



We Make You Shine

St. Joseph's Institute of Technology

St. Joseph's Group of Institutions

OMR, Chennai – 600119



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



NEXUS'20

Department activities : 1st June 2019 - 31st may 2020
volume : 9

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’20”. 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.,
Director**

I am very happy that our institution has shown a marvellous presentation of the activities through “NEXUS’20”. 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 ‘20. 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., **Director** Mr. B. Shashi Sekar, M.Sc., **Principal** Dr. P. Ravichandran M.Tech., Ph.D., **HOD (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 ‘20.

Staff Editors

Mr. Suresh D

Assistant Professor,
ECE Department

Mr. Immanuel K

Assistant Professor,
ECE Department

Cover page Designer

1. Dhanush B II year ECE

2. Bharath S J II 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.

5th GRADUATION DAY REPORT

The 5th Graduation Day was presided over by Dr. B. Babu Manoharan, Chairman, St. Joseph's Group of Institutions, Mrs. S. Jessie Priya, Managing Director and Mr. B. Shashi Sekar, Director, St. Joseph's Group of Institutions, and Dr. P. Ravichandran, Principal, St. Joseph's Institute of Technology. A total of **554** students received their degree. Our college has bagged 2 University Ranks in Anna University Examinations held in May 2019. All the **Rank Holders** were honoured with a Cash Prize of **Rs. 25,000/-** & Shields. The total prize money amounts to worth **Rs 2 Lakhs** was distributed to the graduands on this astonishing occasion.

PLACEMENT DETAILS

Out of the **554** students who receive their degree, **432** of them have been placed through **campus interviews**, **71** through **off-campus** interviews and **12** of them have become entrepreneurs. The students were placed in many leading organizations like Amazon, Soliton, Bosch, Ashok Leyland, Wheels India, HSBC, Bonfiglioli, Cognizant Technology Solutions, Wipro, Infosys, Mu-Sigma, Tech Mahindra, Zoho, Mindtree, Financial Software Services, SSWL India, VVDN, Torry Harris, etc., with a salary package ranging from Rs. 3 lakhs to 10 lakhs per annum.

HIGHER STUDIES

80 students are pursuing their higher studies at various universities in India as well as abroad. Students have got admission into top ranking Universities like Monash University, Derlin University, University of Waterloo, University of Texas, Drexel, Coventry University, Texas A & M University, Karlsruhe Institute Of Technology-Germany, Edinburgh Napier University, National University of Singapore, Illinois Institute of Technology, NJIT, University of West Virginia, Leeds University (UK), North Carolina State University, etc, through our Advisory Bureau for Higher Studies (ABHS).

CO-CURRICULAR ACTIVITIES

- Ms. Santhoshini Gayathri T received the travel grant from IEEE Photonics Society for the amount of \$2000 (Rs.1, 67,000/-) towards the IEEE Photonic Conference at Orlando, Florida, U.S. during 1/10/2017 to 5/10/2017.
- Ms. Santhoshini Gayathri T received the Best Poster Award on the title “Photonic generation of triangular shaped microwave pulses using polarization property” at Doctoral Summer School on Nano photonics and Metamaterials, ITMO University, Russia.
- Ms. Muthukrthiga and Ms. Renuga.S have won third prize for the project titled “Detecting the Violation of traffic rules using machine Learning and Character Recognition algorithms” in National Level Technical Symposium Project Expo held at Jeppiaar Engineering College.

EXTRA-CURRICULAR ACTIVITIES

Our students have excelled not only in the field of academics, but also in the field of sports. We have **R.Kishore Kumar, S.Sasi Keerthana, C Bharathi, S Bhavani, M Monisha, T L Hasya, S Sivaranjini, D Vanitha, R Rajameena**, who represented our college in various events at the Anna University Inter Zone and All India Inter University Levels.

The Management, Principal and Staff extend a hearty congratulation to all the above students and all the budding graduates for their academic and extra-curricular achievements.

No. of students Appeared	:	655
• No. of students Passed	:	554
• Pass Percentage	:	84.5%
• First Class with Distinction	:	21
• Passed with First Class	:	533

University Rank Cash Awards: Total Rs. 2 Lakhs

• Cash Award (2*25,000)	:	Rs. 50,000
• Shields & Medals	:	Rs 1.5 Lakhs

Placement

Total no. of Students Placed through

• Individual offers through Campus Recruitment	:	432
• Placed through off-campus Recruitment	:	71
• Self Employed	:	12

Higher Studies

Students pursuing Higher Studies through Advisory Bureau for Higher Studies (ABHS)

• Abroad	:	30
• India	:	50

Sports

Represented Anna University in	:	2
All India University Tournaments		

BEST OUTGOING STUDENT AWARD (2018-19 Batch):

The best outgoing students from various departments were selected based on various traits, achievements or accomplishments like CGPA, attendance, dress code, quality of the project, active participation in department activities, etc. The best outgoing students of 2015-2019 batch from various departments are as follows:

S. No.	Dept.	Name of the Student
1.	CSE	MUTHUKRTHIGA.S
2.	ECE	SWETHA. P
3.	EEE	VIJAY.S
4.	IT	LOKESHWAR KUMAR. T
5.	MECH	DANISH FARAAZ.S
6.	CIVIL	MOHANA. R

The Management has constituted awards to the topper in each branch. The merit awardees are:

Sl. No.	Name of the Award	Branch	Year	Name of the student
1	Soundrabai Baulraj Award	CSE	2015-2019	JENIFA.N
2	Dr. MGR Award	ECE		MONICA.M
3	Annai Janaki MGR Award	EEE		VIJAY.S
4	Dr.Jeppiaar Award	MECH		DANISH FARAAZ.S
5	Perunthalaivar Kamarajar Award	IT		JEYALAKSHMI.G
6	M. Visvesvaraya Award	CIVIL		MOHANA.R

UNIVERSITY RANK HOLDERS

Our Students have excelled in their academics and have secured 2 University Ranks in the Anna University Examinations. The list of rank holders is mentioned below:

Sl.No	Department	Student Name	Rank	CGPA	Cash Award
1.	EEE	Mr. Vijay.S	24	8.85	25,000
2.	CIVIL	Ms. Mohana.R	28	8.83	25,000

ACHIEVEMENTS OF OUR STUDENTS YEAR AFTER YEAR

Year of passing	UNIVERSITY RESULTS			PLACEMENT			HIGHER STUDIES		ANNA UNIVERSITY RANKS			
	Total No of Students	No of Students Passed	% of Pass	Through Campus Interview	Off Campus Interview	Self Employed / Own Business	Abroad	India	Total no of university Ranks	Gold Medals	Silver Medals	Other Ranks
2019	655	554	84.5	432	71	12	30	50	2	-	-	2
2018	719	614	85.39	286	64	10	27	48	11	-	-	11
2017	574	505	87.97	245	55	10	19	41	13	-	-	13
2016	439	373	85	181	76	10	14	37	5	-	-	5
2015	343	253	73.8	82	74	07	11	32	1	-	-	1

* as on 24/2/2020

DETAILS ABOUT 2019 PASSED OUT BATCH

DETAILS		B.E
Number of students passed		85
Number of students passed with first class and distinction		05
Number of students passed with first class		73
Recipient of Trust Award		MONICA M
PLACEMENT		
Campus Placement		56
Off campus		12
DOING HIGHER STUDIES		
In India		03
In Abroad		02

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. J Jeba Johannah** has successfully completed her Ph.D. Degree from Anna University, Chennai in the faculty of Information and Communication and Engineering.
- **Dr. M V Karthikeyan** has successfully completed his Ph.D. Degree from Anna University, Chennai in the faculty of Information and Communication and Engineering.

Papers Published in Journals & Conference By Staff Members

Patent Publications

1. **Dr.C.Gnana Kousalya** published a Patent titled "Gas Lighter with Leakage and Level Monitoring System" in the Official Journal of the Patent Office (Filed No. 202041014653).
2. **Dr.G.Rohini** published a Patent titled "Gas Lighter with Leakage and Level Monitoring System" in the Official Journal of the Patent Office (Filed No. 202041014653).
3. **Dr.P.G.V.Ramesh** published a Patent titled "Indicative Phonological and Visual Recognition System" in the Patent Office Journal No. 27/2019 dated 05/07/2019 in Official Journal of the Patent Office.
4. **Dr.A.Akilandeswari** published a Patent titled "Speed and Safety Monitoring Apparatus for Two Wheeled" The Patent Office Journal No. 50/2019 Dated 13/12/2019 in Official Journal of the Patent Office.
5. **Dr.G.S. Annie Grace Vimala** published a Patent titled "Speed and Safety Monitoring Apparatus for Two Wheeled" The Patent Office Journal No. 50/2019 Dated 13/12/2019 in Official Journal of the Patent Office.
6. **Dr.D.Sungeetha** published a Patent titled "Speed and Safety Monitoring Apparatus for Two Wheeled" The Patent Office Journal No. 50/2019 Dated 13/12/2019 in Official Journal of the Patent Office.
7. **Dr.M.V.Karthikeyan** published a Patent titled "Physiological Value-Based Implanted Medical Device Security System" in the Official Journal of the Patent Office (Filed No.202041003326).
8. **Dr.G.S.Uthayakumar** published a Patent titled "Cardiac Electric Field And Magnetic Field Strength Estimation in The Esophagus" in the Official Journal of the Patent Office (Filed No.202041001574).
9. **Dr.G.S.Uthayakumar** published a Patent titled "Wireless Sensor Network Using LORA-WAN Technology to Monitor the Construction Site Remotely" in the Official Journal of the Patent Office (Filed No.202041001630).

Publications in Journals

International level

1. **Dr.C.Gnana Kousalya** published a Paper titled "Digital Image Falsification Detection System for Effective Data Communication" in International Journal of Engineering and Advanced Technology (IJEAT) (**Scopus**).
2. **Dr.C.Gnana Kousalya** published a Paper titled "Robot for Under Water Monitoring" in International Journal of Engineering and Advanced Technology (IJEAT) (**Scopus**).
3. **Dr.C.Gnana Kousalya** published a Paper titled "Non-Contact Heart Rate Monitoring using Facial Video" in International Journal of Engineering and Advanced Technology (IJEAT) (**Scopus**).
4. **Dr.C.Gnana Kousalya** published a Paper titled "Utilization of Fish Excrete for Plant Growth Using SVM" in International Journal of Algorithms for Intelligent Systems (**Springer Nature Book Series**).

5. **Dr.G.Rohini** published a Paper titled "Robot for Under Water Monitoring" in International Journal of Engineering and Advanced Technology (IJEAT) (**Scopus**).
6. **Dr.G.Rohini** published a Paper titled "Automation of Longitudinal Time Series Data Visualization using Plot Specifications Obtained from XL file" in International Journal of Engineering and Advanced Technology (IJEAT) (**Scopus**).
7. **Dr.G.Rohini** published a Paper titled "Quantum Optimization of Evolutionary Algorithm using Droplet-Based Advanced Digital Microfluidic Biochip and Clinical Prognosis Configuration" in International Journal of Medical Imaging and Health Informatics (**SCIE**).
8. **Dr.G.Rohini** published a Paper titled "Quality and Durability Checking Of Clothes" in International Journal of Scientific & Engineering Research (IJSER)
9. **Dr.P.G.V.Ramesh** published a Paper titled "Miniaturized Low-Pass Filter Design with Wide Stop Band Using Complementary Split-Ring Resonator" in International Journal of Microwave and Optical Technology Letters (**SCI**).
10. **Dr.P.G.V.Ramesh** published a Paper titled "Electromagnetic Interference Suppression in Stacked Patch Antenna Using Complementary Split Ring Resonator" in International Journal of Microwave and Optical Technology Letters (**SCI**).
11. **Dr.P.G.V.Ramesh** published a Paper titled "Design of Compact patch Antenna with Enhanced Gain and Bandwidth for 5G mm-Wave Applications" in International Journal of IET Microwaves, Antennas & Propagation (**Scopus/SCIE**).
12. **Dr.P.G.V.Ramesh** published a Paper titled "Design of Miniaturized Super wideband Printed Monopole Antenna Operating From 0.7 to 18.5 GHz" in AEU-International Journal of Electronics and Communication (**Scopus/SCIE**).
13. **Dr.P.G.V.Ramesh** published a Paper titled "Design of compact Ultra Wide Band Filter with sharp roll-off rate using parallel-coupled line and Circular open-circuited Stubs" in AEU-International Journal of Electronics and Communication (**Scopus/SCIE**).
14. **Dr.P.G.V.Ramesh** published a Paper titled "Design of Compact patch Antenna with Enhanced Gain and Bandwidth for 5G mm-Wave Applications" in International Journal of IET Microwaves, Antennas & Propagation (**SCI**).
15. **Mr.M.Senthil Murugan** published a Paper titled "Hardware Implementation of Hybrid Model Encryption Algorithm for Secure Transmission of Medical Images" in International Journal of Engineering and Advanced Technology (IJEAT) (**Scopus**).
16. **Mr.M.Samayaraj Murali Kishanlal** published a Paper titled "Future Generation Optical Network for Wired and Wireless Networks Based on OFDM using a Comb Source" in International Journal of Innovative Technology and Exploring Engineering (**Scopus**).
17. **Dr.M.V.Karthikeyan** published a Paper titled "An enhanced flower pollination algorithm based chaff point generation method with hardware implementation in WBAN" in International Journal of Communication System (**SCI**).
18. **Mr.K.Immanuel** published a Paper titled "Enhanced Intelligent Automated Approach to MSRCR Algorithm for Image Enhancement" in International Journal of Engineering and Advanced Technology (IJEAT) (**Scopus**).
19. **Mr.A.Dinesh Kumar** published a Paper titled "Enhanced Intelligent Automated Approach to MSRCR Algorithm for Image Enhancement" in International Journal of Engineering and Advanced Technology (IJEAT) (**Scopus**).
20. **Mr.E.Praveen Kumar** published a Paper titled "Enhanced Intelligent Automated Approach to MSRCR Algorithm for Image Enhancement" in International Journal of Engineering and Advanced Technology (IJEAT) (**Scopus**).
21. **Mrs.J.Sharron Teena** published a Paper titled "Design of Approximate Reverse Carry Propagate Adder for DSP Applications" in International Journal of Research and Analytical Reviews (IJRAR) (**Scopus**).

Publications in Conference

International level

1. **Dr.C.Gnana Kousalya** published a paper titled "Utilization of Fish Excrete for Plant Growth Using SVM" in Springer International Conference on Data Intelligence and Cognitive Informatics (ICDICI 20), at SSCAD College of Engineering and Technology Cheranmahadevi, Tirunelveli, Tamilnadu.
2. **Dr.G.Rohini** published a paper titled "Energy Harvesting from Machineries for Industries" in International conference on System, Computation, Automation and Networking (ICSCAN 20), at Manakula Vinayagar Institute of Technology Puducherry, India.
3. **Dr.P.G.V.Ramesh** published a paper titled "VoIP using Wi-Fi Network" in International Conference on Computer communication and Power Systems at Sri Venkateswara College of Technology, Chennai.
4. **Dr.V.R.Balaji** published a paper titled "New Medelisation of Silicon DWDM demux, and Gate for Wavelengths in C and L bands" in 3rd International Conference on "Emerging Technology Trends in Electronics, Communication and Networking" (ET2ECN 2020), at Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat.
5. **Dr.V.R.Balaji** published a paper titled "Smart Automated Energy Meter" in 3rd International Conference on "Emerging Technology Trends in Electronics, Communication and Networking" (ET2ECN 2020), at Sardar Vallabhbhai National Institute of Technology, Surat, and Gujarat.
6. **Mrs.G.Akilandeswari** published a paper titled "Frame work for Next Generation Network Coding Technique for IOT and Performance Comparison of LU CHOKESKY Decomposition and QR Factorization Using LAPACK" in International Conference on Computer communication and Power Systems, at Sri Venkateswara College of Technology, Chennai.
7. **Mr.T.Siva** published a paper titled "Smart Automated Energy Meter" in 3rd International Conference on "Emerging Technology Trends in Electronics, Communication and Networking" (ET2ECN 2020), at Sardar Vallabhbhai National Institute of Technology, Surat, and Gujarat.
8. **Mr.D.Suresh** Published a paper titled "Dual Axis Controlled Robot to Mimic Human Writing" in the International Conference on Innovation in Science and Engineering Research organized by OSIET & Prince Shri Venkateshwara Padmavathy Engineering College , Chennai
9. **Mrs.A.Maria Christina Blessy** published a paper titled "Identification of Melanoma Using Features of the Skin" 2nd International Conference on Communication, Computing & Internet of Things(IC3IoT-2020), at Sri Sai Ram Engineering College, Chennai.
10. **Mr.A. Dinesh Kumar** published a paper titled "Optimised Use of Underground Water in urban Areas" in International Conference on Computer communication and Power Systems at Sri Venkateswara College of Technology, Chennai.
11. **Mr.E.Praveen Kumar** published a paper titled "Artificial Intelligence Based Auto Appliances Control System" in International Conference on Computer communication and Power Systems at Sri Venkateswara College of Technology, Chennai.
12. **Mr.J.Bino** published a paper titled "Secure Surveillance System for Alzheimer Patients in Hospital Environment" in International Conference on Computer communication and Power Systems at Sri Venkateswara College of Technology, Chennai.
13. **Mr.J.Bino** published a paper titled "Secure Surveillance System for Alzheimer Patients in Hospital Environment" International Conference on Contemporary Engineering and Technology at Prince Shri Venkateshwara Padmavathy Engineering College, Chennai.

Publications in Conference

National level

1. **Dr.C.Gnana Kousalya** published a paper titled "Non Invasive Heart Rate Monitoring Using Facial Images" in National Conference on Recent Advances in On- Board Ship Automation (RAOBSA 2019), at AMET University, Chennai.

2. **Dr.C.Gnana Kousalya** published a paper titled “Versatile Insole Monitoring System” in National Conference on Recent Advances in On- Board Ship Automation (RAOBSA 2019), at AMET University, Chennai.
3. **Dr.G.S.Uthayakumar** published a paper titled “Low Carbon Life” in National Conference on Study Conference on Social Work Response to Disaster, at Madras Christian College, Tambaram.
4. **Dr.D.Sungeetha** published a paper titled “Solar Tracking Motorcycle Using Arduino” in National Conference on Recent Advances in On- Board Ship Automation (RAOBSA 2019), at AMET University, Chennai.
5. **Mr.M.Senthil Murugan** published a paper titled “Image Compression Technique Using SPIHT and Vedic Multiplier” in National Conference on Recent Advances in On- Board Ship Automation (RAOBSA 2019), at AMET University, Chennai.
6. **Mr. M.Samayaraj Murali Kishanlal** published a paper titled “OFDM based Comb Source for Future Optical Networks” in National Conference on Recent Advances in On- Board Ship Automation (RAOBSA 2019), at AMET University, Chennai.
7. **Mr.D.Suresh** Published a paper titled “Vehicle monitoring and alert system to driver using Raspberry PI” in National Conference on Advanced Computing and Technologies conducted by Velammal Engineering College.
8. **Mr.K.Immanuel** published a paper titled “Design & Simulation of Polygeneration Energy system using MATLAB” in National Conference on Environment and Sustainable Technology(NEST 2020), at VelTech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai.
9. **Mr.A.Dinesh Kumar** published a paper titled “Design & Simulation of Polygeneration Energy system using MATLAB” in National Conference on Environment and Sustainable Technology(NEST 2020), at VelTech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai.
10. **Mr.J.Bino** published a paper titled “Design & Simulation of Polygeneration Energy system using MATLAB” in National Conference on Environment and Sustainable Technology(NEST 2020), at VelTech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai.
11. **Mr.E.Praveen Kumar** published a paper titled “Design & Simulation of Polygeneration Energy system using MATLAB” in National Conference on Environment and Sustainable Technology(NEST 2020), at VelTech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai.

Workshops Attended By Staff Members

S. No	Staff Name	Designation	Workshop Name	Organizer Details	Dates
1.	Dr. C. Gnana Kousalya	Professor	R-Programming	Teaching Learning Centre, ICT at IIT Bombay	09/11/19
			Introduction to Animation, Creation of Animated objects, Creative of Interaction Animation and Evaluation	Universal Teachers Academy, Puducherry	14/5/20 to 18/5/20
			Effective and Efficient online teaching in the age of corona	BodhiTree Platform Teaching Learning Centre, ICT at IIT Bombay	23/5/20

2.	Dr. G. Rohini	Professor	Effective and Efficient online teaching in the age of corona	BodhiTree Platform Teaching Learning Centre, ICT at IIT Bombay	16/5/20
3.	Dr.G.S.Uthayakumar	Assistant Professor	Machine Learning	Panimalar Institute of Technology	23/5/20 to 25/5/20
4.	Dr. D.Sungeetha	Associate Professor	CADENCE EDA	Thiagarajar college of Engineering, Madurai	11/10/19 to 12/10/19
			Telemedicine	KCG College of Technology, Chennai	24/08/19
5.	Mrs.S.Tephillah	Assistant Professor	R-Programming	Teaching Learning Centre, ICT at IIT Bombay	09/11/19
6.	Mrs. Princy Magdaline	Assistant Professor	R-Programming	Teaching Learning Centre, ICT at IIT Bombay	09/11/19
7.	Mr.T.Siva	Assistant Professor	R-Programming	Teaching Learning Centre, ICT at IIT Bombay	09/11/19
8.	Mrs. S.Gayathri	Assistant Professor	Biological Effects of Electromagnetic Fields and Radiation	St. Joseph's Institute of Technology, Chennai (BRNS SPONSORED)	12/12/19 to 14/12/19
9.	Mrs. D.Pradishta	Assistant Professor	Biological Effects of Electromagnetic Fields and Radiation	St. Joseph's Institute of Technology, Chennai (BRNS SPONSORED)	12/12/19 to 14/12/19
10	Mr. A.Dinesh kumar	Assistant Professor	Arduino	Teaching Learning Centre, ICT at IIT Bombay	08/02/20
			Research Scopes in Electronics and Communication	Chennai Institute of Technology, Chennai	21/05/20
11	Mr. K.Immanuel	Assistant Professor	R-Programming	Teaching Learning Centre, ICT at IIT Bombay	09/11/19
			Creation of E-content, Animated E- Content, Stop Motion Animation, Creative E-content, Uploading E-Content on the web	Universal Teachers Academy, Puducherry	21/4/20 to 30/4/20
			Research Scopes in Electronics and Communication	Chennai Institute of Technology, Chennai	21/05/20

Faculty Development Programme Attended By Staff Members

S. No	Staff Name	Designation	FDP NAME	Organizer Details	Dates	
1	Dr. C.Gnana Kousalya	Professor	Soft Computing Techniques and its Application	Anand Institute of Higher Technology, Chennai. (AICTE SPONSORED)	15/11/19 to 28/11/19	12 days
			Information Management and Coordination Department	NITTR, Chandigarh	21/10/19 to 25/10/19	5 days
			Introduction to Internet of Things	NPTEL -AICTE	JUL-OCT 2019 1 ½ Weeks	
			Internet of Things (IOT)	AICTE & ATAL Academy, Jaipur	27-4-20 to 1-5-20	5 days
			Python 3.4.3	Sri Krishna college of Technology, Coimbatore Spoken Tutorial, IIT Bombay	10-5-20 to 14-5-20	5 days
			Data Analysis & Visualisation COVID 19 using Python	Jerusalem College of Engineering, Chennai.	7-5-20	1 day
			Role of IOT, Embedded, Electric Vehicle, Power Electronics Converters for Smart World	St. Joseph's college of Engineering, Chennai	18-5-20 to 22-5-20	5 days
			Embedded and IOT BOOTCAMP	Mohamed Sathak A J College of Engineering, Chennai	27-5-20 to 29-5-20	3 days
			SCILAB	St. Joseph's Institute of Technology, Chennai. Spoken Tutorial, IIT Bombay	25-5-20 to 27-5-20	5 days
2	Dr. G. Rohini	Professor	Research Areas in Smart Antenna Design for CUBESAT Applications	Sri Sairam Institute of Technology, Chennai (AICTE SPONSORED)	31/10/19 to 06/11/19	6 days
			Information Management and Coordination Department	NITTR, Chandigarh	21/10/19 to 25/10/19	5 days

			Introduction to Internet of Things	NPTEL -AICTE	JUL-OCT 2019 1 ½ Weeks	
			Python 3.4.3	Sri Krishna college of Technology, Coimbatore Spoken Tutorial, IIT Bombay	10-5-20 to 14-5-20	5 days
			Data Analysis & Visualisation COVID 19 using Python	Jerusalem College of Engineering, Chennai.	7-5-2020	1 day
			Embedded and IOT BOOTCAMP	Mohamed Sathak A J College of Engineering, Chennai	27-5-20 to 29-5-20	3 days
			SCILAB	St.Joseph's Institute of Technology, Chennai. Spoken Tutorial, IIT Bombay	25-5-20 To 27-5-20	3 days
			Cyber Security	AICTE & ATAL Academy	18-05-20 to 22-05-20	5 days
3	Dr. P.G.V Ramesh	Professor	Soft Computing Techniques and its Application	Anand Institute of Higher Technology Chennai. (AICTE SPONSORED)	15/11/19 to 28/11/19	12 days
			Fibre–Optic Communication Systems and Techniques	NPTEL -AICTE	JUL-OCT 2019 1 ½ Weeks	
			Data Analysis & Visualisation COVID 19 using Python	Jerusalem College of Engineering, Chennai.	7-5-20	1 day
			Data Analytics & Tools	AVIT-Aarupadai Veedu Institute of Technology	13-05-20	1 day
			UAV Communication	AVIT-Aarupadai Veedu Institute of Technology	16-05-20	1 day
			Drone Industry Insights	AVIT-Aarupadai Veedu Institute of Technology	14-05-20	1 day
			LaTeX	St. Joseph's Institute of Technology, Chennai. Spoken tutorial, IIT Bombay	15-5-20 to 17-5-20	3 days
			MATLAB based Teaching- learning Mathematics	DY PATIL University, Navi Mumbai	18-5-20 to 22-5-20	5 days

4	Dr. Annie Grace Vimala	Associate professor	Speech and Vision Enabled Intelligent System	SSN of College Engineering, Chennai	18/11/19 to 23/11/19	6 days
			Digital Image Processing	NPTEL -AICTE	JUL-OCT 2019	1 ½ Weeks
5	Dr. D. Sungeetha	Associate Professor	Cyber Attacks	CMR Technical Campus, Hyderabad	19-4-20	1 day
			Internet of Things (IOT)	NITTTR, Chandigarh	15-4-20 to 19-4-20	5 days
6	Dr. G.S Uthayakumar	Associate Professor	Smart Perspectives of IOT on 5G Communication – Practical Approach	Animalar Engineering College, Chennai	08/11/19 to 21/11/19	12 days
			Hands on FDP:Data Science Using Python	Jeppiaar Institute of Technology	18-05-20 to 22-05-20	5 days
			World Summit on Medical Science, Pharmaceutical Science & Nursing Science Research 2020	Exdoxia Research Centre	30-05-20 to 31-05-20	2 days
7	Dr. J. Jeba Johannah Samuel	Assistant Professor	SCILAB	St.Joseph's Institute of Technology, Chennai. Spoken tutorial, IIT Bombay	25-05-20 to 27-05-20	3 days
8	Dr.M.Samayaraj Murali Kishanlal	Associate Professor	Demystifying Network Security	S.A. Engineering College	26.05.20 to 30.05.20	5 days
			AI-Artificial Intelligence	Lendi-Institute of Engineering and Technology	22-05-20 to 26-05-20	5 days
			Cyber Security	Vignana Bharathi Engineering college, Hyderabad	14-5-20	1 day
9	Dr.M.V.Karthikeyan	Assistant Professor	SCILAB	St.Joseph's Institute of Technology, Chennai. Spoken tutorial, IIT Bombay	25-05-20 to 27-05-20	3 days
			Demystifying Network Security	S.A. Engineering College, Chennai	26.05.20 to 30.05.20	5 days
			AI-Artificial Intelligence	Lendi-Institute of Engineering and Technology	22-05-20 to 26-05-20	5 days
10	Dr.A.Akilandeswari	Associate Professor	Introduction to Big Data Analytics	St.Joseph's Institute of Technology,	11/11/19 to 13/11/19	3 days

				Chennai Spoken Tutorial, IIT Bombay		
			Python for Data Science	NPTEL -AICTE	AUG-SEP 2019 1/2 Weeks	
11	Mr. M.Senthil Murugan	Assistant Professor	Research Areas in Smart Antenna Design for CUBESAT Applications	Sri Sairam Institute of Technology, Chennai (AICTE SPONSORED)	31/10/19 to 06/11/19	6 days
			Introduction to Internet of Things	NPTEL -AICTE	JUL-OCT 2019 1 ½ Weeks	
			SCILAB	St. Joseph's Institute of Technology, Chennai. Spoken Tutorial, IIT Bombay	25-05-20 to 27-05-20	5 days
12	Mrs. G.Akilandeswary	Assistant Professor	Soft Computing Techniques and its Application	Anand Institute of Higher Technology, Chennai. (AICTE SPONSORED)	15/11/19 to 28/11/19	12 days
			Demystifying Network Security	SA Engineering College	26.05.20 to 30.05.20	5 days
13	Mr. T.Siva	Assistant Professor	Soft Computing Techniques and its Application	Anand Institute of Higher Technology, Chennai. (AICTE SPONSORED)	15/11/19 to 28/11/19	12 days
			Introduction to Internet of Things	NPTEL -AICTE	JUL-OCT 2019 1 ½ Weeks	
14	Mrs.Princy Magdaline	Assistant Professor	Evolution of Teaching Learning Process	Bharath Institute of Higher Education and Research, Chennai	11-5-20 to 15-5-20	5 days
15	Mr. D.Suresh	Assistant Professor	Soft Computing Techniques and its Application	Anand Institute of Higher Technology, Chennai. (AICTE SPONSORED)	15/11/19 to 28/11/19	12 days
			Introduction to Internet of Things	NPTEL –AICTE	JUL-OCT 2019 1 ½ Weeks	
			Python 3.4.3	Sri Krishna college of Technology, Coimbatore Spoken tutorial, IIT Bombay	10-5-20 to 14-5-20	5 days
			Robotics Process Automation and its allied Machine Learning Process	Vels Institute of science and Technology	23-5-2020	1 day

16	Dr.V.R Balaji	Assistant Professor	Research Areas in Smart Antenna Design for CUBESAT Applications	Sri Sairam Institute of Technology, Chennai. (AICTE SPONSORED)	31/10/19 to 06/11/19	6 days
			Introduction to Internet of Things	NPTEL –AICTE	JUL-OCT 2019 1 ½ Weeks	
17	Mrs. A.Maria Christina Blessy	Assistant Professor	Fiber–Optic Communication Systems and Techniques	NPTEL –AICTE	JUL-OCT 2019 1 ½ Weeks	
			MATLAB Project course on Massive MIMO Cooperative communication and cognitive radio for 5G	Andra University, Visakhapatnam.	06/01/20 to 11/01/20	6 days
			STTP on Digital Electronics	Saveetha Engineering college, Chennai	25-5-20 to 29-5-20	5 days
18	Mr. A.Dineshkumar	Assistant Professor	Research Areas in Smart Antenna Design for CUBESAT Applications	Sri Sairam Institute of Technology, Chennai. (AICTE SPONSORED)	31/10/19 to 06/11/19	6 days
			Introduction to Internet of Things	NPTEL –AICTE	JUL-OCT 2019 1 ½ Weeks	
			Geometric Antenna Modelling in HFSS ANSYS	IEEE Bangalore section &Entuple Technologies, Bangalore	4-5-20	1 day
			Python 3.4.3	Sri Krishna college of Technology, Coimbatore Spoken tutorial, IIT Bombay	10-5-20 to 14-5-20	5 days
			LaTeX	St. Joseph's Institute of Technology, Chennai. Spoken tutorial, IIT Bombay	15-5-20 to 17-5-20	3 days
			Microstrip Antenna for Advanced Wireless Communication	Kallam Haranadhareddy Institute of Technology, Andhra Pradesh.	15-5-20 to 16-5-20	2 days
			Digital Resources and Learning	Alagappa University, Karaikudi	17-5-20 to 21-5-20	5 days
			Data Science and Cloud Computing	Chebrolu Engineering College, AP	18-5-20 to 22-5-20	5 days

			Applications of Signal Processing In IOT	Prathyusha Engineering College, Poonamallee	21-5-20 to 22-5-20	2 days
			STTP on Electronics Devices	Saveetha Engineering college, Chennai	18-5-20 to 22-5-20	5 days
			STTP on Digital Electronics	Saveetha Engineering college, Chennai	25-5-20 to 29-5-20	5 days
			Artificial Intelligence	Vignana Bharathi Engineering college, Hyderabad	22-5-20 to 26-5-20	5 days
19	Mr. K.Immanuel	Assistant Professor	Introduction to Internet of Things	NPTEL -AICTE	JUL-OCT 2019 1 ½ Weeks	
			Python 3.4.3	Sri Krishna college of Technology, Coimbatore Spoken tutorial, IIT Bombay	10-5-20 to 14-5-20	5 days
			Artificial Intelligence	Vignana Bharathi Engineering college, Hyderabad	22-5-20 to 26-5-20	5 days
20	Mr.J.Bino	Assistant Professor	Applied Mathematics and Scientific Computation for Engineering Research	S.A Engineering College, Chennai.	04/11/19 to 09/11/19	6 days
			Data Analysis & Visualisation COVID 19 using Python	Jerusalem College of Engineering, Chennai.	07-05-20	1 day
			LaTeX	St. Joseph's Institute of Technology, Chennai. Spoken tutorial, IIT Bombay	15-5-20 to 17-5-20	3 days
			Augmented Reality & Virtual Reality	Sairam Institute of Technology, Chennai	27-5-20 to 29-5-20	3 days
			Data Analytics & Tools	AVIT-Aarupadai Veedu Institute of Technology	13-05-20	1 day
			UAV Communication	AVIT-Aarupadai Veedu Institute of Technology	16-05-20	1 day
			Drone Industry Insights	AVIT-Aarupadai Veedu Institute of Technology	14-05-20	1 day

20	Mr. E.Praveen kumar	Assistant Professor	Opportunities in Marine Field	AVIT-Aarupadai Veedu Institute of Technology	15-05-20	1 day
			Technic IOT	AVIT-Aarupadai Veedu Institute of Technology	9-05-20	1 day
			Introduction to AR/VR	AVIT-Aarupadai Veedu Institute of Technology	8-05-20	1 day
			Drone insights	AVIT-Aarupadai Veedu Institute of Technology	14-05-20	1 day
			Electric Vehicles and Grid Challenges	AVIT-Aarupadai Veedu Institute of Technology	11-05-20	1 day
			Applied Mathematics and Scientific Computation for Engineering Research	S A Engineering College, Chennai.	04/11/19 to 09/11/19	6 days
			Introduction to Internet of Things	NPTEL -AICTE	JUL-OCT 2019 1 ½ Weeks	
			Advanced Simulation tool for Electronics Engineers"	S A Engineering College, Avadi.	27-04-20 to 01-05-20	5 days
			Challenges in Building Collaborations In Research and Innovation	Dr.M.G.R Educational and Research Institute, Chennai.	09-05-20	1 day
			Applications of Signal Processing In IOT	Prathyusha Engineering College Poonamallee	21-5-20 to 22-5-20	2 days
			Impact of 5G Technology on IOT	Prathyusha Engineering College Poonamallee	29-05-20 to 30-05-20	2 days
			SCILAB	St.Joseph's Institute of Technology, Chennai. Spoken Tutorial, IIT Bombay	25-05-20 to 27-05-20	3 days
			Tips for Clearing Patent Agent Examination	Velammal Engineering College	06-05-20 to 07-05-20	2 days

Events conducted in our college

Event	Topic	Date
Conference	5 th International conference on Recent Trends in Engineering and Technology	22.07.2020 & 24.07.2020
FDP	National Level online Faculty Development Programmed on “ LaTex and XFig ” in association with Spoken Tutorial, IIT Bombay & MHRD Government of India.	15-05-2020 to 17-05-2020
	National Level online Faculty Development Programmed on “ SCILAB ” in association with Spoken Tutorial, IIT Bombay & MHRD Government of India.	25-05-2020 to 27-05-2020
Workshop	National level Workshop on “ Engineering in Diabetology ” Sponsored by DHR-ICMR (Department of Human Research –Indian Council of Medical Research)	12.06.2019 to 15.06.2019
	National level Workshop on “ Biological Effects of Electromagnetic Fields and Radiations ” Sponsored by Government of India, Department of Atomic Energy, Board of Research in Nuclear Science (BRNS)	12.12.2019 To 14.12.2019



National level Workshop on “**Biological Effects of Electromagnetic Fields and Radiations**”
Sponsored by **Government of India, Department of Atomic Energy, Board of Research in Nuclear Science (BRNS)**

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. Also, In Plant Training (IPT) and Industrial Visit (IV) has been arranged for all the years.

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 & In plant training
- ▲ Joint R&D Project Development & Facilitation & Value-Added Program per year

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 of the company is,

- Provides free student accounts with lifetime memberships
- Provides 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. It would help students gain confidence in appearing the professional corporate world.

- Interpersonal Skills / Customer Service Skills, IT / MS Office / Computer Software
- Business Communication & Professional Etiquette, Banking, Finance & Office Management

Technical Skills -MCC suggests training partners for technical skills. The students / candidates / youth 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. TANSTIA's role is more of promotional than of demanding. It actively participates in the committees set up by state and Central Governments and promotes the interest of Small and Tiny industries. It sponsors Experts meet and Trade delegations to other countries. It offers valuable guidance for entrepreneurs. It publishes monthly magazine and newsletters for small industries. It organizes Technical and Managerial training programmes to small industries. 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.

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

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.

1. Pantech Pro Labs has granted a funded Project for amount of **Rs.2, 06,750. /-** Titled on “Firmware development for 4 Axle Cleaning Robot” in the academic year 2019-2020.

Principle Investigator:

Dr. C. Gnana Kousalya

Professor & Head

Department of ECE,

St. Joseph's Institute of Technology, Chennai-119.

Co-Investigator:

1. Dr. V.R. Balaji, Assistant Professor

2. Mr. D. Suresh, Assistant Professor

The Following proposal applied/granted during the academic year 2019-2020 as given below

S. No	Name of the Staff	Project Title	Organization / Agency	Amount
1	1.Dr. C.Gnana Kousalya Professor 2.Dr.G. Rohini Professor	Development of IOT based Health Care System for Hospitals	TNSCST/Science and Technology Project Scheme	Rs. 4,75,000/- (Applied)
2	1.Dr. P.G.V. Ramesh Professor 2.Mr. K. Immanuel Assistant Professor	A Multi Spectral approach for Image Analysis through Features Extraction to determine the Quality of Fruits	TNSCST/Science and Technology Project Scheme	Rs. 4,85,250/- (Applied)
3	1.Dr. C.Gnana Kousalya Professor 2.Aruna Krishnan, IV-ECE 3.Christy Kingsly, IV-ECE	Smart insole – unobtrusive vitality monitoring system	TNSCST/Science and Technology Student Project Funding Scheme	Rs.7,500 (Granted)
4	Dr. C.Gnana Kousalya Professor 2.Aruna Krishnan, IV-ECE 3.Christy Kingsly, IV-ECE	Versatile Insole Monitoring System	IEEE-Student Project Funding (SPF)	Rs 3,000 (Granted)
5	1.Dr. C.Gnana Kousalya Professor 2.Dr.G. Rohini Professor 3. Mr. K. Immanuel Assistant Professor	Detection of Corona Virus using Deep Learning Approach	SERP MATRICS Short-term Special Cell on Covid-19	Applied

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 pursuing 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.	2019 – 2020	40**
2.	2018 – 2019	111
3.	2017 – 2018	145
4.	2016 – 2017	165
5.	2015 – 2016	187
6.	2014 – 2015	192

**This is the number of students who have gone for higher education immediately after the completion 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.

LIST OF STUDENTS WHO RECEIVED THE OFFER LETTER FOR HIGHER STUDIES [2015-2019 Batch]

S. No	Name of the Student	Degree	Name of the Institution	Country
1	Julian Patrik A	MS	Gannon University, Pennsylvania	United States
2	Santhoshi Gayathri.T	MS	Karlsruhe Institute for Technology	Germany
3	Vaishiba A G	M.Tech	VIT, Chennai	India
4	Kevin Carmel S	MBA	Thiagarajar School of Management, Madurai	India
5	Mary Swetha. V	MBA	St. Joseph’s College of Engineering	India

CONQUISTA 2020

DISTRIBUTION OF 1671 PLACEMENT ORDERS TO THE PLACED STUDENTS

CONQUISTA '20 – 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 04th April, 2020 with grandeur.

Handed over the offer letters to the students in the presence of **Dr. B. Babu Manoharan, Chairman, Managing Director, Mrs. S. Jessie Priya & Director Mr. B. Shashi Sekar, of St. Joseph's group of Institutions and Dr. Vaddi Seshagiri Rao, Principal and Dr. B. Parvathavarthini, Dean, of St. Joseph's College of Engineering & Dr. P. Ravichandran, Principal of St. Joseph's Institute of Technology.** The Management & the Department of Training & Placement do not get just pleased with placements of students alone. Our primary concern is more on helping students establish themselves in their career by building 3S – **Survival, Sustainability and Success** thereby get a firm footing in both profession and personal lives. We want to achieve not only quantitative placement, but more of qualitative one in the years to come.

We are proud to inform that we have achieved a placement record of **1671** added so far in this year. It is indeed a golden feather added to St. Joseph's Group of Institutions cap.



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**.

CAMPUS PLACEMENT 2019 - 2020

We are proud to inform that **1671** 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, Krishcofolabs, 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 **2019-20** with an annual salary package, starting from **3.2 Lakhs to 12 Lakhs** for UG & PG students.

TOTAL OFFERS: 1671

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 : 1671

St. JOSEPH'S COLLEGE OF ENGINEERING : 1187

St. JOSEPH'S INSTITUTE OF TECHNOLOGY: 484

COURSE WISE			
St. Joseph's College of Engineering		St. Joseph's Institute of Technology	
Branch	Total	Branch	Total
CSE	161	CSE	109
IT	156		
ECE	151	IT	48
EEE	145		
MECH	146	ECE	91
CIVIL	44		
EIE	131	EEE	91
ICE	39		
CHEM	50	MECH	117
BIO	52		
ME & M.Tech (All Branches)	15	CIVIL	28
MBA	97		
Total	1187	Total	484

2019 – 2020 CAMPUS PLACEMENT

We are glad to inform that **1671 students** have been recruited through the campus recruitment processes by **271 companies** in the academic year **2019 - 20**. - as on **07th October, 2020**.

TOTAL OFFERS : 1671*

Engineering : 1187*

Technology : 484*

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	NIITANY 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	SOLUTION CHAMPS 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

PLACEMENT DETAILS OF ECE 2019-2020

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 2016–2020 Batch

S. No	Name	Company Placed	Salary Offered (Per Annum in Rs)
1.	GOWTHAM V	PAYPAL	25 LPA
		COGNIZANT	4 LPA
		INFOSYS	3.6 LPA
		SOLITON	5 LPA
		TCS DIGITAL	7.2 LPA
2.	ARUNA KRISHNAN	ZOOMRx	5.5 LPA
		INFOSYS	3.6 LPA
		WIPRO	3.4 LPA
		TCS NINJA	3.6 LPA
		COGNIZANT	4 LPA
3.	MAYA MISHRA	VALUE LABS	4.5 LPA
		INFOSYS	3.6 LPA
		TCS NINJA	3.6 LPA
		COGNIZANT	4 LPA
4.	DANNY SOLOMON N	HEWLETT Packard Ent	5 LPA
		INFOSYS	3.6 LPA
		TCS NINJA	3.6 LPA
		COGNIZANT	4 LPA
5.	AAFREEN FATHIMAH G	COGNIZANT	4 LPA
6.	ALICE VINOLIA A	INFOSYS	3.6 LPA
7.	AMRESHA R	COGNIZANT	4 LPA
8.	ANUSHA A	INFOSYS	3.6 LPA
		COGNIZANT	4 LPA
9.	BERTILA ANTONY	INFOSYS	3.6 LPA
10.	CARELYN TINA T	INFOSYS	3.6 LPA
11.	CHANDRAMURTHY G	WHIRLDATA LABS	2.8 LPA
12.	CHARAN R	HEXAWARE	3 LPA
13.	CHETHNA ALAGU RAM R	TCS NINJA	3.6 LPA
14.	CHRISTY K	MPHASIS	3.25 LPA
		CGI SOFTWARE	3.39 LPA
15.	CLAXINA GEM S	SKILL LYNK	3 LPA
16.	DEEPIKA R S	ODYSSEY	3 LPA
		HCL	4.5 LPA
17.	DHANESHWAR M	ODYSSEY	3 LPA
18.	DHEENA DHAYALAN M	COGNIZANT	4 LPA
19.	DINESHKUMAR B	TECH MACHINDRA	3.25 LPA
20.	ENOCH RIBIN C	MINDTREE	3.5 LPA
21.	ESTHER PERTISHIYA C	COGNIZANT	4 LPA
		INFOSYS	3.6 LPA
		TCS NINJA	3.6 LPA
22.	GEOWIN H	AVASOFT	4 LPA

23.	GOWDHAMI T U	COGNIZANT	4 LPA
24.	HEMALATHA S	INFOSYS	3.6 LPA
25.	HEPHZIBAH J	INFOSYS	3.6 LPA
26.	JANAKI R	COGNIZANT	4 LPA
27.	JEEVITHA A	TECH MACHINDRA	3.6 LPA
28.	HARISH DEVANATH K	COGNIZANT	4 LPA
29.	HARISH KUMAR R	FEDERAL BANK	4 LPA
30.	JENIFFER M	COGNIZANT	4 LPA
31.	JESSILIN PERCIS T	MPHASIS	3.5 LPA
32.	JESWANTH IMMANUELRAJ G	INFOSYS	3.6 LPA
33.	KAMATCHI B	INFOSYS	3.6 LPA
34.	JOEL SOLOMAN RAJ A	COGNIZANT	4 LPA
		TCS NINJA	3.6 LPA
		WHIRLDATA LABS	2.8 LPA
35.	KANNIKA M	COGNIZANT	4 LPA
36.	KEERTHANA S	COGNIZANT	4 LPA
		INFOSYS	3.6 LPA
		TCS NINJA	3.6 LPA
37.	KEZIA S	INFOSYS	3.6 LPA
38.	KISHORE KUMAR K	SKILL LYNK	3 LPA
39.	MADHUMITHA U	INFOSYS	3.6 LPA
40.	MAYAVINOTHINI R	COGNIZANT	4 LPA
		INFOSYS	3.6 LPA
41.	MITHUN KHANNA B	COGNIZANT	4 LPA
		INFOSYS	3.6 LPA
		TCS NINJA	3.6 LPA
42.	NAG BHUSHAN A	WHIRLDATA LABS	2.8 LPA
43.	NANDHINI R	INFOSYS	3.6 LPA
		TCS NINJA	3.6 LPA
44.	PRAMIL JELEENA J	COGNIZANT	4 LPA
		TCS NINJA	3.6 LPA
45.	PRIYADHARSHINI A	TCS NINJA	3.6 LPA
46.	RAHUL DEO	INFOSYS	3.6 LPA
		TCS NINJA	3.6 LPA
47.	RAKSHANA S	TCS NINJA	3.6 LPA
48.	RAMYA JAYA DHEVI P	COGNIZANT	4 LPA
		INFOSYS	3.6LPA
		TCS NINJA	3.6LPA
49.	SAI SADHAN S	COGNIZANT	4 LPA
		INFOSYS	3.6LPA
50.	SANDHIYA S	COGNIZANT	4 LPA
51.	SANJANA R	COGNIZANT	4 LPA
		VESTAS	5 LPA
52.	SHALINI J	MPHASIS	3.5 LPA
53.	SHARONI S	MINDTREE	3.5 LPA
54.	SHANU SWETHA J	COGNIZANT	4 LPA
		INFOSYS	3.6 LPA
		TCS NINJA	3.6LPA
55.	SHINY PON SOPHIA C	MPHASIS	3.5 LPA
56.	SHIVA KARTHIKA D	COGNIZANT	4 LPA
		INFOSYS	3.6LPA
57.	SIMRAN SARA	MPHASIS	3.5 LPA
58.	SRIRAM M	ZOOMRX	5 LPA

59.	SRIRAM R	COGNIZANT	4 LPA
60.	SYLVIYA A	MPHASIS	3.5 LPA
61.	THANUJA S	COGNIZANT	4 LPA
62.	VAISHALI M	COGNIZANT	4 LPA
63.	VARSHA R	MINDTREE	3.5 LPA
64.	VICKRAM S B	MINDTREE	3.5 LPA
65.	VIDHUSHA MUTHULEXMI G	MPHASIS	3.5 LPA
66.	VIGNESH BALAJI M	COGNIZANT	4 LPA
67.	VIGNESHWARAN R	COGNIZANT	4 LPA
68.	VIJAYARAGAVAN R	INFOSYS	3.6 LPA
69.	VISWANATHAN L	CGI SOFTWARE	3.39 LPA
70.	VIVIA DAVIS	INFOSYS	3.6 LPA

CAMPUS PLACEMENT 2020-2021

We are proud to inform that **106** students have been selected by **Core /Product Companies** (Kaar Technologies, Zilker Technology, Centriqe, BNY Mellon, Yoshin, Lucid, Mastech Infotrellis, Hexaware, BNP Paribas, TCS) through campus recruitment drive held between June to September for the academic year **2020-21** with an annual salary package, starting from **6.5 Lakhs to 6.6 Lakhs** for UG & PG students.

Total offers as on 24th September, 2020: **42**

Lucidhas offered jobs to 3 Students

Mastech Infotrellis has offered jobs to 11 students

Hexaware has offered jobs to 8 students

BNP Paribas has offered jobs to 33 students

9 Students have been offered Job in TCS through TCS Codevita

2020 –21 BATCH CAMPUS PLACEMENT

TOTAL OFFERS: 106*

Engineering: 78*

Technology: 28*

*As on October 8th, 2020

2019 –20 BATCH CAMPUS PLACEMENT

TOTAL OFFERS: 1671*

Engineering: 1187*

Technology: 484*

*As on October 8th, 2020

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.

Centre for Training & Placement

Placement Training Schedule – Academic Year 2020 – 2021

SEM	ACTIVITY	ELIGIBILITY	TRAINING PARTNER	DURATION (In Days)	DATES
I	Communication skill Enhancement	ALL	STRIDES / WINSPIRE	6	August / September
II	Aptitude Crash Course	ALL	SMART	6	January / February
III	BEC Training	ALL	STRIDES / WINSPIRE / SIX PHRASE	6	June
IV	C Programming	ALL	SKILL RACK	5	December / January
V	Department Specific Value Added Course	ALL	EXTERNAL VENDOR	6	June
VI	AMCAT Assessment I		ASPIRING MINDS	3.5hrs	January / February
	Advanced C Programming & Data structures	ALL Branches (Except Civil)	MY SLATE	5	December / January
	Department Specific Training	Mechanical	EDX Training & Education	3	December / January
	Staad Pro Training	Civil	EDIFICE	5	December / January
	AMCAT Assessment II		ASPIRING MINDS	3.5hrs	June
VII Total package worth Rs. 10000	Advanced Data structures & Algorithm (College Sponsored - Product Batch)	ALL Departments (Selected Students Only)	EXTERNAL VENDOR	10	June
	Department Specific Training	Mechanical & Civil	EXTERNAL VENDOR	6	June
	Placement Orientation Training Program	UPTO 3 ARREARS	SMART Training Resource	6	June
	Data structures & Algorithm		SIX PHRASE	6	June
	CODE Fit Training		SIX PHRASE	6	June
	Co Cubes Online Assessment I		CO CUBES	3 hrs	July
	AMCAT Assessment III		ASPIRING MINDS	3.5hrs	August
	Mock Interview & Resume Preparation		EXTERNAL PARTNER		July
	Interview Skills Training		EXTERNAL PARTNER	2	July
	Co Cubes Online Assessment II		CO CUBES	3 hrs	August
	Company Specific Training Program		SIX PHRASE	6	August

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 – IV ECE

BATCH 2016-2020 (UPTO VII SEMESTER)		
S.No.	Name	CGPA
1.	Hemalatha S	8.96
2.	Deepika R S	8.95
3.	Janaki R	8.95
4.	Sanjana R	8.76
5.	Nandhini B R	8.75
6.	Maya Mishra	8.74
7.	Kezia S	8.7
8.	Sriram M	8.68
9.	Gowdhami T U	8.62
10.	Aruna Krishnan	8.6
11.	Gowtham V	8.6

TOPPERS – III ECE

BATCH 2017-2021 (UPTO VI SEMESTER)		
S.No.	Name	CGPA
1.	Swathi G	8.79
2.	Amalin Asha E	8.72
3.	Varsha S	8.61

TOPPERS – II ECE

ECE BATCH 2018-2022 (UPTO IV SEMESTER)		
S.No.	Name	CGPA
1.	Keerthana.A	9.18
2.	Darsani V	9.07
3.	Baby Nivetha D	9.06
4.	Aparna Devadas	8.79
5.	Hemalatha B	8.65

TOPPERS – I ECE

ECE BATCH 2019-2023 (UPTO II SEMESTER)					
S.No.	Name	CGPA	S.No.	Name	CGPA
1.	Rakshini S	9.34	15.	Fredrick Paul A	8.88
2.	Maanesh S	9.32	16.	Sneka A	8.86
3.	Palaniappan A R	9.28	17.	Harikrishnan V	8.82
4.	Monish B	9.24	18.	Haritha Lakshmi S	8.8
5.	Priyanka D	9.24	19.	Jamuna N	8.78
6.	Sweetie Kumari D	9.22	20.	Roshinee V	8.78
7.	Yazhini Gayathri P	9.16	21.	Santhana Priya G	8.74
8.	Sidharthan S	9.1	22.	Anandhan B	8.68
9.	Hephziba Merlin J	9.04	23.	Dhinakaran P	8.68
10.	Shruthi V	9.04	24.	Preethi R	8.68
11.	Gifty I N	9.02	25.	Sharmila Devi K	8.68
12.	Madhumitha R	8.94	26.	Pradeep kumar V	8.66
13.	Swetha S	8.94	27.	Sharon Rose S	8.62
14.	Denisha Priya G	8.9	28.	Shivani D	8.62



(NGO - Non Governmental Organisation Activities)

To give to the needy is true charity. **Our Chairman** desires for extending his support to the orphanages, homes of children suffering with cerebral palsy and differently abled, homes of the aged people through **St. Joseph's விடிவெள்ளி**, non-governmental organization. Also he wants to invoke the service mind of student community by encouraging visits to these homes. The world will praise and submit itself to the mind of the person who is able to give with affability, and to protect all who come to him. Each semester for the past **eight academic years more than 90 NGO homes**, which include 75 orphanages, 10 old age homes and 7 CP children home in and around Chennai have been visited by our student volunteers. These visits gave our students to be aware of the existence of poor, downtrodden life style and acknowledge their own good fortune and create a sense of duty towards those less fortunate which is the need of the hour for our country's development and make them responsible citizens.

Every year **St. Joseph's** has sponsored around **Rs. 80,00,000** and the student volunteers willing and whole heartedly utilized in an useful manner by offering the basic needs such as rice bags, groceries, toys, cloths, pillows, medicine etc., for the inmates. All the students, from first year to final year both UG and PG enthusiastically participated and mingled with inmates of home and spend their daytime with them share their happiness. They also spend their pocket money in useful manner by offering needy things. We extend our helping hands to semmencherry primary health center by providing volunteers and food items during health camps. Awareness rallies were arranged along with Chennai corporation health department. For the past eight years our college provides snacks in the evening to the students of Government Higher secondary School, Semmencherry. School attendance very much improved. In the SSLC and HSC board examination school results were improved. Computer training was given to the student. We renovated major areas of the school, water and sewage pipelines were erected with the cost of Rs.3 lakhs. Transport facilities are provided for schools in nearby area for their academic related visits.

We wish to continue this service forever.

Our department students visited the following homes from **June 2019 to March 2020:**

Class	Type of organization	Address of the Institution	Date of Visit
I ECE A	Orphanage	Web Memorial, St. Thomas Mount, Chennai	21.09.2019
I ECE A	Orphanage	Mariella's Childrens Home, Kalpakkam	22.02.2020
I ECE B	Orphanage	Thirvalluvur Jurugulam, Karani Mandabam,	21.09.2019
I ECE B	Orphanage	New Asiya Jyothi Social Service Trust, Red Hills	14.03.2020
I ECE C	Orphanage	R.C. Convent, Koothavakkam	21.09.2019
I ECE C	Orphanage	Day Spring Centre, 3/105, Pillayar Koil Street, Redhills	14.03.2020
II ECE-A	Orphanage	Anbagam, Vandalur	20/07/2019
II ECE-A	Orphanage	Annai Illam, Poovarasanpettai, Redhills	22/02/2020
II ECE-B	Orphanage	CSI Mahimai Illam, Opposite To CMC, Chengalpattu	08.02.2020
II ECE-C	Orphanage	Faith Home, Porur Near Police Station	14.12.2019
III ECE-A	Orphanage	Day Spring Centre, 3/105, Pillayar Koil Street, Redhills,	25.01.2020
III ECE-A	Orphanage	Faith Home, Porur	22/06/2019
III ECE-B	Orphanage	St. Thomas Care Home, Thandalam	06/07/2019
III ECE-B	Orphanage	Anbin Oli, 4th Street, K.S. Nagar, Puzhal	30/11/2019
IV ECE-A	Orphanage	Mahima Illam, Chengalpattu	17/08/2019
IV ECE-C	Orphanage	Anbin Oli, Puzhal	20/07/2019

At the end of all visits, student's eyes were filled with tears due to emotions. They were thankful to God and they count the blessings showered on them. Students were also inspired by the knowledge the children shared during the visit, their experience. On the way back, the student's hearts were sunken in heaviness. It makes the student realize the depth of blessing being showered on them by our God.

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 Travel Grants in National and International Level Contest, publishing papers in various international journals and conferences. The following are glimpses of few honours achieved by our students.



INAE Award- Indian National Academy of Engineering - Youth Conclave 2019

Name: **E. Godlin Sneha & G. Gloriya Seelan**

Year & Department: **II year ECE**

Mentor: **Dr.C.Gnana Kousalya HOD/ECE**

Title: **Smart Bag (Under the theme of Digital Revolution)**

Venue: **IIT Delhi, Main Campus**

Date: **9 August 2019 & 10 August 2019.**

Received with a Cash awards of Rs.15,000/- & Merit certificates



Name: **Mira Ganesh**

Year & Department: **III year ECE**

Event: **IEEE Photonics Conference -IPC 2019**

Venue: **San Antonio, TX USA**

Date: **29 September 2019 - 3 October 2019.**

**Received a travel grant of
2500 USD (Rs.1,99,950/-)
from IEEE Photonics society**

Tamil Nadu State Council for Science and Technology Student Project Scheme 2019-2020

Team Member: **1. Aruna Krishnan 2. Christy Kingsly**

Year & Department: **IV year ECE**

Title of the Project: **Versatile Insole Monitoring**

Mentor: **Dr.C.Gnana Kousalya HOD/ECE**

Organized by: **Tamilnadu State Council for Science and Technology(TSCST)**

Title of the Competition: **Student Project Scheme 2019-20**

Cash Award: **Rs.7500/-**

IEEE Student Project Funding 2019–20

Team Member: **1. Aruna Krishnan 2. Christy Kingsly**

Year & Department: **IV year ECE**

Title of the Project: **Smart Insole: Unobtrusive vitality monitoring System**

Organized by: **IEEE Madras Section**

Title of the Competition: **Student Project Funding 2019-20**

Date: **Aug 29th, 2019**

Mentor: **Dr.C.Gnana Kousalya, HOD/ECE**

Cash Award: **Rs.3000/-**



Name: **Mira Ganesh**

Year & Department: **III year ECE**

Event: **ET2ECN 2020**

Title of the paper: **New Modelisation of Silicon DWDM demux, AND Gate for wavelengths in C and L bands**

Venue: **Sardar Vallabhbhai National Institute of Technology, (NIT) Surat, Gujarat, India**

Date: **7 February 2020 - 8 February 2020.**



Name: **R. Subash**

Year & Department: **III year ECE**

Event: **ET2ECN 2020**

Title of the paper: **Smart Automated Energy Meter**

Venue: **Sardar Vallabhbhai National Institute of Technology, (NIT) Surat, Gujarat, India**

Date: **7 February 2020 - 8 February 2020.**



Name: **Casandra Josephine Fernando, Dharani V, Subhash R & Shiva Santhosh A**
 Year & Department: **III year ECE**
 Event: **She Says: Challenge Your Perspective**
 Title: **Renewable Energy and Micro Grids**
 Venue: **YESIST12 – International Project Competition at “VITCC SB Women in Engineering, at VIT Chennai.**
 Date: **13/July/2019.**
 Place Won: **III Prize**



Name: **Harchana S, Jeyalalitha K H, Rishika Srivastava, Rohini H**
 Year & Department: **II year ECE**
 Event: **Cognizant's Big Idea 2019 – an Ideathon**
 Title: **Electricity Controlled by using Heart beat Sensor (Pulsation factor)**
 Venue: **Cognizant, Chennai.**
 Date: **3 August 2019.**
 Place Won: **Finalist**



Name: **Wasim Akram N, Vikram chandran B, Stephen Hijam S Vishal B, Sulaiman S**
 Year & Department: **II year ECE**
 Event: **Line Follower**
 Venue: **Chennai International Youth Fest (CIYF), Chennai.**
 Date: **1 September 2019 to 15 September 2019.**
 Place Won: **Runner Up**

Team 1

Name: **Selvamadhavan.N, Sanjay.M, Sri Dharshan V S Reuben.S, Nikhil Madhavan K A, Shanmugapriyan**
 Year & Department: **III year ECE**
 Title: **Radioactive Recuperator**

Team 2

Name: **Godlin Sneha, Janeefa T, Bianca S I, JaneshaMarino X, MonishaPriya U, Abirami H, Bharathi R**
 Year & Department: **II year ECE**
 Title: **Smart bag**

Event: **India Innovation Challenge Design Contest 2019**

Organizer: **DST & Texas Instruments India Innovation Challenge Design Contest 2019**
Out of the 747 teams, in our department the above students for being selected for Quarterfinal teams and

Total Tools Received worth of \$400 USD



Technoxian - World Robotics Championship 2019
Times of India under AICRA (All India Council for Robotics and Automation),
New Delhi.

Name: **Vinoth.N, Sriram.V, Manikandan.K, Deepak. A**
Jeyasurya. S, Vikram Chandran.B, Wasim
Akram.N, Stephen Hijam.S, Vishal.B,
Dwaragnath.S.V, S.S.Sanjaykumar, Sulaiman.S

Year & Department: **II & III year ECE**

Event: **MICROMOUSE & ROBO RACE**

Date: **23/9/2019 to 25/9/2019.**

Place Won: **Finalist**



Covid-19 National Bio Information online Hackathon for Full Stackers

Team Member: **1. Dhanush B 2. Bharath S J 3. Dwaraganath S V**

Year & Department: **III year ECE**

Title of the Project: **Mobile Responsive Web for Covid – 19 Care**

Organized by: **Anna University, BIT Campus, Trichy**

Mentor: **Dr.C.Gnana Kousalya HOD/ECE**

Status: **Finalist**

Papers Published in Journals & Conference By Students

1. **Gowtham V and Charan R** published a Paper titled “Non-Contact Heart Rate Monitoring using Facial Video” in International Journal of Engineering and Advanced Technology (IJEAT) (Scopus).
2. **Sanjana R and Shiny Pon Sophia C** published a Paper titled “Quality and Durability Checking Of Clothes” in International Journal of Scientific & Engineering Research (IJSER).
3. **Aruna Krishnan and Christy K** published a paper titled “Versatile Insole Monitoring System” in the National Conference on Recent Advances In On–Board Ship Automation (Raobsa-2019) Organized by Department of EEE, AMET University.
4. **Deepika R S and Kannika M** published a paper titled “Lifeguard and Drowsy detection for Drivers” in the National Conference on Advanced Computing Technologies (NCACT'20) Organized by Velammal Engineering College.
5. **Gowdhami T U and Mayavinothini R** published a paper titled “Utilization of Fish excrete for plant growth using Machine Learning” in the International Conference on Wireless Communications Signal Processing and Networking organized by SSN College of Engineering.
6. **Sylviya A and Thanuja S** published a paper titled “Artificial Intelligence Based Auto Appliances Control System” in International Conference on Computer communication and Power Systems at Sri Venkateswara College of Technology, Chennai.
7. **Nandhini B R and Pramila Jeelana J** published a paper titled “Identification of Melanoma Using Features of the Skin” 2nd International Conference on Communication, Computing & Internet of Things (IC3IoT-2020), at Sri Sai Ram Engineering College, Chennai.

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 2019-2020

II YEAR ECE

SL N	NAME OF THE STUDENT	NAME OF THE EVENT	ORGANISER	PLACE
1	Abirami H	TI-India Innovation Challenge Design Contest 2019	Texas Instruments, IIM Bangalore	Received Tools worth of \$200 USD
		Technical Quiz	Anand Institute of Higher Technology	I
2	Akshaya R	Xpresso	SRM Institute of Science and Technology	II
3	Aravindhan A T	Project Expo	GKM College of Engineering & Technology	I
4	Aswin R	Project Expo	GKM College of Engineering & Technology	I
5	Bharath S J	Project Expo	GKM College of Engineering & Technology	I
6	Bharathi R	TI-India Innovation Challenge Design Contest 2019	Texas Instruments, IIM Bangalore	Received Tools worth of \$200 USD
7	Bianca S I	TI-India Innovation Challenge Design Contest 2019	Texas Instruments, IIM Bangalore	Received Tools worth of \$200 USD
8	DenishaJemi D	Xpresso	SRM Institute of Science and Technology	II
9	Dhanush B	Project Expo	GKM College of Engineering & Technology	I
10	Dharshaan M	Technical Quiz	Chennai Institute of Technology	II
11	Dwaragaanath.S V	Micromouse& Robo Race	Technoxian – World Robotics Championship 2019, Times of India under AICRA New Delhi.	Finalist
12	Elamathy D	Xpresso	SRM Institute of Science and Technology	II
13	Ganga devi K	Xpresso	SRM Institute of Science and Technology	II
14	Gayathri R	Xpresso	SRM Institute of Science and Technology	II
15	GloriyaSeelan G	INAE Youth	IIT, Delhi	II
16	GodlinSneha E	INAE Youth	IIT, Delhi	II
		TI-India Innovation Challenge Design Contest 2019	Texas Instruments, IIM Bangalore	Received Tools worth of \$200 USD

17	Gopinath M S	Technical Quiz	Chennai Institute of Technology	II
18	Harchana S	Cognizant The Big Idea Contest 2019	Cognizant, Chennai	Finalist
19	Hemalatha B	Follower of Hades	Velammal Engineering College	II
		Maze Solver	Sri Sairam Engineering College	III
		Line Follower	Sri Sairam Engineering College	II
20	Janeefa T	TI-India Innovation Challenge Design Contest 2019	Texas Instruments, IIM Bangalore	Received Tools worth of \$200 USD
21	Janesha Marino X	TI-India Innovation Challenge Design Contest 2019	Texas Instruments, IIM Bangalore	Received Tools worth of \$200 USD
22	JeryMershal M	Build in a day	KCG College of Technology	II
23	Jeyalalitha K H	Cognizant The Big Idea Contest 2019	Cognizant, Chennai	Finalist
24	Jeysurya S	Build in a day	KCG College of Technology	II
		Micromouse & Robo Race	Technoxian – World Robotics Championship 2019, Times of India under AICRA New Delhi.	Finalist
25	Kaushik T	Build in a day	KCG College of Technology	II
26	Keerthana A	Follower of Hades	Velammal Engineering College	II
		Maze Solver	Sri Sairam Engineering College	III
		Line Follower	Sri Sairam Engineering College	II
27	Manikandan K	Build in a day	KCG College of Technology	II
		Micromouse & Robo Race	Technoxian – World Robotics Championship 2019, Times of India under AICRA New Delhi.	Finalist
28	Mary Sushma Rose S	Follower of Hades	Velammal Engineering College	II
		Maze Solver	Sri Sairam Engineering College	III
		Line Follower	Sri Sairam Engineering College	II
29	MonishaPriya U	TI-India Innovation Challenge Design Contest 2019	Texas Instruments, IIM Bangalore	Received Tools worth of \$200 USD
30	Moulidharan M	TDCS-EUREKA Awareness Program for school	IEEE- Women In Engineering	Volunteer
31	Prathiksha B	Technical Quiz	Anand Institute of Higher Technology	I
32	Ranjithkumar M	Line Follower	SSN College of Engineering	II
33	Rishika Srivastava	Cognizant The Big Idea Contest 2019	Cognizant, Chennai	Finalist
34	Rohini H	Cognizant The Big Idea Contest 2019	Cognizant, Chennai	Finalist
35	Sanjay kumar S S	Line Follower	Sri Sairam Engineering College	I
		Line Follower	SSN College of Engineering	II
		Line Follower	Vellore Institute of Technology, Chennai	I
		Micromouse & Robo Race	Technoxian – World Robotics Championship 2019, Times of India under AICRA New Delhi.	Finalist

36	Shalini R	Quiz	GKM College of Engineering & Technology	III
37	Sivaram P	Robo Quiz	Sri Sairam Engineering College	I
		Connexion	St. Peter's College of Engineering and Technology	I
		Tech-Freak	Prince Dr.KVasudevan College of Engineering and Technology	III
38	Sridaran K	Build in a day	KCG College of Technology	II
		Technical Quiz	KCG College of Technology	III
		Robo Quiz	Sri Sairam Engineering College	I
		Circuit Restyle	St.Joseph's College of Engineering	I
		Mind to Mingle	St.Joseph's College of Engineering	I
		Code Twist	Jeppiaar Engineering College	II
		Tech-Freak	Prince Dr.KVasudevan College of Engineering and Technology	III
		Connexion	St. Peter's College of Engineering and Technology	I
		KahootMindfire	St. Peter's College of Engineering and Technology	II
		Wiring Challenge	Chennai Institute of Technology	I
		Debugging	Dwaraka Doss Goverdhan Doss Vaishnav College	II
		Crack It	Madha Engineering College	I
		Tech Quiz	Madha Engineering College	I
		Code Maestro	Madha Engineering College	II
39	SrinivasaPrabu J	Junkyard Jumble	SSN College of Engineering	II
40	Stephen Hijam S	Line Follower	Chennai International Youth Fest(CIYF)	II
		Micromouse & Robo Race	Technoxian – World Robotics Championship 2019, Times of India under AICRA New Delhi.	Finalist
41	Subhashree M	Quiz	GKM College of Engineering & Technology	III
42	Subikshaa V	Paper Presentation	Prince Dr. K Vasudevan College of Engineering and Technology	I
		Paper Presentation	St.Peter's College of Engineering and Technology	I
		Circuit Debugging	St. Peter's College of Engineering and Technology	I
		Paper Presentation	Madha Engineering College	II
		Paper Presentation	Agni College of Technology	II
43	Sulaiman S	Line Follower	Chennai International Youth Fest(CIYF)	II
		Line Follower	Vellore Institute of Technology, Chennai	I
		Micromouse & Robo Race	Technoxian – World Robotics Championship 2019, Times of India under AICRA New Delhi.	Finalist
44	Thabudharshini V	Quiz	GKM College of Engineering & Technology	III
45	Tharani S	Paper Presentation	Prince Dr. K Vasudevan College of Engineering and Technology	I

		Paper Presentation	St.Peter's College of Engineering and Technology	I
		Circuit Debugging	St. Peter's College of Engineering and Technology	I
		Mock Interview	Agni College of Technology	II
		Paper Presentation	Madha Engineering College	II
		Paper Presentation	Agni College of Technology	II
		Paper Presentation	R.M.K Engineering College	I
		Paper Presentation	Madras Institute of Technology	I
46	Tharun A V K	Line Follower	Vellore Institute of Technology, Chennai	II
47	VikramChandran	Robowar	Sri Sairam Engineering College	III
		Line Follower	SSN College of Engineering	II
		Line Follower	Chennai International Youth	II
		Line Follower	Vellore Institute of Technology,	I
		Micromouse & Robo Race	Technoxian – World Robotics Championship 2019, Times of India under AICRA New Delhi.	Finalist
48	Vishal B	Line Follower	Chennai International Youth	II
		Line Follower	Vellore Institute of Technology, Chennai	I
		Micromouse & Robo Race	Technoxian – World Robotics Championship 2019, Times of India under AICRA New Delhi.	Finalist
49	WasimAkram	Robowar	Sri Sairam Engineering College	III
		Line Follower	SSN College of Engineering	II
		Line Follower	Chennai International Youth	II
		Line Follower	Vellore Institute of Technology, Chennai	I
		Micromouse & Robo Race	Technoxian – World Robotics Championship 2019, Times of India under AICRA New Delhi.	Finalist
50	Yasmin Immaculate	Mock Interview	Agni College of Technology	II
		Quiz	GKM College of Engineering & Technology	III
		Paper Presentation	GKM College of Engineering & Technology	III
51	Yogapriya T	Quiz	GKM College of Engineering & Technology	III

III YEAR ECE

SL NO	NAME OF THE STUDENT	NAME OF THE EVENT	ORGANISER	PLACE
1	Abirami K	Tech Quiz	St. Joseph's College of Engineering	I
2	Abraham Ziegen I	Circuit Debugging	Saveetha School of Engineering	I
3	Adlin Jenifer T	Quiz	GKM College of Engineering & Technology	I
4	Agathiyan A	Quiz	GKM College of Engineering & Technology	I
5	AravindBalaji M	AGS Transcat, Hackthon	AGS Transcat, Mumbai	Finalist
		Dumb Charades	Saveetha School of Engineering	I

6	Bhavithra D	Paper Presentation	GKM College of Engineering & Technology	II
7	Casandra Josephine Fernando	YESIST12-International Project Competition	VITCC SB Women in Engineering with IEEE MADRAS Section and We Power at VIT Chennai.	III
		Technical Puzzle	Madha Engineering College	I
		Quiz	GKM College of Engineering & Technology	I
8	Deepak A	Micromouse & Robo Race	Technoxian - World Robotics Championship 2019, Times of India under AICRA New Delhi.	Finalist
9	Deepika V	D-Crypt Hunt	KCG College of Technology	I
		Fandom Quiz	KCG College of Technology	II
		Paper Presentation	GKM College of Engineering & Technology	II
10	Dharani U	Digitrix	St. Joseph's College of Engineering	I
11	Dharani V	YESIST12-International Project Competition	VITCC SB Women in Engineering with IEEE MADRAS Section and We Power at VIT Chennai.	III
		Technical Puzzle	Madha Engineering College	I
12	Ebenezer R	AGS Transcat,	AGS Transcat, Mumbai	Finalist
		Circuit Puzzle	Saveetha School of Engineering	II
13	Geffania Geraldine G	Paper Presentation	GKM College of Engineering	II
14	Haritaa K R	Developers Date	Chennai Institute of Technology	II
		Paper Presentation	GKM College of Engineering & Technology	III
15	Harrish M	IPL Auction	Madras Christian College	II
16	Jeffrey Sebastian A	Mother of Engineering	Sathyabama Institute of Technology	III
17	Jeyakumar K	D-Crypt Hunt	KCG College of Technology	I
		Fandom Quiz	KCG College of Technology	II
18	Joel Manova M	Circuit Puzzle	Saveetha School of Engineering	I
		Circuit Debugging	Saveetha School of Engineering	I
19	Joy James A	Quiz	GKM College of Engineering & Technology	I
20	Karthika Devi S	Tech Quiz	St. Joseph's College of Engineering	I
21	Kevin Bradley M	Idea Expo	Sathyabama Institute of Technology	II
22	Lenisha Malar J P	Women Empowerment	Kongu Engineering College	I
		Paper Presentation	GKM College of Engineering & Technology	II
23	Leo Rabinson M	Line Follower	Vellore Institute of Technology, Chennai	II
		Quiz	GKM College of Engineering & Technology	I
24	Mira Ganesh	Women Empowerment	Kongu Engineering College	I
		IEEE Photonics Conference -IPC	San Antonio, TEXAS USA	Presented
		ET2ECN 2020 Conference	Sardar Vallabhbhai National Institute of Technology, (NIT) Surat, Gujarat, India	Presented

25	Mithra Jagadeesan	Connections	Dhanalakshmi College of Engineering	II
26	Nikhil John Thomas J	WRC-Fastest Line Follower	Technoxian - World Robotics Championship 2019, Times of India under AICRA New Delhi.	Finalist
27	Nikhil Madhavan K A	TI-India Innovation Challenge Design Contest 2019	Texas Instruments, IIM Bangalore	Received Tools worth of \$200 USD
28	Pooja S	Fun Combo	KCG College of Technology	III
29	Rakshana R	Idea Generation Contest	Girl script, Chennai	I
30	Renuka E	Circuit Debugging	Dhanalakshmi College of Engineering	II
31	Reuben S	TI-India Innovation Challenge Design Contest 2019	Texas Instruments, IIM Bangalore	Received Tools worth of \$200 USD
32	Sanjana M	Idea Generation Contest	Girl script, Chennai	I
33	Sanjay M	TI-India Innovation Challenge Design Contest 2019	Texas Instruments, IIM Bangalore	Received Tools worth of \$200 USD
34	Saradha M	Paper Presentation	RMK College of Engineering & Technology	I
35	Saraswathy A R	Paper Presentation	RMK College of Engineering & Technology	I
36	Sarulatha D	Paper Presentation	GKM College of Engineering & Technology	III
37	Selvamadhavan N	TI-India Innovation Challenge Design Contest 2019	Texas Instruments, IIM Bangalore	Received Tools worth of \$200 USD
38	Shanmugaapriyan M	TI-India Innovation Challenge Design Contest 2019	Texas Instruments, IIM Bangalore	Received Tools worth of \$200 USD
39	Sharine R	Fun Combo	KCG College of Technology	III
40	Sherlin J	Circuit Debugging	Dhanalakshmi College of Engineering	II
41	Shiva Santhosh A	YESIST12-International Project Competition	VITCC SB Women in Engineering with IEEE MADRAS Section and We Power at VIT Chennai.	III
42	Simon Danielraj S	Quiz	Madha Engineering College	II
43	Sivanesh S	Paper Presentation	Madha Engineering College	I
44	Sivapriya M	Line Follower	Vellore Institute of Technology, Chennai	II
45	Sri Dharshan V S	TI-India Innovation Challenge Design Contest 2019	Texas Instruments, IIM Bangalore	Received Tools worth of \$200 USD

46	Sriram V	Line Follower	Vellore Institute of Technology, Chennai	II
		Micromouse & Robo Race	Technoxian - World Robotics Championship 2019, Times of India under AICRA New Delhi.	Finalist
47	Subhash R	YESIST12-International Project Competition	VITCC SB Women in Engineering with IEEE MADRAS Section and We Power at VIT Chennai.	III
		Tech Bud	St. Joseph's College of Engineering	III
		Mack-A-Thon	St. Joseph's College of Engineering	II
		ET2ECN 2020 Conference	Sardar Vallabhbhai National Institute of Technology, (NIT) Surat, Gujarat, India	Presented
48	Subhashini R	Fun Combo	KCG College of Technology	III
49	Suriyanarayanan N V	Paper Presentation	Madha Engineering College	I
50	Swathi G	Paper Presentation	RMK College of Engineering & Technology	I
51	Swetha Annie	Connections	Dhanalakshmi College of Engineering	II
52	Thirusenthilmurugan K	Tech Track	St. Joseph's College of Engineering	III
		IPL Auction	Madras Christian College	II
		I-Quiz	Anna University, Chennai	III
53	Varsha S	Connections	Dhanalakshmi College of Engineering	II
54	Vasanthan A	IPL Auction	Madras Christian College	II
55	Vigneshkumar R	Tech Track	St. Joseph's College of Engineering	III
		Paper Presentation	Madha Engineering College	I
56	Vijay S	Paper Presentation	Madha Engineering College	I
57	Vinoth N	Line Follower	Vellore Institute of Technology, Chennai	II
		Micromouse & Robo Race	Technoxian - World Robotics Championship 2019, Times of India under AICRA New Delhi.	Finalist

IV YEAR ECE

SL NO	NAME OF THE STUDENT	NAME OF THE EVENT	ORGANISER	PLACE
1	Aruna Krishnan	Conference	AMET University	Best
2	Charan R	Journal- Scopus	International Journal of Engineering and Technology (IJEAT)	Published
3	Christy K	Conference	AMET University	Best
4	Deepika R S	Tech Bud	St. Joseph's College of Engineering	III
		Mack-A-Thon	St. Joseph's College of Engineering	II
5	Gowdhami T U	Tech Bud	St. Joseph's College of Engineering	III
		Mack-A-Thon	St. Joseph's College of Engineering	II
6	Gowtham V	Journal- Scopus	International Journal of Engineering and Technology (IJEAT)	Published
7	Kannika M	Tech Bud	St. Joseph's College of Engineering	III
		Mack-A-Thon	St. Joseph's College of Engineering	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 2019-2020

The Entrepreneurship Development Cell (EDC) is created with an intention of nurturing entrepreneurship skills of the students. The EDC of the College has collaborated with the Entrepreneurship Development Institute of Tamil Nadu, to enhance entrepreneurial skills among the students and to provide the right orientation, training and counseling for the students.

Funded Workshops Conducted:

- An “**Entrepreneurship Awareness Camp**” jointly sponsored by **Department of Science and Technology- National Implementing and Monitoring Agency for Training (DST-NIMAT)** Entrepreneurship Development Institute of India, Ahmadabad (EDI) and National Science & Technology Entrepreneurship Development Board (NSTEDB), New Delhi was conducted from **16th to 18th September 2019**. Around 110 students participated in the awareness camp which consisted of a series of guest lectures and Industrial visits. The students were addressed by reputed speakers.

1. **Mr.Ramesh Iyengar, Chairman & Managing Director** of Zsivira Chemie Merk Ltd.
2. **Mr.Rathnakumar, Director** of Kaar Technologies India Pvt. Ltd.
3. **Mr.S.P.Balamurugan, Co-founder & CEO** of GUVI Geek Network Pvt Ltd.
4. **Mr.Suresh Radhakrishnan, Founder** of Chaikanth Pvt. Ltd.
5. **Mr.Nelson Naveen, Founder** of Nelsonin Research.

The other high light of the programme was **Alumni Entrepreneurs Meet** on 17.09.2019. Alumni Entrepreneurs were invited to give talk on their personal journey of Entrepreneurship. Also, one Factory visit to Hatsun Agro products, Kancheepuram was arranged.



- An “**Entrepreneurship Awareness Camp**” jointly sponsored by **Department of Science and Technology- National Implementing and Monitoring Agency for Training (DST-NIMAT)** Entrepreneurship Development Institute of India, Ahmadabad (EDI) and National Science & Technology Entrepreneurship Development Board (NSTEDB) New Delhi; was conducted on **5th, 6th and 8th January 2020**. Around 72 students participated in the awareness camp which comprised of workshop for two days and one day Industrial visit.
- The workshop was conducted by **Mr.Nelson Naveen, Founder** of Nelsonin Research a very energetic and young Alumni Entrepreneur.



- The students were grouped and asked to come up with new products from already existing products in the market. The best teams with innovative products were awarded. Also, one day Factory Visit to Parle Company, Chennai was arranged.

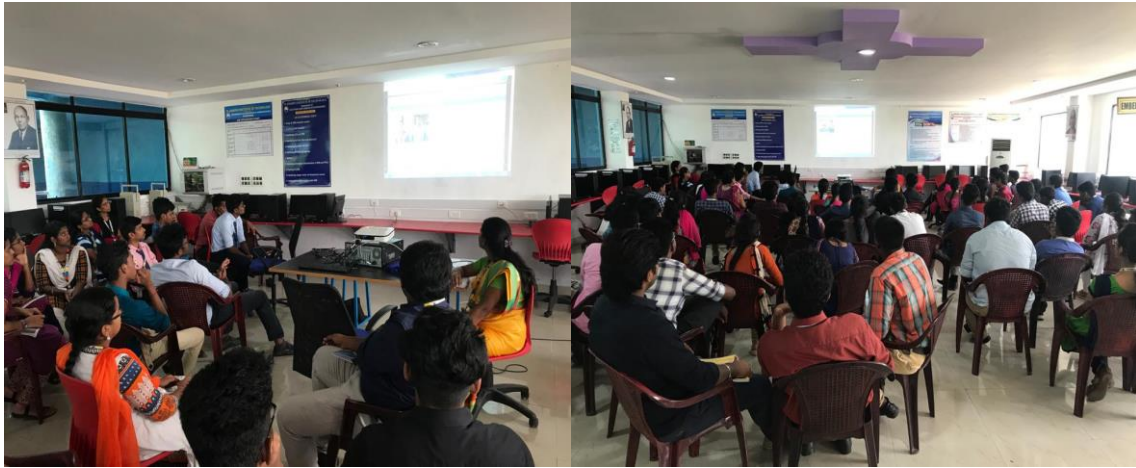


Activities Conducted:

- ❖ On 05th July 2019, **Design Thinking Workshop** was conducted for the Second Year and third year Entrepreneurship cell members, nearly 100 students participated in the event. During the event, students were grouped and asked to come up with new products from already existing products in the market. The best teams with innovative products were awarded.



- ❖ **On 10th July 2019, Idea Competition** was conducted for all second year Entrepreneurship cell members, nearly 110 students participated in the event. Students were grouped randomly and asked to come up with a company name, logo and tagline. The teams who managed to come up with unique companies were awarded.



- ❖ **On 16th July 2019, EUREKA competition** was conducted for entrepreneurship cell members and the winners were given prizes.



- ❖ **On 23rd July 2019, Brainstorm competition** was conducted for entrepreneurship cell members where teams were given a problem statement for which they have to come up with a technical solution. Best team was awarded and sponsored to come up with a prototype.
- ❖ **On 16th & 17th August 2019, Learn WISE Online Course on Entrepreneurship (LW100)** for second year and third year students was organized. The course detailed about all the entrepreneurship needs and characteristics.



Events Attended:

- **Mr.E.Praveen Kumar** attended **National Workshop on ‘Intellectual Property Rights & Entrepreneurship’** organized by **Programme monitoring office – Innovation & Entrepreneurship Development Programme** held at MIT Anna University, Chennai from 2nd to 3rd of December 2019.
- **Mr.E.Praveen Kumar** Successfully completed two days training on **‘Intellectual Property Rights & Technology Transfer’** conducted as a part of **IIC Innovation Ambassador Training Series Organized by Institution’s Innovation Council of MHRD’s Innovation Cell** held at RMK Engineering College, Chennai, Tamil Nadu on 8th & 9th January 2020.

Outside College Participation

- **Vijay.S** (III year ECE) and **Sai Krishna.G** (III year CSE) attended a **National ‘E-Cell Leader Workshop’** organized by **Programme Monitoring office – Innovation & Entrepreneurship Development Programme** held at CED Anna University, Chennai from 1st to 2nd of August 2019.
- **K.E.Sanjana, M.Sanjana and R.Rakshana** (III year ECE) were finalized and selected to participate in **Tamil Nadu Student Innovators 2019 Award- IDEATION Program** conducted by the Centre for Entrepreneurship Development (CED), Anna University with the support of Entrepreneurship Development and Innovation Institute (EDII-GoTN) on 7th of January 2019 and have been selected for final round.
- **M.Sanjana and R.Rakshana** (III year ECE) secured the **first place** in **Online Idea generation contest** conducted by **Girl script, Chennai**.
- **A.Siddharth and S.Prince Nathan** (III year Mech) attended a **TNSI 2019 -Awareness Program** Conducted by Centre for Entrepreneurship Development (CED), Anna University held at **Madras Institute of Technology, Chrompet, Chennai** on 29th Nov 2019.
- **Allan Xave Baggio.A, Balaji.A** (III CSE) and **Vickram Fidolin.A** (II CSE) attended a workshop **‘Innodhya 2020’** at **Loyola College, Chennai**.
- **Vijay.S, Surya Narayanan and Sivanesh** of (III ECE) were finalized and selected to participate in **Tamil Nadu Student Innovators 2019 Award- IDEATION Program** conducted by the Centre for Entrepreneurship Development (CED), Anna University with the support of Entrepreneurship Development and Innovation Institute (EDII-GoTN) in month of December 2019 and have been selected for final round.

Department student Sports activities

S.No	Name of the student	Year & Sec	Event	Prizes Won
1.	Umadevi S	III B	400 IM Anna University-Zonal	Gold
			800 Free swimming Anna University-Zonal	Bronze
			400 Free swimming Anna University-Zonal	Silver
			200 IM Anna University-Zonal	Gold
			200 Brest Stroke Anna University-Zonal	Bronze
			200IM C.M.Trophy	Gold

Guest Lectures and Industrial Visits

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:

ODD Semester (2019-2020)

Sl. No.	Date of Lecture	Year /Batch	Resource Person	Topic
1	02/07/19	IV / 2016-20	Mr. V. Rajaram Chief Executive Officer NAVYA INSIGHTS, Chennai	5G Technology 360 Degree Perspective
2	03/07/19	IV / 2016-20	Mr. J. Santhanakrishnan Dy. General Manager BSNL, Chennai Visiting Faculty, NIT Nagaland	Sensor Networks and its Application
3	27/07/19	III / 2017-21	Mr.K.M.Balaji RGM TTC, BSNL	Latest Trends in telecom
4	08/08/19	III / 2017-21	Mrs.M.Priyadharshini Associate Professor Military College of Engineering Secundrabad	GMRT-A Communication Antenna for Radio Astronomy
5	15/07/19	II / 2018-22	Mr. H.R.Mohan Chair, ACM, Chennai	Recent Trends in IOT
6	17/07/19	II / 2018-22	Dr. P.A.Manoharan, Chairman IEEE Madras Section, Director Robotics Innovations Pvt. Ltd.,	Robotics and Automation

Even Semester (2019-2020)

Sl. No.	Date of Lecture	Year /Batch	Resource Person	Topic
1	22/02/20	II / 2018-22	Mr. Ganesh Balasubramanian, Deputy Director of engineering – APAC, Engineering Manager – India, Amphenol Antenna Solutions, Chennai	Recent Trends in Antenna Design
2	25/02/20	II / 2018-22	Dr.D.Kalphana, Principal Scientist, CECRI, CSIR, Chennai -113	Recent Trends in Fuel cells for mobile Phones
3	06/02/20	II / 2018-22 III / 2017-21	Mr. Vandit Bhurat, Tech-Regional Manager, Honeywell Aerospace- Navigation Bengaluru India	Next Generation navigations Solutions
4	26/02/20	III / 2017-21	R. Baskar, Sub Divisional Engineer, Faculty – RTTC – BSNL -Chennai	Mobile Technology
5	28/02/20	III / 2017-21	Dr.P.Sivsankar, Associate Professor, Natal institute of Technical Teachers Training and Research, Chennai	Recent Trends in Communication Engineering

Industrial Visits

Industrial Visits are from time to time being arranged by our college for all the students to interrelate on a consistent basis with Industries and top software companies. The intention of these visits is to boost the student's understanding of information expertise. Such visits will help the students to get a comprehensible thought of the happenings and also to extend their career in the high tech industrial requirements. An index of some companies which our students have visited as part of Institution-Industry-Interface:

ODD Semester (2019-2020)

Sl. No	Year	Section	Date of visit	Name of the company Visited
1	II	A	16/07/2019	Retech Solutions Pvt. Ltd., Tambaram
2		B	18/07/2019	Retech Solutions Pvt. Ltd., Tambaram
3		C	19/07/2019	Retech Solutions Pvt. Ltd., Tambaram
4	III	A	22/07/2019	TVS Motors, Hosur.
5		B	26/07/2019	National Atmospheric Research Laboratories, Tirupathi
6	IV	A & B	25/07/2019	Boodskap, Chengalpat
7		C	25/07/2019	Manatec Electronics Pvt. Ltd, Pondicherry



Industrial Visit at TVS Motors, Hosur

Even Semester (2019-2020)

Sl. No	Year	Section	Date of Visit	Name of the company Visited
1	II	A	25/02/2019	Modern Bakers Pvt. Ltd.,(Parle Agro), Chennai
2		B	25/02/2019	Modern Bakers Pvt. Ltd.,(Parle Agro), Chennai
3		C	07/02/2020	Modern Bakers Pvt. Ltd.,(Parle Agro), Chennai
4	III	A	28/01/2020	North Chennai Thermal Power Plant, Ennore
5		B	23/01/2020	North Chennai Thermal Power Plant, Ennore



North Chennai Thermal Power Plant, Ennore

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 rejuvenate 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. The members of Mathematics club have participated in various colleges and universities and they have won many prizes.

S. NO	Name of Students	Year & Section	Name of the	Place Won	Date
1.	Sridaran K Sivaram P	II ECE-C	Math Attack	II	21/02/2020

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 commemorate 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.

S. No	Name of Students	Year &	Name of the Events	Place Won	Date
1.	Naveen V Sivanesh S	III ECE-B	Redemption Universe	I	6/03/2020

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 2019-2020:

EVENT NAME: PROJECT PRESENTATION

To initiate this event for our student which is to improve their presentation skills, product development and team collaboration to give the outcome as an amazing full furnished product also helps to participate project expo/display event conducted by various institutions in a smart way.

S. No.	NAME OF THE STUDENT	YEAR	TITLE OF THE PROJECT
1	Andrea Paulin.D Aiswarya.G Denisha Jemi.D	II ECE A	Women Safety Sandals
2	Dhanush.B Bharath.S.J Aravindhana.A.T	II ECE A	Last mile Drone Delivery Automation
3	Hemalatha.B Manikandan.K Jeyasurya.S	II ECE B	Bore well Rescuer
4	Graham Staines Smith.J Balamurugan.P Arun Kumar.P	II ECE A	Smart Transportation
5	Dhivya Dharshini J Baby Nivedha D Aparna Devadas	II ECE A	Smart Irrigation

EVENT NAME: BRAIN WITCH

Brain Witch is a technical quiz contest for intra department students which are a platform to showcase their knowledge in recent technologies. The Event consists of two rounds, which are as follows Prelims (MCQ written test), Finals (Kahoot online MCQ). The Events which helps to Participate and won prize Symposium conducted by various Institutions. The following listed teams are top scorer among the participation.

S.NO	TEAM MEMBERS	YEAR & SEC
1.	Andrea Paulin D Aiswarya.G Denisha Jemi D	II ECE A
2.	Gowardhan N Aswin.R Adhavan A	II ECE A
3.	Divya Dharshini J Baby Nivetha D Aparna Devadas	II ECE A
4.	Balamurugan P, Arun Kumar P Aravindh M, Balaji.R	II ECE A
5.	Tharani S, Shubashree M Shruthi K	II ECE C
6.	Yogapriya T, Shivaram P	II ECE C

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 & MECHANICAL who are interested in learning about and working with robots.

TRAINING PROGRAMS

S.No.	Date	Name of the Industry	Topic	Days
1.	29.8.2019 & 30.8.2019	New Propeller Technologies R&D Pvt Ltd, Chennai	Fastest Line Follower Workshop by New Propeller Technology, Chennai	2
2.	12.9.2019 & 13.9.2019	New Propeller Technologies R&D Pvt Ltd, Chennai	Design and Development of Robot	2

PRIZE WINNERS – NATIONAL LEVEL BOT COMPETITIONS

S.No.	Name	Year & Dept.	Date	Event	College	Place Won
1.	Hemalatha B Keerthana A Mary Susma Rose S	II ECE	19.8.2019	Line Follower	Sri Sairam Engineering College	II
2.	Hemalatha B Keerthana A Mary Susma Rose S	II ECE	19.8.2019	Maze Solver	Sri Sairam Engineering College	III
3.	Vikram Chandran B Vishal B, Sulaiman S Sanjay Kumar S S Govarthanan P I-EEE	II ECE	13.09.19 & 14.09.19	Line Follower	VIT University, Chennai	II
4.	Vinoth N, Sriram V Leo Robinson M, Tharun A.V.K Sivapriya M, Jawahar Raghavendhran-EEE	III ECE	13.09.19 & 14.09.19	Line Follower	VIT University, Chennai	III

NATIONAL LEVEL ROBOTIC COMPETITION “St. JOSEPH’S BOT‘19”

The **St. Joseph’s Robo Club** of St. Joseph’s Institute of Technology, Chennai has organized the “**National Level Robotic Competition – St. Joseph’s BOT ‘19**” on 10th October 2019 for school students from 8th to 12th and for College students. The blissful day started with registration, a total of 123 students from 22 Schools and 6 colleges registered and enthusiastically participated in the all the events. **Mr. M. K. Swaminathan, Founder and CEO AROBOT**, Chennai was the Chief Guest for the function and inaugurated the event. The event was presided over by **Mrs. B. Jessie Priya, Managing Director**, St. Joseph’s Group of Institutions, and **Dr.P.Ravichandran, Principal**, St. Joseph’s Institute of Technology.



Name of the event: National Level Robotic Competition “**St. Joseph’s BOT‘19**”

Date of Event: 10/10/2019

Event Details: National level School Competition “St. Joseph’s BOT” embraced with the following events.

1.FOLLOW IT!!! (8th to 12 th Standard)

Build your own autonomous robot within the specified dimensions to achieve the maximum the given track and reach the destination in minimum speed to beat other robots on time.

2.SENSE THROUGH!!!(8th to 12 th Standard)

The goal is to reach the end of the maze in the fastest time possible using obstacle detection.

3.ROBOTIC APPLICATIONS!!! (Polytechnic & Engineering College)

This competition is an excellent opportunity for undergraduate students to showcase their ability to design and build a robot for different applications.

Total Prize Amount : Rs.40,000/-

No of schools who participated: Schools-22, Colleges-6, Participants-123



NATIONAL LEVEL SCHOOL COMPETITION “ St. JOSEPH’S GENIUS ‘19”

On the account of the Silver Jubilee celebrations of St. Joseph’s College of Engineering, St. Joseph’s Group of Institutions, Under the guidance of **Dr.B.Babu Manoharan, Chairman**, St.Joseph’s Group of Institutions, **Mrs. B.Jessie Priya, Managing Director**, National Level School Competition “**St. Joseph’s GENIUS ‘19**” was conducted on 14/10/2019 presided over by **Mr.B.Shashi Sekar, Director**, St.Joseph’s Group of Institutions, and **Mr.P.Ravichandran**, Principal, St.Joseph’s Institute of Technology. As an auspicious representation the lighting of Kuthuvilaku was done by the chief guest **Mr. Sathish Ramachandran Chief Technical Officer, AROBOT, Chennai** and other dignitaries on stage.



Date of Event: 14/10/2019

Event Details: National level School Competition “St. Joseph’s GENIUS ‘19” embraced with the following 5 events. INNOVX, RE – FLEX, I – QUIZ, TECH – X, SCI-DEBATE

Total Prize Amount: Rs. 45,000/-

No: of participants& Schools: 583 students & 38 Schools



National Level School Competition “St. Joseph’s GENIUS ‘19”

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 **126 -student members** and **04 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.V.R.Balaji (Assistant Professor, ECE)
3. Dr.G.S Uthayakumar (Associate Professor, ECE)
4. Mr.K.Immanuel (Assistant Professor, ECE)

S.NO	SOCIETY	Total Members 2019-2020
1	IEEE Robotics and Automation Society	31
2.	IEEE WIE	126
3.	IEEE Engineering in Medicine and Biology Society	28
4.	IEEE Broadcast Technology Society	23
5	IEEE Antennas and Propagation Society	26
6	IEEE Photonics Society	26

We have also conducted various technical events for ECE Student under IEEE as listed below.

S. No.	Event Dates	Event Type	Topic of the Event	Total strength
1	19/07/2019	Competition	Antenna Tech Gap	25
2	14/03/2019	Competition	Doodle for Women Empowerment	16



Doodle for Women Empowerment



Antenna Tech Gap

IEEE Photonics Society (PS) Distinguished Lecture Program (DLP)

Title: Talk on Photonics for Broadband Microwave Measurement

Department: ECE

Speaker details: Dr. Shilong Pan Professor, Nanjing University of Aeronautics and Astronautics, Director, Institute of Optoelectronic Engineering, NUAA, China.

About: The speech elaborated about a Microwave measurement refers to the acquisition of parameters of a microwave signal, device, and subsystem, or the identification of properties of an object via microwave-based approaches. Academic experts from IIT Madras namely Dr. Karamdeep Singh, Professor, Dr. Deepa Venkitesh, Professor and Sreeraj S J, Rana Pratap, Lakshmi Narayanan V, Smaranika Swain research scholars from Electrical Engineering, also joined us for the session and had brainstorming.



IEEE Photonics Society (PS) Distinguished Lecture's Talk On "Photonics for Broadband Microwave Measurement"

International Level IEEE-Women's inEngineering (WIE) Meet

The IEEE WIE One Day National Meet with **Distinguished Lecture** was conducted on 31st August 2019. **Mrs.EmiYano,IEEE Region -10 (Asia Pacific) Women in Engineering Chair, Japan**, was the Chief Guest. **Dr.Vydeki ,Chair ,Madras IEEE WIE** also accompanied the guest. She gave the students a brief presentation on her journey and the opportunities available in IEEE especially for Women. Participants were from colleges around the country.



IEEE WIE One Day International Meet with Distinguished Lecture

Educational Awareness Camp for School Students

The main objective of this event is to provide an exposure to the school students about the developing technology and opportunities available for their future. The participants i.e. the college **student volunteers** provide an insight and brief about the innovative technologies developing day by day in and around the world and also the opportunities and options available through their presentations. This event provided volunteers a great experience and exposure on presenting the available future opportunities, career streams and the developing technologies. Totally 3 teams participated from the college and visited a **total of 12 schools (6 urban and 6 rural)** in the district. The soft copies of presentations, registration forms and the photos were submitted to the Regional **Head IEEE team wise** with all the details of the team members along with their team leader and the hard copy of the above were sent to the office of the Regional Head IEEE. The whole visit was uploaded in a video format in the official website of the **Eureka, TDCS-2019 event**.



Educational Awareness Camp for School Students - TEAMS PARTICIPATED

Team	Team Name	Name of the Student	Date of Visit	School Name	Category
1.	Fantasticans	Team leader: K.E.Sanjana Team Members 1.R.Srinivedha 2.A.T.Aravindhan 3.S.MarySusmaRose	22 th July 2019	Sunshine higher secondary school	Urban
				Dave baba vidyalaya school	Urban
			29 th July 2019	Government girls higher secondary school	Rural
				K.E. Natesa Chettiyar Mel Nilai Palli	Rural

Team	Team Name	Name of the Student	Date of Visit	School Name	Category
2.	TechQuad	Team Leader: R.Subhash Team Members: S.Sam Patrick V.Santhosh Kumar Rishika Srivastava	25 th July 2019	Colors Indian School, Kandagai, Chennai-5600127	Rural
				St Joseph's matriculation school,vandalor, Chennai-5600127	Rural
			29 th July 2019	St John's matriculation school, East tambaram, Chennai-5600059	Urban
				St.Joseph's higher secondary School, East tambaram, Chennai-5600059	Urban

Team	Team Name	Name of the Student	Date of Visit	School Name	Category
3.	Tech-ECE	Team leader: DHARANI.V Team Members: 1. KarthikaDevi 2. Subikshaa.V 3. Moulidharan	24 th July 2019	Madras Christian College Higher Secondary School, Chetpet, Chennai-31	Urban
				Madras Christian College Public School,Chetpet, Chennai-31	Urban
			29 th July 2019	Arignar Anna Government Higher Secondary School(Boys) Poonamallee, Thiruvallur District-056	Rural
				Government Girls Higher Secondary School, Poonamalle, Thiruvallur District-056	Rural



IEEE Photonics Society



IEEE Photonics Society was inaugurated by Dr. T.D. Subash Chair-IEEE Photonics society madras chapter on 26/9/2019

Student Development Training Program (SDTP)

BTS Read Through

Department of ECE & IEEE BTS of St. Joseph's Institute of Technology conducted a **BTS Read Through** on 24/06/2019. The key goal of the event was increasing the importance of reading journal among the students for doing the initialize research. The question in the round framed about the Journal name, DOI no, hardware, software, methodology, and future extension of project from the paper.



IEEE Day Celebrations



Department of ECE, IEEE of St. Joseph's Institute of Technology conducted a IEEE DAY celebrations on 05.10.2019. We organized a Rangoli competition where the students need to make a rangoli of the pictures we captured during the events organized throughout the year, distributed chocolates to the IEEE members, and took a group picture.

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) : Mr.E.Praveenkumar (Assistant Professor, ECE)

IETE Faculty Member : 1. Dr. C.Gnana Kousalya (Professor, ECE)
2. 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.	Demystifying EMI/EMC and Troubleshooting technique	Kalaiyarasi.K, RF Engineer & Abinash.S, EMC Testing Engineer, TekiKnow Technologies Privated Limited	19 th Feb 2020
Online Webinar			
2.	Business Intelligence (BI)	Dr.Mithileysh Sathiyarananayan, MIT City, London City, University of London.	18 th May 2020
3.	A Risk of Artificial Intelligence: A security Perspective	Dr.Sibi Chakaravarthy, Associate Professor, VIT-AP.	12 th June 2020
4.	Application of ML tools for Healthcare	Dr.B.Surendiran, Associate Dean(Academics), National Institute of Technology(NIT) Puducherry,karaikkal.	04 th July 2020



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.
- By considering the performance of the ISTE Student member, a member can get Best Student Chapter Prize/Award by ISTE, New Delhi

STUDENTS COMPETITIVE EXAM RESULTS

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

2016-2020 Batch

S.No	NAME OF THE STUDENT	EXAM
1	Arun Kumar G	GRE, IELTS, JEE Main and JEE Advanced
2	Aravinth N	GRE, IELTS
3	Annai Iyerlin W	GATE
4	Annai Sherlin W	
5	Aruna Krishnan	
6	Deepika R S	
7	Gowthami T U	
8	Janaki R	
9	Kannika M	
10	Keerthana S	
11	Kezia S	
12	Madhumitha U	
13	Vigneshwaran R	
14	Vivia Davis	

Business English Certificate

The Business English Certificate (BEC), a certification from Cambridge University, ESOL, is a qualification which is specifically in English for work. 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 2016-2020

LEVEL	NO.OF STUDENTS APPEARED	NO.OF STUDENTS PASSED	PASS PERCENTAGE
BEC VANTAGE	66	65	98.48
BEC PRELIMINARY	40	39	97.5
TOTAL	106	104	98.11

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

Intra-Department Symposium

“Some succeed because they are destined to but most succeed because they are determined to.” is the chanting mantra of our college which aims to train students for various Inter Collegiate competitions by conducting Intra Departmental Symposium. The technical symposium for this year was conducted on the **12th July 2019**. The events conducted were Circuit Debugging, Puzzles, Quiz, Mini-projects, Robotics, Designing, Treasure hunt and Ad-Zap. These events lined the way for the students to impart to the practical knowledge. Diverse facets of our students came into light. Prizes were distributed to the talented Josephites. The total cash prize of **Rs. 10,000** was given to the students. The prize winners are:

S. No	Name of the Event	Place Won	Name of the Student	Year &Sec	Prize Amount
1.	Technical Quiz	I	K.Sridaran	II – C	Rs.1000
			A.V.K.Tharun		
			S.Sulaiman		
		II	B.Phavithra	III – B	RS.600
			R.Rakshana		
			M.Sanjana		
		III	T.Jessilin Percis	IV – B	Rs.400
B.Kamatchi					
2.	Puzzles	I	S.Aravindh	III – A	Rs.1000
			M.Harrish		
			P.Laxman guru vignesh		
		II	J.Mithra	III – B	Rs.600
			A.Swetha Annie		
		III	D.Andrea Paulin	II – A	Rs.400
			G.Aishwarya		
D.Denisha Jemi					
3.	Line Follower	I	V.Sriram	III – B	Rs.1000
			J.Nikhil John Thomas		
			N.Vinoth		
		II	B.Hemalatha	II – A	Rs.600
			A.Keerthana	II – B	
			Mary Susma Rose		
		III	K.Manikandan	II – B	Rs.400
S.Jey Surya					
4.	Technical Connections	I	S.Keerthana	IV – B	Rs.1000
			S.Rakshana		
			R.Janaki		
		II	A.Sylviya	IV – C	Rs.600
			S.Thanuja		
			G.Vidhusha Muthulexmi		
		III	R.Akshaya	II – A	Rs.400
K.Gayathri					
R.Bharathi					
5.	Circuit Debugging	I	S.Sulaiman	II – C	Rs.1000
			A.V.K.Tharun		
			K.Sridaran		
		II	Keerthana.S	IV – B	Rs.600
			Janaki.R		
			Rakshana.S		
		III	G.Geffania Geraldine	III – A	Rs.400
M.Boshana					
Z.Krishnaveni					

Intra-mural Sports Achievements

To celebrate the spirit of sportsmanship and hard work, Intra Department Sports was conducted for the **Second year students on 11/7/2019 and Third year students on 14/02/2020**. All the interested students participated with utmost enthusiasm and competitiveness. The students from the Department of Electronics and Communication Engineering outshone their counterparts in almost all the events they participated in. The following are the events in which they won positions.

II Year INTRAMURAL SPORTS RESULTS

GAME	CATEGORY	PLACE
Volley Ball	Men	Runners
Ball Badminton	Men	Runners
Kabaddi	Men	Runners
Badminton-Singles	Men	S.J.Bharath - Runners
Table Tennis-Singles	Men	K. Sridaran - Runners

III Year INTRAMURAL SPORTS RESULTS

GAME	CATEGORY	PLACE
Chess-Singles	Women	Sherlin J-Winners
Basketball	Women	Winners
Ball badminton	Women	Winners
Throw ball	Women	Winners
Badminton-Singles	Women	Sanjana K E-Winners
Badminton-Singles	Women	Sharine R-Runners

National Level Technical Symposium *E-AXION 2019*

St. Joseph's has always been the premiere in bringing out the talents of the students to elicit their hidden skills in the best way. The National **Level Technical Symposium E-AXION 2019** was conducted on **14th September 2019** at our college premises. Nearly 1000 students from various colleges (around 79 colleges), all over India participated in various events in our technical symposium. Epitome triggers the fire in students to showcase their talents. Triggered events were Paper Presentation, Quiz, Debugging, Treasure Hunt, Ad-Zap, Surprise Event and Web Designing. A handsome cash of **Rs.33,000** was awarded to the most talented participants from other colleges.

The lists of colleges won in different events are as follows.

S. NO.	NAME OF THE EVENT	WINNERS	NAME OF THE COLLEGE	POSITION	PRIZE AMOUNT
1	TECH BUG	Vijayalakshmi R Srinivasan G	MNM Jain Engineering College	I	3000
		Vijayalakshmi N Sushmitha S	MNM Jain Engineering College	II	2000
		Archana K Bavithravalli Nayagi P	Agni College of Technology	III	1000
2	BUZZ CON	Logapriya S Divya K	Prince Shri Venkateshwara Padmavathy Engineering College	I	3000
		Anukeerthi P Lavanya V Dharshini A	Sathyabama Institute of Science and Technology	II	2000
		Kavitha S Swathi Y	Velammal Institute of Technology	III	1000
3	ELECTRO FLASH	Ganapatharini G Ishwariya R	Agni College of Technology	I	3000
		Yukesh R Aravind D Sarathkumar B	SKR Engineering College	II	2000
		Varsha V Sujitha N	MNM Jain Engineering College	III	1000
4	TECHNO HUNT	Ramya N Tipbadharshan A	*St. Joseph's College of Engineering	I	Additional amount of Rs. 3000 /- given
		Subash R Sushmitha S	MNM Jain Engineering College		3000
		Tamilselvi B S Swathi S	MNM Jain Engineering College	II	2000
		Vijayalakshmi R Srinivasan G	MNM Jain Engineering College	III	1000
5	ROBO RACE	Dilipkumar K	Sri Manakula Vinayagar Engineering College	I	3000
		Mohammed Farmman H	Aalim Muhammed Salegh College of Engineering	II	2000
		Vignesh S Surya B	Sri Krishna College of Technology	III	1000

* As students of our St. Joseph's won prizes in the event, the students standing in the subsequent positions were given the same position with equal prize amount.



St. Joseph's Defence Academy

St. Joseph's Defence Officers Academy aims to develop amongst its students a competitive attribute along with strong academic base with quality teaching and individual attention as its main aim. The academy organises 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. The academy trains all the students at free of cost. No fees are collected from the students.

In order to prepare the aspirants about the availability of various opportunities in all the Indian Army, Indian Navy, and Indian Air Force, the Indian Coast Guard and paramilitary organisations our Management have arranged various seminars and workshops.



On 28th August 2019, our St. Joseph's Defence Officers Academy has been officially Inaugurated by **Dr. C. Sylendra Babu IPS, Director General of Police – Railways and Lt. Esan, Training Commander, Centre for Career and Uniform Services, Coimbatore**. More than 1000 aspiring students attended the inaugural ceremony and interacted with the chief guest.

On 04.09.2019, we have conducted a screening test for Defence Aspirants, in view of starting classes for the deserving students. The screening test was conducted to check the ability of students in the following three different categories like verbal ability, general aptitude and general awareness. Around 800 students were actively participated in the screening test.

Based on the performance of the students from the screening test, on 04.10.2019, Lt. Esan, Training Commander, Centre for Career and Uniform Services, conducted the second round of interview for the shortlisted students.

The shortlisted students were divided into 15 batches and group discussion has been conducted for each batch. The topics were selected from the current trends and students were provided with 10 mins for group discussion. Lt. Esan, Training Commander, analysed our students based on their performance in a group.

During this pandemic situation, the aspiring students has been provided with the details about the opportunities in all the different entries and the materials to prepare for the SSB interviews.

St. Joseph's Civil Service Academy

Bureaucracy is the key to good governance and administration. To be a civil servant, a candidate must be given intensive structured training to crack the civil services examinations. Keeping this concern and in order to motivate the students who would prospectively become bureaucrats in the future, our management has taken a larger measure through St. Joseph's Civil Services Academy. The Academy aims to produce the able bureaucrats who would act as beacon of light for the welfare of the society. The academy aspires to create an avenue for the students to explore the opportunities in Indian Civil Services and Tamilnadu Public Services (Group I services). The academy trains all of the students at free of cost, those who aspires to be an able and efficient civil servant.

- Monday, Wednesday and Friday are the days, the training has been given for final year students from 8.00 am to 3.00 pm. (8.00AM- 10.00AM test followed by regular classes)
- Currently 40 final year students are taking up the intensive training program towards UPSC Preliminary Examination.
- **TNPSC Group- I Examination 2021:** Around 30 Students are going to attempt preliminary examination in January 2021.
- The academy has been conducting the UPSC training sessions for one full day of every week in a month for II and III Year students.
- The UPSC Aspirants are being assessed by conducting series of test in various subjects like Geography, Economics, Indian Polity, and History & CSAT.
- The academy has organized a motivational talk on **"The Life in IAS, IPS & IFS-Examination Process and preparation Strategies"** by **Mr. Ilanchezhian, Former Assistant Commandant, in Central Reserve Police Force (CRPF)** on February 05, 2020 from 10.00 am to 12.20 pm.

Achievements

Combined Civil Services Examinations- I (Group- I Services)

Happy to inform that our student **Ms. A. MANISHA (2013-2017 Batch, ICE Dept.)** has been selected provisionally for appointment by direct recruitment to the post of **Deputy Superintendent of Police (DSP)** in **Tamil Nadu Police Services included in the CCS- I Examination (Group- I Services)** 2016- 2019 conducted by Tamil Nadu Public Service Commission, Tamil Nadu.



Combined Engineering Services (CES) Examinations

Mr. S. VIGNESH RAJ (2014-2018 Batch, Civil Dept.) has been selected as **Assistant Engineer in Highway Department**. He has secured the **69th Rank** in Combined Engineering Services Examinations- 2019 conducted by Tamil Nadu Public Service Commission, Tamil Nadu.



Dr. MGR's Birthday Debate function தமிழ்மன்றம்

செயிண்ட் ஜோசப்ஸ் பொறியியல் கல்லூரியில் டாக்டர். எம்.ஜி.ஆர் அவர்களின் பிறந்த நாள் விழாவை முன்னிட்டு 27.01.2020 அன்று செயிண்ட் ஜோசப்ஸ் கல்விக் குழுமத்தின் தமிழ் மன்றம் சார்பில்

**திருமணத்திற்கு பின் அதிகம் விட்டுக் கொடுத்து வாழ்வது
ஆண்களே! பெண்களே!**

என்ற தலைப்பில் பட்டிமன்றம் நடைபெற்றது.

கல்லூரித் தலைவர் டாக்டர் B. பாபு மனோகரன், நிர்வாக இயக்குனர் S. ஜெஸ்ஸி மர்யா இயக்குனர் B. சச்சேகர், முதல்வர் டாக்டர் வட்டி சேஷகர் ராவ் மற்றும் டாக்டர் P. V. ரவிச்சந்திரன் ஆகியோர் முன்னிலையில் நடைபெற்ற இந்த பட்டிமன்றத்தில் புலவர். திரு. எம். இராமலிங்கம் நடுவராக பொறுப்பேற்று இல்லை வாழ்வில் திகழும் ஆண்களும் பெண்களும் விட்டுக் கொடுக்கும் பண்பால் சமமானவர்களே என்று தீர்ப்பு வழங்கினார். ஆசிரியர்களும், மாணவர்களும் நடுவரது நகைச்சுவையான பேச்சைக் கேட்டு மகிழ்ந்தனர்.

ஆண்களே – என்ற அணியில் மாணவர்கள் : வே.ஞா. இராஜகோபாலன் (I - ECE-C),
இரா.வெ. ஜெயசுருதி (I - EEE-A), ரா. ரெங்கராஜன் (I - CIVIL), மு. அமிர்தவர்ஷினி (I - EEE-A),
மோ. ஸ்ரீ தர்ஷினி (I - CSE-C) ஆகியோரும்

பெண்களே – என்ற அணியில் மாணவர்கள் : தி. அபிநயா ஸ்ரீ (I - EEE-A), பூபு ஜலோஷினி (I - CSE-B),
காட்சன் சு.வி. நோவின் (I - EEE-A), ஜா. ஆன்டோ மெல்வின் (I - IT-A), அ. ஸ்ருதி (I - ECE-C), ஆகியோரும்
பங்கேற்று வாதிட்டு அனைவரது பாராட்டுக்களையும் பெற்றனர்.

இப்பட்டிமன்றத்தில் பங்குபெற்று வாழ்ந்த மாணவர்கள் அனைவரும் முதலாம் ஆண்டு மாணவர்கள் என்பதை மகிழ்ச்சியுடன் தெரிவித்துக் கொள்கிறோம். தம் வாது திறமைகளை திறம் பட வெளிப்படுத்தியதால் இரு அணிகளுக்கும், கல்லூரித் தலைவர் அவர்கள் ரொக்கப் பரிசாக தலா ரூபாய் 2000 அளித்து பாராட்டினார், பங்கேற்ற அனைவருக்கும் பங்கேற்பு சான்றிதழ் வழங்கப்பட்டது.



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

The following courses were conducted to II and III year students:

S. NO	Name of the course	Resource Team	No of days	Year	Date	No of Students
1	Cyber Security	Top Freshers	3	III	27-6-19	37
2	Machine Learning	Top Freshers			to	30
3	Embedded	Pantech PRO Labs			4-7-19	44

Student's workshops other than value added courses

The following Workshop was conducted to II and III year students:

S. NO	Workshop	Resource Team	No of days	Year	Date	No of Students
1	Python with Raspberry Pi	Pantech Pro Labs	2	IV A,B,C	13-8-19 to 14-8-19	72
2	Augmented Reality		2	III A	5/9/19	65
3	Mobile App Development		2	III B	to 6/9/19	28
4	Biped Robot		2	II A	3/9/19 to 4/9/19	58
5	Brain Controlled Robot		2	II B		58
6	Gesture Controlled Robot		2	II C		43

Various Training schedule 2019-2020 (odd Semester)

II YEAR

PROGRAM	Training Dates	Branches
BEC	SLOT 1: 12,13,14,17,18,19 of June 2019	All Students of Technology
	SLOT 2 :20,21,22,24,25,26 of June 2019	ECE, CHEM, BT, CSE & EEE of Engg
	SLOT 3:27,28 of June & 1,2,3,4 of July 2019	IT, MECH, CIVIL, EIE, ICE of Engg & All PG and Lateral Entry students
APTITUDE CRASH COURSE	SLOT 1:12,13,14,17,18,19 of June 2019	IT, MECH, CIVIL, EIE, ICE of Engg & All PG and Lateral Entry students
	SLOT 2 :20,21,22,24,25,26 of June 2019	All Students of Technology
	SLOT 3:27,28 of June & 1,2,3,4 of July 2019	ECE, CHEM, BT, CSE & EEE of Engg

III YEAR

PROGRAM	Training Dates	Branches
VALUE ADDED COURSES	SLOT 1:12,13,14,17,18,19 of June-2019	Fix anyone slot according to the availability of the labs
	SLOT 2: 20, 21, 22, 24, 25, 26 of June 2019	
	SLOT 3: 27,28 of June & 1,2,3,4 of July 2019	

IV YEAR

PROGRAM	Training Dates	Branches
Product Training	8 th May - 18 th May	Selected students from all branches
POP	20 th May - 8 th June	ALL
COCUBES ASSESSMENT I	14,15 th June	ALL
AMCAT II	21, 22 nd June	ALL
IT REFRESHER	19, 20 th July & 26, 27 th July	CSE,IT,ECE,EEE,EIE,ICE & MCA
MOCK INTERVIEW	19, 20 th July & 26, 27 th July	ALL
CORE Specific Training	19, 20 th July & 26, 27 th July	MECH, BIO,CHEM
COCUBES ASSESSMENT II	9,10 th August	ALL
Company Specific Training	26 -31 st August	ALL

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 most prestigious and most awaited award ceremony of the year "The best Outgoing Student Award" functions for the year was held on the Achievers Day on **30th of April 2020**.

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. VISNUNATHAN C
2.	ECE	Mr. GOWTHAM V
3.	EEE	Mr. ALI AHMED KHAN
4.	MECH	Mr. AAKASH RAM N
5.	IT	Mr. SEETHARAMAN C
6.	CIVIL	Mr. KARTHIK T

Achievers Day

Achievers day is celebrated every year during the month of April, in which students who brought laurels to the College during the academic year are honoured and rewarded.

Achievers Day for the Academic year 2019-20 was celebrated on **30th April 2020**. The students who won various competitions have been invited. The invitees were:

The invitees were..... 2708 students

Total Sports and Games Teams	:	208	Players
Inter-collegiate Paper presentation,			
Symposium, Conference position winners	:	1562	Students
Toppers	:	727	Students
Blood donors from Youth Red Cross	:	35	Students
Members of Tamil Mandram	:	12	Students
Members of Our College Student Orchestra Team	:	23	Students
Inter-collegiate Cultural Competition Winners	:	141	Students

No. of Students Honoured	Total Amount have Spent for Gift, Certificates And Dinner
2708	Rs. 11.13 Lakhs

On the whole **2708** Students of our college belonging to various categories mentioned above were honored by distributing Gifts and certificates on this special occasion.

This special function started at 6.00 P.M. with the High Tea followed by the distribution of cheques. This event was made even more startling by the Orchestra team and Dance Program by the students. The event ended at 9.00 P. M. with Splendid Vegetarian and Non-vegetarian Dinner.

“The best Outgoing Student Award” for this year was given by the **Chairman Dr. B. Babu Manoharan** and the students were felicitated with a shield and certificate.

SPORTS ACHIEVEMENTS 2019-2020

AQUATIC WOMEN ACHIEVEMENTS 2019-20

S. No	Name	Year & Branch	Competition	Event/ Category	Position
1	M.R. SARISHKA BHARATHY	III CSE	Anna University Inter Zone	200m Back Stroke	III
				200M Breast Stroke	III
2	S. UMA DEVI	III ECE	Anna University Inter Zone	100m Back Stroke	III
				400m Individual Medley	I
				200m Individual Medley	I
			C.M Trophy	400m Free Style	II
				800m Free Style	III
				400m Individual Medley	I
3	B.SNEHA	I EEE	Anna University Inter Zone	100m Butterfly	II
				200M Butterfly	II
				50m Butterfly	II

ANNA UNIVERSITY BLUES 2019-2020

S.NO	NAME OF THE STUDENT	YEAR-DEPT	GAME
1.	S Sreesoma Raj	II-CSE	SEPAK TAKRAW

College Day and Cultural Competition Results

The College cultural programme for the II, III & IV year students was celebrated with one day mega cultural **EXTRAVAGANZA** on **14th February 2020**.

A well blended combination of 12 events such as Quiz, Pattuku Pattu, Creative Writing, Scrap Art and Light Music etc were held with the intention of bringing out the innate talents of the students and to inculcate the team spirit. This helped the students to improve self confidence and to expand their abilities off their daily routines. The deserving young achievers were awarded with a prize money of **Rs. 1000/-, Rs. 600/- , Rs. 400/-** for the first, second and third places respectively.

II, III & IV year CULTURAL COMPETITIONS 2019-2020

The following students won prizes in these events:

S. No	EVENT	I PRIZE	II PRIZE	III PRIZE
1.	Light Music	T.Janani [III EEE A]	Y.Goyal Sai [III MECH A]	T.Keerthana [II ECE B]
2.	Creative writing (Tamil)	V.Sriram [III ECE B]	S.Rajamuthu [II ECE B]	A.M.Lakshmi [III CSE A]
3.	Rangoli	R.K.Elakhiya [II CSE A] A.Amritha [II CSE A]	S.Deva Priya [III ECE A] G.Kavya [III ECE A]	S.Sharumathi [III EEE B] S.Swetha [III EEE B]
4.	Drawing (Pencil)	G.Hemalatha [II ECE A]	B.Aishwarya [III ECE A]	J.Ketzia [II ECE B]
5.	Oratorical (English)	P.Praveen [II IT B]	N.Pooja [III EEE B]	T.N. Harish Kumar [II CSE A]
6.	Creative writing (English)	A.Vikram Fidolin [II CSE C]	T.Abinaya [III CIVIL A]	P.Praveen [II IT B]
7.	Oratorical (Tamil)	J.Roshan Aro Alvin [IV EEE C]	S.Simon Danielraj [III ECE B]	J.Robin Sylvester [III IT A]
8.	Quiz	K.G. Ariyash[III EEE A] P.Harivignesh[III EEE A]	M.Y.Vijay Aadhithya [II CSE C] P.Yogendra [II CSE C]	R.Eshvara Devan [III EEE A] Hariharan Baskar [III EEE A]
9.	Collage	R.Subhash [III ECE B] N.Selvamadhavan [III ECE B]	Madhu Sri [II ECE B] J.Ketzia [II ECE B]	R.K Elakhiya [II CSE A] S.Ashwini [II CSE A]
10.	Dumb C	A.M.R.Selvaganesan [II MECH C] Cyril Christopher [II MECH C]	J.Praveen [III MECH B] P.Madhesh [III MECH B]	N.Wasim Akram [II ECE C] V.Sharath Kumar [II ECE C]
11.	Scrap Art	N.Aagashram [IV MECH-A] Ajay Anthuvan [IV MECH A]	X.Janesha Marino [II ECE B] T.Jeneefa [II ECE B]	R.Subhash [III ECE B] A.Santhosh Raj [III ECE B]
12.	Pattuku Pattu	Sandeep Kumar [III MECH C] E.Sridhar [III MECH C]	Madhesh [III MECH B] J.Praveen [III MECH B]	T.Swathi [III EEE B] S.Parkavi [III EEE B]

The **College Day for II, III & IV year students**, was celebrated on 15th February 2020. The psychedelic blend of colours on the stage was a visual treat to the eyes. Students of all departments exhibited their talents with full enthusiasm and vigour perfectly tuning to the beats and rhythm. The best performers of **5 performance** were honoured with cash award of **Rs. 4,000/-** per event summing upto **Rs 20,000/-**

S.NO	EVENT CATEGORY	DEPT	NAME OF THE TEAM LEADER
1.	Dance	ECE	Sanjana K E & Team
2.	Dance	MECH	Catherine Maria & Team
3.	Dance	CSE	Roselin Rupa & Team
4.	Dance	IT	Abishek P & Team
5.	Mime	ECE	Vignesh Kumar R & Team

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.**





SPECIAL OCCASIONS

IFDHAR Our College celebrated Ramzan on **12th May 2019**. All the Muslim students in our college underwent fasting within the campus. The early morning food called as “Sahar” according to the Muslim custom, was served with delicious dishes by the college in the mess at 4.30 a.m. In the evening, the Muslim students were served for “Ifthihar” with dates, cool drinks and porridge as a sign breaking the fast. The hostel students attended Namaz in their respective hostel rooms. Special Namaz was conducted at 1.00 p.m on Fridays. During Ramzan fasting period, prayers were conducted in our college mosque.

Onam The festival of rice harvest was celebrated on **5th September 2019** with great spirituality and delight. All Malayali students participated with enthusiasm on this special occasion. Our Beloved Chairman attended this festival with his family and conveyed his wishes to all the students. Malayali students dressed up in their traditional wear, particularly girls wearing the kasavu saree and performed kaikottikali, Malayalam pattu and Nadakam. The celebration was called off with the grand dinner where the menu included aviyaal, erussery, pulissery, nenthram pazham and different types of payasams.

Teachers Day Our College celebrated the Teachers day as a special occasion from **August 26 to Sep 5th 2019**. The students entertained their respective department’s faculty members with unique shows on that special day. Our Management gave gifts to all the teachers of our college as a token of appreciation.

Vinayaka Chathurthi Our college celebrated Vinayaka Chathurthi on **2nd September 2019**, by decorating Ganesha’s statue of our college temple with flowers. Pooja was grandly performed in the temple in the presence of our beloved Chairman’s family. Delicious food was offered to the Lord and Kozhakatai was distributed to the students. Many students came forward to participate on that occasion filled with all blessings of Ganesha.

Ayudha pooja Our College celebrated Ayudha Pooja on **5th October 2019**, by arranging Kolu for 9 days in our college from the day of Mahalaya Amavasya till Vijayadasami. On this special day, all the Laboratories and Office were beautified with plantain trees, mango leaves and glazing papers followed by a pooja in the presence of Chairman’s family. The remarkable part of this celebration was the mouth-watering lunch, sweets and ice creams that were served for all the students and staff. Gift vouchers for deepavali were distributed on the day of Ayudha pooja to Administrative staff, Technical staff, Non-Technical staff, Drivers, Sweepers, workers in the mess and daily wage workers.

Deepavali The festival of lights is celebrated with full delight and enthusiasm. Deepavali is the most expected festival by all. This year the festival of lights was celebrated on **25th October 2019**. On this special eve, a grand lunch with exotic dishes ranging from mouth lingering sweets to delicious deserts was served.

Deepam Kaarthigai Deepam is celebrated on the full moon day in the Tamil month of Kaarthigai. This festival is known for brightened lights lit all over the place signifying growth and prosperity. The deepam celebrations took place in our college on **10th December 2019** with lamps lighted by the divine flame that is believed to fend off evil forces and escort ecstasy.

Padi pooja The festival was celebrated on **10th December 2019** by decorating the holy steps of Ayyappa with flowers and silk clothes and lighting traditional lamp. The Chairman, Staff and Students attended the pooja and “irumudi” was tied to those who went to sabarimala. Traditional songs were sung in pooja and a grand feast was given to those who attended pooja.

Christmas Christmas is the season of joy, holiday greetings exchanged, gift-giving, and families getting united. The Christmas celebrations took place in the college campus on **20th December 2019**.

On Christmas day, a special mass was conducted in the college chapel. The celebrations included a rhythmic performance from the college choir and an add-on surprise package by Santa Claus. The staff and students were completely spellbound with the Christmas gratification and the day was called off with a hearty lunch.

Pongal Pongal is an occasion that is believed to chime in the opulence. It is renowned as a thanksgiving festival for various Hindu deities. "Thai" is the first month of the Tamil Almanac where the joy-filled Pongal occasion comes. The celebrations in the college took place on **11th January 2020**. The day's lunch was served with different varieties of Pongal. Indeed, Pongal is a festival of freedom, peace, unity and compassion crystallized in the last hymn on unity in the Indian spiritual text the Rig Veda.

Hostel Day Hostel day is one of the most awaiting occasions of the year at St. Joseph's. This wonderful day was celebrated in the college on **15th Feb 2020** with lots of events conducted for both boys and girls in their respective hostels. The hostels were decorated with colour lamps and balloons making it more eye-catching. Cricket, Volleyball, Basketball, Kabaddi matches were held and the winners and runners were awarded with cash prizes. Cultural events such as singing, skit and dance were performed in the presence of our beloved Chairman. Matches and other events were conducted 3 days prior to hostel day. Special dinner and snacks was served to the hostilities.

Ugadi Our college celebrated Ugadi on **25th March 2020**. The Telugu New year festival popularly called as Ugadi comes close on the heels of Holi. This day of celebration is marked by religious religious fervor and social jollity. Special dinner was served for the hostel students. Exotic dishes made with raw mango went on well with the occasion. Ugadi which is considered to be the most auspicious time to start new ventures was indeed a cheerful and a memorable celebration to be remembered by the staff and students of our college.

Easter Our College celebrated Easter on **13th April 2020**. Easter is the springtime holiday marking the rebirth of Jesus and the renewal of the Christian faith. A special programme was conducted by St. Joseph's Fellowship in our college Placement Cell which was attended by students and staff. The celebrations started with worship songs and prayer. Heartfelt wishes were shared among everyone and ended off with holy blessing of God.

Tamil New Year Our college celebrated Tamil New year on **15th April 2020**. The Tamil New year festival is popularly called 'Puthandu'. It is the celebration of the first day of the traditional Tamil calendar. The day is marked with feast and decorated with kolams. Special lunch was served to all as a part of celebrations.

*"Plant a
tree and
plant a
hope for
the
future."*





We Make You Shine

St. Joseph's Institute of Technology

St. Joseph's Group of Institutions

OMR, Chennai - 600119



Department of Electronics & Communication Engineering

CLASS TOPPERS



Ms. Hemalatha.S

D/o Mr. Sekar.K
Mrs. Mahalakshmi.M
CGPA : 8.96



Ms. Deepika.R S

D/o Mr. Sathyamoorthi.R
Mrs. Sumathi.S
CGPA : 8.952

**IV Year
BATCH(2016-2020)**



Ms. Swathi.G

D/o Mr. Govindarajan.M
Mrs. Sasikala.G
CGPA : 8.79

**III Year
BATCH(2017-2021)**

(Upto 6th semester)



Ms. Amalin Aasha.E

D/o Mr. Emmanuel Thomas.N
Mrs. Sahayarani.C
CGPA : 8.72



Ms. Keerthana.A

D/o Mr. Arunachalam.P
Mrs. Krishnaveni.K
CGPA : 9.18

**II Year
BATCH(2018-2022)**

(Upto 4th semester)



Ms. Darsini.V

D/o Mr. Velusamy C
Mrs. Chitra V
CGPA : 9.07

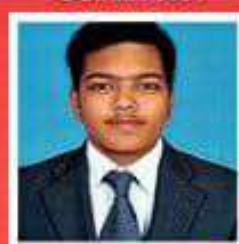


Ms. Rakshini.S

D/o Mr. Sivashankaran.V
Mrs. Renugadevi.S
CGPA : 9.34

**I Year
BATCH(2019-2023)**

(Upto 2nd semester)



Mr. Maanesh.S

D/o Mr. Sriramakrishnan.D
Mrs. Latha.S
CGPA : 9.32