pursue the same on their own, alternatively, MCC will suggest the Training Providers through the Sector Skills Council for authentication of the Training intervention & credibility of the certificates acquired.

8.TANSTIA's

Our College has signed MoU with Tanstia. It actively participates in the committees set up by state and Central Governments and promotes the interest of Small and Tiny industries. It offers valuable guidance for entrepreneurs. It has a collaboration agreement with Friedrich Naumann Foundation, Germany to provide additional supporting services through TANSTIA - FNF service center.

9. RETECH Solutions Pvt Ltd.

Our College has signed MoU with RETECH Solutions Pvt Ltd. by Mr.E.Arunkumar, M.E (PhD), Vice president, RETECH Solutions Pvt Ltd Chennai. The objective of the company to arrange industrial visit and project guidance for our students. Through this MoU Guest lectures, workshops, seminars and value-added course has been conducted.

10. Asimov Global Technologies.

Our College has signed MoU by Mr. Balaji Varadhan, CEO and Founder, Asimov Global Technologies, Chennai. The purpose of this MOU is to establish a common platform, which facilitates establishment of Centre for Innovation initiatives pertaining to the Internet of Things (IoT), Specialization in Robotics and Aero Modelling, 3D printing & Drones.

11. MIT Square Group of Companies

Our College has signed MoU with MIT Square Group of Companies. The objective of this MoU is to promote interaction between MIT Square and Institution in mutually beneficial areas also to provide a formal basis for initiating interaction between MIT Square and Institution. In the spirit of collaboration and with mutual interest in cooperation, MIT Square and Institution enter into this Memorandum of Understanding (MoU) to promote joint educational and cultural collaboration which will help in

building 'New India' and addressing various challenges in the `Startup India', 'Make in India', 'Digital India', `Standup India', `Skill India', 'Self-reliant India', and 'Clean India' by considering Sustainable Development Goals.**List of MoUs has been signed in our department:**

S. NO.	Name of the Organization	Signed Date
1	*CII* – TITAN Model Career Centre, Chennai	19-07-2018
2	TANSTIA, Chennai	25-07-2018
3	INTERNSHALA, Gurgaon	09-08-2017
4	Pantech ProLabs India Pvt. Ltd, Chennai	03-06-2016
5	National Small Industries Corporation, Chennai	20-09-2016
6	RETECH Solutions Pvt Ltd. Chennai	22-03-2017
7	Rajiv Gandhi Memorial Telecom Training Centre, Meenambakkam, Chennai **(Renewed)**	02-09-2015 & 23-09-2019
8	Regional Telecom Training CENTRE (RTTC), Maraimalai Nagar, Chennai **(Renewed)**	02-09-2015 & 23-09-2019
9	CDCE Automation, Chennai **(Common)**	07-10-2015
10	AROBOT, Chennai	07-06-2012 & 05-06-2015
11	Asimov Global Technologies	08-02-2021 to 07-02-2025
12	MIT Square Group of Companies	28-12-2021 to 27-12-2026

Signing of MoU with MIT Square, London, United Kingdom on 28/12/2021

CENTRE FOR EXCELLENCE

Name of the Company	Name of the Lab	Facility available in Lab for Project	Key Outcomes
PANTECH PROLABS INDIA PVT. LTD.	Centre of Excellence for IoT and Wireless Sensor Networks	Node MCU, ESP 8266 Wifi Module, Arduino Uno, Raspberry Pi 3, Interface & Relay Boards Different Sensors, WSN Device, HP 280 G2MT	Smart Kitchen with inventory managing and monitoring using IoT (IEEE Student Project Funding)
			Smart Bag (INAE Youth Conclave Award)
			Versatile Insole Monitoring (TNSCST Award)

Consultancy work & funded projects

Our department has expertise in various research areas to provide knowledge and intellectual inputs which are of interest to the industry and other organizations. The following consultancy projects are carried out in our department.

S. No	Name of the Faculty	Name of the Consultancy Firm	Project Work Title	Project Value (INR)	Duration
1	Dr.C.Gnana Kousalya Dr.G.Rohini Dr.P.G.V.Ramesh Mr.K.Immanuel	Pantech e Learning Pvt Ltd	Computer Vision and RoS Integrated Driverless Vehicle	Rs.1,25,000	3 Months
2	Dr.Jeba Johannah Samuel	Secure Zone Solutions	Query for efficient algorithm for CCTV based real time face detection	Rs.30,000	3 Months
3	Dr.Samayaraj Murali Kishan Lal	EMCOG Solutions	Weather Monitoring Station using custom Webserver	Rs.10,000	2 Months
4	Dr.M.V.Karthikeyan	EMCOG Solutions	Design of Medical Device Implants	Rs.10,000	2 Months

The Following proposal applied/granted during the academic year 2021-2022 as given below

S. No	Investigator (s)	Title of the Proposal / Project Work	Funding Agency	Project Value (INR)	Current Status
1.	Dr.P.Ravichandran Dr.C.Gnana Kousalya Dr.G.Rohini Mrs.S.Tephillah Mr.K.Immanuel	IP Facilitation Centre for MSME's	MSME	Rs.65,00,000*	Under Evaluation
2.	Dr. C. Gnana Kousalya	Women Safety Night Patrolling Robot	TNSCST- SPS	Rs.7,500	Granted
3.	Dr. C.Gnana Kousalya Ms.Baby Nivetha Ms.Blessy Esther	Passageway Devices of Fishing Vessels	MSME Innovative Scheme	Rs.12,50,000	Granted
4.	Dr. C. Gnana Kousalya Dr.G.Rohini	Machine Learning based development of a wearable device for music therapy	SERB-CRG	Rs.38,14,000*	Under Evaluation
5.	Dr.C.Gnana Kousalya Dr.G.Rohini	Early Prediction of Forest Fire using SEETKAM WSN and IoT	TNSCST-STP	Rs 3,75,000*	Under Evaluation
6.	Dr.P.G.V.Ramesh Dr.Samayaraj Murali Kishan Lal Dr.M.V.Karthikeyan	On Design and Investigations of Filt-antenna for Future 5G/6G mm-Wave Applications	TNSCST-STP	Rs.3,68,000*	Under Evaluation
7.	Dr.P.G.V.Ramesh	Design of DWDM System on Demand to Mitigate Effects of FWM based on Analysis through Machine Learning Approach	SERB-MATRICS	Rs.6,00,000*	Under Evaluation
8.	Dr.Jeba Johannah Dr.C.T.Kavitha	Safety Device to protect Woman in Danger	TNSCST-STP	Rs.2,50.000*	Under Evaluation
9.	Dr.C.T.Kavitha Dr.Jeba Johannah Samuel	Sensor Fusion To Detect and Prevent Collision in Vehicles	SERB- CRG	Rs.24,34,200*	Under Evaluation

Advisory Bureau For Higher Studies

The Advisory Bureau for Higher Studies (ABHS) is functioning as a separate entity to serve the student community for getting higher educational admission in India and abroad. The main objective of ABHS is to enable the students to prepare for the tests like GRE, TOEFL, GMAT, IELTS, GATE, CAT etc. ABHS is equipped with the latest Information, books and CD's related to the above mentioned qualifying tests. For the benefit of the Hostel students, coaching classes for GRE, TOEFL, GATE and CAT have been arranged in the campus. ABHS also organizes guest lectures and seminars to equip the students for pursing higher studies in India and abroad. Various Workshops and seminars are handled by the resource persons from IDP, USIEF, Cambridge University, British Council and other higher studies agencies. In addition to this, the students are also exposed to first hand information from the Associate Director, Deans, Department heads and faculties from many educational institutes like the University of California, University of Pennsylvania Graduate school of Education, Clarkson University, Monash University, Latrobe University, Deakin University, University of Technology Sydney, Swinburne University, University of Sussex, Illinois Institute of Technology, Rochester Institute of Technology, SUNY and Southern Illinois University. The Academicians have visited our campus and also briefed the students about application procedures, scholarships, internship and campus recruitments in their respective universities.Our students have got admission into various top ranking universities in different countries like USA, Australia, UK, New Zealand, Canada, Germany, Sweden and Singapore. To name a few, University of Texas, NJIT, University of Massachusetts, North Carolina state University, Illinois Institute of technology, University of Pennsylvania, Leeds university, University of Birmingham, University of Queensland, University of Waterloo, Monash University, University of British Columbia, NUS, NTU, University of West Virginia, MRIT, University of MTU, McGill University etc.

The number of students who have got admission for higher studies during recent years is as follows:

S.No	Academic Year	No of students*
1.	2021 – 2022	45*
2.	2020 – 2021	41
3.	2019 – 2020	80
4.	2018 – 2019	66
5.	2017 – 2018	61
6.	2016 – 2017	59
7.	2015 – 2016	55

*This is the number of students who have gone for higher education immediately after the ompletion of their course.
'* The admission process is still going on.

Apart from this many students are pursuing higher studies in India like NITs, IITs, IIMs, and IIPM. The Business English Certificate (BEC), a certification from Cambridge University is a qualification in English for work. All the second year students are given BEC training for a week and then they take the BEC examination, conducted by the Cambridge University in our campus. For the past eight years, our college is the best preparatory center and we have been awarded as the **"South Asia's best 25 preparation center"** by the Cambridge University.

The List of students who received the offer letter for higher studies **[2017-2021 Batch]**

S. No	Name of the Student	Degree	Name of the Institution	Place
1	Mira. G	M.S - Electrical Engineering	New York University	USA
2	Subash R	M.Tech - IOT and Sensor systems	Vellore Institute of Technology, Vellore	India
3	Nikhitha Issac V S	MBA	St. Xavier's Catholic College of Engineering, Nagercoil	India
4	Aiswarya B	M.S in Business Analytics	University of Texas	Arlington
5	Sanjana K E	M.S - Electrical and Electronics Engineering	University of Colorado	Boulder
6	Deepikaa V	M.E - Communication and networking	Madras Institute of Technology, , Chennai	India
7	Geffania Jeraldine G	M.A Design (Interior)	Sheffield Hallam University	South Yorkshire
8	Haritaa K R	MBA	Vellore Institute of Technology, Vellore	India
9	Reshma Jebastina. S	P.G Global Business Management	Conestoga college Institute of Technology and Advanced Learning, Waterloo campus	Ontario
10	Simon Danielraj S	M.S - Electrical and Computer Engineering	University of Minnesota	Minnesota
11	Sri Dharshan V S	M.S Business Analytics	University of Texas	Texas
12	Blessing Benzer B S	M. E - VLSI Design	Sri Siva subramaniya Nadar College of Engineering	India
13	Pooja P	MBA	M O P Vaishnav College for Women	India
14	Uma Devi S	M.S. - Informational and Electrical Sciences	University of Applied Sciences Technology, Business and Design	Wismar
15	Sharine R	MBA	Alagappa University	India

Placement orientation program

The Centre for Training and Placement has conducted Aptitude crash course for first year students by SMART. Placement orientation program-II (POP II) was conducted for the final year students by SMART and trained them on soft skills, quantitative aptitude skills etc., to prepare them for placement recruitments. Also POP III, a company specific training programme was conducted by Six Phrase to crack Cognizant, Infosys, and Wipro test pattern.

The Centre for Training & Placement conducted Online aptitude assessment tests on every week for all the students through the skill rack portal.

Communication Skill Enhancement Program

Centre for Training and Placement of St Joseph's is largely responsible and committed towards the identification and catering to the need of training of students so that they are able to develop a good personality; and assist them to find right job and help them place in right companies before they pass out. We realize that in order to convert a raw student into employable graduate, several behavioural attributes need to be addressed in addition to the development of technical skills. Some of the behavioural attributes are good communication skills, developing positive attitude towards work, and understanding of moral and ethical values.

Every academic year, our college has taken an initiative to improve the communication skill of the students by organizing 48 hrs Communication skill enhancement program. The aim of this program is to empower our students to take up the future campus recruitment with confidence. All the first year students are evaluated for communication skill by the expert committee. Based on the evaluation students are categorized into three levels and students are given appropriate training. This communication enhancement program is conducted by corporate trainers from **Strides & Winspire.**

CONQUISTA 2022

DISTRIBUTION OF 2426 PLACEMENT ORDERS TO THE PLACED STUDENTS

CONQUISTA '22 – the word that makes us feel honoured with pride of our achievement. **CONQUISTA** is the ceremony of issuing offer letters to the students who were recruited through campus placement. The event was held on **19ᵗʰ May, 2022** with grandeur.

The function was presided by **Mr. Lakshminarayanan Ramalingam, Senior Vice President, Head of Delivery, CDE and DX,** from **Cognizant** who handed over the offer letters to the students in the presence of **Dr.B.Babu Manoharan, Chairman, Mrs. S. Jessie Priya, Managing Director & Mr.B.Shashi Sekar, Director** and **Dr.Vaddi Seshagiri Rao & Dr.P.Ravichandran, Principals of St Joseph's group of Institutions.** Human resources - Campus Hiring from Cognizant and Infosys were also present as 'special invitees. We are proud to inform that we have achieved a placement record of **2426** so far in this year. It is indeed a golden feather in the cap of St. Joseph's Group of Institutions.

CAMPUS PLACEMENT 2021 - 2022

We are proud to inform that **2426** students have been selected by **the Core / Product Company & Day 1** sharing companies (Cognizant, Infosys, Wipro, ZOHO, Thoughtworks, Zifo, Kaar& Top freshers) & companies like Tech Mahindra, Mphasis, HTC Global Services, Verizon, Info Trellis, Plintron, Mindtree, Tata communications,Wolters Kluwer, Excelencia, Customer Analytics, Billiontags, Spinco, ICICI securities, BNY Mellon, Naukri, Avacend, Bajaj capital, VVDN, K7, HIL, Indusind Bank, ICICI Prudential, VIVO Phones, Huawei, Valued Epistemics, Sosaley, MRF, HpInc, Manali petrochemicals, SMART, HCL-Infra, OMICS, BNPParibas, HCL, Sanmar, VWR, Emerson, Shasun, Amazon, Gislen, Captronic, Kone, Ideas2IT, Artech, SEW-Eurodrive, Krishcoinfolabs, Guptapower, Flextronics, E-Con systems, Samsung, Sitel, HDFC Bank, Bosch, Aithent, Zycus, Eurocon tiles, Aricent & Rjpinfotek through campus recruitment drive held for the academic year **2021-22** with an annual salary package, starting from **3.5 Lakhs to 18 Lakhs** for UG & PG students.

TOTAL OFFERS: 2426

We would like to congratulate the students for being selected. We would also like to appreciate the HODs, Staff Members and Placement coordinators of every Department for their sincere efforts.

Number of Individual Offers   : 2426
St. JOSEPH'S COLLEGE OF ENGINEERING   :1635
St. JOSEPH'S INSTITUTE OF TECHNOLOGY:791

2021 – 2022 CAMPUS PLACEMENT

We are glad to inform that **2426 students** have been recruited through the campus recruitment processes by **225 companies** in the academic year **2021 - 2022**. - as on **6**th **August, 2022.**

TOTAL OFFERS : 2426*

Engineering : 1635*   Technology : 791*

COMPANY DETAILS			
42HERTZ SOFTWARE	FLATIRONS SOLUTIONS	MK AUTO COMPONENTS	SOPRA STERIA
777 TRADES	FRESHWORKS	MONEXO FINTECH	SOSALEY
ABYETI TECHNOLOGIES	FSS	MOUNT BLUE TECHNOLOGIES	SPOOKFISH
ACTIVE INTELIIGENCE	Full Creative	MPHASIS	STRADEGI
ADHYAS SOFTWARE	G-CUBE SOLUTIONS	MR SOFTWARES	SWIGGY
ADOBE SYSTEMS	GEEKYANTS	MRF	SYMANTAC
ADP PVT LTD	GISFY	MUSIGMA	TATA COMMUNICATIONS
AGILYSYS	GO FRUGAL	NAPIER HEALTHCARE	TCS
AJIRA	GOLDMAN SACHS	NAUKRI	TEACHFORINDIA
ALCHIMICA	GSPANN TECHNOLOGIES	NETAXIS IT SOLUTION	TECHUGO
ALTIMETRIK	GUESTHOUSER	NIIT LTD	TECMAESTRO
AMAR UJALA	GUVI	NINJACART	TEKION
AVICONN SOLUTIONS	HELLO PARENT	NITTANY CREATIVE SERVICES	TENMILES
BAJAJ CAPITAL	HEXAVIEW TECHNOLOGIES	NKATS GLOBAL TECH	THAPOVAN INFO SYSTEMS
BANKBAZAAR.COM	HEXAWARE TECHNOLOGIES	NUTPAM	TIMES INTERNET
BLUETECH	HFFC	ODESSA	TNQ
BNP PARIBAS	HOST ANALYTICS	ODYSSEY	T-SYSTEMS ICT INDIA
BOSCH	HSBC	OMICS	TUBE INVESTMENTS
BRUHAT LOGISTICS	IBM	OPTIMUS INFORMATION INC	VALUE LABS
CADTECH INDIA	ICICI SECURITIES	ORIGIN LEARNING	VERITAS FINANCE
CALOTROPIS SOFTWARE	IDBI FEDERAL LIFE INSURANCE	PINNACLE WORKS	VERIZON
CLOFUS INNOVATIONS	IN TIME TEC	PLEASANT HEALTH CARE	VERNALIS
COCUBES	INDUSTRY ARC	POSITIVENAICK	VIJAY RAJA HOMES
CODEBRAHMA	INFINITI SOFTWARE	QBRICS	VIRTUSA
CODING MART	INFOSYS	QMAX SYSTEMS	VISUAL BI
COGNIXIA	INPUT ZERO TECHNOLOGIES	QUAPT TECHNOLOGIES	VSAN SENSORS
COGNIZANT	INTELLECT	RESEARCH SERVICES	VVDN TECHNOLOGIES
COMITS AG PVT LTD	INVENTION LABS	RGF-PROFESSIONAL	VWR
CONVERTCART	JARO EDUCATION	RHOMBUS LABS	WEBALLURES TECHNOLOGIES
CYIENT	JRA-ANALYTICS	ROBERT BOSCH	WEBVILLEE TECHNOLOGY
DATA PATTERN	JUSPAY	SAINT GOBAIN	WEST AGILE LABS
DBS BANK	JUSTDIAL	SAMARTH	WHIRLDATA SCIENCE
DHL LOGISTICS	K7 COMPUTING	SAMSUNG R&D	WIPRO
DIGIRYTE	KAAR TECHNOLOGIES	SANMAR	WIZELY
DISPATCH TRACK SOFTWARES	KELTON TECHNOLOGIES	SCAPIC INC	YELLOW MESSENGER
DOODLEBLUE	KREA EKNOWLEDGE	SCHUECO	ZALARIS
DXC TECHNOLOGIES	LAVA INTERNATIONAL	SEW EURODRIVE	ZIFO R&D
E-CON SYSTEMS	LnT INFOTECH	SIEMENS	ZOHO
EDLOCUS SOLUTIONS	LUCID TECHNOLOGIES	SIGARAM TECHNOLOGIES	SYNTEL
ELITISTS	MAARGA SYSTEM	SOFTCRYLIC	TORRY HARRIS
EQUITAS BANK	MASTECH INFOTRELLIS	SOFTEON	FOUR KITES
EVENTJINI	MCS SOLUTIONS	SOLITON	COGNIZANT-NEXT
EXPEDITORS	MELSS	SOLUTIONCHAMPS TECHNOLOGIES	MAARGA
FABULYST	MIND TREE	SONY	SUEZ
ASPIRE SYSTEMS	NTT DATA	MBIT WIRELESS	EXCELACOM
DATA MATICS	Mr.Cooper	RELIANCE	PATHCARE
BIG BAZAAR	MAKERDEMY	RANE	JBM AUTO
ENA GAME STUDIO	VALUED EPISTEMICS	TEAM LEASE	IONIXX
SPIC Limited	YES BANK	NETTYFISH NETWORKS	LENNOX
ZOHO - Technical Support	SONATA	EMERSON	KBR
THOUGHTWORKS	VSAN	S10	ATTRA
PAYPAL	ZOOMRx	MULTICOREWARE	ZILKER
AVASOFT	QUBE CINEMAS	EMBEDUR	DIVERTA
MENTIS	NEWGEN	LATENTVIEW	EDIFICE
CGI	KEYENCE	HP	LADDER SURVEY
ATOS SYNTEL	ICA SPECIALTIES	KOOGLE TECH	RAKSHA TECH
AD2PRO MEDIA	NATARAJ OIL MILLS	PULSES	ECO LAB
SKILL-LYNC	BAJAJ ALLIANZ	OPPO MOBILES	SAI DIGITAL
TECH MAHINDRA	MCDERMOTT	BNY MELLON	4 I APPS
INDIA CEMENTS	SIX RED MARBLES	VNPA ENTERPRISES	GEO ADITHYA
HCL	RENAULT NISSAN	MATRIMONY	CISCO
SCHNEIDER ELECTRIC	TEMENOS	RIBBON COMMUNICATION	SIRIUS

PLACEMENT DETAILS OF ECE 2021-2022

The Management and faculty of Electronics and Communication Engineering Department congratulate the following students for getting placed in reputed companies through campus interviews. We wish them all the very best for their future endeavors.

Details of Students Placed in 2018-2022 Batch

S.No	NAME OF THE CANDIDATE	COMPANY PLACED	SALARY(LPA)
1.	ABIRAMI HARIHARAN	CTS	400000
2.	ABISHEGA J	ACCENTURE	450000
3.	ADHAVAN	KPIT	450000
4.	AISWARYA GANESH	WIPRO	500000
		HCL	500000
		HARMAN CONNECTED SERVICES	500000
5.	AKSHAYA R	COGNIZANT	450000
		WIPRO	450000
		ACCENTURE	450000
6.	ANDREA PAULIN	COGNIZANT	400000
7.	APARNA DEVADAS	COGNIZANT	400000
8.	ARAVINDH.M	ATOS,	425000
9.	ARAVINDHAN A T	COGNIZANT	400000
10.	ARUL MOZHI.P	HCL	500000
		HARMAN CONNECTED SERVICES	500000
11.	ARUNKUMAR P	HCL	600000
12.	ASWIN R	COGNIZANT	400000
13.	BABY NIVETHA D	COGNIZANT	450000
		ACCENTURE	450000
14.	BALAGANESH R	COGNIZANT	400000
		INFOSYS	400000
15.	BALAJI	THIRDWARE	400000
16.	BALAMURUGAN P	COGNIZANT	500000
		HARMAN CONNECTED SERVICES	500000
17.	BHARATH S.J	COGNIZANT	400000
18.	BHARATHI R	COGNIZANT, WIPRO	400000
19.	BIANCA S I	TCS- NINJA	336000
20.	BLESSY ESTHER	COGNIZANT	400000
	SELVIN JACOB	HARMAN CONNECTED SERVICES	400000
21.	CHANDINI K	COGNIZANT	400000
22.	DARSANI V	COGNIZANT ,	450000
		MU- SIGMA, ACCENTURE	450000
23.	DEEPIKA G S	WIPRO	325000
24.	DENISHA JEMI D	COGNIZANT	400000
25.	DHANUSH B	WIPRO	325000
		ACCENTURE	450000
26.	DHEJAS VAISHNAVI R A	COGNIZANT	400000
27.	DIVYA DHARSHINI.J	PRODAPT	400000
		INFOSYS	360000
		CMIT	400000
28.	DWARAGAANATH SAMPATH	TCS- NINJA	336000
		HARMAN CONNECTED SERVICES	400000
29.	ELAKKIYA P	COGNIZANT	400000
		HARMAN CONNECTED SERVICES	400000
30.	ELAMATHY D	COGNIZANT	400000
31.	GANGA DEVI K	COGNIZANT	400000
32.	GAYATHRI KARTHIKEYAN	COGNIZANT	400000
33.	GAYATHRI . R	DIGIENT TECHNOLOGIES	300000

34.	GLORY ANGEL J	COGNIZANT	400000
35.	GODLIN SNEHA E	COGNIZANT	400000
36.	GOPINATH M S	ACCENTURE	450000
		COGNIZANT	400000
37.	GOWARDHANAN NESAMANI	COGNIZANT	630000
		TEMENOS	400000
38.	GRAHAM STAINES SMITH	COGNIZANT	640000
		WIPRO	325000
		KPMG	400000
		TIGER ANALYTICS	400000
		WILEY MTHREE	400000
39.	HARCHANA S	COGNIZANT	400000
40.	HARIHARAN R	COGNIZANT	400000
41.	HARINI GOVINDARAJ	COGNIZANT	400000
42.	HARI PRIYA B	PRODAPT	400000
43.	HARISH SRINIVAS RAVI	ACCENTURE	450000
44.	HARSHITA R	COGNIZANT	400000
45.	HEMALATHA B	COGNIZANT	650000
		LATENTVIEW	550000
46.	HEMALATHA G	COGNIZANT	400000
47.	HEMANT RAM P S	L & T	500000
48.	ISHITA S	COGNIZANT	400000
49.	JANESHA MARINO X	PRODAPT	400000
50.	JAYASEELAN SELVAKUMAR	COGNIZANT	400000
51.	JENEEFA T	COGNIZANT	675000
		WIPRO	325000
52.	JERY MESHAC	COGNIZANT	400000
53.	JESWIN REMO	COGNIZANT	400000
		WIPRO	325000
54.	JESWIN ROY JOSEPH J	COGNIZANT	400000
55.	JEYALALITHA	PRODAPT	500000
		CRMIT	400000
56.	JEYSURYA SUNDAR	ACCENTURE	450000
57.	KARTHICK PERUMAL	MINDTREE	400000
58.	KARTHIK .R	TVS	300000
59.	KEERTHANA A	COGNIZANT	400000
		WIPRO	325000
60.	KEERTHANA P	COGNIZANT	400000
61.	KEERTHANA T	COGNIZANT	600000
		NOKIA	600000
62.	KETZIA J	COGNIZANT	400000
63.	KISHORE R	COGNIZANT	400000
64.	KISHORRE KUMAR T	COGNIZANT	400000
65.	KUTTIRAJA R	COGNIZANT	400000
66.	LAKSHMAN B	COGNIZANT	625000
		WIPRO	325000
		ACCENTURE	450000
		MITSOGO	400000
67.	LAKSHMANAN	CRMIT	500000
68.	LAKSHMI	ZELFSTUDIE	300000
69.	LOKESH D	COGNIZANT	400000
70.	MADHANA KUMAR	COGNIZANT	400000
		WIPRO	325000
71.	MADHUMITHA S	COGNIZANT	400000
72.	MADHU SRI S	COGNIZANT	400000
73.	MAHISH K	COGNIZANT	400000

74.	MANOJ A	PRODAPT	500000
75.	MARY SUSMA ROSE S	COGNIZANT	400000
76.	MOHAMED ASLAM	SOFTURA	450000
		ERNEST & YOUNG	450000
77.	MONISHA G	COGNIZANT	400000
78.	MONISHA PRIYA.U	COGNIZANT	400000
79.	MOULI DHARAN M	HEXAWARE	400000
80.	MUTHUKUMAR S	COGNIZANT	400000
81.	NAVEEN KUMAR. M	COGNIZANT	400000
		WIPRO	325000
82.	NIRANJANA R	COGNIZANT	400000
83.	PAVITHARADEVY I	COGNIZANT	400000
		WIPRO	325000
84.	PRATHIKSHA B	COGNIZANT	600000
		WIPRO	325000
		NOKIA	600000
85.	PREETHI R	COGNIZANT	400000
86.	PRIYA L	COGNIZANT	450000
		WIPRO	325000
		ACCENTURE	450000
87.	ROOPIKA PUSHADAPU	COGNIZANT, ACCENTURE	450000
88.	RADHIKA PYNAMPURAM	XCEL TECHNOLOGIES	350000
89.	RAGAMALIKA R	COGNIZANT	600000
90.	RAJA MUTHU S	COGNIZANT	400000
91.	RAKSHANA R	COGNIZANT	400000
92.	RAKSHANRAJ	PINCLICK	300000
93.	REEMA	CSS	400000
94.	REENA SHERIN.D	COGNIZANT	450000
		TCS NINJA	500000
		ACCENTURE	450000
95.	REVATHY. J	PRODAPT	600000
		NOKIA	600000
96.	RHENIUS R	L & T	500000
97.	RISHIKA SRIVASTAVA	COGNIZANT	450000
		ACCENTURE	450000
98.	ROHINI H	COGNIZANT	400000
99.	SAISHREE	THIRDWARE SOLUTIONS	400000
100.	SAM PATRICK S	COGNIZANT	400000
		WIPRO	325000
101.	SANDHIYA SASIKUMAR	PRODAPT	630000
		TEMENOS	400000
102.	SANJAI B	COGNIZANT	400000
103.	SANJAY G	COGNIZANT	400000
104.	S S SANJAY KUMAR	BOTREE SOFTWARE	400000
105.	SANTHOSHKUMAR VELAYUTHAM	COGNIZANT	400000
		INFOSYS	360000
106.	SATHIYA SEELAN	L & T	400000
107.	SELVA CHUDAR V	COGNIZANT	400000
		ACCENTURE	450000
108.	SHAHANA G	COGNIZANT	400000
109.	SHALINI.R	PRODAPT	400000
110.	SHANMUGA PRIYA M	COGNIZANT	400000
		INFOSYS	360000
111.	SHANTHINI K	COGNIZANT	400000
112.	SHARATH KUMAR V	PRODAPT	400000

113.	SHARMILA DEVI.S	COGNIZANT	400000
114.	SHERINE S S	ATOS	400000
		L & T	500000
115.	SHIVARAM M	COGNIZANT	400000
116.	SHRUTHI K	COGNIZANT, ACCENTURE	400000
117.	SIVARAM P	ATOS	310000
118.	SRIDARAN K	HCL, ZOHO	840000
119.	SRINIVASA PRABU J	HCL	650000
120.	SRIRAM RAMESHRAM	COGNIZANT	400000
121.	SRI RAM K	COGNIZANT	400000
122.	STEPHEN HIJAM S	TCS- NINJA	336000
123.	SUBHASHREE M	COGNIZANT	600000
		NOKIA	600000
124.	SUBIKSHAA V	COGNIZANT	400000
125.	SUJITHRA C K	COGNIZANT	630000
		WIPRO	325000
		TEMENOS	400000
126.	SULAIMAN S	COGNIZANT	630000
		WIPRO	325000
		TEMENOS	400000
127.	SWETHA S	INFOSYS	360000
128.	SWETHA S	COGNIZANT	630000
		TEMENOS	400000
129.	SWETHA S M	COGNIZANT	400000
130.	THABU DHARSHINI	Q-SPIDERS,	500000
		ERNEST & YOUNG	400000
131.	THARANI S	COGNIZANT	400000
132.	THARUN AVK	MINDTREE	400000
133.	VARGINI ABIYA M	WIPRO	350000
134.	VIGNESHWARAN K	PRODAPT	400000
135.	VIKRAM CHANDRAN	HCL	600000
136.	VINISHA R	COGNIZANT	400000
137.	VINISHA.V	ATOS	400000
138.	VISHAL B	COGNIZANT	400000
139.	VISHNU PRAKASH. R	ATOS	310000
140.	VISHNU VARTHAN.S	TECH MAHINDRA	325000
		PINCLICK	300000
141.	WASIM AKRAM N	TCS – NINJA	336000
		PRODAPT	400000
		WIPRO	350000
142.	YASMIN IMMACULATE S	COGNIZANT	400000
		ACCENTURE	450000
143.	YAZHINI DEVI B V	PRODAPT	750000
144.	YESHWANTH.V	ATOS	310000
145.	YOGAPRIYA.T	COGNIZANT	750000
		WIPRO	350000

PLACEMENT CIRCULAR 2022 - 2023

We are proud to inform that **1430** students have been selected by **Product / Core Companies** (Soliton, Zoho, Josh Technology, embedUR, ShopUP, Rootquotient, CodingMart, Mr.Cooper, Kaar, Mobiveil, Avasoft, Sirius, Eurofins, HCL(Embedded), Tiger Analytics, Presidio, Thoughtworks, Zifo RnD, Latentview, Multicoreware, Sterlite, Infotrellis, Foodhub, Propel, Tata Comminications, Soprasteria, Torry Harris, Vuram, VisAI, Technip Energies, Neeyamo, Yara, Musigma, Prodapt, Majulah, Nokia, HCL, Cognizant, Accenture, Mindtree, Keyence, Vivriti, Federal Bank, Go Digit, Kanini, Newgen, BOSCH, Naukri, Infocepts, Magna, Renault Nissan, HDFC LIFE, Viewzen Labs, Honeywell, e-con Systems, Merlin Automation, Carisma & Stradegi) through campus recruitment drive held for the academic year **2022-23** with an annual salary package, starting from **3.6 Lakhs to 18 Lakhs** for UG & PG students.

2019 –2023 BATCHCAMPUS PLACEMENT

TOTAL OFFERS: 1430*

Engineering: 928*   **Technology: 502***

*As on November 7th, 2022

We would like to congratulate the students for being selected. We would also like to appreciate the Department HOD's, Department staff members & Department Placement Coordinators for their sincere efforts.

2018–2022 BATCH CAMPUS PLACEMENT

TOTAL OFFERS: 2426*

Engineering: 1635*   **Technology: 791***

*As on August 6th, 2022

Centre for Training & Placement
Placement Training Schedule - Academic Year 2022 – 2023

PLACEMENT TRAINING PROGRAMME – 1

FROM I to VI SEMESTERS – FOR ALL STUDENTS

SEM	ACTIVITY	ELIGIBILITY	TRAINING PARTNER	DURATION (In Days)	DATES
I	Communication skill Enhancement	ALL	STRIDES / WINSPIRE	6	Class Room
II	Aptitude Crash Course	ALL	SMART	6	Class Room
III	BEC Training	ALL	STRIDES / WINSPIRE / SIX PHRASE	6	Class Room
IV	C Programming	ALL	FINE MIND	6	Class Room
V	Advanced C Programming	ALL	MY SLATE	6	Class Room
VI	Department Specific Value Added Course	ALL	EXTERNAL VENDOR	6	Class Room

PLACEMENT TRAINING PROGRAMME – 2

FROM V to VII SEMESTERS – FOR ELIGIBLE STUDENTS

SEM	ACTIVITY	ELIGIBILITY	TRAINING PARTNER	DURATION (In Days)	DATES
V	Design Thinking		WILEY	30 hours	Virtual
VI	Aptitude		WILEY	30 hours	Virtual
	Data Structures		STELLAR	40 hours	Virtual
	AMCAT ASSESSMENT I		MY SLATE	40 hours	Virtual
VII	Placement Online Test	POP PAID (Total Package worth Rs 12000 – 15000)	SKILL RACK	-	Virtual
	Future Skills		EXTERNAL VENDOR	30 hours	Virtual
	Placement Orientation Program II		SMART	6 days	Class Room
	Best Fit Training		MY SLATE	6 days	Class Room
	Code Fit Training		MY SLATE	6 days	Class Room
	Co Cubes Online Assessment I		COCUBES	4 hours	Virtual
	AMCAT Assessment II		ASPIRING MINDS	4 hours	Virtual
	AMCAT Assessment III		ASPIRING MINDS	4 hours	Virtual
	Co Cubes Online Assessment II		COCUBES	4 hours	Virtual
	Resume Preparation & Mock Interview		TOP FRESHERS	-	Class Room
	Placement Orientation Program III		MY SLATE	6 days	Class Room

DEPARTMENT TOPPERS

A right honor at the right time will have an impact on life forever. The students who have catalyzed their actions into accomplishments by achieving good grades in the University Exam are motivated by the management in different ways by

- ❖ Rewarding **Gold Medalist** with a cash prize of **Rs.50,000/-** and **University Rank holders** wish a cash prize of **Rs.25,000/-** on Graduation Day.
- ❖ Awarding University Rank Holders with Shields on Graduation Day.
- ❖ Honoring the First University Topper from each Department with a special shield incorporating the name of a famous Personality.
- ❖ Issuing extra book bank library cards for semester toppers to enhance learning skills and better understanding.
- ❖ Awarding merit certificates at the end of each semester for subject toppers as well as overall toppers and special lunch for the semester toppers on that day.

TOPPERS – I ECE

ECE BATCH 2021-2025 (UPTO II SEMESTER)		
S.No.	**Name**	**CGPA**
1.	Dhanush H	9.39
2.	Venika R J	9.17
3.	Poreselvan A	9.02
4.	Venkata Krishnan R S	9.00
5.	Michael Arul Abel J	8.79
6.	Beautlin S	8.79
7.	Roshini R	8.78
8.	Swaathi T P	8.76
9.	Pratheeksha S	8.72
10.	Sibiya Trini Lydia K	8.72
11.	Yamini S	8.70
12.	Karthick M	8.70
13.	Noble Rosario D R	8.65
14.	Dolly Maria C	8.65
15.	Harini D	8.6
16.	Aadhv A	8.58
17.	Aravindhan D	8.56
18.	Naveen M	8.51

TOPPERS – II ECE

S.No.	Name	CGPA	S.No.	Name	CGPA
	ECE BATCH 2020-2024 (UPTO IV SEMESTER)				
1	Nithyasri N	9.27	27.	Sivaseelan V	8.76
2	Leo Joice S G S	9.26	28.	Blessy T	8.74
3	Lukmanul Hakeem M	9.25	29.	Krishnaraj K	8.73
4	Meril Steeriff J	9.15	30.	Abilash V	8.73
5	Priyankha J	9.11	31.	Huldha Y	8.73
6	Neetha N Shenoy	9.09	32.	Arul Priyanka K D	8.72
7	Monika N	9.07	33.	Sabari T	8.71
8	A.Aishwaryaa	9	34.	Angelin Ebisha V	8.7
9	Merline Monica M	8.97	35.	Sahana B	8.69
10	Meenapriyadarshini M	8.96	36.	Prem Sagar S	8.67
11	Sam Daniel P	8.96	37.	Santhosh S (1-4-2003)	8.67
12	Priyadharshini R	8.89	38.	Jana K	8.66
13	Shakthi Gavya V	8.88	39.	Saravanan S	8.65
14	Kamalesh V	8.88	40.	Kesavan M	8.65
15	Pranav Charan V	8.88	41.	Aashika R	8.65
16	Akshaya V	8.88	42.	VenkateshT	8.65
17	Mohan Raj G	8.87	43.	Anisha Matline E	8.62
18	Akshaya P S	8.83	44.	Ragul P	8.61
19	Rashika K	8.83	45.	Karthikeyan N	8.6
20	Joshuva Brighton E	8.82	46.	Sreesanthoshpandian	8.64
21	Madhumitha R	8.81	47.	Priscilla Hebzibha D	8.59
22	Pravin Saran S	8.81	48.	Christy Magdalene R	8.58
23	Samyuktha K	8.80	49.	Serena D R	8.59
24	Mohamed Safeeq S	8.78	50.	Sivasangari V	8.55
25	Gayathri S	8.78	51.	Swethaa Sri B	8.55
26	Baipothu. Roja	8.77	52.	Israa Fathima I	8.53

TOPPERS – II ECE

S.No.	Name	CGPA	S.No.	Name	CGPA
	BATCH 2019-2023 (UPTO VI SEMESTER)				
1	Denisha Priya G	9.22	27.	Anjana Krishnan R	8.74
2	Rakshini S	9.19	28.	Archana A	8.72
3	Sweety Kumari D	9.17	29.	Swethaa R	8.72
4	Hephziba Merlin J	9.14	30.	Joshita Beaulin Y	8.71
5	Monish B	9.06	31.	Dhanusya S	8.69
6	Maanesh S	9.03	32.	Mithileash T	8.67
7	Santhana Priya G	9.00	33.	Subikshan M	8.67
8	Gifty I N	8.99	34.	Aswini V	8.66
9	Jamuna N	8.97	35.	Anandhan B	8.66
10	Palaniappan Ar	8.97	36.	Nithya Ashika S	8.65
11	Priyanka D	8.97	37.	Dharshini B	8.64

12	Swetha S	8.91	38.	Kailashsundaram Sn	8.63
13	Sneka A	8.91	39.	Kandula Bhargavi	8.63
14	Haritha Lakshmi S	8.89	40.	Vishaal G	8.63
15	Deva Niroshini D	8.89	41.	Ganga G	8.61
16	Shruthi A	8.89	42.	Sangeetha V	8.61
17	Harshini SA	8.86	43.	Uvashree R	8.58
18	Pradeepkumar V	8.86	44.	Harshine R G	8.57
19	Sruthi S	8.86	45.	Sharmila Devi K	8.57
20	Harikrishnan V	8.85	46.	Sakthi G	8.57
21	Dhinakaran P	8.82	47.	Preethi R	8.55
22	Sidharthan S	8.82	48.	Raajkamal L N	8.55
23	Mohamed Safwan S	8.79	49.	Lirin S	8.55
24	Aravindh K K	8.76	50.	Sheryl Priscilla J	8.53
25	Giri Prasath V	8.76	51.	Senthilnathan G	8.51
26	Madhu Mitha R	8.75			

TOPPERS – IV ECE

BATCH 2018-2022 (UPTO VIII SEMESTER)					
S.No.	Name	CGPA	S.No.	Name	CGPA
1	Keerthana A	9.29	18	Dhejas Vaishnavi R A	8.73
2	Pushadapu Roopika	9.15	19	Reena Sherin D	8.69
3	Darsani V	9.14	20	Jeneefa T	8.68
4	Baby Nivetha D	9.01	21	Jeswin Remo V	8.67
5	Pavitharadevy I	8.93	22	Gayathri K	8.66
6	Ketzia J	8.91	23	Akshaya R	8.66
7	Aparna Devadas	8.90	24	Elakkiya P	8.65
8	Ganga Devi K	8.88	25	Swetha S	8.63
9	Lakshmi T	8.83	26	Gowardhanan N	8.62
10	Shruthi K	8.83	27	Subikshaa V	8.61
11	Naveenkumar M	8.81	28	Elamathy D	8.59
12	Blessy Esther Selvin	8.81	29	Glory Angel J	8.58
13	Jeylalitha K H	8.65	30	Yasmin Immaculate S	8.58
14	Hemalatha B	8.79	31	Hari Priya B	8.58
15	Vikram Chandran B	8.76	32	Sujithra C K	8.54
16	Bharathi R	8.75	33	Divyadharshini J	8.53
17	Ishita S	8.73	34	Monisha G	8.53

Student Activities

St. Joseph's acts as a platform for the students to bring out their hidden talents and cultivates experiential learning options outside the classroom. Student activities help, create and foster leadership and involvement opportunities that enhance personal escalation and development.

Curricular Activities

Curricular activities have a number of values like educational value, development of social spirit and worthy use of leisure time. Our students have succeeded reaching greater heights by winning awards and National and International Level Contest, publishing papers in various international journals and conferences. The following are glimpses of few honours achieved by our students.

Micro, Small & Medium Enterprises (MSME)

1.

Team Member:
1. Ms. Baby Nivetha D, **IV year ECE**
2. Ms. Blessy Esther Selvin Jacob,
   IV year ECE

Title of the Project: Passageway devices of Fishing Vessels
Organized by: Ministry of Micro, Small & Medium Enterprises **(MSME)**
Category: Agriculture
Mentor: **Dr. C. Gnana Kousalya** ,
   Professor and Head/ ECE

Grant Sanctioned:
   Rs.12,50,000/-

Tamil Nadu State Council for Science and Student Project Scheme 2021-2022

2.

Team Member:
1. Keerthana A, **IV year ECE**
2. Mary Susma Rose S, **IV year ECE**
Title of the Project: Recreating the frequency domain properties for underwater communication
Organized by: Tamilnadu State Council for Science and Technology (TNSCST)
Title of the Competition: Student Project Scheme 2022-2023
Mentor: **Dr. C. Gnana Kousalya** ,
   Professor and Head/ ECE
Cash Award: Rs.7500/-

	National Level Hackathon	
3.		**Team Members:** 1. Ganesh V, **II year ECE** 2. Derance J, **II year ECE** 3. Hemanth M, **II year ECE** 4. Aswin Raja G, **II year ECE** 5. Harsan Bruno M E, **II year ECE** **Venue:** SNS College of Technology, Coimbatore **Title:** Nova River **Position:** I Place with Rs.2000/- Trophy, Medals and certificates
	3-DAYS Global Project Manifestation-Technovacion'22	
4.		**Team Members:** 1. Jegadesh Muthu B, II year ECE 2. Meenakshi D, II year ECE 3. Israa Fathima I, II year ECE 4. Joshuva Brighton E, II year ECE **Organized by: Sri Sairam Engineering College, Chennai, in association with IEEE Education Society, IEEE SPAX, IEEE Inspire India and Coding Ninjas** **Theme:** Incredible innovation towards Rural Development **Position: Finalist**

Papers Published in Journals & Conference By Students

1. **H. Rohini and V. Selvachudar** published a Paper titled "Augmented Reality Based Driver Assistance System " in International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), on May 2022.

2. **G.Gloriya Seelan and R Bharathi** published a paper titled "Virtual Aid for Visually Impaired using IoT " in International Conference of Emerging trends in science technology and applications (ICETSTA 2022), Sree Sakthi Engineering College, Coimbatore, on May 2022.

3. **V.Vinisha and K.Shruthi** published a Paper titled "Design and stimulation of Reliable Low Power CMOS Logic Gates " in International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), on May 2022.

4. **Pushadapu Roopika and L.Priya** published a paper titled "Smart Renewable energy monitoring and switching devices for commercial places " in International Conference on Innovative Research in Power and energy Engineering 2.0 (IRPEE-2.0'22), Arasu Engineering College, Kubakkonam, on May 2022.

5. **H.Abirami and B.Prathiksha** published a paper titled "Driving Behaviour Monitoring for Intelligent Transportation" in 2nd National Conference on Recent Advancements in Science, Engineering & Technologies (RASET 2022), Bannari Institute of Technology, Coimbatore.

6. **M.Vargini Abiya and V.Yazhinidevi** published a paper titled " IOT based two way safely enabled Intelligent stove with age verification using machine learning" in International Journal of Scientific Research in Science, Engineering and Technology(IJSRSET), on May-June 2022.

Co-Curricular Activities

As the saying goes "Stand up to your obstacles and do something about them. You will find that they haven't half the strength you think they have", our students have stood up, competed and won various prizes in symposiums conducted by various Universities and Engineering colleges.

INTER COLLEGIATE SYMPOSIUM WINNERS 2021-2022

IV YEAR

SL NO	NAME OF THE STUDENT	NAME OF THE EVENT	ORGANISER	PLACE
1.	Baby Nivetha D	Project Expo 2022	B S Abdur Rahman Crescent Institute of Science & Technology	II
2.	Blessy Esther Selvin Jacob	Project Expo 2022	B S Abdur Rahman Crescent Institute of Science & Technology	II
3.	Sridaran K	Techno Wizard	Chennai Institute of Technology	Runner up

III YEAR

SL NO	NAME OF THE STUDENT	NAME OF THE EVENT	ORGANISER	PLACE
1.	Kailashsundaram S N	Technical video presentation	K Ramakrishnan College of Technology	I
		Conicothon	St Joseph's college of engineering	Consolation
		Ideathon	Sri Sai Ram Engineering College	II
2.	Kamalesh S	Conicothon	St Joseph's college of engineering	Consolation
3.	Sidarthan S	Conicothon	St Joseph's college of engineering	Consolation
		Ideathon	Sri Sai Ram Engineering College	II
4.	Yeshwanth Kumar	Conicothon	St Joseph's college of engineering	Consolation
		Ideathon	Sri Sai Ram Engineering College	II
5.	Swaminathan M G	Ideathon	Sri Sai Ram Engineering College	II
6.	Aswini V	Technical Quiz	Hindustan Institute of Technology and Science	I
7.	Hemalatha S	Technical Quiz	Hindustan Institute of Technology and Science	I
8.	Subikshan M	Technical Quiz	Misrimal Navajee Munoth Jain Engineering College	I
9.	Sumesh kumar M G K	Technical Quiz	Misrimal Navajee Munoth Jain Engineering College	I
10.	Thangamuthu B	Technical Quiz	Misrimal Navajee Munoth Jain Engineering College	I
11.	Vijay S	Fandom Quiz	Misrimal Navajee Munoth Jain Engineering College	II
12.	Priyanka D	Techno Wizard	Chennai Institute of Technology	Runner Up
13.	Anuja T J	Paper Presentation	Sri Sai Ram Engineering College	III
14.	Ganga G	Paper Presentation	Sri Sai Ram Engineering College	III
15.	Bindhiya S	Paper Presentation	Sri Sai Ram Engineering College	III

| SL NO	NAME OF THE STUDENT	NAME OF THE EVENT	ORGANISER	PLACE
II YEAR				
1.	Lukmanul Hakeem M	Hackathon	Hindustan Institute of Technology and Science	I
2.	Meena Priyadarshini M	Hackathon	Hindustan Institute of Technology and Science	I
3.	Neetha N Shenoy	Hackathon	Hindustan Institute of Technology and Science	I
4.	Kishore Kumar K	Poster Presentation	Hindustan Institute of Technology and Science	I
5.	Pravin Saran S	Poster Presentation	Hindustan Institute of Technology and Science	I
6.	Mohamed Faisal M	Poster Presentation	Hindustan Institute of Technology and Science	I
7.	Kamalesh V	Paper Presentation	Jeppiaar Institute of Technology	I
8.	Priyankha J	Paper Presentation	Jeppiaar Institute of Technology	I
9.	Krishnaraj K	Paper Presentation	Jeppiaar Institute of Technology	I
10.	Abilash V	Techstrom	Jeppiaar Institute of Technology	I
		Paper Presentation	Jeppiaar Engineering College	I
		Paper Presentation	Dhanalakshmi College of Engineering	II
11.	Ashwanth Raj D	Techstrom	Jeppiaar Institute of Technology	I
		Paper Presentation	Dhanalakshmi College of Engineering	II
		Paper Presentation	Jeppiaar Engineering College	I
12.	Ganesh V	Hackathon	Hindustan Institute of Technology and Science	I
		Paper Presentation	Dhanalakshmi College of Engineering	I
		National Level Hackathon for Design Thinkers	SNS College of Technology, Coimbatore	I
13.	Girish V	Hackathon	Hindustan Institute of Technology and Science	I
14.	Hemanth M	National Level Hackathon for Design Thinkers	SNS College of Technology, Coimbatore	I
15.	Derance T	Paper Presentation	Dhanalakshmi College of Engineering	I
		National Level Hackathon for Design Thinkers	SNS College of Technology, Coimbatore	I
16.	Aswin Raja G	National Level Hackathon for Design Thinkers	SNS College of Technology, Coimbatore	I
17.	Harsan Bruno M E	National Level Hackathon for Design Thinkers	SNS College of Technology, Coimbatore	I
18.	Antony Allwin C	Paper Presentation	Jeppiaar Engineering College	I
19.	Jegadesh Muthu B	Micro Mouse Maze	Chennai Institute of Technology	I

20.	Meenakshi D	Micro Mouse Maze	Chennai Institute of Technology	I
21.	Jagan P	Micro Mouse Maze	Chennai Institute of Technology	II
22.	Mohanraj G	Code Debug	Thanthai Periyar Government Institute of Technology, Vellore.	I
		Paper Presentation	Thanthai Periyar Government Institute of Technology, Vellore.	II
		Project Expo	Thanthai Periyar Government Institute of Technology, Vellore.	II
23.	Moses Jebaraj. G	Paper Presentation	Thanthai Periyar Government Institute of Technology, Vellore.	II
		Project Expo	Thanthai Periyar Government Institute of Technology, Vellore.	II
24.	Negha Shree V	Project Expo	Thanthai Periyar Government Institute of Technology, Vellore.	II

Extra-curricular Activities

Leadership, Healthy Recreation, Self-Discipline and Self-Confidence is all about extra-curricular. Sport is one of the most important activity involving physical exertion and skill that builds the students substantial aspect well. Apart from curriculum, our department students also outclass in sports and brought laurels to the class in various sports events. To encourage students to seek innovation and challenges for the maximum utilization of resources entrepreneur development cell plays a key role.

Entrepreneurship Development Cell 2021-2022

An **awareness program on Tamil Nadu Student Innovators Award (TNSI) in association with** Entrepreneurship Development and Innovation Institute (EDII-GoTN), Centre for Entrepreneurship Development (CED), Anna University, Chennai was conducted on 10th December **2021.** Around 100 students from our college participated in the awareness program. Mr. K. Shree Jayaram, Field Coordinator, IEDP Hub, Anna Universit explained about the purpose of the innovators award with many live examples and benefits of the program. The speaker also motivated the students to participate in these types of programs to improve the entrepreneurial skill and innovation.
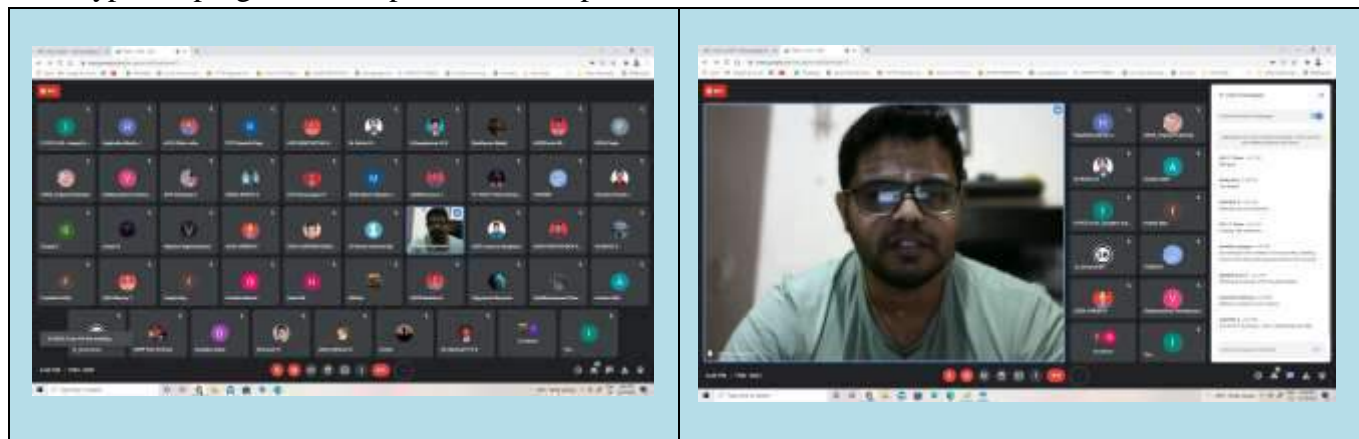
Idea Competition on Business Startups

An **online idea competition on Business Startups** was conducted on 30th September 2021 for our EDCell students to inculcate the skills of innovation and entrepreneurship. Nearly 12 batches with 30 students participated with budding innovative ideas.

A Webinar on 'Captalism, problem Solving and art of Sales was organized on 02.04.2022 at AV Hall-2 in our College. The Speaker **Mr.B.Kapilaehswar, Business Development Manager, AUGRAY Pvt., Ltd.,** and proud alumni of ECE, St.Joseph's Institute of Technology highlighted about the basics of capitalism , problem statement and sales needed for an entrepreneurship development. About **200** EDCell members were very much delighted about the session as it was very lively and informative.

Webinar on 'Capitalism, problem Solving and art of Sales

Guest Lectures

Guest Lecture is a way of enriching our students with the latest updates about the rapidly developing technologies. The Students are imparted with the knowledge of Industry needs, latest technical updates, Avenues for Higher studies etc. Guest lectures by eminent personalities, academicians, leading industrialists, chief executive officers and managers are held by the department at regular intervals to provide valuable information to our students.

The following are the guest lecturers held:

Even Semester (2021-2022)

Sl. No.	Date of Lecture	Year /Batch	Resource Person	Topic
1	26/04/22	II / 2020 - 2024	Dr.P.V.Manivannan Associate Professor, IIT Chennai.	Bio-Inspired Robotics
2	13/05/22	III / 2019 –2023	Dr.G.A.Rathy Professor, EECE Department, NITTTR, Chennai	Latest trends in IOT based system Design

Club Activities

Knowledge is to the mind, what food is to the soul. 'To strive, to seek, to find and not to yield'. Amidst the hustle and bustle of our daily college routine-classes, exams and assignments a feast to the mind can really rejunuvate weary students. That's the objective of club activities in our esteemed institution St.Joseph's institute of technology. Different clubs like maths club, English club, Quiz club and Tamil club were initiated and given life by our beloved **Chairman Dr.B.Babu Manoharan** in the year 2011.

MATHS CLUB

The aim of this club is to motivate and to nurture the interested students to excel in the field of Mathematics and its application. The club conducts various seminars and workshops to stimulate the awareness and interest in the field of Mathematics. It also opens opportunities for other colleges; JMC organizes a national level mathematical symposium MATHIESTA every year. The student coordinators of JMC conduct various events such as Mathematical Quiz, Dumb-C, Crossword, Adzap and Olympiad under the guidance of the staff members. The Mathematics club also conducts various competitions among the Mathematics club members and is performing dual role by inculcating arithmetic ability as well as logical thinking among the club members. The senior students share their experience in facing the different competitions conducted by various colleges and universities in India.

ENGLISH CLUB

The student appreciates the world of Literature in English, learns to read extensively and write accurately through the 'in and beyond' classroom experience. The student develops LSRW skills through interactive learning and gains hands on experience of the language through field work. The student develops literary appreciation, generates creative ideas, expands critical thinking and experiments classroom teaching through well-structured seminars and assignments. The student becomes socially conscious and globally competent with value-based integrated courses. The object of the club is to provide a participative, literary ambience for the students. Various activities such as quiz, creative Writing, Ad Zap, and Oratorical and cross word are conducted.

TAMIL CLUB

Every person has a special affinity to their mother tongue. It is the language that every child starts his or her life with. All our thoughts are best expressed in our mother tongue. In deference to this, our college has always stressed the importance of **TAMIL**. Club Activities with competitions are held every semester in our college. Programs like Quizzes, Debates, , "KavithaiPotti", Oratorical, "Varthaikku – Vaarthai" are conducted. In Addition to this, a special "Patti Mandram" is conducted to commomerate Puratchi Thalaivar Dr. M.G.R's birthday. Highly qualified Tamil personalities are invited to judge this pattimandram. The students showcase their incredible and staggering talents in these events. Their fluency, inherent oratorical skills, vocabulary and the capacity for thinking outside the box continually amaze and electrify everyone around them.

ECO-SOC CLUB

The objective of this activity was to analyze and discuss the goals set by the U.N as part of the new sustainable development agenda, whose goals are specifically targeted to be achieved by various nations by 2030.The event started with a preliminary quiz on economics and social events in India and World across. The top 25 students were selected for the main event, namely "Sustainable Development". The main events divided the students into 5 groups and were tasked to speak on their given case which was derived from U.N official charts. The cases comprised of Peace, Justice and Institution in India, Life on land, Life under water, Industry, Innovation and Infrastructure & Clean energy. After the cases were read and discussed with the group members, each group were questioned on their declamations by other groups. The groups were evaluated by the judges on the criteria of oratorical skill, creative ideas, and relevancy to the society. The participants gave energetic stances for their case and had executed their case with innovative ideas for sustainable development.

QUIZ CLUB

The quiz club comprises of student members and faculty advisors. The quiz club serves as a touchstone to sharpen young minds by conducting periodical quiz programs during a semester and nurtures leadership and event management skills in the senior students by encouraging them to organize quiz programs for the members of the club. It is a student run club with the senior student members taking turns in being quiz masters in the different quiz programs conducted by the club. The quiz masters use their creativity and skill in planning the rounds for the quiz programs. The different quiz programs hone the young minds and make them technically sound and competent. The quiz club members participate in various quiz competitions held all over Tamilnadu. In short our quiz club inspires and kindles students to observe, reflect and experiment. Students are encouraged and motivated to join in various club activities. As a token of appreciation, Cash prizes are awarded and merit certificates are issued for the winners of the events. In the following years, with The Almighty's blessings and our Chairman never ending support and guidance, our students will shine not only in our institution but in every nook and corner of the world which boasts of our presence – JOSEPHITES.

ROBO CLUB

The St. Joseph's Robotics Club involves the student community who derive pleasure in creating robots that may even be potent to work without human intervention. The Club was created with the purpose of developing interest in the field of robotics among the student community. The Club will provide workspace, tools, and guidance to interested students apart from taking up specific projects. The Club provides an opportunity to participate in national or international level competitions. A robotics club is a gathering of students from the Department of ECE, CSE, EEE, IT & MECHNICAL who are interested in learning about and working with robots.

ELECTRONICS & ROBOTICS CLUB

Electronics club is the student run organization that strives to impart enthusiasm and passion for electronics and allied fields among students of ECE. The club aims to cater to the various needs that are primal to be addressed to keep in pace with the ever-evolving field of electronics. The club aims to uncover those key topics that are not part of the curriculum or just grazed upon by the syllabus. The functions of the electronics club are to deal from basics of electronics to the peak of it. This club, for sure, will help the students not only in their studies but also in their career. The main objectives of our club are to explain the concepts of electronics in a practical way and help them to gain knowledge and also provide a platform for the students to give a shape to their innovative ideas. In order to motivate the student's talent through the Department Club Activity, we have conducted various technical events for ECE Students.

The following activities are conducted during the academic year of 2021-2022:

SL NO	EVENT NAME	RESOURCE PERSON	TYPE OF EVENT	DATE
		ODD SEMESTER		
1.	Jumble Solver	Quiz Contest	Competition	14.06.2021 to 20.06.2021
2.	How to choose the right career path	Mr.B.Janardhanan B.E. Director, Dream Stealers, Chennai.	Alumni Talk	10.08.2021
		EVEN SEMESTER		
3.	Future skills to build a great career	Mr D.Murali Krishnan B.E., M.E., M.B.A. AVP, Cyient Limited Hyderabad.	Webinar	10.02.2022
4.	Reels and Reals	Mrs. D M DHEEPIKA Sub-Inspector of Police (Technical), State Cyber Command Cyber, Chennai.	Competition	19.03.2022
5.	Coding Contest	Technical Coding Contest	Competition	08.04.2022
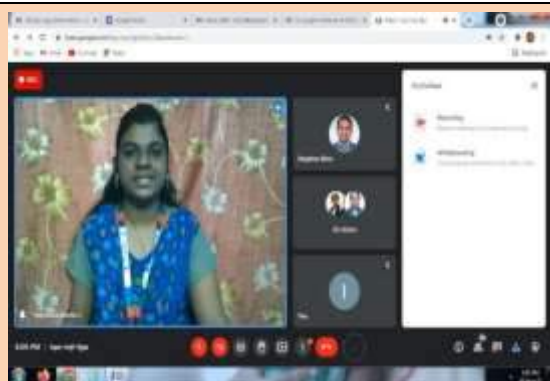
Alumni Talk on How to choose the right career path

Future skills to build a great career

IEEE STUDENT CHAPTER

The Department of Electronics and communication Engineering of St. Joseph's Institute of Technology has started with **IEEE RAS** technical society & **WIE** affinity group in the month of April 2016. In May 2017, **IEEE EMBS, BTS** society are inaugurated and followed by **IEEE APS** society inaugurated in the month of May 2018, and the new society **IEEE PS** inaugurated in the Month of September 2019.

In every year student branch raising the number of the society chapter for spreading the latest research among the students in the different streams of topic. The IEEE student branch of St Joseph's Institute of Technology is one of the **2nd largest student branches in IEEE Madras section** for the year 2018. In 2018 its privilege to IEEE EMBS Student chapter for awarding the best regional IEEE EMBS Student Chapter in Asia Pacific. Our IEEE student branch was awarded with a grade of B in 2016 and as the second largest membership in Madras Section with a grade of A in 2019. IEEE Student Chapter is more active with **135 -student members** and **05 professional members.**

The department strives to improve the standards of student members For the benefit of IEEE Student members; the society organizes technical meetings, technical events, and technical seminars, Conferences, Workshops and Faculty Development Programs to empower the knowledge of the students.

Student Chapter Advisor   : Dr. C.Gnana Kousalya (Professor, ECE)
IEEE Faculty Members   :   1. Dr. G.Rohini (Professor, ECE)
                                        2. Dr. P G V Ramesh (Professor, ECE)
                                        3. Dr.G.S Uthayakumar (Associate Professor, ECE)
                                       4. Mr.K.Immanuel (Assistant Professor, ECE)
                                        5. Mr. J.Bino (Assistant Professor, ECE)

SI.NO	Name of the Professional Chapter	Date of Inauguration	Number of Professional Members	Number of Student Members
1.	IEEE Robotics and Automation Society	28-07-2016	2	32
2.	IEEE WIE	28-07-2016	1	135[*]
3.	IEEE Engineering in Medicine and Biology Society	20-07-2017	2	45
4.	IEEE Broadcast Technology Society	24-07-2017	3	16
5.	IEEE Antennas and Propagation Society	20-05-2018	2	20
6.	IEEE Photonics Society	26-09-2019	1	22
Total			**5**	**135**

[*]*All IEEE Student Members are WIE Members*.

Funds Received in IEEE:

SI.NO	Name of the Professional Chapter	Date of Inauguration
1.	IEEE SPAx event Financial Support	Rs.25,533/-
2.	IEEE ADSF SIGHT Project Fund	Rs.8320/-

IEEE ADSF SIGHT

Ms.ARCHANA.A
2019-2023 Batch/ECE
IEEE RAS
VICE-SECRETARY

Ms.UVASHREE.R
2019-2023 Batch/ECE
IEEE WIE
SECRETARY

Ms. Archana A and Ms. Uvashree R of Third Year ECE Department for receiving an **i ball Slide Tablet PC worth Rs.8320/-** from **IEEE ADSF SIGHT** to execute the project titled **'Digital Dairy and Electronic Log Book'** under the guidance of **Dr. C. Gnana Kousalya, Professor, HOD** (Students & Staff Affairs)**, ECE department.**

Consolidated List of Activities Organized during Academic Year 2021-2022

S.NO	Name of the Professional Chapter	Number of activities
1.	IEEE Robotics and Automation Society	4
2.	IEEE Women In Engineering	13
3.	IEEE Engineering in Medicine and Biology Society	5
4.	IEEE Broadcast Technology Society	5
5.	IEEE Antennas and Propagation Society	5
6.	IEEE Photonics Society	4
Total		**19**

SI. No	Name of the Professional Chapter	Date of the Activity	Name of the Activity	Name of the Resource Person	Total no of Participants
1.	IEEE WIE Society in association with EXNORA International	03/06/2021	Webinar on All Good Things Begin with Me, in My Home	**Dr.M.P Nirmal** Founder and Chairman of Exnora International	189
2.	IEEE WIE Society in association with EXNORA International	05/06/2021 To 13/06/2021	Environmental Awareness Activity - Photo contest	Competition	54
3.	IEEE EMBS SOCIETY in association with IEEE INSPIRE INDIA	02/07/2021 & 03/07/2021	2 day Webinar on Digital Teaching Techniques	**Mr. Natarajan.P** Director Technology and Strategic Partnerships Classics **Ms.Karthika A.S** Software Engineer HCL Technology	80

4.	IEEE WIE SOCIETY AND IETE STUDENT FORUM	31/07/2021	Webinar on Security Issues on Social Media	**Ms. Soukhya Chakravathi** Psychologist, Addiction & Depression Counsellor.	95
5.	IEEE SOCIETIES (RAS,PS,APS,EMBS, BTS & WIE), MIT SQUARE AND IEEE SPAX	27/08/2021 To 29/08/2021	3 days Virtual Hackathon ERROR BY NIGHT	**Mr.Ajay Singh Rajawat** Software Developer - (I) MIC, Ministry of Education **Dr.Adil Usman** Chairman, IEEE SPAX Board of Directors for IEEE IA Society. Associate member of MP-IDSA Ministry of Defense, Government of India. **Dr.Mithileysh Sathyanarayanan,** CEO & Founder of MIT Square from London	158
6.	IEEE BTS	03/09/2021	Webinar on Role of IEEE in Shaping Engineering Graduates	**Dr D Nirmal** ExCom Member IEEE MAS Section **Mr.B. Ashvanth** Vice Chair, IEEE YP	187
7.	IEEE APS	03/09/2021	Webinar on IEEE Student Branch Activities - A World of Possibilities	**Ms.Camila Caroline** IEEE R9 AP-S Chapter Activity Coordinator	168
8.	IEEE SOCIETIES (RAS,PS,APS,EMBS, BTS & WIE)	27/09/2021	Webinar on Exploring the Benefits of IEEE	**Ms. K.E. Sanjana** Alumni 2017-2021Batch University of Colorado Boulder,USA. Vice Chair – WIE Denver Section	149
9.	IEEE SOCIETIES (RAS,PS,APS,EMBS, BTS & WIE)	16/02/2022	Workshop on Engineering in Deep Sea Fisheries	**Mr. J. Vincent Jain** Founder Chair IEEE ADSF SIGHT, Madras Section	129
10.	IEEE WIE	07/03/2022	Quizing Cameos	Quiz Contest	48
11.	IEEE WIE	08/03/2022	Ink your Thoughts	Essay Writing Competition **Topic: Proud to be Women**	32
12.	IEEE WIE	09/03/2022	Call to Launch	Entrepreneurship Idea Presentation.	52
13.	IEEE WIE	10/03/2022	Dare to be Different	Photo Contest	34
14.	IEEE WIE	11/03/2022	Webinar on Discussion on Women Crisis	**Ms. Darsini V** Chair IEEE WIE **Ms.Yogapriya T** Vice – Chair IEEE WIE	71

15.	IEEE WIE	05/03/2022	Awareness Program to school students,Venugopalapuram Girls High School, Cuddalore	**Ms. Uvasree V** Secretary IEEE WIE **Ms. Archana R** Secretary IEEE RAS Topic: Penmai EnnumValimai	62
16.	IEEE WIE	25/03/22	Break the Bias: Women Entrepreneurs	**Ms. Uvasree V** Secretary IEEE WIE **Ms. Archana R** Secretary IEEE RAS	84
17.	IEEE RAS & BTS	14/04/2022	Field Visit to Thengapattinam Harbour	**Mr E Ajith** Excom Member, IEEE ADSF SIGHT, Madras Section	12
18.	IEEE APS & PHOTONICS	16/04/2022	Field Visit to SIFFS Office	**Mr Vincent Jain** Founder Chair IEEE ADSF SIGHT, Madras Section	12
19.	IEEE EMBS	29/04/2022	Awareness Program to school students, R B A N C Higher Secondary School, Chennai.	**Mr Jegan V** II Year IEEE Volunteer **Mr Jegan P** II Year IEEE Volunteer Topic: Humanitarian Technology & Lifestyle	40

"PENMAI ENNUM VALIMAI" – Awareness Program

The IEEE Student Branch of Electronics and Communication Engineering department of St. Joseph's Institute of Technology conducted a live seminar (Awareness Program for Women) for students of **Venugopalapuram Girls High School, Cuddalore on 5th March 2022.** The students of class nineth standard were participated. The main objective of this seminar was to create awareness about the development of women in the society, the opportunities available around every woman and to give the participants an exposure to the various fields in today's technology. Our speakers of Final year students Ms. A.Archana and Ms. R Uvashree were very interactive and spontaneous in sharing their skills.

"BREAK THE BIAS: WOMEN ENTREPRENEURS"

The IEEE Student Branch of Electronics and Communication Engineering department of St. Joseph's Institute of Technology conducted a **live webinar (Awareness Program for Women)** for school students. The webinar was held on **25th of March 2022.** The students of various schools were participated. The main objective of this webinar was to create a awareness about the development of women in the society, the opportunities available around every women and to give the participants an exposure to the various fields in today's technology.

"5 DAYS EVENT SERIES ON INTERNATIONAL WOMEN'S DAY"

The IEEE Student Branch of Electronics and Communication Engineering department of St. Joseph's Institute of Technology conducted a 5 Days Event Series on International Women's Day 2022. The event was conducted from **07/03/2022 to 11/03/2022.** The students from various schools and colleges were participated. The **day 1** event is **"Quizing Cameos"** which is the Quiz Contest. The **day 2** event is **'Ink your Thoughts"** which is the Essay Contest. The **day 3** event is **"Call to Launch"** which is the Entrepreneurship Idea Presentation. The **day 4** event is **"Dare to be Different"** where the participants shared their pictures with different occasion and achievements. The **day 5**event is **webinar** where the speakers share about the **schemes for women development** and results for all the contests are shared.

Awareness of Health Camp – Safe Gram

Indian Society for Technical Education (ISTE) Students Chapter

Indian Society for Technical Education is a professional organization working for the improvement of technical education in the country. It attempts to bring in a total qualitative change in mind of personnel involved as well as techniques employed in the field of technical education. ISTE Students Chapter was inaugurated to make the student community to actively participate in ISTE activities and to provide a common platform for students to exhibit the talent which helps in their career development and to get excellent position in the Society. The ISTE student Chapter is one of the most active student branches in St Joseph's Institute of Technology. The details are

Name of the Faculty Advisor	**: Dr.C.Gnana Kousalya M.E., Ph.D.,**
Designation	**: Professor & Head**
Department	**: Electronics and Communication Engineering**

S.NO	DEPARTMENT	TOTAL NO OF STUDENTS
1.	ECE	30

The College strives to improve the standards of student members for the benefit of ISTE Student members; the society can organize the various technical activities to empower the knowledge of the students. **The students can get incentives under ISTE Students Chapters,**

Without any further criteria, ISTE Student members are allowed to attend National level seminars, conferences and workshops conducted through ISTE Student Chapter at various colleges and Universities and considering the performance of the ISTE Student member, a member can get Best Student Chapter Prize/Award by ISTE, New Delhi.

We have also conducted various technical events for ECE Student under ISTE Students' Forum as listed below.

Sl. No	Date of the Activity	Name of the Activity	Name of the Resource Person	Total no of Participants
1.	10/07/2021	Journey towards ECE	Dr.Moula Devi, Principal, Vivekanandha Matric Hr Sec School,Thiruchengodu.	78
2.	15/08/2021	Special Programme for Independence Day "Tamil Pattrimandram"	Prof.Seshadri, HOD/Dept. of Tamil, Government Arts College, Nandhanam	126
3.	10/02/2022	Future Skills to build a great career	Mr. D. Murali Krishnan, AVP, Cyient Limited, Hyderabad	95
4.	08/03/2022	Special Programme for International Women's Day Tamil Pattrimandram"	Prof.Revathy Kirubakaran Dept. of English, Government Arts College, Nandhanam	115
5.	24/03/2022	Innovations in Machine Learning	Dr. S. Gomathi Ph.D. Senior Technical Lear, Atna Technologies India Pvt. Ltd.	86

FUTURE SKILLS TO BUILD A GREAT CAREER

IETE Student Chapter

To establish professional and technical standards in electronics, telecommunications and conduct such tests and / or examination as may be required for this purpose. Keeping in mind the interest of the ECE professional users ISF works towards making the profession an area of choice amongst all sections of the society. St. Joseph's Institute of Technology joined as the Member of Institution of Electronics and Telecommunication Engineers (IETE) Students' Forum (ISF) for the Department of Electronics and Communication Engineering.

Student Branch Coordinator (SBC)   :   Dr. C.Gnana Kousalya (Professor, ECE)
IETE Faculty Member   :   1. Dr. G.Rohini (Professor, ECE)

Total Number of Student Members in ISF – 60 Students

For the benefit of members, the Chapter organizes technical meetings, product presentations, Conferences and Workshops. St. Joseph's Institute of Technology inaugurated IETE Students' Forum (ISF) on January 7th 2015 by **Dr.S.Ramasamy Chairman,** Institution of Electronics and Telecommunication Engineers, Chennai Centre.

We have also conducted various technical events for ECE Student under IETE Students' Forum (ISF) as listed below.

S.No	Title	Resource Person	Date
1.	Logo Contest	Competition	01.06.2021 – 15.06.2021
2.	Writing Contest	Competition	15.06.2021-30.06.2021
3.	Security Issues in social media	Ms.Soukhya Chakravarthi Psychologist, Addiction & Depression Counsellor	31.07.2021
4.	Opportunities and Challenges in 6G wireless technology	Dr. Sridhar Iyer Professor Educational Technology (Interdisciplinary Programme) Indian Institute of Technology ,Bombay	19.01.2022

Business English Certificate

The Business English Certificate (BEC), a certification from Cambridge University, ESOL, is a qualification which is specifically in English for w5ork. It is trusted and globally accepted by leading employers, educational institutions and governments worldwide. BEC is a skill based qualification; it gives students the opportunity to learn practical language skills and show to employers how good they are in these skills.

The English learnt is directly relevant to the English that they will use every day in the workplace. To gain a BEC Certificate students have been assessed in the four areas namely, listening, speaking, reading and writing. When students sit for the BEC examination, they are tested in all these skills through a series of practical tasks and interview questions. The tasks and questions are taken from real workplace situations.

BEC certification is given under three levels – preliminary, Vantage and Higher. Every year the diagnostic test is conducted for all the students and they are categorized under the three levels. Based on the levels, Training is given to the students and the BEC examination is conducted by the Cambridge University in our College campus itself.

BEC is relevant and has helped the students to become more competent and confident by improving language proficiency. BEC has developed cross-cultural communication skills and overall development of the students. It has an impact on confidence levels through international certification. The details of the department results are as follows:

BATCH 2017-2021

LEVEL	NO.OF STUDENTS APPEARED	NO.OF STUDENTS PASSED	PASS PERCENTAGE
BEC VANTAGE	71	69	97.18
BEC PRELIMINARY	28	28	100
TOTAL	99	97	97.97

BATCH 2018-2022

LEVEL	NO.OF STUDENTS APPEARED	NO.OF STUDENTS PASSED	PASS PERCENTAGE
BEC VANTAGE	129	129	100
BEC PRELIMINARY	35	35	100
TOTAL	164	164	100

BATCH 2019-2023

LEVEL	NO.OF STUDENTS APPEARED	NO.OF STUDENTS PASSED	PASS PERCENTAGE
BEC VANTAGE	101	87	86.13
BEC PRELIMINARY	59	51	86.44
TOTAL	160	138	86.25

STUDENTS COMPETITIVE EXAM RESULTS

The following students are qualified in the various examinations like GATE, GMAT, CAT, GRE, TOEFL, XAT, CMAT, SNAP, IELTS, etc.

S.No.	NAME	EXAM	S.No.	NAME	EXAM
		ECE BATCH 2018-2022			
1.	Aparna Devadas	**GATE**	14.	Sanjai B	**GATE**
2.	Aravindhan.A.T	**GATE**	15.	R.Shalini	**GATE**
3.	Balamurugan P	**GATE**	16.	Siddharthan R	**GATE**
4.	Blessy Esther	**GATE**	17.	M.Subhashree	**GATE**
5.	Dhanush.B	**GATE**	18.	Sujithra C K	**GATE**
6.	Gowthamraj N	**GATE**	19.	Swetha S	**GATE**
7.	Jeneefa T	**GATE**	20.	Vikram Chandran B	**GATE**
8.	JeryMeshac M	**GATE**	21.	V.Vinisha	**GATE**
9.	Keerthana A	**GATE**	22.	Yasmin Immaculate S	**GATE**
10.	Mary Susma Rose	**GATE**	23.	Yogapriya.T	**GATE**
11.	Niranjana R	**GATE**	24.	Shruthi K	**IELTS**
12.	Revathy J	**GATE**	25.	Dharshaan M	**IELTS**
13.	Rhenius R	**GATE**	26.	Niranjana R	**IELTS**
14.	Saishree J	**GATE**	27.	Sulaiman S	**IELTS**

St. Joseph's Civil & Defence Academy

These academy trains all the students at free of cost. No fees are collected from the students.

St. Joseph's Civil Services Academy

The academy aspires to create an avenue for the students to explore opportunities in Indian Civil Services and Tamilnadu Public Services (Group I services). The academy trains all the students free of cost, those who aspire to be an able and efficient civil servant.

St. Joseph's Defence Officers Academy

The academy organizes seminars and workshops with the help of Defence officers and experts in soft skills to train the Defence aspirants to think, feel and express like Defence officer. Also, our academy scheduled a plan to train our aspirants physically and psychologically during this academic year.

Activities Conducted During the Academic Year 2021-2022

St. Joseph's Civil Services Academy and **St. Joseph's Defence Officers Academy** have arranged various webinars and workshops during this pandemic period as listed below.

1. Conducted a Webinar on "**Career Opportunities for Engineers in Indian Navy" by Commodore P. C. Maragathavelan, Chief Quality Assurance Officers (Eastern Fleet Stores), Indian Navy, Visakhapatnam** on 04/06/2021.
2. Conducted a Webinar on "**Engineers Make A Difference**" by **Mr. Siddharth Thangaraj**, **I.R.S., Deputy Commissioner, GST & Central Excise Customs, Tirupur** on 27/06/2021.

VALUE ADDED COURSES

Courses are provided to students with an aim to teach and train in programming skills. The goal is to accelerate the programming capability needed for solving scientific and real time problems demanded by the corporate world. Students have options to choose the courses according to their desire and inclination. It is great boon to our students, in expertise various Value Added Courses which enables them to face the formidable challenges. It is a matter of pride that the courses are taught by the experts from industries using the laboratory facilities available in our institutions to meet the requirements of industry. On successful completion of such value added courses make the students to:

- Accelerate the programming skills
- Carryout innovative projects
- Compete with the fellow students during placement and interview process

Value Added Courses

Sl. No	Name of the Course	Year	Organization / Institute	Course Duration	Date Conducted	No of Students Attended	Course Objective
1	Embedded using Raspberry Pi	IV	Pantech ProLabs	6 Days	25/10/2021 to 30/10/2021	162	To develop the skill of coding in Raspberry Pi

Student's workshops other than value added courses
The following Workshop was conducted to our department students:

Sl No	Name of the Workshop	Year	Organization / Institute	Course Duration	Date Conducted	No of Students Attended
1.	Cyber Security	II	Dream Stealers	2 DAYS	19/05/22 - 20/05/22	72
2.	Internet of Things		Enthu Technology Solutions India Pvt Ltd	2 DAYS	19/05/22 - 20/05/22	60
3.	Machine Learning with AI Application Concepts		Pantech eLearning Pvt Ltd	2 DAYS	26/05/22 - 27/05/22	55
4.	Embedded System & IoT	III	MSJ Researchers World	2 DAYS	26/05/22 - 27/05/22	61
5.	Networking – CISCO Packet Tracer		Dream Stealers	2 DAYS	26/05/22 - 27/05/22	44

BEST OUTGOING STUDENT AWARD

Success is not the destination that we reach. Success is the quality of our journey. Mankind's greatest achievements have come about by constant encouragement. Our greatest hopes could become reality in the future if our efforts are recognized. All we need to do is to appreciate and encourage the young minds as most achievers are people who have made a strong and deep dedication to pursue a particular goal. St. Joseph's recognizes this dedication by awarding the student with "The best Outgoing Student Award".

The students from various departments were nominated based upon various traits, achievements or accomplishments

- Academic Performance indicated by CGPA
- Attendance (not taken more than four days leave in a semester)
- Got placed or got admission for higher studies.
- Brought laurels to the department or college
- Active participation in the curricular and co-curricular activities
- Organized activities at department level or at college level
- Having good communication skills
- Not undergone any disciplinary proceedings
- Maintaining neat dress code
- Quality of final year project

In our department, four students are nominated for the award and the Chairman selects one candidate from the nominated list. The best outgoing student is felicitated by the **Chairman Dr. B. Babu Manoharan** with a shield and certificate.

The following table shows the names of **best outgoing students** from various departments:

S.No	Department	Name of the Student
1.	CSE	Mr. JERUSHA J
2.	ECE	Ms. DHANUSH B
3.	EEE	Ms. KALPANA J
4.	MECH	Mr. VIBIN ROY C
5.	IT	Ms. NIVEDITHA M
6.	CIVIL	Ms. PRIYADHARSINI B

College Day and Cultural Competition Results

The college cultural program for the second and third students was celebrated with a one-day mega cultural **Extravaganza**.

A well-blended combination of 10 events, including Quiz, Pattuku Pattu, Creative Writing, and Light Music, was held with the intention of bringing out the innate talents of the students and inculcating team spirit. This initiative helped students improve their self-confidence and expand their abilities beyond their daily routines. The deserving young achievers were awarded a prize money of Rs. 1000, and Rs. 500 for the first, and second places, respectively.

II & III year CULTURAL COMPETITIONS 2021-2022

The following students won prizes in these events:

II YEAR

S.No	EVENT	I PRIZE	II PRIZE
1.	Light Music	1.SHANMATHI K [II YEAR /CSE C]	1.RANCHENI S R [II YEAR/CSE C]
2.	Creative writing (Tamil)	1.VENKATESH T [IIYEAR/ECE C]	1.LEO JOICE S G S [II YEAR/ECE B]
3.	Rangoli	1.AASHIKA R [II YEAR / ECE A] 2.BHUVANESHWARI P [II YEAR/ECEA]	1.SARANIYA S [II YEAR/IT B] 2.SNEHA N [II YEAR/ IT B]
4.	Drawing (Pencil)	1.GANESH J[II YEAR/ CSE A]	1 SANDHIYA M [II YEAR/ECE C]
5.	Oratorical (English)	1.PRIYANKHA J[II YEAR/ECE B]	1.LEO JOICE G.S [II YEAR/ECE B]
6.	Creative writing(English)	1.LEO JOICE S G S [II YEAR/ECE B]	1 KAMESH V [II YEAR /CSE B]
7.	Oratorical (Tamil)	1.ALPHIUS VICTORIA ASHLEE P [II YEAR /CSE A]	1.PRIYANKHA J [II YEAR/ECE B]
8.	Quiz	1.MITHUN C [II YEAR/IT A] 2.AADITHYA M [II YEAR/IT A]	1.TULASI NARAYANAN A [II YEAR/IT B] 2.VISWANATHAN N [II YEAR/IT B]
9.	Dumb C	1.LAVANYA T [II YEAR/CSE B] 2.KANMANI K [II YEAR/ CSE B]	1.SANTHOSH G [II YEAR/ECE C] 2.ROSHAN R [II YEAR/ ECE C]
10.	Pattuku Pattu	1.JANA K [IIYEAR/ECE B] 2JEGADESH MUTHU B [II YEAR ECE B]	1.VIGASH V [II YEAR/IT B] 2.SUNIL KUMAR R [II YEAR / IT B]

III YEAR

S.No	EVENT	I PRIZE	II PRIZE
1.	Light Music	RUBINA ANGEL D [III CSE]	JENITA RAJAKUMARI P [III IT]
2.	Creative writing (Tamil)	BAVITHRA R [III IT]	AMRISH BALAJI R [III MECH]
3.	Rangoli	BAVITHRA R [III IT] MAHALAKSHMI R [III IT]	PRIYANKA D [III ECE] ASWINI V[III ECE]
4.	Drawing(Pencil)	NITHIN B [III MECH]	DHARANI THARAN M [III ECE]
5.	Oratorical (English)	KEERTHI P [III IT]	SARAH SWETHA PETER [III CSE]
6.	Creative writing(English)	KAMALESH S [III ECE]	NITHYA ASHIKA S [III ECE]
7.	Oratorical (Tamil)	SRIDHARSHINI M [III CSE]	SAMUEL J [III ECE]
8.	Quiz	SIDHARTHAN S [III ECE] KAILASH SUNDARAM S N[III ECE]	SARATH KUMAR V [III MECH] THARUN VAITHIYA D [III MECH]
9.	Dumb C	YESHWANTH P [III CSE] SAHAYA LENOFIN S[III CSE]	SUBRAJA R [III CSE] SHARUMATHI J M [III CSE]
10.	Pattuku Pattu	BAVITHRA R[III IT] ANVITHA G B H [III IT]	SANJAY KUMAR J [III CSE] THANKA KUMAR K V [III CSE]

The College Day for II & III-year students is celebrated every year. The psychedelic blend of colors on the stage was a visual treat to the eyes. Students from all departments exhibited their talents with full enthusiasm and vigor, perfectly tuning to the beats and rhythm. The best performers of the four dance programs and three entertainment act in third year were honored with a cash award with summing up to **Rs. 44,000/-**.

II Year College Day (2021-2022)

S. No	Dept	Team Name	Name of the Student	Prize Amount
1.	ECE	We are the Boys	Sreesanthosh Pandian, Visshwa S, Vimal G, Saran Krishna P, Sri Hari S, Saravanan S, Santosh G, Surya R, Richardson Fernando S, Pranav Charan V, Sivaprakash K T, Santhosh S, Vijayakumar K, Strivatsan S, Moses Jebaraj G	Rs.3000/-
2.	CSE	Flash	Ashwatha K, Charithra E, Adnithya G, Hemashree G, Elackkiya Bharathi R, Sujitha R	Rs.3000/-
3.	EEE	Deadly Duos	Merin Stepha J, Jessy K	Rs.3000/-
4.	IT	Fusion	Sindhuja.P, Yogapriya.V, Chandana.P, Abinayashree.S, Harini.T, Aishwarya.D, Krishnavani.M, Darsha P Kumar, Akshatha.S, Jainee Mariam Sabu, Amrin.K, Mariam Fathima.A, Ann Santra Pereira.F, Laksha B.S	Rs.3000/-
5.	IT	Classical	Vaarshini.K, Varsha.M, Vishalini.S, Reshma.V	Rs.3000/-
6.	ECE	Introverts	Joshuva Brighton E, Rahul John J, Jegadesh Muthu B, Kishore Kumar K, Kesavan M, Kamalesh V, Krishnaraj K, Lukmanul Hakeem M	Rs.3000/-
Special Prize by Management				
7.	CSE	Silambam	Shobana G	Rs.1000/-

III Year College Day (2021-2022)

S. No	Dept.	Team Name	Name of the Student	Prize Amount
1.	IT	Dance – Jolly-O-Jimkhana	Mereshiya J M , Monisha N, Mounika N, Abinaya S, Srilekha S, Deepika.E, Jessica S, Harini D, Keerthna M P, Judith Rency J, Indira A R	Rs.4000/-
2.	MECH	Dance – Western	Nithin B, Saravanan M, Harish S, Himakiran H Karan K, Aravind V, Anbarasan M	Rs.4000/-
3.	CSE	Dance – Kashmir to Kanyakumari	Harini S, Jeresha J M, Leny Fashitha S, Maduhmitha D, Ponni P, Priyadharshini C N, Kolakaluru Mounisha, Atherai C, Andrea A, Charumathy S	Rs.4000/-
4.	ECE	Dance – Ice Breakers	Shruthi A, Ganga G, Charulatha V, Archana A, Bhuvaneswari K, Denisha Priya G ,Uvashree R	Rs.4000/-
Special Prize by Management				
5.	ECE	Kannagi Drama - Agni Siragay	Kamali V, Mary Merlin V, Jayashree A, Aswini V, Hemaltha S, Anjana Krishnan R, Madhumitha S, Haritha Lakshmi S, Jasmine Suganthi J, Preethi R, Roshinee V, Priyanka D, Rakshini S, Maria Jeevitha T, Kandula Venkata Bhargavi, Kamali T	Rs.3000/-
6.	CSE	Mime - Women Empowerment	Mohana Priya B S, Teena D, Swetha S S, Sarah Swetha Peter N, Sneha K R, Priscilla Amalraj, Rubina Angel, Shruthi S, Sridharshini M, Sanju Shree P	Rs.3000/-
7.	MECH	Villupattu	Paul Caleb B, Sudhane R, Sharan Raghavendra R, Amrish Balajee R, Avula Varshith	Rs.3000/-

Merit certificates were distributed to the achievers of the cultural events by our **Chairman Dr. B. Babu Manoharan M.A., M.B.A., Ph.D., Managing Director Mrs. S. Jessie Priya, M.Com., Director Mr.B. Shashi Sekar M.Sc., and** our **Principal Dr. P. Ravichandran M.Tech Ph.D.**

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St.Joseph's Institute of Technology
St.Joseph's Group of Institutions
OMR,Chennai - 600119

11 Years of Excellence

Department of Electronics & Communication Engineering

CLASS TOPPERS

IV Year

BATCH(2018-2022)

(Upto 8th semester)

Ms.Keerthana.A
D/o Mr.Arunachalam.P
Mrs.Krishnaveni.K
CGPA : 9.29

Ms.Pushadapu Roopika.M
D/o Mr.Mangarjuna.P
Mrs.Lakshmi.P
CGPA : 9.15

III Year

BATCH(2019-2023)

(Upto 6th semester)

Ms.Rakshini.S
D/o Mr.Shivasankaran.V
Mrs.Renukadevi.S
CGPA : 9.33

Mr.Monish.B
S/o Mr.Balakrishnan.B
Mrs.Raji.G
CGPA : 9.23

II Year

BATCH(2020-2024)

(Upto 4th semester)

Ms.Nithyasri.N
D/o Mr.Natarajan.G
Mrs.Dharisana.N
CGPA : 9.27

Ms.Leo Joice.S
D/o Mr.Gunasekaran.S
Mrs.Marcelin.S
CGPA : 9.26

I Year

BATCH(2021-2025)

(Upto 2nd semester)

Mr.Dhanush.H
S/o Mr.Harigopal.J
Mrs Alamelu.H
CGPA : 9.39

Ms.Venika.R.J
D/o Mr.Jeyakumar.S
Mrs.Renukadevi.B
CGPA : 9.17

DEPARTMENT OF ECE