You Choose, We Do It

St. Joseph's College of Engineering
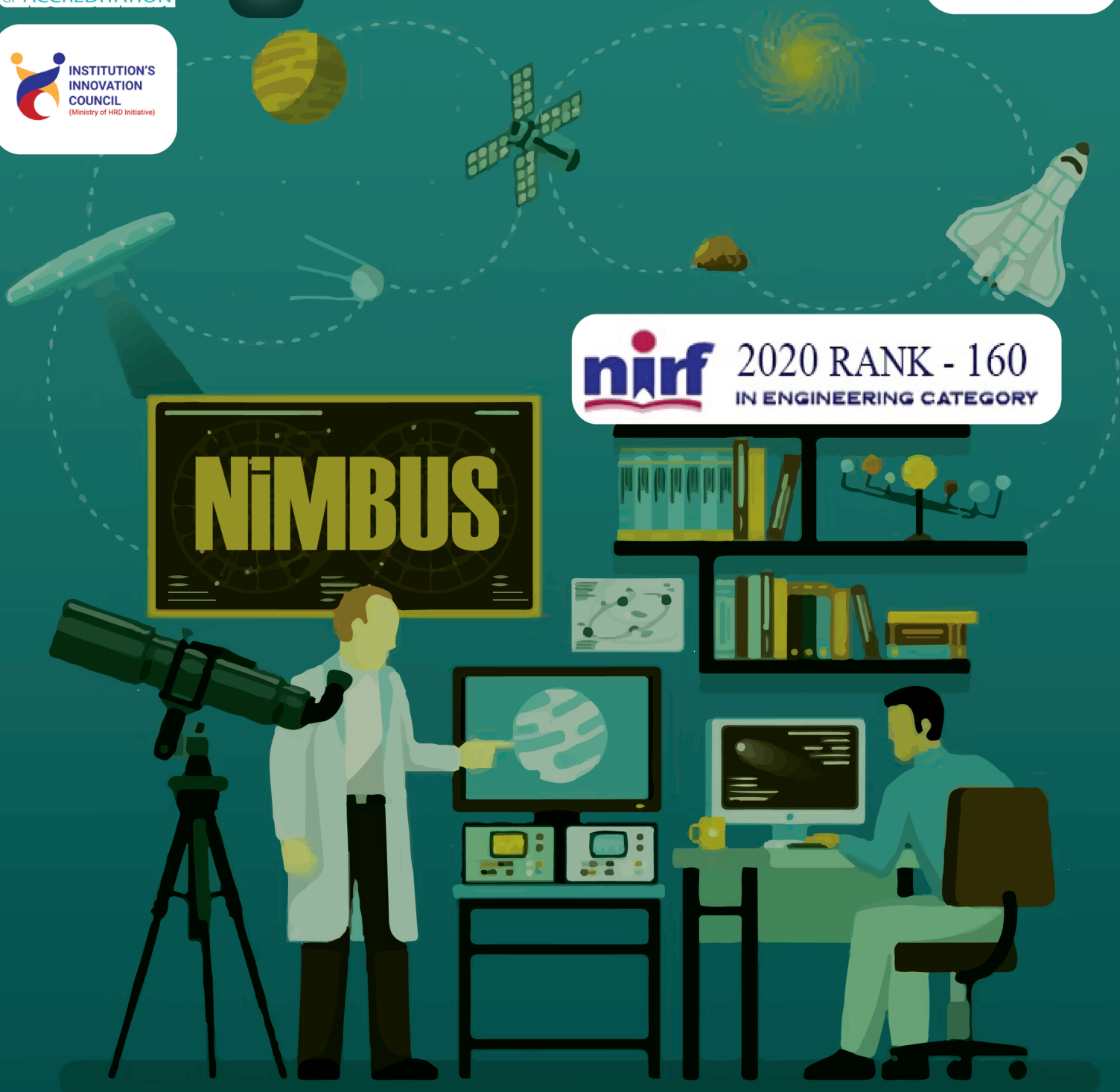
St. Joseph's Group of Institutions
OMR, Chennai - 119.

26
Years of Excellence
Since 1994

E I E ELECTRONICS AND INSTRUMENTATION ENGINEERING

NBA
NATIONAL BOARD OF ACCREDITATION

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

A+ NAAC
ACCREDITED WITH GRADE
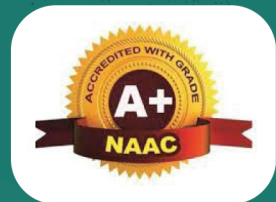
nirf 2020 RANK - 160
IN ENGINEERING CATEGORY

NiMBUS

✉ MESSAGES

Dr. B. Babu Manoharan, M.A., M.B.A., Ph.D.,
Chairman
I applaud the efforts of students and staff members of the Department of ELECTRONICS AND INSTRUMENTATION ENGINEERING (EIE) on release of their magazine NIMBUS, Volume-34. It gives me great pride to congratulate the students and staff members responsible for the release ofthe magazine.

Mrs. S. Jessie Priya, M.Com.,
Managing Director
I take immense pleasure to congratulate the students and staff members of the Department of ELECTRONICS AND INSTRUMENTATION ENGINEERING (EIE) for their efforts in releasing their magazine NIMBUS, Volume-34.

Mr. B. Shashi Sekar, M.Sc.,
Director
I take immense pleasure to congratulate the students and staff members of the Department of ELECTRONICS AND INSTRUMENTATION ENGINEERING (EIE) for their efforts in releasing their magazine NIMBUS, Volume-34.

Dr. Vaddi Seshagiri Rao, M.E., M.B.A., Ph.D., F.I.E.,
Principal
The Department of ELECTRONICS AND INSTRUMENTATION ENGINEERING (EIE) has done a great job on their magazine NIMBUS, Vol-34. I am happy to see the efforts of the students. I wish them all the best.

✒ EDITORIAL

The ELECTRONICS AND INSTRUMENTATION DEPARTMENT is proud to release the thirty first edition of their magazine "NIMBUS, Volume-34". The untiring efforts of the students and staff members have resulted in the successful release of this magazine.We express our sense of gratitude to our beloved Chairman Dr. B. Babu Manoharan, M.A., M.B.A., Ph.D., to our respectable ManagingDirector Mrs. S. Jessie Priya, M.Com., Director Mr. B. Shashi Sekar, M.Sc., and to our eminent Principal Dr. Vaddi Seshagiri Rao, M.E., M.B.A., Ph.D., F.I.E., for their timely help and suggestions.

EDITORIAL COMMITTEE

Co-ordinator	Dr. R. Sivakumar, M.E., Ph.D.,	Professor and Head
Editor	Dr. G. Brindha, M.E., Ph.D.,	Assistant Professor
	Mr. A. SadeeshKumar, M.E.,	Assistant Professor
Members	Mr. S. Arul Raaj Ravindran	B.E (EIE), IV year

University Rank Holders –April 2019

The College has bagged **53 University Ranks** in the May 2019, Anna University Examinations. All the Rank holders are awarded with the Cash prizes and a Shield to the class toppers of each department. Our department has been consistently producing university ranks right from its inception.

UG (B. E. – Electronics and Instrumentation)

The passed out batch (2015 - 2019) has secured and **09 University Ranks.**

Ms. JEEVITHA K
5th Rank (8.81 CGPA)
D/o Mr. K Krishnan
Mrs. K Kalavathi
Cash Prize : Rs. 25,000/-

Ms. RUBY CATHARIN A
8th Rank(8.77 CGPA)
D/o Mr. L. Arokyaswamy
M. Santhi
Cash Prize : Rs. 25,000/-

Ms. SUPREETHA S
9th Rank (8.73 CGPA)
D/o Mr. J. Sundarajan
Mrs. S. Sheela
Cash Prize : Rs. 25,000/-

Ms. RAKSHIGA M
13th Rank (8.68 CGPA)
D/o Mr. H. Moorthy
Mrs. N. Shymala
Cash Prize : Rs. 25,000/-

Ms. ISHA S
17th Rank (8.63 CGPA)
D/o Mr. T. Sivakumar
Mrs. S. Anandhi
Cash Prize : Rs. 25,000/-

Ms. VIGNESH PRIYA K
17th Rank (8.63 CGPA)
D/o Mr. M. Karthiyan
Mrs. R. Amudha
Cash Prize : Rs. 25,000/-

Ms. YUVALAKSHMI P
19th Rank (8.61 CGPA)
D/o Mr. M. Parthiban
Mrs. R. Sarala
Cash Prize : Rs. 25,000/-

Ms. JABATHIRA A
28th Rank (8.47 CGPA)
D/o Mr. M. Anandappan
Mrs. A. Jebalatha
Cash Prize : Rs. 25,000/-

Ms. OMPRIYADHARSHINI K
29th Rank (8.46 CGPA)
D/oMr. S. Krishnamoorthy
Mrs. G. Umarani
Cash Prize : Rs. 25,000/-

VISION OF THE DEPARTMENT

To make every student of the Department irrespective of his/her social, cultural background and learning abilities gets a fair chance in mastering the various fields of Electronics and Instrumentation Engineering to become a proficient individual for the empowerment of society.

MISSIONOF THE DEPARTMENT

The Department strives:

- *Professional:*To prepare students to understand recent technologies in Electronics and Instrumentation Engineering effectively and adapt themselves in an ever-changing environment,
- *Technical Proficiency:*To impart excellent computing knowledge to students by providing well equipped facilities and state of the art systems,
- *Social Competency:* To prepare students with excellent leadership skills, management capabilities and ethical understanding for successful career.

22nd GRADUATION DAY REPORT

The 22nd Graduation Day was presided over by **Dr. Babu Manoharan**, **Chairman, St. Joseph's Group of Institutions, Mrs. B. Jessie Priya, Managing Director and Mr.B.Shashi Sekar, Director**, St. Joseph's Group of Institutions. Dr. Vaddi Seshagiri Rao, Principal, and Dr. B. Parvathavarthini, Dean, St. Joseph's College of Engineering.

The college has incessantly bagged **the highest number of University** Ranks with an ostentatious total of **53 ranks with 3 Gold and 6 Silver medals in popular branches** for the 14th consecutive year in Anna University Examinations held in May 2019.

All the Rank holders were appreciated and applauded by Cash Prizes, a substantial total worth**Rs.14 lakhs** which includes **Rs. 50,000**/- each for the **Gold Medal, Rs.25, 000/-** each for all other Rank Holders and shields.

The total prize money which values up to **Rs.17 lakhs** was distributed to the graduands on this astonishing occasion.

BEST OUTGOING STUDENT AWARD2018 - 2019 PASSED OUT BATCH

Dept.	Name of the Student
CSE	Sherina Sundarrajan
ECE	Persis Jerifa Nelson
EEE	R. Jesintha
IT	O. Vishaalee
MECH	S. Raghav
CHEM	A. Daniela Onasis

Dept.	Name of the Student
BIO	S.B. Athishparsuram
ICE	S. Varun Kumar
EIE	K. Vikneshpriya
CIVIL	J. D. Jeevith Prebhu
MCA	D. Geethalakshmi
MBA	V.J Abisha Vijina

PLACEMENT DETAILS

Out of the **1414** students who received their degree, 1240of them are placed through campus interviews, 122 of them got selected through off-campus and 72 of them have chosen to be entrepreneurs. The students are recruited by many leading organizations like Cognizant Technologies, Wipro, Infosys,Ashok Leyland, WheelsIndia, Soliton Technologies, AMAZON, Verizon, GE Digital, Juspay Mu-Sigma, Comm Vault, Global Analytics, E-Con Systems, Sirius Vembu Technologies, Tech Mahindra Solution Technologies, HDFC, ICICI, IDBI Federal Life Insurance, Mr. Copper, Bajaj Capital, DHL Logistics, Yes Bank, ITC Ltd, L&T, Zoho, Naukri.com, HCL, Hewitt, Renault Nissan, Virtusa, RBS, Accenture, Mindtree, Kotak Mahindra Bank, Pepsico, etc., with a salary ranging from 3.2 lakhs to Rs 12 lakhs per annum.

HIGHER STUDIES

111 Students are pursuing their higher studies at various Universities in India and abroad. Students have got admission into top ranking Universities like University of Texas, Stanford University, Carnegie Mellon University, University of Massachusetts, Arizona State University, North Carolina State University, National University of Singapore, Illinois Institute of Technology, NJIT , University of WestVirginia, Leeds University (UK), North Carolina State University , IITs, IIMs, NITs, etc, through our Advisory Bureau for Higher Studies (ABHS).

CO - CURRICULAR ACTIVITIES

HACKATHON:

- **Venkatesan G, Vikash A, Surendhar V, Surya Venkat, and Rahavan B** participated in the **Unisys Hackathon 2017** and won the **first place** with a cash prize of Rs. 1,00,000.

- **Chidambaram Pillai, Ramesh G, Santhosh Kumar N, Ranjith Kumar S, Eswar Sundaresan, Ramanathan R** participated in the **Smart India Hackathon 2018** and won the 2nd Runner up with a cash prize of Rs. 50,000.

- **Narmada M, Pragathi S, Nidimusali Likhitha, Keerthana S, Monisha S, Preeti S** participated in the **Smart India Hackathon 2018** and won the 4th Runner Up with a cash prize Rs. 25,000/-

- **Amrish Krishnan, GuruSakthi, Hari Haran, Manoj S and Raghu Nandhan** participated **Ideathon 2018** and won the third place and a cash prize of Rs20,000.

AICTE-ECI CHHATRA VISHWAKARMA

- **Mr. P. K. Hariharan, J.D.Jeevith Prebhu, Nila, Preethi Jain** from the Dept of Civil Engineering won the First Place in **AICTE-ECI Chhatra Vishvakarma** awards 2017 (First edition)

- **Vasanthan P.V, Vikram B, Siba R, Jerrish Josanne** from the Dept. of Information Technologywon the third place in **AICTE-ECI Chhatra Vishwakarma** Awards 2017.

OTHER ACHIEVEMENTS

- **Mr. Varunkumar** from the Department of ICE received **Richard E. Merwin Scholarship** of 1000$ from IEEE Computer society, **James O Gary Award** of 5000$ from the IEEE, Defexpo award of Rs 5000 and also a cash prize of Rs 1,00,000 as first prize in the Best Idea Contest from CTS.

- From the Department of ICE **Mr. S.M Jayasurya** received 2500$ and **Mr. S. Varunkumar** received 2000$ as **ISA Student Scholarship**.

- **Ms. Jebaselvi Lediyal, Ms. Kamala Shruthi** participated in the idea contest **Mitsbhishi** India Competition organized by Mitsbhishi and won a cash prize of Rs 7000

- **Mr. S. Varunkumar, Mr. S. M. Jayasurya, Mr. Joshua Ponsam** from the Dept of ICE participated in Best performance in Project Design **FUTURA 17** and won a cash prize of Rs. 25000

- **Jaithun Mahira K Z and Shahida Banu R S** Department of CSE were selected as one of the Top ten teams for the project **Humanless Surgeries using 5G Technology by MEPZ,** Tambaram, Chennai.

- **Karen Zipporah** from the Department of Information Technology was selected as the **Google student ambassador** by Google

- **Amrish Krishnan, Bhuvaneswari, H Lakshmi Priya V & Narmadha M** Department of CSE presented a marketing strategy for **NINJAKART** startup in Bangalore. The team won second place for the event conducted on 08.10.2017 from the top ten teams shortlisted. The event was held in IIM Bangalore.

- **Amrish Krishnan, Bhuvaneswari, H Lakshmi Priya V and Narmadha M** of III year CSE, presented as a strategy consultant for the contest WORDICT, held on 08.10.2017 in IIM Bangalore. & won the second place for the event out of 8 teams shortlisted.

- **Amrish Krishnan and Hariharan** of CSE presented a case study on Marketing Consultant in BECON conclave held at IIT Delhi and won best Title Winner.

- **Amrish Krishnan, Raghu Nandhan, Vigneswaran R and Hariharan S** won the 111 place with a cash prize of Rs 12,000 in the **Nokia Prototype Presentation contest organized by Nokia Chennai**.

- **Ms. Anita Nalathamalar** has won **the 1st prize in International Photo contest 2019** conducted by GE Healthcare International Ltd and the selected photograph has been published in their GE Healthcare Life SciencesCell Image Calendar 2019

- **Mr. A. Akash Emmanuel** from biotechnology has undergone the fully sponsored internship in the Department of Animal Biotechnology, Konkuk University, Korea for a period of three weeks during July 2018.

- **Ms. Renuka A and Ms. Aisha Sithika S** from the Department of Biotechnology received research fund from **Tamil Nadu State Council of Science and Technology** to complete their research project "Anti-psoriatic drug extracted from Aloe Vera and Marine algae"

EXTRA-CURRICULAR ACTIVITIES

Our students have excelled not only in the field of academics but also in the field of sports. N. Kaliselvan, A Robin Felix, M Sakthivel, C Vasudevan, S. Venislas, G Ramakirishnan, S Vignesh, Suchithra, G Adhithyan, S Ajithkumar, S Divya, G. Hemanth Raj, S Clarance Sushil, S Sugunan, B Kaaja Afridee, S Karthikeyan, D Skshitha, M H Sidiq, V Sivamoorthi, V Moogesh, K Abinash, Sanjay Kumar, A Ramesh Kumar, J Mariappan, M S Pavan Gupta, A S J Akhil, R Vasudevan, V Subramanian, S Elavarasan C Sarathbabu, C Aravind samy, A Sakthivel are those who have represented our college in various events at the **National and International Levels.**

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

No of students Appeared : 1569

- No. of students Passed : 1414
- Pass Percentage : **90.12**
- First Class with Distinction : 138
- Passed with First Class : 1078

Ranks bagged by the college right from its inception (From May 1998 University Examinations)

- Total No. of Ranks : 1399
- Gold Medals : 60
- Silver Medals : 55
- Other Ranks : 1284

Anna University Ranks for the 14th consecutive year

- Total No. of University Ranks : 53

Awards

- University Rank Awards : Rs. 17 lakhs
- Gold Medal Cash Award (3*50,000) : Rs. 1.50 lakhs
- Cash Award (50*25,000) : Rs. 12.50 lakhs
- Shields &Medals : Rs. 3.0 lakhs

Placement

Total No. of Students : **1434**

- Individual offers through Campus Recruitment : 1240
- Placed through off- Campus Recruitment : 122
- Self Employed : 72

Higher Studies

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

- Abroad   :   47
- India   :   64

Sports

- International Players   :   3
- National Players   :   32
- Represented Anna University in
  All India University Tournaments   :   38

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

S.No	Name of the Award	Branch	Year	Name Of The Student
1	Dr. M.G.R Award	CSE	2015-2019	Ms. SHERINA SUNDARRAJAN
2	A.P. Baulraj Award	ECE	2015-2019	Ms. SHILVYA P
3	Abraham Lincoln Award	EEE	2015-2019	Ms. RENIFA ANNIE S
4	Mother Teresa Award	MECHANICAL	2015-2019	Mr. RAGHAV S
5	Dr. A.P.J. Abdul Kalam Award	ICE	2015-2019	Mr. JAYASURYA S M
6	**Kalpana Chawla Award**	**EIE**	**2015-2019**	**Ms. JEEVITHA K**
7	Martin Luther King Award	IT	2015-2019	Ms. AISHWARYA B
8	Deiva Pulavar Thiruvalluvar Award	CHEMICAL	2015-2019	Mr. MOHAMED IBRAHIM S
9	M. Visvesvaraya Award	Bio-Tech	2015-2019	Ms. UMA BHARATHI S
10	Dr. K.L. Rao	CIVIL	2015-2019	Mr. R.S. DIVIN
11	Mahakavi Subramaniya Bharathiar Award	M.B.A	2017-2019	Ms. ALDO SHERINE A
12	Pavendar Bharathidasan Award	M.C.A.	2016-2019	Ms. GEETHALAKSHMI D
13	Annai Janaki M.G.R Award	M.E (Applied Electronics)	2017-2019	Ms. JEFFINE .M
14	Perunthalaivar Kamarajar Award	M.E (Power Electronics)	2017-2019	Ms. PEARL NIGHTINGALE R H
15	Arignar Anna Award	M.E (Computer Science)	2017-2019	Mr. NERIN PETER
16	**Nelson Mandela Award**	**M.E (C & I)**	**2017-2019**	**Ms. CHANDRIKA PRIYADHARSHINI R**
17	Sir C. V. Raman Award	M.E (Power Systems)	2017-2019	Ms. SHANMUGAPRIYA P
18	Srinivasa Ramanujan Award	M.E (Software Engineering)	2017-2019	Ms. K. DEEPA
19	C.K Prahalad Award	M.E (Manufacturing Engineering)	2017-2019	Mr. MOHAMED MOHIDEEN NOOHU S
20	Dr. Muthulakshmi Award	M.Tech(Bio.Tech)	2017-2019	Ms. UMAMAGESHWARI R
21	Dr. S. Radhakrishnan Award	M.E (Embedded System)	2017-2019	Ms. KERTHANA R

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	1569	1414	90.1	1240	122	72	47	64	53	3	6	44
2018	1681	1541	91.6	1207	103	75	109	70	132	4	4	124
2017	1558	1430	91.8	1372	78	64	115	71	97	3	2	92
2016	1481	1357	91.6	1237	76	51	112	75	117	6	5	106
2015	1471	1315	89.4	910	227	174	133	59	106	-	-	106
2014	1485	1329	89.7	697	184	71	129	58	107	4	1	102
2013	1368	1243	90.9	686	161	58	112	51	112	1	1	110
2012	1365	1229	90.1	901	176	70	92	39	123	2	3	118
2011	1380	1265	91.7	864	218	60	97	26	84	5	4	75
2010	1273	1183	92.9	705	298	62	88	30	59	3	3	53
2009	1227	1134	92.4	681	267	33	97	56	59	6	2	51
2008	1014	923	91.2	810	31	23	38	21	45	3	4	38
2007	984	892	90.6	609	144	29	76	34	45	1	2	42
2006	902	817	90.5	469	176	33	98	41	62	3	2	57

* as on 17-02-2020

Department of EIE

BATCH		UG - B.E(2015-2019)	PG - M.E(2017-2019)
Students Passed		134	2
First Class with Distinction		07	-
First Class		119	2
Placement	Campus	112	1
	Off Campus	22	1
Trust Award		Ms. JEEVITHA K(Kalpana Chawla Award)	Ms. CHANDRIKA PRIYADHARSHINI R (Nelson Mandela Award)
		Name of the Student	Rank

UG – B.E

09 UNIVERSITY RANKS	Name of the Student	Rank
	Ms. JEEVITHA K	5
	Ms. RUBY CATHARIN A	8
	Ms. SUPREETHA S	9
	Ms. RAKSHIGA M	13
	Ms. ISHA S	17
	Ms. VIGNESH PRIYA K	17
	Ms. YUVALAKSHMI P	19
	Ms. JABATHIRA A	28
	Ms. OMPRIYADHARSHINI K	29

Department of Electronics and Instrumentation (EIE)

*Highest number of university ranks secured department in our college
* Secured highest number of university ranks in EIE course offering colleges across
Tamil nadu state.

Rank Holders

Right from EIE department inception in our college secures Anna University Ranks, Ranks across tamilnadu state

Sl.No	Year	No. of Anna University Ranks with Positions
1	2015-2019	9(5,8,9,13,17,17,19,28,29)
2	2014-2018	14(5,11,26,26,28,32,35,37.42,45,48,48,48)+1 (PG GOLD MEDAL)
3	2013-2017	19(11,19,20,24,25,28,29,30,32,33,36,41,42,44,44,45,45,47,49) +1 (PG GOLD EDAL)
4	2012-2016	14(2 silver,3,13,15,18,19,19,24,26,38,40,41,41,46) +5(PG 1 GOLD MEDAL+1 silver,2 SILVER MEDAL,3,4,4)
5	2011-2015	15(6,15,17,21,22,26,28,28,31,35,40,41,46,48,49)
6	2010-2014	11(1 GOLD MEDAL,3,15,16,17,26,28,33,49,49,50)+2 (3,4RANK PG)
7	2009-2013	11(7,9,10,22,27,29,38,40,41,43,46)
8	2008-2012	20(2 SILVER MEDAL, 4,6,11,15,17,18,19,29,30,30,32,33,33,34,35,39,40,42,48)
9	2007-2011	4(1 GOLD MEDAL,7,22,30)
10	2006-2010	12(1 GOLD MEDAL,3,8,9,13,24,25,26,36,43,44,46)
11	2005-2009	5(5,9,23,29,33)
12	2004-2008	4(2,7,22,30)
13	2003-2007	2(9,44)
14	2002-2006	6(1 GOLD MEDAL,11,20,25,35,45)
15	2001-2005	2(4,13)
16	2000-2004	4(8,10,13,17)
17	1999-2003	3(7,8,12)

Department Activities

Keeping in mind the growing needs of the nation we, the department of EIE are all set to groom efficient and dedicated engineers who are competent at the global level. Our engineers are bred in such a way that they evolve into individuals of a completely different cadre and are ready to face the toughest of competitions undauntedly. Apart from the academic routines, we also have myriad activities that promote a deep understanding and practical acquaintance of the subject. Regular workshops, seminars and symposiums are conducted to keep the staff and students on their toes about the latest in the tech-world. Mentioned below are some of the activities of our department since April 2019.

Staff Activities:

Most of our staff members are doing research work and they actively take part in presenting them in various National/International journals and conferences, conducted in different parts of the world. Few of them are listed below:

JOURNALS AND CONFERENCES
Faculty Publications in Journals

(2019-2020)

1. **V. Rajinikanth**, Alex Noel Joseph, PalaniThanaraj, Ganesh Naik. "A Customized VGG19 Network with Concatenation of Deep and Handcrafted Features for Brain Tumor Detection" *Applied Sciences* 2020; (ISSN/ISBN: 2076-3417).

2. S. L. Fernandes, **V. Rajinikanth**, S. Kadry. "A Hybrid Framework to Evaluate Breast Abnormality Using Infrared Thermal Images" *IEEE Consumer Electronics Magazine* 2020; (ISSN/ISBN: 2162-2256).

3. B Manjula, **AkGodweena**, **Nsm Raja**, ScSatapathy. "A Study on Mining of Tumor Pixel Group in Flair Modality Brain MRI" *Smart Intelligent Computing and Applications* 2020;

4. **V. Rajinikanth**. "A Study on the Bat Algorithm Technique to Evaluate the Skin Melanoma Images" *Applications of Bat Algorithm and its Variants* 2020;

5. **V. Rajinikanth**. "An Approach to Extract Low-Grade Tumor from Brain MRI Slice Using Soft-Computing Scheme" *Advances in Intelligent Systems and Computing* 2020;

6. **N.SriMadhava Raja**. "An Automated Person Authentication System with Photo to Sketch Matching Technique" *Springer, Advances in Intelligent Systems and Computing (AISC) series* 2020;

7. **V. Rajinikanth**. "Appraisal of Breast Ultrasound Image Using Shannon's Thresholding and Level-Set Segmentation" *Advances in Intelligent Systems and Computing* 2020;

8. **V. Rajinikanth**. "Assessment of Fundus Images for Retinal Abnormality Screening—A Study" *Advances in Intelligent Systems and Computing* 2020;

9. U. Rajendra Acharya, Steven Lawrence Fernandes, Joel En Weikoh, Edward J. Ciaccio, MohdKamil U. John Tanik, **V. Rajinikanth** Chai Hong Yeong. "Automated detection of Alzheimer's disease using brain MRI images–a study with various feature extraction techniques" *Journal of Medical Systems* 2020; (ISSN/ISBN:0148-5598)

10. **V. Rajinikanth**. "Automated detection of schizophrenia using nonlinear signal processing methods" *Artificial intelligence in medicine* 2020;

11. **K. PalaniThanaraj**, Parvathavarthini B, Snehalatha U. "Automated heart sound classification system from unsegmented phonocardiogram (PCG) using deep neural network" *Physical and Engineering Sciences in Medicine* 2020; (ISSN/ISBN:2662-4729).

12. ArjFredo, RsAbilash, R Femi, **Nsm Raja**."Characterization of Global and Local Damages in Composite Images Using Geometrical and Fourier-Hu Moment–Based Shape Descriptors" *Journal of Testing and Evaluation 49 (2)* 2020;

13. **V. Rajinikanth**. "Classification of Melanoma through Fused Color Features and Deep Neural Networks" *Information Technology and Intelligent Transportation Systems* 2020;

14. D. Lakshmi **K. PalaniThanaraj** M. Arunmozhi. "Convolutional neural network in the detection of lung carcinoma using transfer learning approach". *International Journal of Imaging Systems and Technology* 2020; (ISSN/ISBN:1098-1098).

15. AbhirBhandary, G AnanthPrabhu, **V Rajinikanth, K PalaniThanaraj**, Suresh Chandra Satapathy, David E Robbins, Charles Shasky, Yu-Dong Zhang, João Manuel, Rs Tavares, N Sri Madhava Raja. "Deep-learning framework to detect lung abnormality–A study with chest X-Ray and lung CT scan images" *Pattern Recognition Letters* 2020; (ISSN/ISBN: 0167-8655).

16. Priyanka J, **R Sivakumar**. "Design of WInd and Tidal Hybrid energy generation" *International Journal of Advanced Research in Basic Engineering Sciences and Technology* 2020;

17. **V. Rajinikanth**. "Development of a Semi automated Evaluation Procedure for Dermoscopy Pictures with Hair Segment" *Advances in Intelligent Systems and Computing* 2020;

18. Hong Lin and **V. Rajinikanth**. "Development of Softcomputing Tool to Evaluate Heart MRI Slices" *International Journal of Computer Theory and Engineering* 2020;

19. **V Rajinikanth**, H Lin, J Panneerselvam, **Nsm Raja**. "Examination of Retinal Anatomical Structures—A Study with Spider Monkey Optimization Algorithm" *Applied Nature-Inspired Computing: Algorithms and Case Studies* 2020;

20. **V Rajinikanth**, NilanjanDeyErginaKavallieratou, Hong Lin. "Firefly Algorithm-Based Kapur'sThresholding and Hough Transform to Extract Leukocyte Section from Hematological Images" *Applications of Firefly Algorithm and its Variants* 2020;

21. UsharaniThirunavukkarasu, SnekhalathaUmapathy, **PalaniThanaraj Krishnan**, Kumar Janardanan. "Human Tongue Thermography Could Be a Prognostic Tool for Prescreening the Type II Diabetes Mellitus" *Evidence-Based Complementary and Alternative Medicine* 2019; (1741-427X).

22. **V. Rajinikanth**. "Image Examination System to Detect Gastric Polyps from Endoscopy Images" *Information Technology and Intelligent Transportation Systems* 2019;

23. **S.Meena**. "Implementation of Controller Structures in FPGA Platform" *International Journal of Engimeering and Advanced Technology* 2019;

24. **V. Rajinikanth**, NilanjanDey, Suresh Chandra Satapathyk. Kamalanand. "Inspection of Crop-Weed Image Database Using Kapur's Entropy and Spider Monkey Optimization" *Soft Computing for Problem Solving* 2019;

25. **M.Nivethitha Devi**. "Modeling Of Non-Linear Systems Using Artificial Intelligent For Use In Controller Design" *International Journal of Scientific & Technology Research* 2019; (ISSN/ISBN: 2277-8616).

26. **V. Rajinikanth**. "Multi-thresholding with Kapur's Entropy—A Study Using Bat Algorithm with Different Search Operators" *Applications of Bat Algorithm and its Variants* 2019;

27. **Brindha, G. Rohini, G**. "Quantum Optimization of Evolutionary Algorithm Using Droplet-Based Advanced Digital Microfluidic Biochip and Clinical Prognosis Configuration" *Journal of Medical Imaging and Health Informatics 9 (6), 1329-1336* 2019; (ISSN/ISBN: 2156-7018).

28. **V. Vijayan**, **P Deepa, D Sankaran**, V.Supraja. Set Point Weighted Modified Smith Predictor for Higher Order Integrating Processes with Time Delay. *International Journal of Recent Technology and Engineering* 2019; (ISSN/ISBN: 2277-3878).

29. **A k Godweena**, B Manjula, **Nsm Raja**, ScSatapathy. "Skin Melanoma Assessment with Machine-Learning Approach—A Study" *Smart Intelligent Computing and Applications* 2019; (ISSN: 2190-3018).

30**. V. Rajinikanth**. "Time domain analysis on myoelectric activity of masseter muscles in resting and chewing conditions" *Network Modeling Analysis in Health Informatics and Bioinformatics* 2019;

31. **N.Hariprasad**, **A.Sadeesh Kumar,** "Wireless Power Transmission for Medical and Other Applications" *International Journal of Innovative Technology and Exploring Engineering (IJITEE)* 2019; (ISSN: 2278-3075).

32. **R.Elavarasan**, Chitra.K. "An Efficient Fuzziness based Contiguous node Refining Scheme with Cross-layer Routing Path in WSN" *Peer to Peer Networking and applications* 2019; (ISSN: 1936-6442).

33. E. Ahila Devi, L.R. Swathika, S. Sasireka, S. Vaishnaviand **V. Vijayan**. "Optimal Disturbance Rejection Method of PI Controller for Conical Tank System" *Journal of Advanced Research in Dynamical and Control Systems* 2019; (1943-023X).

34. **R. Angel Sujitha**, L.R. Swathikaand **V. Vijayan**. "Tunable Method of PID Controller for Cascade Control System" *Journal of Advanced Research in Dynamical and Control Systems* 2019; (ISSN: 943-023X).

35. **Brindha .G** And **Rohini .G**. "Ring Cross Over Based Genetic Algorithm for DFMB Chip Design and Medical Image Compression" *Current Signal Transduction Therapy, Bentham Science Publishers* 2019; (ISSN: 2212-389X).

36. JacFredoAgastinoseRonickom, AbilashRetnakaranSobhana, Femi Robert, **N Sri Madhava Raja**, Nadaradjane, Suresh Kumar Chelliah. "Automated damage detection and characterization of polymer composite images using Tsallis-particle swarm optimization-based multilevel threshold and multifractals" *Polymer Composites* 2020; (ISSN: 1548-0569).

Faculty Publications in Conferences

(2019-2020)

1. **N.SriMadhava Raja**. "A Study on Segmentation and Evaluation of Leukocyte Section". *2nd International Conference on Power and Embedded Drive Control* 2019;

2. S.Hepziba Lizzie, **B.Senthil Kumar**. "Air quality prediction using Time Series Analysis". *International Conference on Frontiers of Intelligent Computing: Theory and Applications, FICTA* 2020;

3. Resmi P, Reshika R, **N. Sri Madhava Raja**, S. Arunmozhi, VaddiSeshagiri Rao. "An Automated Person Authentication System with Photo to Sketch Matching Technique". *International Conference on Frontiers of Intelligent Computing: Theory and Applications, FICTA* 2020;

4. **G Sivagurunathan**. "Bat Algorithm based Centralalized PI Controller for a Non square multivariable system with RHP zeros". *International Conference on Instrumentation and Control Engineering (ICECON, 2019), NIT TRICHY;*

5. N.Shalini E, D.Abirami, Hong Lin, **V. Rajinikanth,** VaddiSeshagiri Rao. "Brain MRI Examination with Varied Modality Fusion and Chan-Vese Segmentation". *International Conference on Frontiers of Intelligent Computing: Theory and Applications, FICTA 2020;*

6. K Revanth, **NSM Raja**. "Comprehensive SVM based Indian Sign Language Recognition". *2019 IEEE International Conference on System, Computation, Automation and networking (ICSCAN 2019);*

7. **S.Meena**. "Controller Design using Hybrid Firefly and Particle Swarm Optimization Algorithm". *International Conference on Inventive Systems and Control (ICISC 2020);*

8. **G Brindha**. "Decentralized PID Controller Design for MIMO Systems using Heuristic Algorithm". *8th international conference on contemporary engineering and technology 2020, ISBN 978-93-81288-22-1, Prince Shri VenkateshwaraPadmavathy Engineering College;*

9. **Dr. K. PalaniThanaraj**. "Development of Web based Pneumonia Diagnosis System using Deep Learning Framework". *Indo-German Conference on Computational Mathematics: Challenges and Opportunities towards Exascale Computing, IISc Bengaluru, St. Joseph's College of Engineering, 2019;*

10. S Fuzail Ahmed Razeen Emmanuel, **V. Rajinikanth**, P. Tamizharasi B. ParvathaVarthini. "Examination of Optic-Disc Sections of Fundus Retinal Images – A Study with Rim-One Database". *International Conference on Frontiers of Intelligent Computing: Theory and Applications, FICTA 2020;*

11. Pavidraa R, Preethi R, **N. Sri Madhava Raja**, P. Tamizharasi, B. ParvathaVarthini. "Examination of the Brain MRI Slices Corrupted with Induced Noise – A Study with SGO Algorithm". *International Conference on Frontiers of Intelligent Computing: Theory and Applications, FICTA 2020;*

12. R. Elanthirayan, K. Sakeenathul Kubra, **N. Sri Madhava Raja**, **V. Rajinikanth**, Suresh Chandra Satapathy. "Extraction of Cancer Section from 2D Breast MRI Slice using Brain Strom Optimization". *International Conference on Frontiers of Intelligent Computing: Theory and Applications, FICTA 2020;*

13. R. Dellecta Jessy Rashmi, Hong Lin **V. Rajinikanth**, Suresh Chandra Satapathy. "Extraction of Leukocyte Section from Digital Microscopy Picture with Image Processing Method". *International Conference on Frontiers of Intelligent Computing: Theory and Applications, FICTA 2020;*

14. M Ramadevi, M Sakthisri, **NSM Raja**. "Feature Based Classification of Retinal Blood Vessels Using Multifractal Technique". *2019 IEEE International Conference on System, Computation, Automation and networking (ICSCAN 2019);*

15. M. Santhosh R. Rubin Silas Raj **V. Rajinikanth**. "Image Assisted Assessment of Cancer Segment from Dermoscopy Images". *International Conference on Frontiers of Intelligent Computing: Theory and Applications, FICTA 2020;*

16. Hariharan D, Hemachandar S, **N. Sri Madhava Raja**, Hong Lin, K. Sundaravadivu. "Inspection of 2D Brain MRI Slice using Watershed Algorithm". *International Conference on Frontiers of Intelligent Computing: Theory and Applications, FICTA 2020;*

17. **D.Dinesh Kumar**. "Intelligent Controller Design for Magnetic Levitation Systems". *8th International Conference on Contemporary Engineering and Technology 2020;*

18. TDV Shree, **NSM Raja**,"Retinal Vasculature Segmentation and Analysis using Heuristic approach". *2019 IEEE International Conference on System, Computation, Automation and networking (ICSCAN 2019);*

19. Manasi S, Ramyaa M, **N. Sri Madhava Raja**, S. Arunmozhi, Suresh Chandra Satapathy. "Segmentation and Assessment of Leukocytes using Entropy Based Procedure". *International Conference on Frontiers of Intelligent Computing: Theory and Applications, FICTA 2020;*

20. D Suresh, DheebthaLakshmi, **NSM Raja**. "Simulation of Piezoelectric Composite MEMS Ultrasonic Transducer for Level Monitoring". *2019 IEEE International Conference on System, Computation, Automation and networking (ICSCAN 2019);*

21. **P.Deepa**. "Texture Extraction and Evaluation of White Blood Cell". *International conference on Contemporary Engineering and Technology 2020;*

22. Santhosh M, Rubin Silasraj R, **Sivakumar R, Deepa P**, Shivaani D. "Fractional order Controller design for Electrical Systems - A study". *2019 Fifth International Conference on Electrical systems;*

23. J Jose Infanta, AArokiaShalini, **N Sri Madhava Raja**, B Anusha. "A Study on Segmentation and Evaluation of Leukocyte Section". *2019 2nd International Conference on Power and Embedded Drive Control (ICPEDC);*

24. M Ramadevi, M Sakthisri, **N Sri Madhava Raja**. "Feature Based Classification of Retinal Blood Vessels Using Multifractal Technique". *2019 IEEE International Conference on System, Computation, Automation and Networking (ICSCAN);*

25. **V Rajinikanth, NSM Raja**, S Arunmozhi. "ABCD Rule Implementation for the Skin Melanoma Assesment–A Study". *2019 IEEE International Conference on System, Computation, Automation and Networking (ICSCAN);*

26. TD Varsha Shree, **N Sri Madhava Raja**. "Retinal Vasculature Segmentation and Analysis using Heuristic approach". *2019 IEEE International Conference on System, Computation, Automation and Networking (ICSCAN);*

FDP's / STTP's ATTENDED (2019-2020)

Name of the Staff Member	Title of FDP / STTP	Conducted by (name of the institution conducted)	Duration of the Program
Dr.K.PalaniThanraj	Integration of Biometrics, Control and Neurophysiology	NIT,Trichy	1/10/2019 to 5/10/2019
Dr.R.Sivakumar	QIP Robotics	IIT ,Kharagpur	13/11/19 to 19/11/19
Dr.G.Sivgurunathan	IoT-Concepts & Implementation	IITDM,Kancheepuram	15/11/19 to 19/11/19
Mrs.R.Angel Sujitha	FDP on Artificial Intelligence	MIT Chennai	11/11/19 to 15/11/19
Dr.C.N.GnanaPrakasam	Recent Trends in Industrial Metrology and Calibration of Measuring Instruments	PSG College of Technology, Coimbatore	3/11/19 to 9/11/19
Mr.R.Elavarasan	Recent Trends in Industrial Metrology and Calibration of Measuring Instruments	PSG College of Technology, Coimbatore	3/11/19 to 9/11/19
Mr.D.DineshKumar	Recent Trends in Industrial Metrology and Calibration of Measuring Instruments	PSG College of Technology, Coimbatore	3/11/19 to 9/11/19
Mrs.G.Brindha	Operational Research	St.Joseph's Institute of Technology	16/12/19 to 20/12/19
Mr.S.Sivakumar	Operational Research	St.Joseph's Institute of Technology	16/12/19 to 20/12/19
Dr.V.Rajinikanth	International Science Symposium on HIV and Infectious Diseases	Sri Ramachandra Medical College,Chennai	12/10/19 to 14/10/19
Dr.N.Sri Madhava Raja	International Science Symposium on HIV and Infectious Diseases	Sri Ramachandra Medical College,Chennai	12/10/19 to 14/10/19
Mr.N.Sivabalan	Advanced CyberSecurity	NITTR,Chandigarh	21/10/19 to 25/10/19
Mr.N.Hariprasad	Advanced CyberSecurity	NITTR,Chandigarh	21/10/19 to 25/10/19
Dr.K.Sundaravadivu	Advanced CyberSecurity	NITTR,Chandigarh	21/10/19 to 25/10/19
Ms.Keerthini Godweena	Advanced CyberSecurity	NITTR,Chandigarh	21/10/19 to 25/10/19
Mrs.Elizabeth Catherine	Advanced CyberSecurity	NITTR,Chandigarh	21/10/19 to 25/10/19
Mrs.M.Angelin Ponrani	Advanced CyberSecurity	NITTR,Chandigarh	21/10/19 to 25/10/19
Dr.B.Senthil Kumar	Artificial Neural Networks and Deep Learning A-Z for Beginners: Hands-On with Python, Keras and Tensorflow	VIT ,Chennai	21/11/2019 to 25/11/2019
Dr.P.DEEPA	Advanced CyberSecurity	NITTR,Chandigarh	21/10/19 to 25/10/19
Mr.N.Hariprasad	STTP on Instrumental Methods and Analysis	Sri Venkateswara College of Engineering,Sriperumbudur	4/11/19 to 9/11/19
Mr.A.Sadeesh Kumar	STTP on Instrumental Methods and Analysis	Sri Venkateswara College of Engineering,Sriperumbudur	4/11/19 to 9/11/19

WORKSHOPS ATTENDED (2019-2020)

Name of the Staff Member	Title of FDP / STTP	Conducted by (name of the institution conducted)	Duration of the Program
Mrs.M.Nivethitha Devi	Seminar on biological Effects of Electromagnetic Fields and Radiation	St.Joseph's Institute of Technology	12/12/19 to 14/12/19
Dr.V.Rajinikanth	Trends in Electrical Vehichles and Power Converters	St.Joseph's Institute of Technology	21/11/19 to 23/11/19
Dr.N.Sri Madhava Raja	Trends in Electrical Vehichles and Power Converters	St.Joseph's Institute of Technology	21/11/19 to 23/11/19
Dr. V. Vijayan	Biological Effects of Electromagnetic fileds and radiation	St. Joseph's Institute of Technology	12.12.2019 to 14.12.2019
Dr. V. Vijayan	one day workshop on Arduino	IIT Bombay online workshop at St. Joseph's College of Engineering	08.02.20200
Dr. R. Sivakumar	C and C++	St. Joseph's College of Engineering, PMMMNMTT scheme, IIT Bombay	29th Feb 2020
Dr. R. Sivakumar	eSim, a first course on IoT series for Teachers	CEG, Anna University, PMMMNMTT Scheme, IIT Bombay	21-Sep-19

RESOURCE PERSONS

Name of the faculty	Refresher courses/Orientation courses/Seminars/Workshops/Conferences
Dr.N.SriMadhava Raja	Two weeks FDP on Recent trends in Information,Computing,Communication and teaching methodology competency, Sri Sairam Engineering College
	Conference Chair, 8th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2020) January 4 - 5, 2020, National Institute of Technology Karnataka Surathkal, India. Springer Conference
Dr. V. Rajinikanth	Emerging Trends in Soft Computing Techniques for Control Engineering Applications"(ETSCTCEA'19) during 04.11.2019 to 09.11.2019, Anna Malai University
Dr.K. PalaniThanaraj	AICTE Sponsored FDP on Soft Computing Techniques and its Applications on 2.11.2019, Anand Institute of Higher Technology, Chennai

Nominated on Editorial Boards/Reviewers/BoS

Name of Faculty	Details
Dr.R.Sivakumar	Reviewer for ISA Transactions
	Reviewer for Journal of Process Control
Dr.V.Rajinikanth	IEEE Access
	Informatics in Medicine Unlocked
	Computer Methods and Programs in Biomedicine
	Current Bioinformatics
	International Journal of Ambient Computing and Intelligence
	Computers and Electrical Engineering
	Computational Intelligence and Neuroscience
	International Journal of Computational Intelligence Systems
	Pattern Recognition Letters
	Arabian Journal for Science and Engineering

Dr.V.Rajinikanth	Journal of Medical Systems
	Cognitive Systems Research
	Heliyon
	Measurement
	Computational Science
	The Journal of the Franklin Institute
	Magnetic Resonance Imaging
	Journal of Organizational and End User Computing
	Soft Computing
	Evalutionary Intelligence
	OptiK
	Mathematical Problems in Engineering
Dr.V.Vijayan	BoS member, ANNA university
	Reviewer for ISA Transactions
	Reviewer for Journal of food processing
	Reviewer for Nonlinear Dynamics
	Reviewer for Chemical Engineering Communications
Dr. N.SriMadhava Raja	Syllabus Review Committee Member Anna University
	Mathematical Problems in Engineering, Hindawi
	Current Medical Imaging, Bentham Science Publishers
	Book Reviewer: Applications of Bat Algorithm and its Variants; Springer
	IEEE Access
	Computers and Electronics in Agriculture, Elsevier
	JESTEC (Journal of Engineering Science and Technology)
Dr. K. PalaniThanaraj	Physical and Engineering Sciences in Medicine, SpringerNature
	Medical and Biological Engineering and Computing, SpringerNature

Awards / Prizes/ Recognitions

Name of Faculty	Details
Dr.K.Sundaravadivu	A Patent on "A Method for Stress Identification"
Dr.R.Sivakumar	Silver Medal in Robotics
Dr.V.Rajinikanth	A Patent on "Disease Diagnosis System Based On Electromyography"
	Galvanic skin response generator (Awarded Patent)
	Program to generate GSR signals (Awarded Copyright)
Dr.V.Vijayan	Received a Grant of Rs. 7,000 from IEEE to conduct techincal Events
	Silver medal certificate fo the course Process Control- Design, Analysis and Assessment
	Nptel-Enthusiast Certificate
	Reviewer For Journal food process engineering
Dr.P.Deepa	Silver Medal in "Cloud Computing" , NPTEL Certification course
Dr.N.SriMadhava Raja	A Patent on "Indicative Phonological And Visual Recognition System"
Dr.S.Meena	Elite Certificate in Control Engineering- NPTEL
Dr.G.Sivagurunathan	Silver Medal in Ethics in Engineering Practice,NPTEL Certification course
Mr.S.Sivakumar	Silver Medal in "Introduction to Internet of Things", NPTEL Certification course
Dr.KPalaniThanaraj	Young Researcher - Biomedical Sciences and Engineering, 2019 VIHA Healthcare Awards
	Silver Medal, Health Research Fundamentals, NPTEL
Mr.D.Dinesh Kumar	Silver Medal in "Introduction to research", NPTEL Certification course

Book Chapters:

1. **V. Rajinikanth**, Hong Lin, J. Panneerselvam, **N. Sri Madhava Raja**, Examination of Retinal Anatomical Structures—A Study with Spider Monkey Optimization Algorithm, Applied Nature-Inspired Computing: Algorithms and Case Studies, Springer, 177-197, 2020.

2. Swarnalatha, A., **K. Palani Thanaraj**, A. Sheryl Oliver and M. Esther Hannah. "A Study on the Examination of RGB Scale Retinal Pictures Using Recent Methodologies." Biomedical and Clinical Engineering for Healthcare Advancement. IGI Global, 2020. 198-220. Web. 21 Oct. 2019. DOI:10.4018/978-1-7998-0326-3.ch010

MOU
(MEMORANDUM OF UNDERSTANDING)

MOU'S FOR ACADEMIC DEVELOPMENT:

The Memorandum of Understanding signed by our department is for exchange of teaching and research personnel, student exchanges, cooperative development of courses and academic programmes and development of joint scientific and technological research projects.

MoU signed Till Date

Name of the Company	Date of Signing
Lema Labs Technologies Pvt. Ltd.	21-06-2019
Intellectz Tech for all	21-06-2019
CDCE Equinox Automation	13-02-2018
Gemicates Labs	10-08-2017
IELEKTRON Technologies	28-07-2017
Vipra Engineers	15-02-2016
Starcom InformationTechnology	17-03-2016
Real Time Techno soft consulting	27-01-2015

GUEST LECTURE Conducted

Guest lecture on Artificial Intelligence in Robotic Control byDr. P.V.MANIVANNAN, M.E., Ph.D., Associate Professor, Department of Mechanical Engineering, Indian Institute of Technology, Madras, on *10th October 2019 between 9.30 AM. –12.00 Noon* in our placement block, Basil, Center for Training and Placement

FACULTY DEVELOPMENT PROGRAM Conducted

Our department conducted a FDP On Machine Learning and Artificial Intelligence in Automation 21 – 23 August 2019. This faculty development programme aims to provide exposure in the areas of Data Science and Machine Learning. Hands on Training is planned in Open Source tools such as Anaconda Python, R-Studio for development of Machine Learning algorithms.

COURSE CONTENT

1. Introduction to Data Science

2. Applications of Machine Learning in Process Automation

3. Machine Learning and AI in Healthcare Industry

4. Robotics and Automation in Process Industries

5. Hands on Session on Fundamentals of ML using Python libraries:Numpy, Matplotlib, Scikit-learn

6. Introduction to ML using R

Technical Speakers:

Date	8.30-10.30 AM	10.45-12.20 PM	1.00-3.00 PM
21-08-2019	Inaugural Function **Mr. V. Suresh B.E., MBA (Co-Founder/CEO, Daya Group)** (Ex.Chief Sales Office, Naukri) Keynote: **Building and nurturing high performance teams- Learning's from my journey**	**Dr. Senthil Kumar B B.E.,M.E.,Ph.D. Professor & Head** Department of EIE,St. Joseph's College of Engg. Topic: **Linear Regression**	**Dr. SaburaBanu B.E.,M.E.,Ph.D.** (Founder at Intellectz Tech for All) Topic: **Machine & Deep Learning using Matlab**
22-08-2019	**Dr. Arun Kumar N.E B.E.,M.E.,Ph.D.** Department of Mech,St. Joseph's College of Engg. Topic: **ANN in Automation**	**Dr.K. Kamalanand B.E.,M.E.,Ph.D.** Assistant Professor Department of Instrumentation Engineering, Madras Institute of Technology Campus Topic: **Machine Learning and AI in Healthcare Industry**	**Hands on Session:** Machine Learning using Open Source Python Libraries **(ReTech Technologies)**
23-08-2019	**Mr. S. Kumar BE,MBA** (Founder, Ydealogy Ventures) Topic: **Industry 4.0 and Machine Intelligence**	**Dr. HajaNajubudeen M.E.,M.S. Ph.D.** (Research Scientist, Rolls-Royce @ NTU Corporate Lab) Topic: **Machine Learning and Condition monitoring system**	**Dr. K. Palani Thanaraj B.E.,M.E. Ph.D. Assistant Professor, Dept. of EIE** Topic: **Machine Learning Basics using R**

Ph. D. Awarded Staff:

Dr. S. Meenahas been awarded **DOCTORATE**degree on **1st of February 2020** for Research Work, "**Certain Investigation on Optimization of Non Linear Processes and its implentation in Embedded System and FPGA**"

SPECIAL ACHIEVEMENTS

YOUNG RESEARCHER AWARD

Dr.K.PalaniThanaraj, faculty of our department has been honoured with Young Researcher of Biomedical Sciences and Engineering, awarded by: Venus International Foundation, on 21st September 2019 at Chennai.

BEST PAPER AWARD – FICTA 2020

R.Pavidraa (III year EIE B Sec), Our department student received a **BEST PAPER Award in Springer,** 8th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2020)

Jointly Organized By: School of Management and IT, National Institute of Technology, Karnataka, Surathkal, Karnataka

Paper Title:*Examination of the BrainMRI Slices Corrupted with Induced Noise – A Study with SGO Algorithm*
Date : 4,5th January 2020

WORLD RECORD 2020

Name of the Students: S.JASHWANTH (II year EIE A)

V.YUVARAJ (II year EIE C)

Award Received :

World Record 2020 in

- NON STOP 1Hour SILAMBAM ALANGARA VEECHU
- Write all Tamil Letters
- Outstanding Performance award

Organized by :

South Indian SilambamAcadamey, Madurai

Date : 2-2- 2020

ADVISORY BUREAU FOR HIGHER STUDIES

The Advisory Bureau for Higher Studies (ABHS) is functioning as a separate entity to serve the student community for getting higher educational admission in India and abroad. The main objective of ABHS is to enable the students to prepare for the tests like GRE, TOEFL, GMAT, IELTS, GATE, CAT etc. ABHS is equipped with the latest Information, books and CD's related to the above mentioned qualifying tests. For the benefit of the Hostel students, coaching classes for GRE, TOEFL, GATE and CAT have been arranged in the campus.

ABHS also organizes guest lectures and seminars to equip the students for pursing higher studies in India and abroad. Various Workshops and seminars are handled by the resource persons from IDP, USIEF, Cambridge University, British Council and other higher studies agencies. In addition to this, the students are also exposed to first hand information from the Associate Director, Deans, Department heads and faculties from many educational institutes like the University of California, University of Pennsylvania Graduate school of Education, Clarkson University,Monash University, Latrobe University, Deakin University, University of Technology Sydney, Swinburne University, University of Sussex, Illinois Institute of Technology, Rochester Institute of Technology, SUNY and Southern Illinois University. The Academicians have visited our campus and also briefed the students about application procedures, scholarships, internship and campus recruitments in their respective universities.

Our students have got admission into various top ranking universities in different countries like USA, Australia, UK, New Zealand, Canada, Germany, Sweden and Singapore. To name a few, University of Texas, NJIT, University of Massachusetts, North Carolina state University, Illinois Institute of technology, University of Pennsylvania, Leeds university, University of Birmingham, University of Queensland, University of Waterloo, Monash University, University of British Columbia, NUS, NTU, University of West Virginia, MRIT, University of MTU, McGill University etc. The number of students who have got admission for higher studies during recent years is as follows:

S.No	Academic Year	No of students*
1.	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.

Higher Studies:

The department of EIE not only trains their students in placement but also helps them in pursuing their higher studies in India and abroad in various field of engineering. The students who are interested in doing higher studies register themselves in our Advisory Bureau of Higher Studies (ABHS) department and get their valuable guidance. The department of ABHS is conducting various seminars by eminent persons to enable the students to get into competitive exams for higher studies such as GRE, TOEFL, GATE, CAT, etc... Many practice tests are conducted in ABHS department to enable our students in scoring high marks in GRE and TOEFL examinations.

The performance of our students in such competitive exams and their place of study are detailed below:

Name	Batch	Course
ABDUL KALEEM SHAH S	2015-2019 CET Rank 88	MBA- Logistics,Materials & Supplychain Management, IMU, Chennai
MRINALINI R	2015-2019	MS (Biomedical Engineering), Kaunas University of Technology, Lithuania
RAGHUL C	2015-2019	Uppsala University, Sweden
SUPREETHA S	2015-2019	ME (Inst. Engg), MIT, Chennai
SMRITIKA S	2015-2019	MS (Electrical and Electronics engineering), University of New Haven
KAVITHA K	2015-2019	ME (Inst. Engg), MIT, Chennai
VIMAL V	2015-2019	MBA, Panimalar Engineering College
SUGUNAN S	2015-2019	MBA, St. Joseph's College of Engineering
RAJKANNAN C	2013-2017	M.Sc. Data Science, University of Surrey, UK

CONQUISTA 2020:

DISTRIBUTION OF **1671** PLACEMENTORDERS TO THE PLACED STUDENTS

CONQUISTA'20 – the word that makes us well with pride of our achievement. CONQUISTA is the ceremony of issuing the offer letters to the students recruited through campus placement.

The function was presided by Mr. Singaravelu, Senior Vice President from Cognizant and Mr. Suryanarayanan, Associate Vice President, Infosys Limited who handed over the offer letters to the students in the presence of Dr.B.BabuManoharan, Chairman, Mrs.B.JessiePriya, Managing Director &Mr.B.ShashiSekar, Director and Dr.VaddiSeshagiri Rao &Dr.P.Ravichandran, Principals of St Joseph's group of Institutions. Human resources - Campus Hiring fromCognizant and Infosys were also present as 'special invitees'.

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

PLACEMENT ORIENTATION PROGRAMME

Placement Orientation Program & other activities

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 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 in to 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.**

Placement Details (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, Hp Inc, Manali petrochemicals, SMART, HCL-Infra, OMICS, BNPParibas, HCL, Sanmar, VWR, Emerson, Shasun, Amazon, Gislen, Captronic, Kone, Ideas2IT, Artech, SEW-Eurodrive, Krishcoinfolabs, Guptapower, Flextronics, E-Con systems, Samsung, Sitel, HDFC Bank, Bosch, Aithent, Zycus, Eurocon tiles, Aricent & Rjpinfotek through campus recruitment drive held for the academic year **2019-20** with an annual salary package, starting from **2.5 Lakhs to 28 Lakhs** for UG & PG students.

Total Placed Students : **1671**
St. JOSEPH'S COLLEGE OF ENGINEERING : 1187
St. JOSEPH'S INSTITUTE OF TECHNOLOGY : 484

St.Joseph's College of Engineering		St.Joseph's Institute of Technology	
BRANCH	**PLACED STUDENTS**	**BRANCH**	**PLACED STUDENTS**
UG		**UG**	
CSE	161		
IT	156		
ECE	151	CSE	109
EEE	145		
MECH	146		
EIE	**131**		
CIVIL	44		
ICE	39	IT	48
CHEM	50		
BIO	52		
PG		ECE	91
ME-BIO	5		
ME-CSE	2		
ME-AE	1	EEE	91
ME-PS	1		
ME-PE	1		
ME-C&I	**1**	MECH	117
ME-Emb	2		
ME-SE	1		
ME-Manuf	1	CIVIL	28
MBA	97		
TOTAL	**1187**	**TOTAL**	**484**

St Joseph's College of Engineering St Joseph's Institute of Technology			
St. JOSEPH'S GROUP OF INSTITUTIONS, OMR, CHENNAI -119			
2019 – 20 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	NITTANY CREATIVE SERVICES	TENMILES
BAJAJ CAPITAL	HEXAVIEW TECHNOLOGIES	NKATS GLOBAL TECH	THAPOVAN INFO SYSTEMS
BANKBAZAAR.COM	HEXAWARE TECHNOLOGIES	NUTPAM	TIMES INTERNET
BLUETECH	HFFC	ODESSA	TNQ
BNP PARIBAS	HOST ANALYTICS	ODYSSEY	T-SYSTEMS ICT INDIA
BOSCH	HSBC	OMICS	TUBE INVESTMENTS
BRUHAT LOGISTICS	IBM	OPTIMUS INFORMATION INC	VALUE LABS
CADTECH INDIA	ICICI SECURITIES	ORIGIN LEARNING	VERITAS FINANCE
CALOTROPIS SOFTWARE	IDBI FEDERAL LIFE INSURANCE	PINNACLE WORKS	VERIZON
CLOFUS INNOVATIONS	IN TIME TEC	PLEASANT HEALTH CARE	VERNALIS
COCUBES	INDUSTRY ARC	POSITIVENAICK	VIJAY RAJA HOMES

CODEBRAHMA	INFINITI SOFTWARE	QBRICS	VIRTUSA
CODING MART	INFOSYS	QMAX SYSTEMS	VISUAL BI
COGNIXIA	INPUT ZERO TECHNOLOGIES	QUAPT TECHNOLOGIES	VSAN SENSORS
COGNIZANT	INTELLECT	RESEARCH SERVICES	VVDN TECHNOLOGIES
COMITS AG PVT LTD	INVENTION LABS	RGF-PROFESSIONAL	VWR
CONVERTCART	JARO EDUCATION	RHOMBUS LABS	WEBALLURES TECHNOLOGIES
CYIENT	JRA-ANALYTICS	ROBERT BOSCH	WEBVILLEE TECHNOLOGY
DATA PATTERN	JUSPAY	SAINT GOBAIN	WEST AGILE LABS
DBS BANK	JUSTDIAL	SAMARTH	WHIRLDATA SCIENCE
DHL LOGISTICS	K7 COMPUTING	SAMSUNG R&D	WIPRO
DIGIRYTE	KAAR TECHNOLOGIES	SANMAR	WIZELY
DISPATCH TRACK SOFTWARES	KELTON TECHNOLOGIES	SCAPIC INC	YELLOW MESSENGER
DOODLEBLUE	KREA EKNOWLEDGE	SCHUECO	ZALARIS
DXC TECHNOLOGIES	LAVA INTERNATIONAL	SEW EURODRIVE	ZIFO R&D
E-CON SYSTEMS	LnT INFOTECH	SIEMENS	ZOHO
EDLOCUS SOLUTIONS	LUCID TECHNOLOGIES	SIGARAM TECHNOLOGIES	SYNTEL
ELITISTS	MAARGA SYSTEM	SOFTCRYLIC	TORRY HARRIS
EQUITAS BANK	MASTECH INFOTRELLIS	SOFTEON	FOUR KITES
EVENTJINI	MCS SOLUTIONS	SOLITON	COGNIZANT-NEXT
EXPEDITORS	MELSS	SOLUTIONCHAMPS TECHNOLOGIES	MAARGA
FABULYST	MIND TREE	SONY	SUEZ
ASPIRE SYSTEMS	NTT DATA	MBIT WIRELESS	EXCELACOM
DATA MATICS	Mr.Cooper	RELIANCE	PATHCARE
BIG BAZAAR	MAKERDEMY	RANE	JBM AUTO
ENA GAME STUDIO	VALUED EPISTEMICS	TEAM LEASE	IONIXX
SPIC Limited	YES BANK	NETTYFISH NETWORKS	LENNOX
ZOHO - Technical Support	SONATA	EMERSON	KBR
THOUGHTWORKS	VSAN	S10	ATTRA

List of students placed are listed below:

NAME	COMPANY (WORKING)
Manju.K	AVASOFT
R.Sakthisri	
Hariharan P	BYJU'S
Naveen Shriram	
Rajiv Chandrasekar	CAPGEMINI
A Swetha	
Agastinraj A	COGNIZANT
Akshaya H	
Balakumar V	
Harini J	
Jasmine Chalcedony C	
Johann Sebastin Gnanakumar J	
Kalyani A	
Naga Vyshnavi V	
Naveenya A G	
Nithyananthan	
Preethi K	
Rahul M	
Rama Devi M	
Veerappan S	
A.C.Emaya Bharathi	
Gokul M	
Gowrinath Venkatachalam	
K. N. Harinee	
Madhumitha A	DISPRZ
Akshaya M	DXC TECHNOLOGY
Amirtha Priyadharshini F R	
V Anandhi	
Kaviya S	E-CON SYSTEMS
S.Vairavahini	FEDERAL BANK
Yashwanth Raj	FRESHWORKS
Dhiyageshvaran B	HINDUSTAN NATIONAL GLASS INDUSTRIES PVT LTD
Abinaya V	IBM
Thejus Thomson	
Akshay Raghav B	INFOSYS
Balaji D	
Bertina Loui J	

NIMBUS

NAME	COMPANY (WORKING)
Deepshika S	INFOSYS
Elakkiya S	
S.Kaveen	
Nithushaa	
Poonguzhali G	
Priyenga B	
Sharon G	
Silambarasan	
Swathi V	
A P Swetha Priyadarshini	
Vishva Priya P	
Jerish Naveen J	
Suriyakishore K S	INFOSYS INFYTQ (5L)
Keerthana N	MASTECH INFOTRELLIS
Shalini R	MINDTREE
Patrik Savio.G	
M R Madhumitha	MYSLATE SIXPHRASE PVT LTD
Swathi Vm	SAMY AND CO(OWN OFFICE)
Kowsalya N	SOLITON
Sankeerthana S	SKILL LYNC
Saravanan.V	
Suryanarayanan V	
Vinith Fernando	
Ajay Aravind N S	SPANGLES INFOTECH
R Balakumar	SYSARC INFOMATIX
Hari Ganesh	
Sudhanthira M	TATA CONSULTANCY SERVICES (TCS)
Sethunathan K	
Arockia Pricilla S	
Bhuvaneswaran	
Malavika V Nair	
Jaya Sanjeev R	TCS NINJA
Praveen R	
Thiwakaran M	VISTEON INTERNSHIP
R. Agnes Lilly	WIPRO
Sophiya R	
R Rakshana	WIPRO, DXC
Vaishnavi G	ZoomRX

2020-2021 Placement Circular

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

Totaloffers 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 onOctober8th, 2020

We wouldlike to congratulatethe students for being selected. We would also like to appreciate the Dept.HOD's, Dept.Staff members & Department PlacementCoordinators for their sincere efforts.

2019–20 BATCH CAMPUS PLACEMENT

TOTAL OFFERS: 1671*

Engineering: 1187*   **Technology: 484***

---

*As onOctober 8th, 2020

PLACEMENT TRAINING SCHEDULE					
SEMESTER	**ACTIVITY**	**ELIGIBILITY**	**TRAINING PARTNER**	**DURATION (In Days)**	**DATES**
I	Communication skill Enhancement	ALL	STRIDES / WINSPIRE	6	August / September
II	Aptitude Crash Course	ALL	SMART Training Resource	6	January / February
III	BEC Training	ALL	STRIDES / WINSPIRE / SIX PHRASE	6	June
IV	C Programming Training	ALL	Finemind / EBox / Benchmark	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 & Datastructures	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	Advanced Datastructures & Algorithm (**College Sponsored - Product Batch)**	ALL Departments (**Selected Students Only**)	EXTERNAL VENDOR	10	June
VII Total package worth Rs 10000	Department Specific Training	Mechanical & Civil	EXTERNAL VENDOR	6	June
	Placement Orientation Training Program	Mandatory for students Upto 3 Arrears	SMART Training Resource	6	June
	Datastructures & Algorithm		SIX PHRASE	6	June
	CODE Fit Training		SIX PHRASE	6	June
	CoCubes 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
	CoCubes Online Assessment II		CO CUBES	3 hrs	August
	Company Specific Training Program		SIX PHRASE	6	August

Online Placement exams will be conducted by external agency from III Semester onwards

Department Toppers:

"Encouragement and motivation is the stepping stone for great achievement".

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 Medallist 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.
- Honouring 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.
- Hosting Special lunch for the semester toppers on the day.

UG (B. E.)

I YEAR (2019 – 2023): Current II Year

S.No.	Reg.No.	Name	Total GPA	CGPA
1	312319107035	Shankar Guru J	475	9.50
2	312319107033	Senthil Raghavan KK	461	9.22
3	312319107027	Pratibha A K	454	9.08
4	312319107015	Harshini J	453	9.06
5	312319107029	Rajnarayanan S	452	9.04
6	312319107020	Mohammed Farhaan S	446	8.92
7	312319107024	Naveen Kumar D	445	8.90
8	312319107023	Nangai Sri M	441	8.82
9	312319107010	Dhivya Shree J	438	8.76
10	312319107005	Balakrishnan A S	434	8.68
11	312319107040	Sivashankar R	434	8.68

II YEAR (2018 – 2022): Current III Year

S.No	Reg.No.	Name	Total GPA	CGPA
1	312318107071	Pourna Devi A K	865	8.92

| 2 | 312318107068 | Pavithra T | 830 | 8.56 |

III YEAR (2017 – 2021): Current IV Year

S.No	Reg.No.	Name	Total GPA	CGPA
1	312317107026	Dellecta Jessy Rashmi Ramesh R	1303	9.18
2	312317107119	Sandhya M	1303	9.18
3	312317107159	Thejasree K	1278	9.00
4	312317107003	Abirami D	1274	8.97
5	312317107011	Anukirthika T S	1272	8.96
6	312317107020	Beni Samlin S	1261	8.88
7	312317107057	Jose Infanta J	1260	8.87
8	312317107095	Nivedhitha S	1259	8.87
9	312317107120	Sangeetha Nachiar S V	1251	8.81
10	312317107027	Devadarshan G	1247	8.78
11	312317107157	Thaiyal Nayaki A L	1247	8.78
12	312317107038	Geethapriya M	1246	8.77
13	312317107007	Ajanthwin A P	1241	8.74
14	312317107118	Sandhiyaa A	1239	8.73
15	312317107054	Jeevitha R	1235	8.70
16	312317107052	Jayashree G	1228	8.65
17	312317107111	Resmi P	1228	8.65
18	312317107036	Fuzail Ahmed Razeen S	1224	8.62
19	312317107093	Nirupriya B	1223	8.61

IV YEAR (2016 – 2020): Passed Out

S.No	Reg.No.	Name	Total GPA	CGPA
1	312316107092	Kowsalya N	1708	8.99
2	312316107069	Jasmine Chalcedony C	1696	8.93
3	312316107134	Rama Devi M	1652	8.69
4	312316107120	Preethi K	1650	8.68
5	312316107115	Poonguzhali G	1645	8.66
6	312316107078	Kalyani A	1642	8.64
7	312316107097	Madhumitha M R	1635	8.61

PG

M E (C & I): II YEAR (2018 – 2020)-Passed Out

S.No	Reg.No.	Name	Total GPA	CGPA
1	312318428003	Pravalika H	518	8.93
2	312318428002	Hepziba Lizzie S	510	8.79

NGO Activities :(Non-Governmental Organization)

There are numerous orphanages and old age homes in our society. Our visionary Director yearns for extending a supporting hand to these needy persons. Also, he wanted to invoke the service mind of our students by encouraging visits to orphanages, old age homes and homes for CP children (children with Cerebral Palsy which causes physical disability in human development chiefly in vain areas of body movement). About 80 orphanages, 15 old age homes and 10 homes for CP children have been visited this academic year. NGO activities bring out the hidden potentials of young minds to serve the needy and to make them responsible citizens. They are exposed to downtrodden lifestyle, which is a need of the hour for our country's development.Our college offers special lunch (Both Vegetarian and Non Vegetarian with sweets, savories and ice creams) to all the inmates of orphanages, old age homes and homes for CP children. Students are provided with transport facilities to visit the homes on activity Saturdays. All the students, from First year to Final year, both UG and PG enthusiastically participated and mingled with inmates of home and spent the daytime with them and shared their happiness. They also spent their pocket money in useful manner by offering the needy things like rice bags, groceries, toys, clothes, pillows etc. for the inmates.

St. Joseph's விழிவெள்ளி

(NGO - Non-Governmental Organisation Activities)

WE WISH TO CONTINUE THE SERVICE FOREVER.

S.NO	Date of visit	Name and address of the NGO vIsit	Category Orphanage/ Old age Home/ mentally retarted etc.	No of students visited	No of inmates
...		**2019-20 (ODD)**			
1.	14.09.2019	MagimaiIllam , Allison School Hostel, Chengalpattu.	Mentally retarted	IYear 38	70
2.	31-08-19	MANASU HOME Thirusulam, Chennai. Mobile: 8122046126	CP Children	II Yr "A" 36	40
3.	22-06-19	St.JohnDebritto Home, Kovalam, Chennai. Mobile: 9566149986	Old age Home	II Yr'B' 37	50
4.	20-07-19	SusaiyapparIllam, MadhaKoil Street, Pannur, Thiruvallur. Mobile: 7639363366	Orphanage	II Yr "C" 36	100
5.	27-07-19	Oxford Old Age Home, Urappakam,Chennai.	Old age Home	III Yr"A" 55	50
6.	06-07-19	DMI Marco Home, Ottanthangal village, Thenari (via), Walajabad. Mobile:9444390722	Children Home	III Yr 'B" 53	100
7.	31-08-19	THIRUVALLUVAR	Orphanage	III Yr "C"	40

S.NO	Date of visit	Name and address of the NGO visit	Category	No of students visited	No of inmates
		GURUKULAM 94, Raja Gopal Street, Little Kanchipuram, Kanchipuram Dt. Mobile: 9994137783			55
8.	27-07019	Little Hearts, Plot No. 13, Velu, Rangaswami Naicker St, KudumiyandiThoppu, Panaiyur, Chennai, Tamil Nadu 600119 Mobile: 9940617715	Orphanage	IV Yr "A" 46	80
9.	22-06-19	IGM Children Home, 16, Kannivakkam post, Pannur village, Nellikuppam Road. Mobile: 9710444321	Orphanage	IV Yr'C' 45	100
10.	17-08-19	WEBBS MEMORIAL No.12, Butt Road, Sector 15, Parangimalai, St.Thomas Mount, Chennai-16. Mobile: 9840230045	Orphanage	IV Yr "D" 47	120

2019-20 (EVEN)

S.NO	Date of visit	Name and address of the NGO vIsit	Category Orphanage/ Old age Home/ mentally retarted etc.	No of students visited	No of inmates
1.	14.03.2020	Webbs Memorial Orphanage,No:41, Main Road Street , St. Thomas Mount(H.O.) Near Indian Overseas bank.,Chennai.	Orphanage	I Year 38	120
2.	30.11.2019	Pannur Old Age Home, MadhaKoil Street, Thiruvallur(TK)- 602108 Mob: 9751088910	Old Age Home	II EIE A 36	100
3.	14.12.2019	WEBBS memorial,2 butt road, sector 15, St.Thomas Mount. Mob:9840230045	Orphange	II EIE B 34	120
4.	08.02.2020	St. Joseph's Social Service 4/92, Magazine Street, St.Thomas Mount, Chennai-16. Phone:044-2231539	Orphange	II EIE C 36	80
5.	25.01.2020	Dazzling Stone Orpahanage, Sarasvathy Nagar, Kundrathur, Chennai-69. Mob:9444273518	Orphange	III EIE A 55	85
6.	08.02.2020	IGM home, Pandur village, Guduvancherry. 9840144082	Orphange	III EIE C 55	50

NIMBUS

Student Activities:

The students of the department of EIE actively take part in various co-curricular and extra-curricular activities not only inside the campus but also outside the campus and enthusiastically take part in various activities like seminar, symposiums etc., conducted by other institutions. Their participations and achievements are listed below:

Inter-College Curricular and Co-curricular Activities:

Knowing the importance of bringing out the hidden talents by means of Co-curricular activities, our students have participated in various symposiums at National and International level and have emerged as Winners. They are:

II YEAR EIE

S.No	Name of the Student	Reg.No	Event	Organizer	Place
1.	Ambrish Ahmed R	312318107005	Tech - Quiz	MIT, Anna University	I
			Sense It	MIT, Anna University	II
2.	David Samraj	312318107015	Battle of Bands	National Institute of Fashion Technology	II
3.	Gokulprasanna S	312318107021	Poster Presentation	Saveetha Engineering College	II
4.	Hariharan E	312318107022	Tech - Quiz	MIT, Anna University	I
			Sense It	MIT, Anna University	II
5.	Lethin C	312318107049	Non – Formal Class Volunteer		
6.	Lokeshwaran A	312318107050	NSLV10-VIKRAM Satellite Lanch	Space Kidz India, Chennai	Participated
			ISA's India Automation Games	MPSTME, NMIMS University, Mumbai	Finalist
7.	Natarasan H	312318107063	ISA's India Automation Games	MPSTME, NMIMS University, Mumbai	Finalist
8.	Prasanna R	312318107073	Techie - Pizc	Dhaanish Ahmed College of Engineering	I
			Paper Presentation	Dhaanish Ahmed College of Engineering	II
9.	Rethick N	312318107078	Paper Presentation	Jeppiaar Engineering College	I
			Quizard	Aarupadai Veedu Institute of Technology	II
			Innovative Mind	Aarupadai Veedu Institute of Technology	III
10.	Revathy D	312318107079	Paper Presentation	Jeppiaar Engineering College	I
11.	Rishi Shekaran	312318107080	Innovative Mind	Aarupadai Veedu Institute of Technology	III
12.	Rokesh S	312318107082	ISA's India	MPSTME, NMIMS University,	Finalist

S.No	Name of the Student	Reg.No	Event	Organizer	Place
			Automation Games	Mumbai	
13.	Srinivaslu V	312318107094	Impulse	Saveetha Engineering College	I
			Poster Presentation	Saveetha Engineering College	II
14.	Vasanth Kumar K S	312318107100	Retrofitzz	Velammal Engineering College	I
			Project Corner	Velammal Engineering College	II
15.	Vijayarangan P R	312318107102	Retrofitzz	Velammal Engineering College	I
			Project Corner	Velammal Engineering College	II
16.	Vinothini B	312318107104	Circuit Debugging	Madha Engineering College	II
17.	Yamini V	312318107108	Circuit Debugging	Madha Engineering College	II
18.	Yuvaraj P	312318107111	Poster Presentation	Saveetha Engineering College	II

III YEAR EIE

S.No	Name of the Student	Reg.No	Event	Organizer	Place
1.	Abirami D	312317107003	Line Follower	Easwari Engineering College	II
			International Conference – FICTA 2020	NIT, Surathkal	Presented
2.	Dellecta Jessy Rashmi	312317107026	International Conference – FICTA 2020	NIT, Surathkal	Presented
3.	Emmanuel	312317107033	International Conference – FICTA 2020	NIT, Surathkal	Presented
4.	Fuzail Ahmed Razeen	312317107036	International Conference – FICTA 2020	NIT, Surathkal	Presented
5.	Hariharan D	312317107045	International Conference – FICTA 2020	NIT, Surathkal	Presented
6.	Hemachandar S	312317107049	International Conference – FICTA 2020	NIT, Surathkal	Presented
7.	Jayashree G	312317107052	Escape Room	Easwari Engineering College	II
8.	Joshua Kristen H	312317107058	Circuit Debugging	Chennai Institute of Technology	II
9.	Keerthivasan V	312317107065	Enigma	SSN College of Engineering	III
10.	Manasi S	312317107075	International Conference – FICTA 2020	NIT, Surathkal	Presented
11.	Manirathnam K	312317107079	Enigma	SSN College of Engineering	III
12.	Mohamed Arshath M	312317107082	Technical Quiz	KCG College of	I

S.No	Name of the Student	Reg.No	Event	Organizer	Place
				Technology	
13.	Nirupriya B	312317107093	Escape Room	Easwari Engineering College	II
14.	Pavidraa R	312317107097	Project Display	SSN College of Engineering	II
			International Conference – FICTA 2020	NIT, Surathkal	Best Paper
15.	Praveen S	312317107101	Cyber Hackathon	MIET Engineering College, Trichy	I
16.	Preethi R	312317107103	International Conference – FICTA 2020	NIT, Surathkal	Best Paper
17.	Ramyaa M	312317107109	International Conference – FICTA 2020	NIT, Surathkal	Presented
18.	Reshika R	312317107110	International Conference – FICTA 2020	NIT, Surathkal	Presented
19.	Resmi P	312317107111	International Conference – FICTA 2020	NIT, Surathkal	Presented
20.	Robin Infant Raj A	312317107113	Technical Quiz	Velammal College of Engineering and Technology, Madurai	I
21.	Rubin Silas Raj	312317107114	Line Follower Robot	SRM Easwari Engineering College	III
			International Conference – FICTA 2020	NIT, Surathkal	Presented
22.	Sandeep R	312317107116	Tech Hunt	Easwari Engineering College	I
			Line Follower	Easwari Engineering College	II
23.	Sandhiyaa A	312317107118	Line Follower Robot	SRM Easwari Engineering College	III
			Spectrum Presentation	Jeppiaar Engineering College	III
24.	Santhosh M	312317107121	International Conference – FICTA 2020	NIT, Surathkal	Presented
25.	Saravana Priya C	312317107125	RC Car Racing	Thangavelu Engineering College	II
26.	Sasidharan R	312317107126	Technical Quiz	Velammal College of Engg, Madurai	I
27.	Sathish R	312317107127	Mind O Pedias	Velammal Engineering College	III
28.	Selva Harini M	312317107129	Line Follower Robot	SRM Easwari Engineering College	III
			Spectrum Presentation	Jeppiaar Engineering College	III
29.	Shalini N	312317107131	Line Follower	Easwari Engineering	II

S.No	Name of the Student	Reg.No	Event	Organizer	Place
				College	
			International Conference – FICTA 2020	NIT, Surathkal	Presented
30.	Sharmila R	312317107134	Paper Presentation	Jeppiaar Engineering College	I
			Mr.Code	Jeppiaar Engineering College	I
			Puzzle Decode	Jeppiaar Engineering College	I
			Google It	Jeppiaar Engineering College	III
			Paper Presentation	Parisutham Institute of Science and Technology, Thanjavur	III
31.	Sharuk Basha S S	312317107135	Circuit Emporium	Chennai Institute of Technology	II
32.	Sibirajan B	312317107139	Technical Quiz	Velammal College of Engg Madurai	I
			Circuit Emporium	Chennai Institute of Technology	II
33.	Sneha S	312317107143	Robo Race	Agni College of Technology	I
			RC Racing	DMI Engineering College	II
			Circuit Debugging	Chennai Institute of Technology	II
			Paper Presentation	Parisutham Institute of Science and Technology, Thanjavur	III
34.	Sowmiya K	312317107144	Robotics	Madha Engineering College	I
35.	Srijanani P R	312317107146	Spectrum Presentation	Jeppiaar Engineering College	III
36.	Subash Charan G	312317107148	Paper Presentation	Chennai Institute of Technology	III
37.	Swathi S	312317107155	Non Formal English Club		
38.	Tamil Durga P	312317107156	Paper Presentation	Chennai Institute of Technology	III
			Paper Presentation	DMI Engineering College	II
39.	Thaiyalnayaki. A. L	312317107157	Novastrix	Agni College of Technology	II
			Puzzle Decode	Jeppiaar Engineering College	I
			Robo Race	Agni College of Technology	I
			Mr.Code	Jeppiaar Engineering College	I
40.	Thivyalakshmi G R	312317107160	Puzzle Decode	Jeppiaar Engineering College	I
			Robo Race	Agni College of Technology	I
			Mr.Code	Jeppiaar Engineering	I

S.No	Name of the Student	Reg.No	Event	Organizer	Place
				College	
41.	Veeramurugalakshmi N P	312317107165	Google It	Jeppiaar Engineering College	III
42.	Vigneswari A	312317107167	Robotics	Madha Engineering College	I
			Novastrix	Agni College of Technology	II
43.	Yuvendhan R	312317107169	Mind O Pedias	Velammal Engineering College	III

IV YEAR EIE

S.No	Name of the Student	Reg.No	Event	Organizer	Place
1.	Aakash G	312316107001	Technical Event	Prince Dr.K Vasudevan College of Engineering and Technology, Chennai	II
2.	Allen Rahul J	312316107013	International Conference – ICCAN 2019	Kalinga Institute of Industrial Technology, Bhubaneshwar	Presented
3.	Anand B	312316107017	International Conference – ICCAN 2019	Kalinga Institute of Industrial Technology, Bhubaneshwar	Presented
4.	Ifan Roy Thanaraj R	312316107065	Technical Quiz	Adhi College of Engineering	III
			International Conference – ICCAN 2019	Kalinga Institute of Industrial Technology, Bhubaneshwar	Presented
5.	Gokul M	312316107052	Technical Quiz	Adhi College of Engineering	III
6.	Shalini R	312316107150	90's Assault	Agni College of Technology	II
7.	Shyam Sundar S P	312316107153	Technical Quiz	KCG College of Technology	I
			The Matrix	KCG College of Technology	I
8.	Snega R	312316107155	Brain Freak	Agni College of Technology	II
9.	Sudharsan L	312316107162	Brain Freak	Agni College of Technology	I
			Within-A-Flash	Rajalakshmi Engineering College	II
10.	Sureka M	312316107164	Brain Freak	Agni College of Technology	II
11.	Suriyakumar. K	312316107166	90's Assault	Agni College of Technology	II
12.	Swathi. V	312316107169	Tech Buggle	Agni College of Technology	II
13.	Vishva Priya P	312316107189	Brain Freak	Agni College of Technology	II
14.	Vaishnavi G	312316107181	Fandom Wars	Rajalakshmi Engineering College	I
			Brain Freak	Agni College of Technology	I
15.	Thejus Thomson	312316107176	Fandom Wars	Rajalakshmi Engineering College	I

DEPARTMENT SPORTS STUDENTS

Name	Event	National/International	Position
Jashwanth S	SilambamAlagaraVeechu	World Record 2020	**Participation** World Record 2020. Non stop 1 hour SilambamAlagaraveechu*on 2.2.20*
	Silambam Martial Arts	World Record 2020	**Participation** World Record 2020 Writing all Tamil Letters *on 2.2.20*
	World Record 2020 (Over all)	World Record 2020	**Outstanding performance** in world record *on 2.2.20*
Yuvaraj V	SilambamAlagaraVeechu	World Record 2020	**Participation** World Record 2020. Non stop 1 hour SilambamAlagaraveechu*on 2.2.20*
	Silambam Martial Arts	World Record 2020	**Participation** World Record 2020 Writing all Tamil Letters *on 2.2.20*
	World Record 2020 (Over all)	World Record 2020	**Outstanding performance** in world record *on 2.2.20*
Immanuel M	Kabbadi	National	**First Place** Dwaraka Doss Goverdhan Doss vaishnav college Inter collegiate Tournament *on 2.2.20*
Swarnamala B	Chess (Women)	State	**Third Place** Dwaraka Doss Goverdhan Doss vaishnav college- Inter collegiate Tournament held in year 2019-2020
Dalavi Saurabh Namdev	Basketball (Men)	State	**Winners** CIT Parthasarathy Memorial Trophy 2020 held at Chennai Institute of Tech., on 30th& 31st Jan 2020.
		State	**Second Place** Dwaraka Doss Goverdhan Doss vaishnav college- Inter collegiate Tournament held in year 2019-2020
Deepika M C	Chess (Women)	State	**First Place** Inter – Collegiate Tournamentheld at M.O.P. Vaishnav college for women on 11th& 12th Feb,

Name	Event	National/International	Position
			2020.
Swarnamala B	Chess (Women)	State	**First Place** Inter – Collegiate Tournamentheld at M.O.P. Vaishnav college for women on 11th & 12th Feb, 2020.
		National	**Second Place** 1st International open FIDE rating Chess Tournamentheld at Karnataka Public School Koteshwara, Kundapura, from 10.10.2019 to 14.10.2019.
		National	**Participation** 12th BRDCA All India open FIDE rating Chess Tournamentheld on 27th & 28th July, 2019.
Pavithra P	Volleyball (Women)	Inter-Zone	**Runners** Inter – Zonal Tournaments held at Kumaraguru College of Tech., on 1st Nov, 2019.
		National	**Second Place** South – Zone National VolleyballChampionship held at Bengaluru from 21.12.2019 to 25.12.2019.

SPECIAL ACHEIVEMENTS

Awards and Prizes received by students at university, state, national and international level:

.Name of the student	Name of the award/Medal	National / International	Sports/ Cultural
Deepika MC	2nd place	State(interzone)	Sports(chess)
Swarnamala B	Silver	State(interzone University)	Sports(chess)
Swarnamala B	4th place	South Zone inter University	Sports(chess)
Swarnamala B	3rd place	All India inter University	Sports(chess)
Jeswanth P	World Record 2020	International	Sports(Silambattam)
Yuvaraj V	World Record 2020	International	Sports(Silambattam)
Agaliya D	Gold	Interzone	Sports(weight lifting)

Guest Lectures:

As a part of ISA activities regular guest lecture were conducted during every semesters. Professionalsfrom various sectors like industries are requested to deliver their views and ideas both technically and practically, such that students may get an idea about the industrial field and may help to understand the concept clearly. Details of the Guest lectures are as follows:

Sl. No	Title of The Lecture	Objective	Resource Person	Class/Yr	Date Conducted	Course Duration
1	GATE AND ITS OPPORTUNITIS	Exposure to GATE Examination and its opportunities were presented	**Mr.Kumaran G** Eeci GATE Chennai	II Year (A,B,C)	19.02.2020	90 Minutes
2	INDUSTRIAL ROBOTICS AND AUTOMATION	To impart knowledge on Robotic Process and Automation and its toold	**Mr.Sriram Nagaraj** CEO and Co-ounder, ROBORAM, Chennai	III Year (A,B,C)	27.01.2020	90 Minutes
3	BUILDING AND NURTURING HIGH PERFORMANCE TEAMS	To impart knowledge on Team work,Soft Skills and Technical Skills	**Mr.V.Suresh,** Co-Founder-CEO Daya Group Chennai	II Year (A,B,C)	21.08.2019	90 Minutes
4	INSTRUMENTATION TECHNIQUES IN PETROCHEMICAL INDUSTRIES	To impart knowledge on Petrochemical Industries and calibration of measuring Instruments	**Mr.Gauthaman,** Manager-Instrumentation Chennai Petrochemical Corporation Limited, Manali,Chennai	III Year (A,B,C)	16.07.2019	90 Minutes
5	WORKFORCE READINESS FOR DIGITAL AGE	To impart Knowledge on Skill Development, Facing Interviews and getting Ready for Industry 4.0	**1.Mr.Norbert Dinesh Singh,** Principal Consultant,Bussiness Excellence **2.Mr.Prabu Srinivasan** Practice Head for Human Capital Management. **3.Mr.H.Karthikeyan** Project Manager, Tech Mahindra Limited,Chennai	IV Year A,B,C,D	02.07.2019	120 Minutes

Industrial Visits:

In order to keep the students well updated with the industrial environment, it is our customary practice to arrange for an industrial visit every semester in and around Chennai. These visits give them a practical exposure to the actual industrial background and motivate them to tune their theoretical knowledge. The following are the industries where students were taken.

ODD Semester			
S. NO	**DATE**	**PLACE**	**YEAR**
1.	19/7/19	National Institute of Ocean Technology, Chennai	II year EIE A
2.	30/7/19	Amrutanjan Health Care Limited,Thiruporur	II year EIE B
3.	23/7/19	Amrutanjan Health Care Limited,Thiruporur	II year EIE C
4.	07/8/19	ISRO,Sriharikotta	III year EIE A
5.	02/8/19	National Institute of Ocean Technology, Chennai	III year EIE B
6.	07/8/19	ISRO,Sriharikotta	III year EIE C
7.	12/7/19	Johnson Tiles Pvt Ltd, Karaikal	IV year EIE A

8.	05/7/19	Acer India PvtLtd,Pondicherry	IV year EIE B
9.	05/7/19	Ashok Leyland,Hosur	IV year EIE C
10.	12/7/19	Taneja AEROSPACE LTD	IV year EIE D

Industrial visit to NIOT Pallikaranai

EIE A (2nd year)   19.07.2019

EVEN Semester			
S. NO	DATE	PLACE	YEAR
1.	31/01/20	Cheyyar Sugar mills Co-op ltd,Cheyyar	II year EIE A
2.	31/01/20	Hanon System ,Maraimalai Nagar	II year EIE B
3.	29/01/20	NATRIP,ORAGADAM	II year EIE C
4.	08/02/20	Salem steel plant	III year EIE A
5.	07/02/20	Ashok Leyland,Hosur	III year EIE B
6.	24/01/20	Dalmiacement,Lalkudi	III year EIE C

INDUSTRIAL VISIT TO ISRO   EIE-A(3RD YEAR)

07.08.2019

Department Club Activities

Knowing the importance of bringing out the hidden talents by means of co-curricular activities, technical competitions were conducted for our students. Students actively participated in the various activities, conducted separately for II year, III year and IV year students.

Education goes well beyond the coursework. Co-curricular activities can form a vital part of your experience, thereby creating unique opportunities for portraying every students' individual talents and also help them learn better. Various hands-on workshops for students of II Year, III Year were conducted with active participation from them.

ISA & IEEE STUDENT ACTIVITES

As part of the International society of Automation, students were given an opportunity to be exposed to knowing the fundamentals of programming a Robot. Our students certainly gained knowledge about it. Students had practical sessions comprising of all fundamentals of the software used for programming a Robot. The trainers who conducted the course were highly expertise in the robotics field, which definitely met our expectations. Interested students gained knowledge and confidence on working with robots as a project as well.

Also our students were trained in designing circuits for various applications as part of a workshop on embedded system design. Students were given hands-on training and also rewarded prizes for their good involvement in the sessions. It was really interesting and an informative workshop.

ISA STUDENTS ACTIVITY EVENT:

Being a part of the ISA South India Section from the year 2000, the Instrumentation department of St.Joseph's College of Engineering has currently 150 members in the academic year 2019-2020 which is almost triple the number of students in the academic year 2018-2019.

The ISA student chapter in St.Joseph's college of Engineering, encourages the enrolled members to develop their knowledge on the various aspects of Automation. This has been implemented by the involvement of activities such as quiz, Circuit debugging, Hackathon problem statements and other technical events on which the below report will be stressing upon.

St. Joseph's College of Engineering ISA Student chapter (STJOE) has been conducting atleast three events in every semester. In the academic year 2019-2020, the following events have been conducted.

S.No	Date	Name of the Event
1	20/07/2019	ISA Student and Leadership Meet
2	28/08/2019	Logo Design Competition
3	06/09/2019	Tech Twitch
4	29/11/2019	Digital Dazzle
5	28/01/2020	Instroact
6	21 & 22/02/2020	Circuitriz Hack

1. ISA STUDENT AND LEADERSHIP MEET:

ISA Student and Leadership Meet 2019 was hosted by STJOE on 20/07/2019. The Chief Guest for this meet were Dr.J. Prakash – President of ISA South India Section and Mr.B. Sai Ramesh – President of ISA South India Section.

Six Colleges from in and around Chennai had participated in thisISA student and Leadership Meet, thus promoting the relationships between different student chapters from different colleges. The colleges from which student participated were:

- Madras Institute Of Technology.
- Jeppiar Engineering College.
- Velammal Engineering College.

- Prince ShriVenkateswara Engineering College.
- St. Joseph's Institute of Technology.
- Rajalakshmi Engineering College.

Events conducted were **Poster Presentation** and**Expoundzz.** Total number of students participated the leadership meet: 80.

Photo: Mr.B SaiRamesh(left) and Dr.J. Prakash(right) motivating the students by giving a talk on recent trends in Instrumentation.

This event was a great success as it not only brought together ISA students from 6 colleges but also proved to be an event to promote ISA among students from our colleges as well as their colleges. And having Dr.J. Prakash and Mr.B. Sai Ramesh as our Chief guests was our college's pleasure. And we were lucky to hear them speak.

2. ELECTION FOR SELECTION OF OFFICE BEARERS:

The election for the selection of the Office bearers was held on 30th July, 2019 in the Process Control Laboratory, St.Joseph's College of Engineering. The election was based on the maximum number of votes cast for a member by the other members of ISA. The election was conducted under the guidance of the ISA Faculty Advisor Dr.R.Sivakumar. The following posts were available:

1. President
2. Vice-President
3. Secretary

A large number of candidates stood for the election and the votes were counted accordingly. The members who received the posts are as follows:

Position	Name	Class
President	Hariharan D	III Yr EIE A Sec
Vice President	Mohamed Arsath	III Yr ICE
Secretary	D Thibak	III Yr ICE
Treasurer	Jayashree G	III Yr EIE A Sec
Delegate	Oswin Ray Vijayaraj	III Yr EIE B Sec
Alt. Delegate	Geethapriya M	III Yr EIE A Sec
Program Chair	DellectaJessyRashmi Ramesh	III Yr EIE A Sec
Education Chair	Reshika R	III Yr EIE B Sec
Membership Chair	Pavidraa R	III Yr EIE B Sec
Newsletter Editor	Nirupriya B	III Yr EIE B Sec
Web Master	S Karthikeyan	III Yr ICE
Exhibit Chair	Hariharan S	III Yr ICE
Marketing Chair	Swathi S	III Yr EIE C Sec
Publications Chair	Atilakshmy P	III Yr EIE A Sec
Honors& Awards	A Keerthana	III Yr ICE

The roles were put in effect from 01/08/2019(1st of August, 2019).

3. LOGO DESIGN COMPETITION:

The ISA Student Charter from the department of EIE organized this event on 28/08/2019. The event was held at Process Control Laboratory. The students who participated in this event were asked to design a logo depicting their idea about the Instrumentation domain. They came upwith really interesting designs and explained the purpose of their logo in their own unique way. Students from the department of both EIE and ICE participated in this event and those who won were awarded with a certificate. The below table will show the results of this event. The judges for this event were: Mrs.Divya(EIE), Dr. S. Meena and Dr.R. Sivakumar

Position No.	Name	Class
I	B.Vinothini S.Niveditha R.Reshika	II & III EIE
II	Lokeswaran A Natarasan H	II EIE
III	B.BrijoDalin G.Vijay Kumar Jebas Marvin M.S	III ICE

Through this competition students were able to understand about their department much better and gave them a basic idea about the instrumentation department as they were asked to design a logo for Instrumentation domain. And also this event proved to be platform to put their presentation skills into test.

Photo: Students designing their logo and stating the idea behind the logo

4. DIGITAL DAZZLE

This event was hosted by EIE department on 29/11/2019. The event comprised of two rounds. The first round was a technical quiz where students were tested on the basics of Digital Electronics and Microprocessor. Based on the scores on the first round, 5 teams were qualified for the second round. In the second round, students were given a problem statement, for which they have to think of a solution using

NIMBUS

what they have studied in Digital Electronics and Microprocessor. Some of the problem statements provided were: Automatic car parking and Counting the number of heads in the entry and the exit. Students from both the department of ICE and EIE participated in this event. The faculty incharge for this event was Dr.S. Meena.

Position No.	Name	Class
I	P PREETHI MANASI S PRINCY JENIT L RESMI P	III EIE
II	M.RAMYA NIVEDHITHA S MONICA P KIRUTHIGA K	III EIE
III	A JELSI ALISHIYA R JEEVITHA R DELLECTA JESSY RASHMI D ABIRAMI	III EIE

The event was a great success and the students showed immense interest in each round as the rounds was testing their knowledge and thus helping them to think practically.

5. INSTROACT

The event **INSTROACT** was conducted on 28/02/2020. This event was mainly focussed to develop interactions between the juniors and seniors and between the two departments(EIE &ICE). This event is basically a traditional Dumb-Charades game. But to make it interesting technical words were given to the students. Number of students participated in this event were: 55. The staffs in in-charge were Mrs.N. Divya(EIE) and Mrs.JoylinRini.

So participants were asked to form a group of 4-6 members per team and 12 teams was competing in this event. Two rounds were conducted – one was the prelims and the second was the final round. Preliminary round went like as follows:

- 5 technical words will be given to each team.
- Each member of the team will be given 30 seconds to enact the word.
- One point will be rewarded for each word found.
- The team with the maximum number of points will be qualified for the next round.

The second round went as follows:

- Totally 7 teams qualified for the finals due to tie in their scores in the prelims.
- 3 technical words with 20 seconds as the time limit.
- Top 3 teams got selected as winners.

Position No.	Name	Class
I	P.Pooja J.Selvapriya A.Kruthika M.Sangavi M.MangalaMohanaVarshini M.Lubna	II & III EIE
II	A.JelsiAlishiya R.Jeevitha P.Akila R.Deepika B.Haritha	II & III EIE
III	J.S.Abaranjita P.Atilakshmi Geethapriya Nirupriya	III EIE

On the whole, this event proved to be a successful one. This event was a good platform for the interaction between two departments and also helped in building a healthy relationship between the juniors and seniors and also within the two departments. This also established a good rapport between the juniors and the seniors.

6. CIRCUITRIZ HACK:

This event was conducted on two days 21/02/2020 and 22/02/2020 by the ISA Student Council Members. This event comprised of two rounds – Prelims and the finals. The staffs-in-charge were Dr.R. Kotteswaran (ICE) and Dr. S. Meena (EIE). About 34 students participated from both the department of EIE and ICE. The first round had a MCQ based filtering for the second round.

At the end of the second round 7 teams qualified for the final round. The final round was divided into three levels.

- An MCQ round to get a correct pincode for the number lock.
- With that pincode, each team will get a circuit to debug.
- Once the circuit is debugged, a problem statement corresponding to that circuit will be provided to each statement.
- The team which delivers a practical solution for the problem statement with aa better presentation and efficient approach gains the highest points.

Photo: Students giving a solution to the problem statement(left) and prelims round(right).

This event proved to be a great success in testing the students by making them to come up with an efficient, practical solution within the given limit of time.

Sl. No.	NAME OF THE STUDENTS	YEAR & DEPT.	POSITION
1.	Vishnu Ram	2nd Year EIE	FIRST
	Siva Sailesh	2nd Year EIE	
	Sindhu	2nd Year ICE	
2.	Abirami D	3rd Year EIE	SECOND
	JencyHenin P	2nd Year EIE	
	Vikram K	2nd Year ICE	
3.	Brijo Dalin	3rd Year ICE	THIRD
	Lokeshwaran A	2nd Year EIE	
	Rishi	2nd Year EIE	

This event tested the technical knowledge and also their practical exposure with the circuits.

7. TECH TWITCH:

The event was conducted on 06/09/2019 by the ISA Student Council Members. The participants of this event from both the departments of EIE and ICE. Number of students participated in this event was 50. The staffs in-charge were Mrs.N. Divya(EIE) and Dr.C. Selvakumar(ICE).

Two rounds were conducted – Prelims and the finals. Sixteen teams of 3-4 members were formed. The event is based on the ideology of component identification. This event tested their knowledge on different components available in the market and made theem aware that these componnents do exists, which can be used in their future projects. Prelims round was a technical MCQ round. &7 teams qualified for the finals.

Final round was made interesting with the snakes and ladder game concept, where a participant from a team plays as a pawn and the other participants will guide and give clues to the pawn in order to identify the component.

Position No.	Name	Class
I	Adhithyan.S Amarthiyason.B Athreya.S	IV ICE
II	Keerthana.E Monisha.S Mrudhula .N	IV ICE
III	Pirtham Kumar T.R GiftusJousha Daniel DeepikaVarshini.M	III ICE

IEEE STUDENT ACTIVITIES

We also conducted few activities and conducted workshops with IEEE associated students, that were listes below

Sl. No.	Event Date/s	Event Type National Conference / Intl. Conference	Topic of the Event	Resource Persons
1.	30.07.2019	Workshop	Seven Segment Programming using Arduino Kit	Mr.Balakumar V
2.	19.08.2019	Workshop	Machine Learning	Dr. B. Senthil Kumar
3.	10.10.2019	Technical Talk	Artificial Intelligence in Robotic Control	Dr. P.V.MANIVANNAN Associate Professor, Department of Mechanical Engineering, Indian Institute of Technology, Madras
4.	19.12.2019	Workshop	Linear Regression	Ms.S. Hepziba and Ms. Jayashree Narayanan
5.	27.01.2020	Technical Talk	Industrial Automation and Robotics	Mr. Sriram Nagarajan CEO of Roboram, Chennai
6.	12 March 2020	Project demo	Development of the Smart Irrigation Prototype Using Raspberry PI	Ms Jemmima ME. Applied Electronics, Final yr Dept of ECE St. Joseph's College of Engineering
7.	28-05-2020 to 30-05-2020	Online FDP	Understanding Data Analytics with Real-Life Cases	**Dr. K. Venkateswaran,** Research Convenor, CMR Institute of Technology, Bangalore **Dr. K. Palani Thanaraj**, Assistant Professor, Dept. of EIE,

NIMBUS

| Sl. No.	Event Date/s	Event Type National Conference / Intl. Conference	Topic of the Event	Resource Persons
				St. Joseph's College of Engg., Chennai **Mr. Ragavan V,** Associate Data Scientist, Geak Minds Technologies, Chennai **Mr. Shri Rajasekar Ravi,** API Engineer, Barclays, United Kingdom

Department Club - EICON Contest

Event name Mini Project Expo held on 18th September 2019, conducted by EIE department event incharge Mrs. G. Brindha, organized by Club Faculty advisor Dr. R. Sivakumar held in Smart class room of EIE department between 11am to 2pm. Totally 26 students actively participated in this event with 13 projects with a working module.

Objective of this event is to motivate all sorts of candidate to apply the programming knowledge into a real- world situation/problem to get with a solution to overcome the situation.

Theme – Engineering concept

Outcome – students were aware of all sorts of environmental issues right from agriculture to space research.

- Auto Irrigation and security batch
- LIFI and Automatic street light Technology
- Cartesian Robot
- Automated doorlock using IOT
- ECG monitoring using Biomedical Instrumentation
- Welcome Note using 8051 µc
- Smoke detection using Arduino UNO
- Home Automation using IOT
- KALAMSAT V2 tracking system (ie. Base Station of Satellite Mission Control Centre)
- NOTI Ware
- Sound Sensing and Burglar Alarm
- Obstacle Avoider Robot
- Vertical Axis Wind Turbine
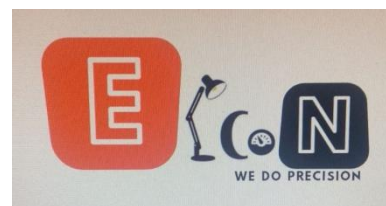
Awards/Recognitions – Certificate and Cash Prize

REG. NO.	NAME	Project Title	PLACE
312317107131	Shalini .N	CARTESIAN ROBOT	I Place Rs. 500
312317107003	Abirami .D		
312317107057	Jose Infanta .J		
312317107012	ArokiaShalini .A		
312317107101	Praveen .S	AUTO IRRIGATION AND SECURITY BATCH	II Place Rs. 300
312317107102	Pravieen .P		
312317107061	Kaushik .S		
312317107066	Kevin Paul Devanand .S		
312318107050	Lokeshwaran .A	KALAMSAT V2 TRACKING SYSTEM	III Place Rs. 200

CompetitiveExams

Our students weregiven with seminars from various external sources which helps out to get higher education opportunities in aboard.

BEC - British English Council

Our students are given a coaching for BEC examination by external source. This is a certified course which helps out to get higher education opportunities in aboard. This course is being conducted to all second year students with one week of training and coaching. Below it is given with number of students cleared in two stage of BEC Course

Course Stages	No. of students cleared
Preliminary	65
Vantage	25

Competitive Exams

The performance of our students in such competitive exams and their place of study are detailed below:

Name	Competitive Exam	Score
Suriya Kishore K S	GATE	34
Deepakumar S	GATE	18
Veerappan S	GATE	8
Amreesh N	GATE	10.33
Aravind S	GATE	4.67
Sudhanthira M	GATE	17.67
Shalini R	GATE	12.67
Thejus Thomson	CAT	57.45
Aadithyasanthana Krishnan	GRE	296
Leona Sophia James	IELTS	6.5
Supreetha S	TANCET	47.207

Intra-Departmental Symposium Activities:

This Symposium is been conducted since 2010, and this year it was held in our campus and conducted by our faculty members on 12-07-2019. This was conducted to identify the student's talent and to motivate them to participate in inter collegiate symposiums. Total cash prize of **Rs. 10,000/-** was distributed to the winners. The activities and the winners list are given below:

S.No	Event Name	Participants	Name of the Student(s)	Year	Position
1.	**IDEA PRESENTATION**	18 (9 batches)	Sakthisri R	IV C	**I prize** *Rs. 1000/-*
			Ramadevi M	IV C	
			SubashCharan G	III C	**II prize** *Rs. 500/-*
			Abirami D	III A	**III prize** *Rs. 300/-*
			Shalini N	III C	
2.	**TECH CONNEXIO (CONNECTION)**	107 (39 batches)	Anukirthika T S	III A	**I prize** *Rs. 1000/-*
			Balasankari S	III A	
			BeniSamlin s	III A	
			Jaya Sanjeev R	IV B	**II prize** *Rs. 500/-*
			Janathalesh S	IV B	
			Keerthivasan R	IV B	
			Prabhakaran M	IV C	**III prize** *Rs. 300/-*
			Premkumar M	IV C	
			Rajkumar S	IV C	
3.	**TECH CHASSE (HUNT)**	72 (20 batches)	Premkumar M	IV C	**I prize** *Rs. 1000/-*
			RajKumar S	IV C	
			Prabhakaran M	IV C	
			Gunasekaran M	IV B	**II prize** *Rs. 500/-*
			Gowtham S	IV B	
			George VasanthFransua S	IV B	
			Jerish Naveen J	IV B	**III prize** *Rs. 300/-*
			Hariharan P	IV B	
			JebalinSoloman P	IV B	
			Guru KarthikSai P S	IV B	
4.	**KVIZ QUIZ**	44 (12 batches)	Jayashree G	III A	**I prize** *Rs. 1000/-*
			Geethapriya M	III A	
			Atilakshmy P	III A	
			Nirupriya B	III B	
			Vijay Krishna Kanth K	II C	**II prize** *Rs. 500/-*
			P ShanmugaVelayutham	II C	
			Vasanth Kumar K S	II C	
			Vijayarangan P R	II C	
			Aishwarya U	III A	**III prize** *Rs. 300/-*
			BeniSamlin S	III A	
			BalaSankari S	III A	
			Anukirthika T S	III A	
5.	**CIRCUIT DEBUGGING**	79 (27 batches)	Arul Raj Ravindaran S	III A	**I prize** *Rs. 1000/-*
			Ajanthwin A P	III A	
			Resmi P	III B	**II prize** *Rs. 500/-*
			Manasi S	III B	
			Preethi R	III B	
			Pravieen P	III B	**III prize** *Rs. 300/-*
			Joshua Kristen H	III B	

Intramural Sports:

Knowing the importance of bringing out the hidden talents, few extracurricular activities, both indoor and outdoor sports were organized to make students stress free in this competitive world. The sports such as volley ball, football, badminton, chess, carom etc. were conducted for our students. These activities foster leadership, sportsmanship and education. Students actively participated in the various games, which are conducted separately for I year, II year and III year students.

For second year on 10thJuly 2019 and for third year on 14thFebrauary 2020.

Various games conducted are listed with winners list.

II YEAR

GAME	CATEGORY	PLACE	BRANCH
Volley Ball	MEN	Runners Up	EIE
	WOMEN	Runners Up	EIE
Basket Ball	MEN	Runners Up	EIE
Ball Badminton	WOMEN	Runners Up	EIE
Badminton (Singles)	MEN	Winner	V. Kishore Kumar (EIE)
Table Tennis (Singles)	WOMEN	Winner	T. Pavithra (EIE)

III YEAR

GAME	CATEGORY	PLACE	BRANCH
Basket Ball	MEN	Runners Up	EIE

National Symposium - KARUVINGYAN 2019:

       Another unparalleled event in the course of the year is the technical symposium, the KARUVINGYAN. KARUVINGYAN 2018 was organized by the department of EIE on 14[th]of September 2019. The student chapter of the department namely ISA student section played a major role in this sincere attempt.We conducted Dumb-C, Technical Quiz, Treasure Hunt, Robot Race, Circuit Debugging, Adzap, Documentary and Paper presentation. In addition to all these events, SURPRISE EVENTS such as Express O, Blur, FIFA and Smack down were also conducted and the total cash prize amount is **Rs. 30,000/- .**

No. of Colleges participated:20   **No. of participants:130**

Name of the Event	I PRIZE: Rs.3000/-		II PRIZE: Rs.2000/-		III PRIZE: Rs.1000/-	
	Name of Students	**College**	**Name of Students**	**College**	**Name of Students**	**College**
TECH CONVERSATION	1.Surajit Chakraborty 2.Tamilselvan D	Agni College of Technology	1.ManojKumar M	SSN College of Engineering	1.Mathiyuvarajan T	KCGCollege of Technology
TECH CHASSE	1.Balaji V 2.Aravind Kumar	Jeppiar Engineering College	1.Tamilselvan D 2.Yogeshwaran K	Agni College of Technology	1.Vibin Sri Balaji P 2.Gopinath R	Bharath Institute of Higher Education and Research
KVIZ	1.Barani Prakash 2.Aswin S	Chennai Institute of Technology	1.VishwarajS 2.SatheshE	Panimalar Collegeof Engineering	1.Tamilselvan D 2.Surajit Chakraborty	AgniCollege of Technology
TECH CONNEXIO	1.Harini B 2.Aishwarya S	KCG College of Technology	1.Keerthiga T 2.Keerthiga R	KCG College of Technology	1. Rakshitha V.L. 2.Vasanth S	VelsUniversity
LOGICAL BUG	1.Dhanush Kumar K 2.Yamini K	KCG College of Technology	1.Srilekha J 2.Sajanya S 3.SaveethaB	SSN College of Engineering	1.SathyaprakashG 2.Yogeshwaran M.R	ChennaiInstitute ofTechnology
Total Cash Prize = 30,000/-						

25th YEAR CELEBRATION - A School Event

Event: INSTRONICS

One of Chennai's leading premier engineering institutions St. Joseph's College of Engineering has touched the silver jubilee year and has set focus on globalising its outreach. As a prelude, the college had planned various events/programmes to cater to school and college students along with industry insight on 16th October 2019.

INSTRONICS was a collective endeavour hosted by the departments of Electronics and Instrumentation Engineering, Instrumentation and Control Engineering and Civil Engineering in St.

Joseph's College of engineering. The event was tailored to create an awareness about the host departments and their reach and scope in the engineering world for environmental and social issues. Students from 20+ schools with 320 participants all over the state participated and demonstrated their academic enthusiasm.

The inaugural programme was graced by Dr.SrimathyKesan, CEO and Founder of Space Kidz India, Chennai. The organization which was started in 2011 has designed and pioneered

multiple programmes that are aimed to create the X-generation of scientists and visionaries in India. With her ever exuberant panache, Dr. SrimathyKesan addressed the gathering and motivated the students to reach to the stars. College Director, Mr. ShashiSekar, Principal Dr. V SeshagiriRao,

Dean Research, Dr. ParvathaVarthini and Heads of various Departments took part in the event.

With an outstanding 400 school pupil turnout, the event was a grand success. Competitions such as JAM (Just a Minute- Extempore), Poster Presentation, Project Expo, Quiz and Connections were conducted and prizes were distributed. In each around 75 to 100 pupils participated.

These students were assisted by their mentors and volunteers showcased their enthusiasm with great fervor. For them it was an excellent exposure into the realm of their immediate higher educational pursuits. The initiative was welcomed with an overwhelming response by the rural and urban schools as well.

Winners list

Name of the Event	I PRIZE: Rs.3000/-		II PRIZE: Rs.2000/-		III PRIZE: Rs.1000/-	
	Name of Students	*School*	*Name of Students*	*School*	*Name of Students*	*School*
CONNECTIONS	K.B.Sabdhayini Nandita D Gokula Krishnan S Navin V	Sacred Heart Convent AI Hr. Sec . School	Pankaj S Mohamed Ibrahim M Jonathan R S Yuvan Shankar	Anita Methodist School	Anada Raja Sudharshan Arithi V	Sri SitaramVidhyalayaHr.Sec. School
TECHINAL QUIZ	Mithra M SindhanaiSelvi S AmirdhaVarshini A	Prince SrivariVidhyalaya	Pankaj S Mohamed Ibrahim M Jonathan R S Yuvan Shankar SubikSubash	Anita Methodist School	Tarun Krishna A Hariharan S Charan Sharma B M Dharshan Kumar	Sri SitaramVidhyalayaHr.Sec. School
JAM	K.B.Sabdhayini Nandita D S K Ramya	Sacred Heart Convent AI Hr. Sec . School	BhuvaneshRachaputi Jithindas S ArnavChaturdevi Anirudh Singh	Atomic Energy Central School	A Suresh A Mosses Joshuva	Dr.AmbedkarGovt.Hr.Sec School
POSTER MAKING	Yuvan Shankar S SubikSubash John Thomas M Hsrithashree S	Anita Methodist School	Sahana R AseeneSulthana M Suriya B Siddhi Saxena	Atomic Energy Central School	U Kowser M Amjath J Sweetha V Varsha	Govt. Hr.Sec. School, Semmencherry
	I PRIZERs.5000/-		**II PRIZE: Rs.3000/-**		**III PRIZE: Rs.3000/-**	
Name of the Event	Name of Students	School	Name of Students	School	Name of Students	School
PROJECT EXPO	Franklin Joshua S MahamedBalal Ansari Akash B Samuel Johnson A	Madras Christian College School	S Raghunathan R Sritharaneshwaran	GovtHr. Sec School MGR Nagar	(A)S HAriharan S Abdul Rahman S Balachandar S UdhayaSankar S Bharathraj (B)AnirudhMurale Adash	(A)Sri VenkateshwaraMat. Hr.Sec School (B)Sai Ram Vidyalaya

St.Joseph's Defence Officers 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 have 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 SERVICES 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 form 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- IExamination 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 Examination- 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) 2016-2019conducted by Tamil Nadu Public Service Commission, Tamilnadu.

Combined Engineering Services (CES) Examinations

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

செயிண்ட் ஜோசப்ஸ் கல்விக் குழுமம் தமிழ் மன்றம்

பட்டிமன்றம் அறிக்கை- 2020

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 கொடுத்துவாழ்வது

ஆண்களே! பெண்களே!

என்ற தலைப்பில் பட்டிமன்றம் நடைபெற்றது.

கல்லூரித் தலைவர் டாக்டர்.B.பாபுமனோகரன், நிர்வாக இயக்குனர் திருமதி S. ஜெஸ்ஸி ப்ரியா, இயக்குனர் திரு B.சசி சேகர், முதல்வர் டாக்டர். வட்டி சேஷகிரி ராவ் மற்றும் டாக்டர்.P.ரவிச்சந்திரன் ஆகியோர் முன்னிலையில் நடைபெற்ற இந்த பட்டிமன்றத்தில் **புலவர். திரு. எம். இராமலங்கம்** நடுவராக பொறுப்பேற்று **"இல்லற 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.ஸ்ரீதர்ஷிணி (I CSE-C) ஆகியோரும்,

பெண்களே! என்ற அணியில் மாணவர்கள் தி.அபிநயா ஸ்ரீ (I EEE-A), பூ. பூஜலோஷினி (I CSE-B), காட்சன். சு.வி.நோபிள் (I EEE-A), ஜா.ஆன்டோ மெல்வின் (I IT-A), அ.ஸ்ருதி (I ECE-C) ஆகியோரும் பங்கேற்று வாதிட்டு அனைவரது பாராட்டுக்களையும் பெற்றனர். இப்பட்டிமன்றத்தில் பங்குபெற்று வாதாடிய மாணவர்கள் அனைவரும் முதலாம் ஆண்டு மாணவர்கள் என்பதை மகிழ்ச்சியுடன் தெரிவித்துக் கொள்கிறோம்.

தம் வாத திறமைகளை திறம் பட வெளிபடுத்தியதால் இரு அணிகளுக்கும், கல்லூரித் தலைவர் அவர்கள் ரொக்கப் பரிசாக தலா ரூபாய் 2000 அளித்து பாராட்டினார். பங்கேற்ற அனைவருக்கும் பங்கேற்பு சான்றிதழ் வழங்கப்பட்டது.

Value Added Courses:

Our college is always one-step ahead in motivating and shaping up our students towards their career development. Our institution has signed Memorandum of Understanding (MoU) with many leading organizations to organize value added courses to students, to take up specialized courses, which are currently being used in the industries. In this aspect, we are conducting value added courses, which are courses beyond their curriculum, designed to enhance the knowledge of the students in their core fields and specialize themselves in the latest technologies pertaining to their chosen field of studies.

Value Added 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., these value added courses are made mandatory for all the students in the fourth and sixth semester.

It will be a - 54 hour (6 days)program, for which the students will be charged nominally based on the course opted for. These students are divided into batches of 30 for better learning.

In our department students are benefited and the details are given below.

Second Year:

All second year students undergone C/C++ course was provided by **Eye open Technologies/Stigmata Techno Solutions/ Digiterati /Silican Software Services**

❖ *Around 200 students are benefited by the course. This course was structured as 7 days module which contains classroom session as well as practical session. This course was conducted between 16 July and 22 July 2019 at computer center.*

Course Objective – C/C++
To facilitate the fundamentals of structured and Object Oriented programming concepts and to enhance the programming aspects in C/C++.

The outcome of this course is to enable the students to
- Identify the usage of complex data types to solve scientific and real world problems.
- Identify the major elements in an object-oriented programming language.
- Implement operator overloading.
- Select the proper class protection mechanism.
- Derive classes using inheritance in C++.
- Demonstrate the use of virtual functions to implement polymorphism.
- Write programs utilizing the I/O classes in C++.
- Understand some advanced features of C++ including templates, exceptions, and multiple inheritance.

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

❖ *Around 36 **students** attended Carreer Guidance Program. This 3 days program was conducted at R and D center between 02-03-20 to 04-03-20, which was conducted by Pragmatic Engineering in collaboration with ISA students Chapter.*

Third Year:

For all third year students, we organized various value added course in different domains. Based on the interest of the students we conducted various courses with hands on training.
We also made them to go with a mini project module.

Sl No	Name of the Course	Year	Name of the Company	Date Conducted	No of Students Attended	Course Objective
1.	Intelligent Instrumentation and Automation	III YEAR	Vipra Engineers and Projects	20-06-2019 to 22-06-2019	55	To learn about intelligent instrumentation to address industrial automation using PLC and DCS
2.	Supervised Machine Learning For Image Classification		Intellectz Tech For All	20-06-2019 to 22-06-2019	48	To Learn Matlab programming and implementation to Image processing based application.
3.	Internet Of Things Using Nodemcu		Gemicates Technologies Pvt Ltd	20-06-2019 to 22-06-2019	57	To improve the employability skills of Electronics and Instrumentation Engineers by giving Industrial hands on training in latest open source hardware and software development tools.
4.	Robotics Using AVR Controller		Lema Labs Technologies Pvt Ltd	24-06-2019 to 26-06-2019	62	To learn specialized hardware and the integration of various modules of robotics and programming
5.	Internet of Things using Raspberry Pi		Gemicates Technologies Pvt Ltd	24-06-2019 to 26-06-2019	57	To improve the employability skills of Electronics and Instrumentation Engineers by giving Industrial hands on training in latest open source hardware and software development tools.
6.	Factory Automation		CDCE Equinox Automation	24-06-2019 to 26-06-2019	45	To learn about recent trends in Factory automation with hands on training to address Instrumentation problems using PLC and DCS

Best Outgoing Student Award Function:

Success is not the destination that we reach. Success is the quality of our journey. The quality of the journey depends upon the goals we set and the mentors we choose. The quality of the mentor lies in appreciating even the smallest effort as appreciation is the only tool which enables us to build the impossible.

The quality is based on below said criteria.

S. No	CRITERIA		MS. G VAISHNAVI
1	CGPA	-	8.30
2	Attendance	-	98%
3	Placement/ Higher studies	-	Zoom RX, TCS Digital
4	Laurels to dept./college	-	Member of College Orientation team English club Quiz club.
5	Extracurricular Activities & Co-curricular Activities	-	• Presented 2 papers in IEEE International Conferences • Office bearer for ISA - Student Secretary (June 2018- 2019 term) • Organize many ISA and Dept. club activities • Activity Participated and volunteered Department Symposium • Participated many symposiums and cultural competitions and won prizes • One of the finalist in SIH 2019 (software edition)
6	Organized Activities	-	• Event manager for first year • Orientation program for 3 years
7	Communication Abilities	-	Commendable
8	Undergone any Disciplinary Proceedings	-	No
9	Dress Code	-	Maintained gracefully
10	Final year project quality	-	Good

St. Joseph's recognizes the dedication by awarding the students with "The Best Outgoing Student Award'. The students from various departments were selected as best outgoing students by the faculty members of the respective department. The faculty members select the best student by above said criteria. The student who gets the highest number of points would be awarded the best student award for the year. The best outgoing boy and girl were felicitated by our*Chairman, **Dr.B.Babu Manoharan** with a shield and certificate.

The following table shows the names of students from various departments selected as best outgoing student, BOY or GIRL

DEPT.	NAME OF THE STUDENT
CSE	Mr. S. Yogeswaran
ECE	Mr. T K Balaji
EEE	Mr. S J Sudharshan
IT	Mr. P Yoganathan
CHEM	Ms. S Vedhalakshmi
ICE	Ms. K Srivalli
EIE	**Ms. G Vaishnavi**
MECH	Mr. M G Sriman Bharadwaj
CIVIL	Mr. S Sudarsan
BIO	Ms. A Hamsa Vaauhini
MBA	Ms. S Sneha

NIMBUS

ACHIEVERS DAY 2020

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 30. 04. 2020. The students who won various competitions have been invited. The invitees were

- 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 Hounoured	Total Amount Distributed
2708	Rs. 11.13 Lakhs

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

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

Overall Sports Achievements: 2019-2020

Anna University & Open Tournaments Team Games Achievements 2019-2020.

SPORTS MEN			
NAME OF THE TOURNAMENT	**POSITION**	**NAME OF THE TOURNAMENT**	**POSITION**
Ball Badminton		**Volleyball**	
Anna University Zone III	Winners	Anna University Zone III	Winners
Anna University Inter-Zone	Winners	Anna University Inter-Zone	Runners
CIT Parthasarathy Memorial Trophy-2020	Winners	CIT Parthasarathy Memorial Trophy-2020	3rd Place
Thiruvarur B Grade Ball Badminton Tournament 'A' Team	Runner	SVCE Trophy 2020	Runners
Thiruvarur B Grade Ball Badminton Tournament 'B' Team	Fourth	6th Thanthai Periyar State Volleyball Invitation Tournament 2020.	Winners
11th St. Joseph's All India Ball Badminton Tournament	Joined Winners	Seethaiyammal Memorial Volleyball Tournament 2020.	3rd Place
Basketball		**Kabaddi**	
Anna University Zone III	Winners	Anna University Zone III	Runners
Anna University Inter-Zone	Runners	D G Vaishnava Trophy 2020	Winners
CIT Parthasarathy Memorial Trophy-2020	Winners	**Hockey**	
SVCE Trophy 2020	Winners	Anna University Zone III	Winners
D G Vaishnava Trophy 2020	Runners	Anna University Inter-Zone	Runner
Football		Kanchipuram Hockey League 2019-20	Winners
Anna University Zone III	Runners	Chengalpattu District C M Trophy 2020	Winners

NAME	BRANCH	TOURNAMENTS	EVENT/ CATEGORY	MEDAL
Weight Lifting				
N Kiran	II-EIE	Anna University Inter Zone	81KG	Silver Medal
R M Senthil Rajan	I-ME	Anna University Inter Zone	109+KG	Silver Medal
Power Lifting				
B Bharanidharan	IV-CSE	Anna University Inter Zone	93KG	Gold Medal
Taekwondo				
K Nithish Kumar	II-MECH	Anna University Inter Zone	80KG	Silver Medal
Aquatic				
C S B Prithiv Raj	IV-CIVIL	Anna University Inter Zone	50mts Butter Fly	Silver Medal
			100mts Butter Fly	Silver Medal
		Khelo India Youth	50mts Butter Fly	Silver Medal

NIMBUS

			Games	
S Siva Santhosh	II-Bio-Tech	Anna University Inter Zone	50mts Back Stork	Silver Medal
			100mts Back Stork	Gold Medal
			200mts Back Stork	Gold Medal
R Haritha	III-Chemical	Anna University Inter Zone	50mts Back Stork	Bronze Medal
			100mts Back Stork	Bronze Medal
			200mts Back Stork	Silver Medal
Car Race				
U S B Nirmal	II-MECH	JK Tyre FMSCI National Karting Championship 2019,Bangalore	Round-1	Gold Medal
			Round-2	Gold Medal
			Round-3	Gold Medal
			Round-4	Silver Medal
			Round-5	Silver Medal
		MRF MMSC FMSCI National Racing Championship 2019,Chennai	Round-1	Silver Medal
			Round-3	Silver Medal
		JK Tyre FMSCI National Karting Championship 2019,Bangalore (Senior Gategory)	Overall National Champion	

SPORTSWOMEN			
Name Of The Tournament	**Position**	**Name Of The Tournament**	**Position**
Volleyball		**Chess**	
YMCA Trophy 2019	3rd Place	Anna University Zone III	Winners
Anna University Zone III	Winners	Anna University Inter-Zone	Runners
Anna University Inter-Zone	Runners	Mop Vaspo 2019-2020	Winners
TN State Level Volleyball Tournament 2019	3rd Place	D G Vaishnava Trophy 2020	3rd Place
Cm Trophy District Level Tournament-2020	3rd Place	**Ball Badminton**	
Mop Vaspo 2019-2020	3rd Place	Anna University Zone III	Winners
Badminton		Anna University Inter Zone 2020	3rd Place
Anna University Zone III	Winners	**Basketball**	
Anna University Inter-Zone	Winners	SVCE Rolling Trophy 2019	Winners
Mop Vaspo 2019-2020	Winners	Anna University Zone III	Winners
D G Vaishnava Trophy 2020	Winners		

NAME	**TOURNAMENTS**	**BRANCH**	**EVENT/ CATEGORY**	**MEDAL**
Weight Lifting				
S Kavya	Anna University Inter Zone	IV - EIE	59KG	Gold Medal
D Agaliya	Anna University Inter Zone	IV - EIE	87+KG	Gold Medal

Anna University Zone III

	ATHLETICS MEN				
S.NO	**NAME**	**YR**	**DEPT**	**EVENT**	**MEDAL**
1	B.Agathiyan	III	MBA-IC	400Mts H	Silver
2	R.Dhinesh	III	MBA-IC	800mts 1500mts	Gold Silver
3	Sean Jacob.M	III	EIE	Decathlon Pole vault	Gold Silver
4	Ganesh R C	II	ECE	200mts 400mts	Gold Gold
5	Maniraj S	II	MECH	Triple Jump Decathlon	Gold Silver
6	Mahalingam G	II	MECH	5000Mts 10000 Mts	Silver Gold
7	Guru Prasath S	II	EEE	Hemmer Throw	Gold
8	Clinton Antony R	II	EIE	Shot put	Gold
9	Antony Micheal Vinnarson I	II	MBA-IC	Javelin Throw Triple Jump	Gold Silver
10	Balaji A	II	MBA-IC	Long Jump	Silver
11	Bhavan Pradhickshan L M	II	MBA-IC	---	---
12	Chandra Mohan K	II	MBA-IC	High Jump	Gold
13	Hemanth Babu R	II	MBA-IC	100mts Long Jump	Gold Bronze
14	Ravi Shankar V	II	MBA-IC	110Mts H	Silver
15	Ravi Varman V	II	MBA-IC	110Mts H 100mts	Gold Silver
16	Jagadeeshwar R	II	MBA-IC	400Mts H	Gold
17	Viknesh P	I	EIE	800mts 1500mts	Bronze Gold
18	Sakthi Kishore V	I	CIVIL	Discus Throw Hemmer Throw	Bronze Silver
19	Sutheesh Raj M	I	MBA-IC	21km Half Marathon	Gold
20	Anand M	III	MECH	Discus Throw	Gold
21	Balasubramaniam Ganapandithan	III	MECH	200mts 400Mts	Silver Bronze

4*100mts Relay --Gold
4*400mts Relay --Gold

Anna University Zone III Athletics Meet 2019-2020
Over All Championship for Men
★ ★ ★

Anna University Zone III

S.NO	NAME	YR	DEPT	EVENT	MEDAL
ATHLETICS WOMEN				

ATHLETICS WOMEN

S.NO	NAME	YR	DEPT	EVENT	MEDAL
1	Pavithra P	IV	ECE	800Mts	Silver
2	S.Renugaganthi	III	MBA-IC	100Mts 200Mts	Gold Gold
3	S.V.Pratheebassri	III	CIVIL	Javelin Throw	Gold
4	V.Mahalakshmi	III	ECE	Hemmer Throw Discus Throw	Gold Silver
5	Janani Shwetha M	II	MBA-IC	Pole vault 400mts H	Gold Bronze
6	Mahalakshmi J	II	MBA-IC	Long Jump Heptathlon	Silver Silver
7	Nisha K	II	MBA-IC	400mts 400mts H	Gold Silver
8	Prasanna Devika M	II	MBA-IC	Heptathlon High Jump	Gold Silver
9	Haritha G	II	MBA-IC	100Mts Triple Jump	Bronze Silver
10	Mukunthasri R	I	EEE	Shot put Javelin Throw	Silver Bronze
11	Shamni Gayathri D	I	ECE	Shot put Hemmer Throw	Gold Silver
12	Sneka S	I	MBA-IC	1500Mts 5000Mts	Silver Silver
13	Sathiyavani V	I	MBA-IC	5km walk	Gold
14	Priya R	I	MBA-IC	800Mts 400mts	Gold Silver
15	Nivetha D	I	MBA-IC	Long Jump Triple Jump	Gold Gold
16	Sneka R	I	MBA-IC	400mts H 200Mts	Gold Silver
17	Kanishka P	I	MBA-IC	Half marathon 10000mts	Gold Gold
18	Yazhini yadhumai C K	I	CSE	1500Mts	Bronze

4*100mts Relay --Gold
4*400mts Relay --Gold

Anna University Zone III AthleticsMeet 2019-2020
Over All Championship for **Women**
★ ★ ★

Anna University Inter Zone

S.NO	NAME	YR	DEPT	EVENT	MEDAL
	ATHLETICS MEN				
1	Balaji A	II	MBA-IC	Long Jump	Gold
2	R.Dhinesh	III	MBA-IC	800mts	Gold
3	Sean Jacob.M	III	EIE	Decathlon Pole vault	Gold Gold
4	Maniraj S	II	MECH	Triple Jump Decathlon	Gold Silver
5	Antony Micheal Vinnarson I	II	MBA-IC	Javelin Throw Triple Jump	Gold Silver
6	Hemanth Babu R	II	MBA-IC	100mts	Silver
7	Ganesh R C	II	ECE	200mts 400mts	Silver Silver
8	Guru Prasath S	II	EEE	Hemmer Throw	Bronze
9	Clinton Antony R	II	EIE	Shot put	Bronze

4*100mts Relay --Silver
4*400mts Relay -- Silver

Anna University Inter Zone Athletics Meet 2019-2020
Over All Championship for Men
★ ★ ★

S.NO	NAME	YR	DEPT	EVENT	MEDAL
	ATHLETICS WOMEN				
1	S.Renugaganthi	III	MBA-IC	100Mts 200Mts	Gold Gold
2	V.Mahalakshmi	III	ECE	Hemmer Throw	Gold
3	Janani Shwetha M	II	MBA-IC	Pole vault	Gold
4	Shamni Gayathri D	I	ECE	Shot put	Gold
5	Sneka R	I	MBA-IC	400mts H 200Mts	Gold Silver
6	Nivetha D	I	MBA-IC	Triple Jump Long Jump	Gold Bronze
7	Mukunthasri R	I	EEE	Shot put	Silver
8	Priya R	I	MBA-IC	800Mts 400mts	Silver Silver
9	Mahalakshmi J	II	MBA-IC	Heptathlon	Silver
10	Nisha K	II	MBA-IC	400mts H	Silver
11	Sathiyavani V	I	MBA-IC	5km walk	Bronze
12	Prasanna Devika M	II	MBA-IC	Heptathlon	Bronze
13	S.V.Pratheebassri	III	CIVIL	Javelin Throw	Bronze

4*100mts Relay --Gold
4*400mts Relay --Silver

Anna University Inter Zone AthleticsMeet 2019-2020
Over All Championship for Women
★　　★　　★

ANNA UNIVERSITY BLUES 2019-2020

NAME OF THE STUDENT	BRANCH	GAME	NAME OF THE STUDENT	BRANCH	GAME
R.Hemanth Babu	II-MBA-IC	ATHLETICS	Karri Nukesh Varma	I-MBA-IC	BALL BADMINTON
R.C.Ganesh	II-ECE		R.S.Ganesh Kumar	III-EEE	
S.Renuga Ghandhi	III-MBA-IC		C Dinesh Kumar	III-MECH	
R Priya	I-MBA-IC		K K Ragul Kumar	IV-MECH	
D Nivetha	I-MBA-IC		T V Sivanesh	IV-EEE	BASKETBALL
S.Akshaya	III-CSE	BADMINTON	Dalavi Saurabh Namdev	IV-EIE	
R Angelin Varsha Roy	I-IT		S Aldo Rono	III-CSE	
K.Balachandar	III-EIE	VOLLEYBALL	I Sahaya Fafin	III-MECH	
C.Guru	I-MBA-R		C.S.B.Prithivi Raj	IV-CIVIL	SWIMMING
V.Selva Vinayagam	III-MBA-IC		D Gowthami	I-MBA-R	KABADDI
S Sugunan	I-MBA-R		B Bharanidharan	IV-CSE	POWER LIFTING
K Yuvaraj	I-IT		P.Shanmugam	IV-EIE	HOCKEY
V.Subramanian	II-MBA-R		A.Vallarasu	III-EIE	
A Violin Velankanni	III-MBA-IC		X.Sibi David	II-MBA-R	
R.Ateena	II-MBA-R		N Saran Bose	III-EIE	
R.Nirmala	III-EIE		B Jegatha	III-ECE	CHESS
R.Vennila Arasi	III-MBA-IC		B Swarna Mala	III-EIE	
S.Anisha	III-ECE				

College Day and Cultural Competition

II, III & IV YEAR COLLEGE DAY (2019-2020)

The most awaited aura of the year filled with enthusiasm and passion to triumph was all set in the month of March. Enlightening this year with the **College Day '20 Eve**, the 15th**of February 2020**, a one-day fun packed mega cultural extravaganza kindled the joy of the students. A well unified amalgamation of 12 talent hunting events such as quiz, scrap art, light music, etc., were piled up. Students with their stupendous skills exhibited their talent with zeal and dynamism and the well-deserved was embraced with cash reward of **Rs. 1000/-, Rs. 600/-, Rs. 400/-** for the first, second and the third positions respectively.

The following students won prizes in these events:

S.No	EVENT	I PRIZE	II PRIZE	III PRIZE
1.	**Light Music**	Gomathi Lakshmi R – III IT A	Arjun Prashanth N - III ECE A	Varshini S – IIIICE
2.	**Creative Writing(Eng)**	Manju Meena V –II BIO	**Anukirthika T. S - III EIEA**	Akash Shankar -II MECH A
3.	**Creative Writing(Tamil)**	Hema Latha K. S – IIIEEE B	Sriram S – II MECH C	Eneeyan N – IV IT B
4.	**Drawing (Pencil)**	Arvind G. K – II EEE A	Monika C –III EEE B	Keerthanaa A –III ICE
5.	**Oratorical (English)**	Monika C – *III EEE B*	Akash Shankar II MECH A	Vijay A – *III CSE C*
6.	**Oratorical (Tamil)**	Eneeyan N –- IV IT B	Jim David.W – III EEE B	Arvind G. K – II EEE A
7.	**Quiz**	Sri Hari S -III EEE C Saravanan P- - III EEE C	Viswanath G. K –III MECH C Sai Ganesh R -III MECH C	Sri Ram S–II MECH C Riyan Fernando I -II MECH C
8.	**Rangoli**	Alex Albert – II BIO Kishore S – II BIO	Arvind GK–II EEE A Bavithra Rajan S - II EEE A	**Thaiyal Nayaki A. L - III EIE C Sneha S - III EIE C**
9.	**Collage**	Jennifer Dania T – III EEE B Monika C – III EEE B	Chamundeswari P T - II BIO Manju Meena V –II BIO	Priyadharshini P – III EEE C Purnima Mangalya T – III EEE C
10.	**Dumb C**	Erica Bridget Joseph – II ICE Varshini S .– III ICE	Sherine Angel P – II CSE C Risible Breeze F – II CSE C	Anuvarsha P –III BIO Illakia R – III BIO
11.	**Scrap Art**	Monika.C - III EEE B Jothika.A -III EEE B	Kaviya M – III ICE Kasthuri P - III ICE	Nithisha Karen P – II BIO

S.No	EVENT	I PRIZE	II PRIZE	III PRIZE
				Jananie T – II BIO
12.	**PattukuPattu**	Gowtham M – III CIVIL Hareesh D – III CIVIL	Nizamudeen P M K – III MECH B Hemanth Prakash G – IIIMECH B	Prem Kumar M –II CIVIL Ashiq Ahmed S – II CIVIL

The day, **15th of February2020**eye witnessed the most awaited day of the year – the **'College Day'**. It is a platform to put on display the cultural dexterity and to nourish the spirit with the splendiferous palette of multi-flavored events!! This event was made even more startling by the Orchestra team of our college. Students of all departments exhibited their assorted talents and best of the show were rewarded. A huge amount of **Rs. 40,000**/- was distributed to the best dances, best variety shows, and innovative entertainments, such that each deserving team received a prize money of **Rs. 4000**/-. The winners of the cultural events were honored with cash prizes, which were distributed by the Judges.

"Best Events of the College Day"

S. NO.	*EVENT NAME*	*TEAM LEADER*	*DEPARTMENT*	*PRIZE AMOUNT*
1.	**Girls Dance**	Ms. Madumitha	CSE	4000
2.	**Girls Dance**	Ms. Madhubala	BIO	4000
3.	**Girls Dance**	Ms. Abirami.V.G	ECE	4000
4.	**Boys Miming**	Mr. Muthiah.GK	ICE	4000
5.	**Boys Dance**	Mr. Devendiran.S	EEE	4000
6.	**Girls Dance**	Mr. Karthika	IT	4000
7.	**Boys Dance**	Mr. Vijay.C	CIVIL	4000
8.	**Girls Dance**	**Ms. Thivyalakshmi.G.R**	**EIE**	**4000**
9.	**Boys Dance**	Mr. Moneeshwar S M	MBA	4000
10.	**Boys Dance**	Mr. Joel Philip Dany	MECH	4000
11.	**Girls Dance**	Ms. Abinaya	IT	2000
12.	**Boys Dance**	Mr. Imthiaz Ahmed	MECH	2000

The winners of the cultural events which were conducted on the previousdaywere honored with cash prizes and certificates, which were distributed by the college ChairmanDr. B.Babu Manoharan, PrincipalDr.Vaddi Seshagiri Rao and Dean ResearchDr. B. Parvathavarthini.

SPECIAL OCCASIONS

IFDHAR Our College celebrated Ramzan on **12thMay 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 items 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 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 **5thSeptember 2019**with great spirituality anddelight. All Malayali students participated with enthusiasm on this special occasion. Our Beloved Chairman &Managing Director 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 aviyal, erussery, pulissery, nenthram pazham and different types of payasam.

TEACHERS DAY Our College celebrated the Teachers day as a special occasion from **August26th to Sep 5th 2019**. The students entertained their respective department's faulty 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 **2ndSeptember2019**, 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**5thOctober 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 papersfollowed by a pooja in the presence of Chairman & Managing Director'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 Thefestival 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 October2019.** 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 December2019** 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 **10ᵗʰDecember 2019**by decorating the holy steps of Ayyappa with flowers and silk clothes and lighting traditional lamp. The Chairman &Managing Director, 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, andfamilies getting united. The Christmas celebrations took place in the college campus on **20ᵗʰDecember 2019**. On Christmas day, a special mass was conducted in the college chapel. The celebrations included a rythmic 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 celebration 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 in St. Joseph's College of Engineering. This wonderful day was celebrated in the college on **15ᵗʰFebruary 2020**with lots of events conducted for both boys and girls. The hostel was 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& Managing Director. Matches and other events were conducted 3 days prior to hostel day. Special dinner and snacks was provided to the hostilities.

UGADI Our college celebrated Ugadi on **25ᵗʰMarch 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 fanaticism 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 staffs and students of our college.

EASTER Our College celebrated Easter on **13ᵗʰApril 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 College 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.

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION
DEPARTMENT TOPPER'S IN ANNA UNIVERSITY, MAY-2020

◀ UG - B.E, [EIE] ▶
IV-YEAR   2016-2020   (PASSED OUT)

Kowsalya N
CGPA: 8.99
D/O:
Mr. Nandhakumar R
Mrs. Ramalakshmi N

Jasmine Chalcedony C
CGPA: 8.93
D/O:
Mr. Charles Prabhakaran W
Mrs. Michael Amutha S

III-YEAR   2017-2021   (PRESENT 4th YEAR)

Sandhya M
CGPA: 9.18
D/O:
Mr. Muralidharan V
Mrs. Vijayalakshmi M

Dellecta Jessy Rashmi Ramesh R
CGPA: 9.18
D/O:
Mr. Soosai Ramesh
Mrs. Reagul Elizabeth

Thejasree K
CGPA: 9.00
D/O:
Mr. Babu K S
Mrs. Renuka K

II-YEAR   2018-2022   (PRESENT 3th YEAR)

Pourna Devi AK
CGPA: 8.92
D/O:
Mr. A.K.Malaisamy
Dr. K. Anbumalar

Pavithra T
CGPA: 8.56
D/O:
Mr. Thirunavukkarasu G
Mrs. Lakshmi R

I-YEAR   2019-2023   (PRESENT 2th YEAR)

Shankar Guru J
CGPA: 9.50
S/O:
Mr. Jawahar L
Mrs. Valli J

Senthil Raghavan KK
CGPA: 9.22
S/O:
Mr. Karthikeyan VK
Mrs. Revathi K

◀ PG - M.E, [C&I] ▶
II-YEAR   2018-2020   (PASSED OUT)

Pravalika H
CGPA: 8.93
D/O:
Mr. Hari babu S
Mrs. Prathima H

Hepziba Lizzie S
CGPA: 8.79
D/O:
Mr. Sagayaraj B
Mrs. Amali Josephine Rani S

St. JOSEPH'S COLLEGE OF ENGINEERING

St. JOSEPH'S COLLEGE OF ENGINEERING

ANNA UNIVERSITY RANK HOLDERS
MAY 2019