



You Choose, We Do it

St. Joseph's College of Engineering

(An Autonomous Institution)

St. Joseph's Group of Institutions

OMR, Chennai-119



2021 Rank: 183
(Engg. Category)

Volume 23



DEPARTMENT OF MECHANICAL ENGINEERING

Departmental Activities

from 1st June 2020 to 31st May 2021

MESSAGES

Message from the Chairman

Dr. B. BABU MANOHARAN M.A., M.B.A., Ph.D.

The Department of Mechanical Engineering, since its birth in our College has grown into a colossal tree whose branches is spreading all over. This can be visualized through their magazine JETSPARK. I congratulate the department on the release of this issue of JETSPARK and wish the department success.

Message from the Managing Director

Mrs. S. JESSIE PRIYA M.COM.,

I extend my best wishes to the Department of Mechanical Engineering in bringing out the next volume of JETSPARK. We are sure they are sure-footed and adept at searching out obscure information and expressing their innovative ideas to the student and staff community.

Message from the Director

Mr.B.SHASHI SEKAR M.SC.,

I extend my best wishes to the department of mechanical engineering in bringing out the next issue of JETSPARK. I am sure they are sure-footed and adept at searching out obscure information's and expressing their innovative ideas to the student and staff community.

Message from the Principal

Dr. VADDI SESHAGIRI RAO M.E.,M.B.A.,PH.D

I am glad to know that the department of mechanical engineering is bringing out the next issue of JET SPARK, the in-house magazine. I am sure that the standard of publication would be in conformance to the exacting standards already established by the editorial board. I wish the department success in all their future endeavors.

From the Editor's Desk...

Dear Reader,

Yearly magazine the "JETSPARK-2021" is ready to entertain and enlighten the readers. It has articles of general nature and scientific articles throwing light on latest technical developments. The magazine also contains in brief, selective pictorial representation of the spectrum of co-curricular and extra-curricular activities of our students. These also show their ability to tune physical skills and achieve competence in sports and games.

EDITORIAL BOARD:

EDITORIAL ADVISORS

Dr. S. Arivazhagan

Head of the Department (Lab Affairs)

Dr. N. Arunkumar

Head of the Department (Students' affairs)

FACULTY MEMBER

Mr. K. Muninathan

Mr. V. Ashok Kumar

COVER PAGE DESIGN

Mr. A. Ruskín Bruce

**ANNA UNIVERSITY RANK HOLDERS
DEPARTMENT OF MECHANICAL**

B.E-MECHANICAL: BATCH 2016-2020



Mr. SRIMAN BHARADWAJ M G

GOLD MEDAL

S/O Mr. M.M. GURUMOORTHY
Mrs. M G LAKSHMI

CGPA: 9.38 RANK: 1

CASH PRIZE OF RS. 50,000



Mr. SHANMUGANAND S

S/o Mr. S. SELVAM
Mrs. S.KAMAKSHI

CGPA: 8.90 RANK: 19

CASH PRIZE OF RS. 25,000



Mr. RAVIRAJ E

S/O Mr. K. M. ELANGO VAN
Mrs. R. POONGOTHAI

CGPA: 8.86 RANK: 22

CASH PRIZE OF RS. 25,000

DEPARTMENT VISION

“To become a center of excellence in Mechanical Engineering, producing competent engineers, who are innovative, entrepreneurial and skilled to meet the global challenges”



DEPARTMENT MISSION

EXCELLENCE:

To offer state-of-art education in Mechanical Engineering, by providing opportunity to students to enhance their knowledge base and develop core



RESEARCH:

Build a research capability that is recognized nationally and internationally as a leading source of technological innovation and explore core research.



PROFESSIONAL INTEGRITY:

To create opportunities and train students to build leadership qualities blended with entrepreneurial mindset and lead an ethical and environmentally



23RD GRADUATION DAY REPORT

The 23rd Graduation Day was presided over by Dr. B. Babu Manoharan, Chairman, Mrs. S. 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 an ostentatious total of **44 ranks with 2 Gold and 2 Silver Medals** in popular branches for the **15th** consecutive year in Anna University Examinations held in **May 2020**.

All the Rank holders were appreciated and applauded with Cash Prizes and Shields worth of **Rs. 14 lakhs** including **Rs. 50,000/-** each for **Gold Medal**, **Rs. 25,000/-** each for all other Rank Holders and shields. The total prize money worth up to **Rs. 14 lakhs** was distributed to the graduands on this astonishing occasion.

PLACEMENT DETAILS

Among the **1546** students who received their degree, **1294** of them are placed **through campus interviews**, **139** of them got selected **through off-campus** and **85** of them have chosen to be **entrepreneurs**. The students are recruited by many leading organizations such as 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, and so on with an **average CTC of 3.2 lakhs to Rs 12 lakhs**

HIGHER STUDIES

66 Students are pursuing their higher studies at various Universities in India and abroad. Students have got admission into top ranking Universities like University of Manchester, RMIT University, John Hopkins University, University of California, Arizona State University, North Carolina State University, National University of Singapore, Illinois Institute of Technology, NJIT, University of Texas, University of Windsor, Northeastern University, IITs, IIMs, NITs, and so on through our **Advisory Bureau for Higher Studies (ABHS)**.

CO-CURRICULAR ACTIVITIES

- ❖ Ms. Alamu Ramasamy, Ms. Ashwanthika U, and Ms. Aswitha R from the Department of CSE won 13th place in the event organized by **Nokia – Chennai Technology Day 2017, “Connecting the Unconnected”**.
- ❖ Ms. Nila R, Ms. Nivethitha. T, and Mr. Murali Krishna. T the Department of CSE won the 5th place in the event **“Unfolding the Interface for Visual and Hearing Impaired”, Smart India Hackathon 2018**
- ❖ Ms. V. Yoma Mohan, Ms. Vardhini A, Ms. Subiha T, Ms. Shalini Snega J, Ms. Subhiksha B, Ms. Ludy Mary Sherin.S from the Department of Information Technology submitted the project entitled **Integrated App for Disaster Management** at Sri Krishna College of Engineering and Technology, Coimbatore.
- ❖ Mr. K. Jagajeet (TL), Mr. S. Gokul Krishnan, Mr. Koushik, Mr. M. Hari Bharath, Mr. Harshavardhan, and Mr. C.S. Jai Sureya from the Department of CSE, submitted the project entitled **NFIP – National Field Visit Information Portal** for Ministry of Health and Family Welfare at Guru Nanak Institute of Science and Technology, Kolkata.

- ❖ Mr. B. Vaibhav Kiraan, Mr. B. Yukesh Krishna, Mr. M. Vijay, Mr. S. Santhosh Kumar, Mr. Vishnu Varathan and Mr. Sreeram Balamurgan from the Department of CSE, submitted the project entitled Smart Logistics for Commerce to the **Ministry of Commerce & Industry** at L.N Welingkar Institute of Management, Mumbai.
- ❖ Mr. Suriya Kishore. K. S, Ms. Vaishnavi.G, Ms. Rama Devi.M, Ms. Sakthisri.R, Mr. Thejus Thomson, Mr. Sankara Narayanan.V from the Dept of EIE developed a solution for “**An Automated Person Detection/Tracking System from Surveillance Camera**” conducted by **KLE Technological University, Hubballi, Karnataka**.
- ❖ Mr. Rajiv Chandrasekar, Mr. Sanjay, Mr. S. Sambandha Moorthy, Mr. P. Yashwanth Raj, Mr. S. P. Shyam Sundar, Ms. Sankeerthana.S, from the Department of EIE developed a **Smart Car parking System for Manipal Hospitals** in the event organized by Jaibharath College of Management and Engineering Technology, Cochin, Kerala.
- ❖ Ms. Naveenya A.G, Ms. Jessil Bijou. J, Mr. Praveen. R, Ms. Elakkiya. S, Ms. Rakshana. R, Ms. Malavika. V. Nair from the Dept. of EIE Developed an “**Intelligent Accident Prevention Framework Using Image Processing by Mahindra Company.**” Held at FORGE FACTORY, CT Tech Park, Coimbatore, Tamilnadu.
- ❖ Mr. Nikhil Xavier John from the Department of Information Technology won the **Blue Board in Tamil Nadu Student Innovator Award-Bridge 2017**.
- ❖ Mr. Dinesh Rajan participated in the **Innovators’ Day 2018** India Competition organized by **Manakula Vinagayar Institute of Technology, Puducherry** and won a cash prize of **Rs 10,000**.
- ❖ Mr. S. Varunkumar, Mr. S. M. Jayasurya, Mr. Joshua Ponsam from the Department of ICE participated in Project Design **FUTURA 17** and won a cash prize of **Rs. 25,000**.
- ❖ Ms. Anusha.P, Ms. Lisa Alphina J from the Department of Information Technology participated in **Technology Dissemination Contest** and won a cash prize of **Rs. 15,000**.
- ❖ Mr. Racchinth R and Akash L from the Department of Biotechnology participated in the **International Level Quiz Competition held at Tokyo, Japan** and won **FCQ Elite Superior Award organised by NCRM NICHE 2019**.
- ❖ Ms. E. Shirley Riksy, Ms. Ragamathi. S and Ms. Vidhya from the Department of Biotechnology have Received **Best paper Awards** for their project thesis in the field of **Food Security and Rural Livelihood, Antibacterial Effect of Biopolymer on Paper Coating and Green Synthesis of Biodegradable Food Packaging** in the International Conferences held at Reputed Institutions across Tamilnadu.
- ❖ Ms. Sripiriya, from the Department of ICE made a **Guinness Record for Bharathanatyam in the event BARRADHAM 5000** in the year 2017.
- ❖ Mr. Nabil. R from the Dept. of Biotechnology has received **Best Performer Award for Bharatanatyam - Kathak Fusion Dance at The Music Academy – Mid Year Music and Dance Festival 2019**.

- ❖ Ms. Nivetha Muralishankar from the Department of Biotechnology has undertaken her final semester project at Indian Institute of Science, Bangalore in the field of **Finding Effectiveness of Doxorubusin Drug on Human Cancer Therapy.**
- ❖ Ms. Nishitha Kannan from Biotechnology has undertaken her final semester project at Indian Institute of Madras in the field of developing **Intelligent Food Packaging Using Rose Extract.**
- ❖ Ms. Swathi and Ms. Tharunika from the Dept. of Biotechnology have undertaken her final semester project at **Indian Institute of Kharagpur in the field of Light Induced Release of Anticancer Drug.**
- ❖ Ms. Subasri, Ms. Hendriya Nivedha J, Ms. Shirely Hannah R, Ms. Valli Meena S and Ms. Vijitha K have undertaken their UG level projects at Central Leather Research Institute, Chennai, in the following Innovative Topics such as
 - *Developing Biosensors Using Biological Material from Human hair.*
 - *Production of Nanoparticles from Leather Waste.*
 - *Characterizations of Self-assembled Bovine Serum Albumin*
- ❖ Ms. Koka Venkata Sai Poojitha has undertaken her final semester project at Indian Institute of Chemical Technology, Hyderabad, in the field of **Developing Synthetic Lead Molecules for Central Nervous System Therapy.**
- ❖ Ms. Sandhiya K and Ms. Sharadha have undertaken their final semester project at The King Institute of Preventive Medicine and Research, Chennai, in the field of **Detection of Interleukins from Blood Cells for Detection of Cell Signaling.**

EXTRA CURRICULAR ACTIVITIES

Our students have excelled not only in the field of academics but also in the field of sports. K Ragul Kumar, Manibalan, S Ajay Krishna, C S B Prithviraj, Dalavi Saurabh Namdev, T V Sivanesh, R Balakumar, A Ruban, M Immanuvel, M Gopi, A Ananth, X Sibi David, B Bharanidharan, V Subramanian, R Kugesh, S SakthiMaheshwari, N Suba, R Teena, K Allirani, Aparna Abraham, R Atheena, D Agalya, S Kavya are those who have represented our college in various events at the National and International Levels.

- ❖ **Mr. Anish Kumar** from the **Department of ICE** won **1st place in Hockey C.M Trophy** at the district level sports & games held during **2019 -2020.**
- ❖ **Ms. S. Kavya** and **D. Agaliya** from the **Department of EIE** has achieved **Gold Medal in 59 kg and 87+kg respectively** in the Anna University Inter Zone Tournament.
- ❖ **Mr. Bhuvanesh Kumar A** has Won the **Overall Championship** at the National level **Karate Shuri** competitions held at Mysore.

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

- No of students Appeared : 1596
- No. of students Passed : 1546
- Pass Percentage : 97
- First Class with Distinction : 151
- Passed with First Class : 1395

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

- Total No. of Rank : 1443
- Gold Medals : 62
- Silver Medals : 52
- Other Ranks : 1324

Anna University Ranks for the 15th consecutive year

- Total No. of University Ranks : 44

Awards

- University Rank Awards : Rs. 14 lakhs
- Gold Medal Cash Award (2*50,000) : Rs. 1 lakhs
- Cash Award (42*25,000) : Rs. 10.50 lakhs
- Shields & Medals : Rs. 2.50 lakhs

Placement

- Placement Total No. of Students Placed through :1518
 - Campus Recruitment : 1294
 - Off Campus : 139
 - Self Employed : 85

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

- Abroad : 35
- India : 31

Sports

- International Players : 02
- National Players : 23
- Represented Anna University in All India University Tournaments : 32

BEST OUTGOING STUDENTS

The best outgoing students from various departments were selected based on various traits, achievements or accomplishments like CGPA, attendance, achievements, dress code, quality of the project, active participation in department activities, etc. The best outgoing students of 2016-2020 batch from various departments are as follows:

BEST OUTGOING STUDENTS 2016 - 2020 PASSED OUT BATCH

S. No.	Dept.	Name of the Student	S. No.	Dept.	Name of the Student
1	CSE	Mr. YOGESWARAN S	7	EIE	Ms. VAISHNAVI G
2	ECE	Mr. BALAJI T K	8	MECH	MR. SRIMAN BHARADWAJ M G
3	EEE	Mr. SUDHARSHAN S J	9	CIVIL	Mr. SUDARSAN S
4	IT	Mr. YOGANATHAN P	10	BIO	Ms. HAMSA VAAUHINI A
5	CHEM	Ms. VEDHA LAKSHMI S	11	MBA	Ms. SNEHA S
6	ICE	Ms. SRIVALLI K	12	MCA	Ms. Vaishni V

The Management has constituted awards to all the topper in each branch the awardees of the trust award are

S.No	Name of the Award	Branch	Year	Name of the Student
1.	Dr. M.G.R Award	CSE	2016-2020	Ms. Hemasree S
2.	A.P. Baulraj Award	ECE	2016-2020	Ms. Karpagavalli S
3.	Abraham Lincoln Award	EEE	2016-2020	Ms. Dhivya d
4.	MOTHER TERESA AWARD	MECHANICAL	2016-2020	MR. SRIMAN BHARADWAJ M G
5.	Dr. A.P.J. Abdul Kalam Award	ICE	2016-2020	Mr. Adhithyan S
6.	Kalpana Chawla Award	EIE	2016-2020	Ms. Kowsalya N
7.	Martin Luther King Award	IT	2016-2020	Ms. Durga B
8.	Deiva Pulavar Thiruvalluvar Award	CHEMICAL	2016-2020	Ms. Vedha Lakshmi S
9.	M. Visvesvaraya Award	BIOTECH	2016-2020	Mr. Nishitha Kannan K
10.	Dr. K.L. Rao	CIVIL	2016-2020	Ms. Sindhuja S
11.	Mahakavi Subramaniya Bharathiar Award	M.B.A	2018-2020	Ms. Sumera V M F
12.	Pavendar Bharathidasan Award	M.C.A.	2018-2020	Ms. Ponmalar V
13.	Annai Janaki M.G.R Award	M.E (Applied Electronics)	2018-2020	Ms. Jemima Havila Catherine A
14.	Perunthalaivar Kamarajar Award	M.E (Power Electronics)	2018-2020	Ms. Sivaranjani A
15.	Arignar Anna Award	M.E (Computer Science)	2018-2020	Ms. A. R. Darshika Kelin
16.	Nelson Mandela Award	M.E (C & I)	2018-2020	Ms. Pravalika H
17.	Sir C. V. Raman Award	M.E (Power Systems)	2017-2019	Ms. Jayashri N
18.	C.K Prahalad Award	M.E (Manufacturing Engineering)	2018-2020	Mr. Khaleel Rr Rahman.T
19.	Dr. Muthulakshmi Award	M. Tech (Biotech)	2018-2020	Ms. Shirley Riksy E
20.	Dr. S. Radhakrishnan Award	M.E – Embedded System	2018-2020	Ms. Divya Perumal
21.	Dr. M.G.R Award	CSE	2016-2020	Ms. Hemasree S

ACHIEVEMENTS OF OUR STUDENTS YEAR AFTER YEAR

Year of passing	UNIVERSITY RESULTS			PLACEMENT			ABHS		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
2020	1596	1546	97	1294	139	85	35	31	44	2	2	40
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

DEPARTMENT DETAILS OF BATCH 2017-2021

No. of Students Graduated	First Class with Distinction	First Class	Trust Award - Mother Theresa Award	Placement	Pursuing Higher Studies
B.E : 227 M.E : 2	B.E : 41	B.E : 217 M.E : 1	MR. SRIMAN BHARADWAJ M G	Campus : 67 Off campus :21	Aboard : 14 India : 07

University Rank Holders 3 Ranks

Name of the Student UG)	Rank
Mr. SRIMAN BHARADWAJ M G	1
Mr. SHANMUGANAND S	19
Mr. RAVIRAJ E	22

FACULTY DEVELOPMENT ACTIVITIES

Dr.Vaddi seshagiri Rao

International / National Journals

1. Hemanth, D.J., Rajinikanth, V., Rao, V.S. (2021) “Image fusion practice to improve the ischemic- stroke-lesion detection for efficient clinical decision making”. *Evol. Intel.* 14, 1089–
<https://doi.org/10.1007/s12065-020-00551-0>.
2. Vijayan D., Seshagiri Rao V., Anirudh V.S. (2021) “Determination of Optimum Tensile Strength of Friction Stir Welded AA2219 Aluminum Alloys Using Taguchi’s Method”. In: Rajmohan T., Palanikumar K., Davim J.P. (eds) *Advances in Materials and Manufacturing Engineering. Springer Proceedings in Materials*, vol 7. Springer, Singapore. https://doi.org/10.1007/978-981-15-6267-9_56.
3. Resmi P., Reshika R., Sri Madhava Raja N., Arunmozhi S., Rao V.S. (2021) “An Automated Person Authentication System with Photo to Sketch Matching Technique”. In: Satapathy S., Zhang YD., Bhateja V., Majhi R. (eds) *Intelligent Data Engineering and Analytics. Advances in Intelligent Systems and Computing*, vol 1177. Springer, Singapore. https://doi.org/10.1007/978-981-15-5679-1_63.
4. Abirami D., Shalini N., Rajinikanth V., Lin H., Rao V.S. (2021) “Brain MRI Examination with Varied Modality Fusion and Chan-Vese Segmentation”. In: Satapathy S., Zhang YD., Bhateja V., Majhi R. (eds) *Intelligent Data Engineering and Analytics. Advances in Intelligent Systems and Computing*, vol 1177. Springer, Singapore. https://doi.org/10.1007/978-981-15-5679-1_65.
5. R Venkatesh, Vaddi Seshagiri Rao, SM Mullaikodi,” Analysis and Optimization of Abrasive water Jet Machining processes on the hybrid nano particle reinforced Aluminum alloy matrix composite material” *OP Conference Series: Materials Science and Engineering* Volume923 Issue1 Pages012037

Dr. S. Arivazhagan

International / National Journals

1. Thamizhvalavan, P., Yuvaraj, N. & Arivazhagan, S. “Abrasive Water Jet Machining of Al6063/B4C/ZrSiO4 Hybrid Composites: a Study of Machinability and Surface Characterization Analysis”. *Silicon* (2021). <https://doi.org/10.1007/s12633-020-00888-2>
2. Chandramohan, P.; Murugesan, S. N.; Arivazhagan, S. “Experimental Investigation of Multi-Jet Abrasive Jet Impingement in Various Conditions and Analysis using Desirability Based Response Surface Methodology”. *Journal of Applied Fluid Mechanics* . 2021, Vol. 14 Issue 1, p131-145. 15p.

Professional Society Activities

1. Dr. S. Arivazhagan was installed as President of Indian Society of Heating Refrigerating and Air-conditioning Engineers (ISHRAE), Chennai Chapter on April 16, 2021, by its National President Mr. Amitaba Sur in a virtual ceremony. He will hold the position for a period of 1 year.
2. Arranged a number of technical talks by professionals for the members of Society. Activities for student members, women members and school children are also conducted by the Society for dissemination of knowledge in the field of HVAC & R.
3. Delivered a lecture on “Psychrometrics – Basic Processes and Calculations online on the 7th August, 2021 to the members and student members of ISHRAE.
4. A Product Presentation Webinar on “Modular and Skid Mounted Pumping System in HVAC Market” by Grundfos Pumps India Ltd was conducted on 3rd September 2021 for the members and student members of ISHRAE.

Dr. N. Arunkumar

International / National Journals

1. N Arunkumar, N Sathishkumar, SS Sanmugapriya, R Selvam” Study on PLA and PA thermoplastic polymers reinforced with carbon additives by 3D printing process” Materials Today: Proceedings, Volume 46, Part 17,2021,Pages 8871-8879, doi.org/10.1016/j.matpr.2021.05.041.
2. S Rajesh, S Madhankumar, B Mathivanan, R Magesh, N Arunkumar “Mechanical characterization of glass fiber resin reinforced with sugarcane” Materials Today: Proceedings Volume45Pages6628-663, doi.org/10.1016/j.matpr.2020.11.830.
3. R Ramamoorthi, KP Yuvaraj, C Gokul, SJ Eashwar, N Arunkumar, S Abith Tamil Dheen, “An investigation of the impact of axial force on friction stir-welded AA5086/AA6063 on microstructure and mechanical properties butt joints”, Materials Today: Proceedings Volume 37 Pages 3159-3163, doi.org/10.1016/j.matpr.2020.09.050
4. Arunkumar N., Job J., Ananthapadmanaban D., Arun Kumar N.E., Sathishkumar N. (2021) “Experimental Study and Analysis of Defragmented Carbon Nanotubes in Polyacrylonitrile Matrix”. In: Vijayan S., Subramanian N., Sankaranarayanan K. (eds) Trends in Manufacturing and Engineering Management. Lecture Notes in Mechanical Engineering. Springer, Singapore. https://doi.org/10.1007/978-981-15-4745-4_29
5. N Yuvaraj, N Arunkumar, MS Nivetha, A Lina Esther,” Abrasive water jet piercing of inclined holes on ceramic coated nickel superalloy: A preliminary study” Manufacturing Letters, Volume 26Pages59-63, /doi.org/10.1016/j.mfglet.2020.10.002.

FDP / Workshops

1. Attended Five days Workshop (Digital Knowledge Series 2020) on “The future of Education, Employment and Entrepreneurship” organised by ICT Academy from 04.05.2020 to 08.05.2020.
2. Attended a National level Virtual workshop on “Intellectual Property Rights”, organised by Tamilnadu State Council For Science And Technology & Mohamed Sathak AJ College of Engineering on 02.06.2020
3. Attended five days online FDP on “Mechanical Behaviour of Advanced Materials and its Scope for Engineering Applications” organised by department of Mechanical Engineering, Sri Venkateshwara College of Engineering during 10.06.2020 to 14.06.2020
4. Attended Seven days FDP on Heat Transfer and Computational Fluid Dynamics towards Industrial Applications organised by Department of mechanical engineering, Sri Sairam Institute of Technology.
5. Attended Three days FDP on “Industry 4.0” conducted by department of Mechanical Engineering, Mohammed Sathak AJ college of Engineering, Chennai from 18.06.2020 to 20.06.2020
6. Attended One day National Workshop on “Recent Research Trends in Mechanical Engineering”, Department of Mechanical Engineering, SSN College of Engineering on 25-06-21.

Dr. R. Selvam

International / National Journals

1. R Selvam, N Arunkumar, L Karunamoorthy, “An investigation on machining characteristics in abrasive water jet machining of hybrid laminated composites with SiC nano particles”, Materials Today: Proceedings Volume39Pages1701-1709, doi.org/10.1016/j.matpr.2020.06.193.
2. R Selvam, N Sathishkumar, KM Kumar, N Arunkumar, T Khaleelur Rahman,” Optimization of drilling parameters on hybrid natural fiber reinforced polymer matrix composites” IOP Conference Series: Materials Science and Engineering, Volume923Issue1Pages012059.

Dr. K. M. Kumar

International / National Journals

1. R. Prabu, K. M. Kumar, R. Selvam, and K. R. Vijaya Kumar, “Comparative Study of Shape Memory Alloy Reinforced Kevlar Polymer Composite in Sheet and Wire Form with Plain Kevlar Polymer Composite” Polym. Korea, Vol. 45, No. 3, pp. 353-362 (2021) <https://doi.org/10.7317/pk.2021.45.3.353>.

2. K.M. Kumar, K. Arun, N. Sathishkumar, M. Pathri Narayanan, E. Raviraj, “Experimental investigation on the machinability of nodular ductile iron with cubic boron nitride and tungsten carbide inserts”, *Materials Today: Proceedings*, Volume 39, Part 4, 2021, Pages 1386-1389, doi.org/10.1016/j.matpr.2020.04.862.
3. P Padmapriya, KM Kumar, Productivity and Bioenergy Potential Assessment of Microalgae from Waste Stabilization Ponds, *IOP Conference Series: Materials Science and Engineering*, Volume 923, Issue 1, Pages 012064.

Dr. K. Arun

International / National Journals

1. Arun, K., Venkata Ramanan, M. & Mohanasutan, S. “Comparative studies and analysis on gasification of coconut shells and corn cobs in a perforated fixed bed downdraft reactor by admitting air through equally spaced conduits”. *Biomass Conv. Bioref.* (2020). <https://doi.org/10.1007/s13399-020-00872-1>

FDP / Workshop

1. As coordinator, organized 6 days FDP on “Recent Innovations and Futuristic Scope for Research in Internal Combustion Engines” from 29th June 2020, Monday to 4th July 2020, Saturday.
2. As coordinator, organized 6 days FDP on “Recent Developments in Solar Energy Recovery and Storage Technologies” from 3rd August 2020, Monday to 8th August 2020, Saturday.
3. Attended 6 days FDP on “Recent Innovations and Futuristic Scope for Research in Internal Combustion Engines” from 29th June 2020, Monday to 4th July 2020, Saturday, conducted by St. Joseph’s College of Engineering, Chennai – 600119.
4. Attended 6 days AICTE sponsored STTP on “Smart Manufacturing – Opportunities & Challenges” from 13th July 2020, Monday to 18th July 2020, Saturday, organized by St. Joseph’s College of Engineering, Chennai - 119.
5. Attended 6 days STC on “Industry-Institute Interaction in Modern Aerospace Engineering: Marching Towards Self-Reliance” from 15th July 2020, Wednesday to 20th July 2020, Monday, organized by Aerospace Engineering, School of Technology GITAM (Deemed to be University)
6. Attended 5 days FDP on “Recent Advances in Renewable Energy & Energy Efficiency Technologies” from 21st July 2020, Tuesday to 25th July 2020, Saturday, conducted by Mahatma Gandhi Institute of Technology, Hyderabad.
7. Attended 5 days FDP on “Recent Advances in Thermal Science and Management” from 27th July 2020, Monday to 31st July 2020, Friday, conducted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad.

8. Attended 6 days FDP on “Optimization Techniques for Mechanical Engineers” from 27th July 2020, Monday to 1st August 2020, Saturday, conducted by Vignana Institute of Technology & Science, Hyderabad.
9. Attended 6 days FDP on “Recent Developments in Solar Energy Recovery and Storage Technologies” from 3rd August 2020, Monday to 8th August 2020, Saturday, conducted by St. Joseph’s College of Engineering, Chennai – 600119.
10. Attended a One Week AICTE Sponsored Short Term Training Programme on “Nanotechnology and Functional Materials” from 17th August 2020, Monday to 22nd August 2020, Saturday, organized by S V College of Engineering, Tirupati, Andhra Pradesh.
11. Attended AICTE Training and Learning (ATAL) Academy online FDP on “Green Technology and Sustainability Engineering” from 7th September 2020, Monday to 11th September 2020, Friday, organized by St. Joseph’s College of Engineering, Chennai.
12. Attended 6 days AICTE sponsored STTP on “Prospects and Challenges in Biofuels and Bioenergy” from 09th November 2020, Monday to 14th November 2020, Saturday, organized by St. Joseph’s College of Engineering, Chennai - 119.
13. Attended NPTEL-AICTE FDP on “Fundamentals of Combustion” from January 2021 to April 2021, conducted by IIT Madras, Chennai – 600036.
14. Successfully completed NPTEL online certification course on “Fundamentals of Combustion” from January 2021 to April 2021, conducted by IIT Madras, Chennai – 600036.

Dr. Sathish Rengarajan

International / National Journal

1. R Muneeswaran, M Saravana Mohan, Sathish Rengarajan, GR Raghav, KJ Nagarajan Effects of tool pin profile on tensile and wear behaviour of friction stir welded AA6101-T6 and AA1350 alloys Metallurgical Research & Technology Volume117Issue5Pages503 doi.org/10.1051/metal/2020045.

Dr. N. E. ArunKumar

International / National Journal

1. N.E. Arun Kumar, A. Suresh Babu, N. Sathishkumar & Pradeep Kumar C (2021) “Influence of near-dry ambiance on WEDM of Monel superalloy”, Materials and Manufacturing Processes, 36:7, 827-835, DOI: 10.1080/10426914.2020.1866191.

2. N.E. Arun Kumar, N. Sathishkumar, E. Raviraj, M. Pathri Narayanan, Roderik Eugene, “Influence of near dry wirecut electrical discharge machining parameters on kerf width in Monel 400”, Materials Today: Proceedings, Volume 39, Part 4, 2021, Pages 1519-1526, doi.org/10.1016/j.matpr.2020.05.471.

Mr. Arun M

International / National Journals

1. M. Arun, N. Sathishkumar, K. Nithesh Kumar, S.S. Ajai, S. Aswin, “Development of patient specific bio-polymer incisor teeth by 3D printing process: A case study, Materials Today: Proceedings, Volume 39, Part 4, 2021, Pages 1303-1308, doi.org/10.1016/j.matpr.2020.04.367.
2. M. Arun, N. Sathishkumar, N. Arunkumar, J. Jerin Jose, Ihsan Abdul Fathah, K. Nithesh Kumar, “Process parameters optimization in machining of duplex 2205 stainless steel alloy using AWJM technique”, Materials Today: Proceedings, Volume 46, Part 2, 2021, Pages 1390-1395, doi.org/10.1016/j.matpr.2021.02.491.

Dr. S. M. Mullaikodi

International / National Journal

1. N Ramanan S.M Mullaikodi, P Sethuvelappan, M Kamaraj, E Naveen, “Development of Hybrid Friction Material for Brake Pad Application”, IOP Conf. Series: Materials Science and Engineering, Volume 923, Issue 012039.

Mr. Udayakumar A S M

FDP / Workshops

1. Attended six days online FDP on ‘Advanced Manufacturing Technology’ from 28-06-2020 – 04-07-2020 organized by Karpagam College of Engineering.
2. Attended four days online FDP on ‘Emerging Trends in Mechanical Engineering M’ from 02-06-2020 to 06-06-2020 organized by St.Peter’s Engineering College, Chennai.
3. Attended Six days online FDP on ‘Advanced Engineering Materials for Strategic & Social Sectors - Current Perspectives ’ from 10-06-2020 to 15-06-2020 organized by Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai.
4. Attended six days online FDP on ‘NOVEL MATERIALS AND ITS INDUSTRIAL APPLICATIONS’ from 13-05-2020 – 18-05-2020 organized by Karpagam College of Engineering.

Dr. G. M. Lionus Leo

International / National Journal

1. S. Sekar, P. Chandrasekar S. Kumar Abraham J. S. JospherR. SheejaT. N. Valarmathi, G. M. Lionus Leo (2021) "Entropy Generation Minimization of Vapour Absorption Heat Transformer". In: Palanisamy M., Ramalingam V., Sivalingam M. (eds) Theoretical, Computational, and Experimental Solutions to Thermo-Fluid Systems. Lecture Notes in Mechanical Engineering. Springer, Singapore. https://doi.org/10.1007/978-981-33-4165-4_25.

Mrs. N. Prasanaa Iyer

International / National Journal

1. N Prasanaa Iyer, N Arunkumar," Review on Fiber reinforced/modified Bismaleimide resin composites for Aircraft Structure Application", IOP Conference Series: Materials Science and Engineering, Volume923, Issue1Pages012051.

FDP / Workshops

1. Attended three day FDP on Industry 4.0, held from 18.06.2020 and 20.06.2020 conducted by Department of Mechanical Engineering, Mohammed Sathak AJ college of Engineering, Chennai.
2. Attended STTP on Smart Manufacturing Opportunities and Challenges held between 13.7.20 to 18.7.20 at St Joseph's College of Engineering, Chennai.
3. Attended STTP on Electric vehicles An Opportunity for India held between 3.8.21 and 8.8.21 conducted by R.M.K college of Engineering and Technology
4. Attended webinar on Be future leader - post covid-19 India held between 3.6.21 and 4.6.21 conducted by University of Technology, Rajasthan.

Mr. K. M. B. Karthikeyan

International / National Journals

1. K.M.B. Karthikeyan, J. Vijayanand, K. Arun VaddiSeshagiri Rao "Thermophysical and we properties of eco-friendly nano lubricants" Materials Today: Proceedings Volume 39, Part 1, 202 Pages 285-291, doi.org/10.1016/j.matpr.2020.07.128.
2. K.M.B. Karthikeyan, T. Balasubramanian, V. Thillaivanan, G. Vasanth Jangetti, Laser Transformation Hardening of EN24 Alloy Steel, Materials Today: Proceedings, Volume 22, Part 4, 2020, Pages 3048-3055, doi.org/10.1016/j.matpr.2020.03.440.

3. KMB. Karthikeyan, C. Yuvaraj, T. Balasubramanian, “Tensile test fractography of subzero treated EN24 alloy steel”, Materials Today: Proceedings, Volume 46, Part 9,2021,Pages 3205-3211, doi.org/10.1016/j.matpr.2020.11.192.
4. KMB Karthikeyan, T Balasubramanian, A Ruskin Bruce, P Premkumar,” Pressure Vessel Design by Design by Analysis Route, IOP Conference Series: Materials Science and Engineering,Volume923,Issue1,Pages 012020.

Mr.G.Kasirajan

International / National Journal

1. G Kasirajan, Sathish Rengarajan, GR Raghav, VS Rao, KJ Nagarajan Tensile and wear behaviour of friction stir welded AA5052 and AA6101-T6 aluminium alloys: effect of welding parameters Metallurgical Research & Technology, Volume117, Issue4Pages405. doi.org/10.1051/metal/2020039.

FDP / Workshop

1. Participated AICTE Training and Learning (ATAL) Academy Online Faculty Development Program on “3D Printing & Design” from 30/11/2020 to 04/12/2020 at K.L.N. College of Engineering, Madurai, Tamilnadu, India. Participated
2. Participated AICTE Training and Learning (ATAL) Academy Online Faculty Development Program on “Product Design” from 04/01/2021 to 08/01/2021 at College of Engineering, Trivandrum, Tamilnadu, India.
3. Participated AICTE Training and Learning (ATAL) Academy Online Faculty Development Program on “Additive Manufacturing” from 16/02/2021 to 20/02/2021 at Hindusthan College of Engineering and Technology, Chennai, Tamilnadu, India.
4. Participated “TEQIP” sponsored Five Days Faculty Development Programme (online) on “Novel Engineering Materials and Processing Techniques” organised by the Department of Mechanical Engineering, Coimbatore Institute of Technology, Coimbatore from 18/03/2021 to 22/03/2021.
5. Participated “AICTE” sponsored Six days online “Short Term Training Program” on “Vibration Analysis and Measurements” organized by the Department of Mechanical Engineering, Misrimal Navajee Munoth Jain Engineering College, Chennai from 03/05/2021 to 08/05/2021.
6. Participated AICTE Training and Learning (ATAL) Academy Online Elementary Faculty Development Program on “Advancements in Computational Fluid Dynamics using FLUIDYN” from 07/06/2021 to 11/06/2021 at Alliance University, Bangalore, Karnataka, India.

7. Participated AICTE Training and Learning (ATAL) Academy Online Elementary Faculty Development Program on “Simulation of Welds and Optimization Techniques” from 12/07/2021 to 16/07/2021 at Annamalai University, Chidambaram, Tamilnadu, India.

Mr. Vijayanand J

FDP / Workshop / STTP

1. Participated Online Faculty Development Program on “Recent Developments In Solar Energy Recovery And Storage Technologies,” from 03/08/2020 to 08/08/2020 at St. Joseph's College Of Engineering, OMR, Chennai-600119, Tamilnadu, India. Participated
2. Participated Online Faculty Development Program on “Energy Storage Characteristics, Surface treatment, Durability, Sustainability and Micro Structure Evaluation of Smart and Phase Change Materials and its applications” from 27/07/2020 to 01/08/2020 at Sai Ram Institute of Technology Tamilnadu, India.
3. Participated Online Faculty Development Program on “Advancements and Futuristic Trends in Materials and Mechanical Engineering (AFTMME-2020),” from 27/07/2020 to 31/07/2020 at Bangalore Institute Of Technology, Bangalore, India.
4. Participated Online Faculty Development Program on “Recent research developments in Materials Engineering and Mechanical Design” organised by the Vishnu Institute Of Technology Bhimavaram Andhra Pradesh, India from 21/07/2020 to 25/07/2020.
5. Participated Online Faculty Development Program on “Data Science And Machine Learning” organized by the Department of Mechanical Engineering, K S Rangasamy College Of Technology, Tiruchengode, Tamilnadu from 18/07/2020 to 22/07/2020.
6. Participated Short term training program Online on “Composite Materials: Micro to Nano - Fabrication, Characterization and Modelling Including Additive Manufacturing” from 13/07/2020 to 18/07/2020 at Rajalaskshmi Engineering College, India.
7. Participated Short term training program Online on “Smart Manufacturing –Opportunities & Challenges” from 13/07/2020 to 18/07/2020 at St Joseph's College Of Engineering India.
8. Participated Online Faculty Development Program on “Industrial Robotics And Its Applications” organized by the Department of Mechanical Engineering, GMR Institute Of Technology, Tamilnadu from 06/07/2020 to 11/07/2020.
9. Participated Short term training program Online on “Non-Destructive Testing” organized by the Department of Mechanical Engineering, Sri Venkateswara College Of Technology, Tamilnadu from 26/07/2020 to 28/07/2020.
10. Participated Online Faculty Development Program on “Future Advancements And Applications Of Internet Of Things” organized by the Sandip Institute Of Engineering And Management, India, from 12/06/2020 to 14/06/2020.

11. Participated Online Faculty Development Program On “Renewable Energy Systems” organized by the Panimalar Institute Of Technology, Chennai, India, from 08/06/2020 to 12/06/2020.
12. Participated Online Faculty Development Program on “Welding for Additive Manufacturing” organized by the Coimbatore Institute Of Engineering And Technology, Tamilnadu, India, from 10/06/2020 to 15/06/2020.

Mr. M. Subramanian

International / National Journals

1. M Subramanian, J Mariyappan, ASM Udayakumar, T Balasubramanian, S Balakrishnan,” Design and stress distribution analysis of composite spur gear” IOP Conference Series: Materials Science and Engineering, Volume1070, Issue1, Pages012127.
2. M. Subramanian, S. Balakrishnan, N. Vinoth Babu, V. Hariharan, T. Balasubramanian, “Implementation and optimization of minimum quantity lubrication for machining LM4 aluminium alloy”, Materials Today: Proceedings, Volume 44, Part 1,2021,Pages 1635-1642, doi.org/10.1016/j.matpr.2020.11.820.
3. M. Subramanian, N. Sathishkumar, Joses Samuel Sasthriyal, N. Arunkumar, V. Hariharan, “Optimization of process parameters in friction stir welded dissimilar magnesium alloys using RSM”, Materials Today: Proceedings,Volume 46, Part 19,2021,Pages 9736-9746.

Mr. T. Balasubramanian

International / National Journal

1. T Balasubramanian, M Ganesh, M Subramanian, N Arunkumar, S Aswin Experimental studies on the wear and mechanical properties of Al7075-B4C-Al203 composite IOP Conference Series: Materials Science and Engineering,Volume1070,Issue1Pages012125

FDP / Workshops

1. Attended three day online " Basic Optimization Technology Workshop" from 04/05/2020 to 06/05/2020 organized by REST society for Research International.
2. Attended Two days Online Workshop on "Fuzzy logic and Neural Network Approaches for Engineering Solutions" on 01/05/2020 and 02/05/2020 organized by Journal of advanced Engineering Research and powered by Hexacube India.
3. Attended Two-day online workshop on "Additive Manufacturing" on 15/05/2020 -16/05/2020 organized by S.A. Engineering College.
4. Attended Three days online FDP on " Dynamics of Machines" organised by Mohamed Sathak AJ College of Engineering from 21/05/2020 to 23/05/2020

5. Attended Two-day online Industry workshop on "Amazon Web service" on 04/06/2021 & 05/06/2020 by R.M.K. Engineering College.
6. Attended Five-day online FDP on "Emerging Trends in Mechanical Engineering" from 02/06/2020 to 06/06/2020 by St. Peter's. Engineering College, Hyderabad.
7. Attended Five day online FDP on "Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies" from 09/06/2020 to 13/06/2020 by Pragati Engineering College.
8. Attended Six day International online FDP on "Advanced Engineering Materials for Strategic & Societal Sectors – Current Perspectives" from 10/06/2020 to 15/06/2020 by Vel Tech High Tech, Avadi.
9. Attended Six day online FDP on "Recent Innovations and Futuristic Scope for Research in Internal Combustion Engines" from 29/06/2020 to 04/07/2020 by St. Joseph's College of Engineering.
10. Attended Six day online STTP on "Composite Materials: Micro to Nano – Fabrication, Characterization and Modeling Including Additive Manufacturing " from 13/07/2020 to 18/07/2020 by Rajalakshmi Engineering College..
11. Attended Three day International online workshop on "Energy Technology and Sensor Systems (TENSYS 2020)" from 28/07/2020 to 30/07/2020 by Vel Tech High Tech, Avadi.
12. Attended Six day online STTP on "Powder Metallurgy Technologies for 3D Printing" from 27/07/2020 to 01/08/2020 by MEPCO Schlenk engineering College, Sivakasi.
13. Attended Six day online FDP on "Recent Developments in Solar Energy Recovery and Storage Technologies" from 03/08/2020 to 08/08/2020 by St. Joseph's College of Engineering.
14. Attended Six day International online Workshop on "Additive Manufacturing" from 02/11/2020 to 07/11/2020 by NIT, Trichy in association with NTNU Norway and Tallinn University, Estonia.
15. Attended Six day online STTP on "Manufacturing Applications of Micromachining with Emphasis on make in India" from 14/12/2020 to 19/12/2020 by RMK College of Engineering and Technology.
16. Attended One Week AICTE Sponsored online STTP on "Advanced Manufacturing Techniques for Medical and Precision Engineering " from 04/01/2021 to 09/01/2021 by MVJ College of Engineering, Bengaluru, in Association with IIC and IQAC.
17. Attended Six day online STTP on "Recent Advances in Manufacturing Science and Technology" from 22/02/2021 to 26/02/2021 by IIT, Guwahati, under the Technical Education Quality Improvement Programme (TEQIP) Sponsored by MHRD, Govt of India.

18. Presented a Paper on “ Experimental Studies on the Wear and Mechanical Properties of AL7075 – B4C-Al₂O₃ Composite” in the AICTE sponsored 2020 International Conference on Recent Innovations in Engineering and Technology (ICRIET 2020) organized by Nandha Engineering College, Erode during 04-05 December 2020.

Mr. P. Prem Kumar

International / National Journal

1. P Premkumar, A Ruskin Bruce, PR Yogesh Krishnan “Influence of Tool Pin Profile in Underwater Friction Stir Welding of Aluminium 6061 Alloy” IOP Conference Series: Materials Science and Engineering, Volume923Issue1Pages012036.

FDP / Workshops

1. Participated in the One Week Lecture Series on Mechanical Behavior of Materials organized by Department of Mechanical Engineering, Chennai Institute of Technology from 01-07-2020 to 06-07-2020
2. Participated in the One Week Online Faculty Development Program on Mechatronics : Introduction, Modeling & Simulation, and Research Organized by Department of Mechatronics, Chennai Institute of Technology from 6th July , 2020 to 10th July, 2020.
3. Successfully completed six days AICTE sponsored OnlineShort Term Training Programme (STTP) on “SMART MANUFACTURING –OPPORTUNITIES & CHALLENGES” organized by, Department of MechanicalEngineering, St. Joseph’s College of Engineering from 13th July 2020 to 18th July 2020.
4. Participated in the TEQIP-IIIsponsored Five Days Faculty Development Programme (online) on “Novel Engineering Materials and Processing Techniques” organised by the Department of Mechanical Engineering, Coimbatore Institute of Technology, Coimbatore from 18th to 22nd March 2021.
5. Successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on “Welding Processes and NDT Evaluation” held during 12.04.2021 to 17.04.2021 organized by Institute of Technology and Management Universe, Vadodara, Gujarat.

Mr. M. Ganesh

International / National Journals

1. K, N. S. R., Ganesh, Kantharaj, & Kumar, S. (2020). “Multi-response optimization of Ti-6Al-4V milling using AlCrN/TiAlN coated tool under cryogenic cooling”. Journal of Production Systems and Manufacturing Science, 1(1), 29–41.

FDP /Workshops

1. Five Day online FDP on “Emerging Trends in Mechanical Engineering” organized by St.Peter’s Engineering College from 02.06.2020 to 06.02.2020.
2. Attended Five day FDP on "Advancement in the Field of Mechanical Engineering". Organized by Navodaya institute of Technology from 23.06.2020 to 27.06.2020
3. Attended Two day Workshop on “Fuzzy logic and neural network approaches for Engineering solutions” by jaer online on 01.05.2020 and 02.05.2020.
4. Participated in International Workshop on Energy technology and sensor systems from 28.07.2020 to 31.07.2020 organised by IITDM,Kanchipuram in association with University Malaysia
5. Attended AICTE sponsored STTP on “Vibration Analysis and Measurements” organised by MNM Jain Engineering College from 03.05.2021-08.05.2021
6. Attended a FDP on “Structural, Thermal, Dynamic Analysis using ABAQUS Software” organised by Department of Mechanical Engineering,SSN College of Engineering on 13-03-21.

Mr. A. Ruskin Bruce

FDP /Workshops

1. Participated in the One Week Lecture Series on Mechanical Behavior of Materials organized by Department of Mechanical Engineering, Chennai Institute of Technology from 01-07-2020 to 06-07-2020
2. Successfully completed six days AICTE sponsored Online Short Term Training Programme (STTP) on “SMART MANUFACTURING – OPPORTUNITIES & CHALLENGES” organized by, Department of Mechanical Engineering, St. Joseph’s College of Engineering from 13th July 2020 to 18th July 2020.
3. Successfully completed the AICTE-ISTE approved orientation/Refresher programme on “Welding Processes and NDT Evaluation” held during 12-04-2021 to 17-04-2021 organized by Institute of Technology and Management Universe, Vadodara, Gujarat.
4. Presented Two Days Programme on “Introduction to Refrigeration and Air Conditioning” organized by Satyam College of Engineering and Technology, Aralvaimozhi on 05-06-2020 & 06-06-2020.
5. Presented a webinar on “A look at Isometric and Perspective projections” on 18th June 2020 organized by PET Engineering College, Vallioor.

6. Presented a webinar on “A look at Isometric and Perspective projections” on 25th June 2020 organized by Seth Vishambhar Nath Institute of Engineering and Technology, Lucknow- Barabanki Highway
7. Presented a session on a One Week Online Faculty Development Program on “Recent Methodologies in Engineering & Research: Opportunities and Challenges” on 20th July, 2020 the topic “Micro Manufacturing – An Understanding” organized by Seth Vishambhar Nath Institute of Engineering and Technology, Lucknow- Barabanki Highway.

Mr. P. Manoj Kumar

International / National Journals

1. P Manoj Kumar, R Elakkiyadasan, N Sathishkumar, G Ashwin Prabhu, T Balasubramanian “Performance enhancement of a domestic refrigerator with Nanoparticle Enhanced PCM over the condenser side”, FME Transactions Volume48,Issue3,Pages620-627.

FDP Workshops

1. Successfully completed NITTT online certification course, an AICTE Sponsored FDP offered by Indian HEIs and approved by UGC, Ministry of Human Resource Development, Govt. of India on “Orientation towards Technical Education and Curriculum Aspects”, a 8 week course from September 2020 to November 2020 powered by SWAYAM online courses.
2. Successfully completed NITTT online certification course, an AICTE Sponsored FDP offered by Indian HEIs and approved by UGC, Ministry of Human Resource Development, Govt. of India on “Communication Skills Modes & Knowledge Dissemination”, a 8 week course from April 2021 to May 2021 powered by SWAYAM online courses.
3. Successfully completed NITTT online certification course, an AICTE Sponsored FDP offered by Indian HEIs and approved by UGC, Ministry of Human Resource Development, Govt. of India on “Technology Enabled Learning & Life-Long Self Learning”, a 8 week course from April 2021 to May 2021 powered by SWAYAM online courses.
4. Successfully completed NITTT online certification course, an AICTE Sponsored FDP offered by Indian HEIs and approved by UGC, Ministry of Human Resource Development, Govt. of India on “Student Assessment and Evaluation”, a 8 week course from April 2021 to June 2021 powered by SWAYAM online courses.

Mr. Muninathan K**International / National Journals**

1. K. Muninathan et al 2020 IOP Conf. Ser.: Mater. Sci. Eng. 923 012067, Experimental Investigation of Eco-Friendly and Energy Efficient Auto and Allo Thermal Charcoal Kiln, doi:10.1088/1757-899X/923/1/012067.
2. K. Muninathan, M. Venkataramanan, P. R. Daison Jacob, K. Gnanasekar and K. E. Gowtham, "Effect of Wood Size and Stacking on Pyrolysis Process using Prosopis Juliflora," 2020 International Conference on System, Computation, Automation and Networking (ICSCAN), 2020, pp. 1-6, doi: 10.1109/ICSCAN49426.2020.9262352.
3. K. Muninathan, D. V. Prasanna, N. Gowtham, B. J. Paul and K. Vikneshpriya, "Experimental and Numerical Studies on Catalytic Converter to Reduce CO₂ Emissions in IC Engines," 2020 International Conference on System, Computation, Automation and Networking (ICSCAN), 2020, pp. 1-5, doi: 10.1109/ICSCAN49426.2020.9262340.
4. K. Muninathan, S. Arivazhagan, R. Yuvaraj, K. Madhupriya and M. Shanmathi, "CFD Analysis on Performance Improvement of Impeller Mixing Solid Waste in Anaerobic Digestion," 2020 International Conference on System, Computation, Automation and Networking (ICSCAN), 2020, pp. 1-5, doi: 10.1109/ICSCAN49426.2020.9262450.
5. K. Muninathan, J. J. Nesakumar, K. Vikneshpriya, V. Prashanth Anand and C. Daarathi, "Experimental and Numerical Analysis of Autothermal Portable Charcoal Kiln using Casuarina Wood," 2020 International Conference on System, Computation, Automation and Networking (ICSCAN), 2020, pp. 1-5, doi: 10.1109/ICSCAN49426.2020.9262413.

International / National Conferences

1. Presented a paper in a IEEE International Conference on System, Computation, Automation and Networking (ICSCA) titled on "Experimental and Numerical Studies on Catalytic Converter to Reduce CO₂ Emissions in IC Engines," held at Manakula Vinayagar Institute of Technology, Kalitheerthalkuppam, Pondicherry, India on 3rd and 4th July 2020.
2. Presented a paper in a IEEE International Conference on System, Computation, Automation and Networking (ICSCA) titled on "Experimental and Numerical Analysis of Autothermal Portable Charcoal Kiln using Casuarina Wood," held at Manakula Vinayagar Institute of Technology, Kalitheerthalkuppam, Pondicherry, India on 3rd and 4th July 2020.
3. Presented a paper in a IEEE International Conference on System, Computation, Automation and Networking (ICSCA) titled on "CFD Analysis on Performance Improvement of Impeller Mixing Solid Waste in Anaerobic Digestion," held at Manakula Vinayagar Institute of Technology, Kalitheerthalkuppam, Pondicherry, India on 3rd and 4th July 2020.

4. Presented a paper in a IEEE International Conference on System, Computation, Automation and Networking (ICSCA) titled on "Effect of Wood Size and Stacking on Pyrolysis Process using Prosopis Juliflora," held at Manakula Vinayagar Institute of Technology, Kalitheerthalkuppam, Pondicherry, India on 3rd and 4th July 2020.

FDP / Workshops

1. Participated in National level online Faculty Development Programme on "Advanced Technologies in Automotive system - ATAS'21" held from 4th Jan - 9th Jan 2021 organised by Karpaga Vinayaga College of Engineering & Technology, Madhuranthagam (TK), Chengalpattu (DT), Tamil Nadu, India
2. Participated in six days Faculty Development Programme on "Recent Developments In Solar Energy Recovery And Storage Technologies", from 03.08.2020 to 08.08.2020 Organized by St. Joseph's College of Engineering, OMR, Chennai-119.
3. Participated in the five day Faculty Development Programme on "ME8493 - Thermal Engineering - I" organised by the Departments of Mechanical and Automobile Engineering, Arasu Engineering College, Kumbakonam during 14th to 19th December, 2020 through online pedagogy.
4. Successfully completed NITTT online certification course, an AICTE Sponsored FDP offered by Indian HEIs and approved by UGC, Ministry of Human Resource Development, Govt. of India on "Orientation Towards Technical Education and Curriculum Aspects", a 8 week course from September 2020 to October 2020 powered by SWAYAM online courses.
5. Successfully completed NITTT online certification course, an AICTE Sponsored FDP offered by Indian HEIs and approved by UGC, Ministry of Human Resource Development, Govt. of India on "Professional Ethics & Sustainability", a 8 week course from March 2021 to April 2021 powered by SWAYAM online courses.
6. Successfully completed NITTT online certification course, an AICTE Sponsored FDP offered by Indian HEIs and approved by UGC, Ministry of Human Resource Development, Govt. of India on "Communication Skills, Modes & Knowledge Dissemination", a 8 week course from March 2021 to April 2021 powered by SWAYAM online courses.
7. Successfully completed NITTT online certification course, an AICTE Sponsored FDP offered by Indian HEIs and approved by UGC, Ministry of Human Resource Development, Govt. of India on "Instructional Planning and Delivery", a 8 week course from March 2021 to April 2021 powered by SWAYAM online courses.

Mr. M. Siva**FDP / Workshops**

1. Participated in the three days Online Faculty Development Program on “Dynamic of Machines” Organized by Mohamed Sathak A J College of Engineering, from 21th May 2022 to 23th May 2020.
2. Participated in the One Week Online Faculty Development Program on “Manufacturing and Analysis of Advanced Materials and Engineering Structure” Organized by Department of Aeronautical Engineering, MLR institute of Technology from 26th May 2022 to 30th May 2020.
3. Successfully completed the AICTE - NITTTR course module on “Orientation towards Technical Education and Curriculum Aspects”.at February 2021.
4. Participated in the Two Days International seminar on “Art of Writing Scientific Articles, Funding Proposal and Patent” Organized by Department of Aeronautical Engineering, Chennai Institute of Technology” from 26th May 2022 to 27th May 2020.

Mr. R. Elakkiyadasan**FDP / Workshops**

1. Successfully completed NITTT online certification course, an AICTE Sponsored FDP offered by Indian HEIs and approved by UGC, Ministry of Human Resource Development, Govt. of India on “Professional Ethics & Sustainability”, a 8 week course from September 2020 to November 2020 powered by SWAYAM online courses.
2. Successfully completed NITTT online certification course, an AICTE Sponsored FDP offered by Indian HEIs and approved by UGC, Ministry of Human Resource Development, Govt. of India on “Communication Skills Modes & Knowledge Dissemination”, a 8 week course from April 2021 to May 2021 powered by SWAYAM online courses.
3. Successfully completed NITTT online certification course, an AICTE Sponsored FDP offered by Indian HEIs and approved by UGC, Ministry of Human Resource Development, Govt. of India on “Technology Enabled Learning & Life-Long Self Learning”, a 8 week course from April 2021 to May 2021 powered by SWAYAM online courses.
4. Successfully completed NITTT online certification course, an AICTE Sponsored FDP offered by Indian HEIs and approved by UGC, Ministry of Human Resource Development, Govt. of India on “Student Assessment and Evaluation”, a 8 week course from April 2021 to June 2021 powered by SWAYAM online courses.

Mr. G. Ashwin Prabhu**International / National Journals**

1. G. Ashwin Prabhu, N. Sathishkumar, K. Pravinkumar, P. Manoj Kumar, T. Balasubramanian, P.L. Sudharsan, Heat treatment and analysis of nickel super alloy for gas turbine applications, Materials Today: Proceedings, Volume 39, Part 4, 2021, Pages 1417-1421, doi.org/10.1016/j.matpr.2020.05.098.
2. G Ashwin Prabhu, K Muninathan, O Lokesh Kanna, G Monish, SR Arun, " Static Analysis of Aluminum 6063 Alloy for Steering Knuckle Application in Student Formula Car", IOP Conference Series: Materials Science and Engineering, Volume 923 Issue 1 Pages 012007.

FDP / Workshops

1. Successfully completed NITTT online certification course, an AICTE Sponsored FDP offered by Indian HEIs and approved by UGC, Ministry of Human Resource Development, Govt. of India on "Orientation Towards Technical Education and Curriculum Aspects", a 8 week course from September 2020 to October 2020 powered by SWAYAM online courses.
2. Successfully completed NITTT online certification course, an AICTE Sponsored FDP offered by Indian HEIs and approved by UGC, Ministry of Human Resource Development, Govt. of India on "Professional Ethics & Sustainability", a 8 week course from March 2021 to April 2021 powered by SWAYAM online courses.
3. Successfully completed NITTT online certification course, an AICTE Sponsored FDP offered by Indian HEIs and approved by UGC, Ministry of Human Resource Development, Govt. of India on "Communication Skills, Modes & Knowledge Dissemination", a 8 week course from March 2021 to April 2021 powered by SWAYAM online courses.
4. Successfully completed NITTT online certification course, an AICTE Sponsored FDP offered by Indian HEIs and approved by UGC, Ministry of Human Resource Development, Govt. of India on "Instructional Planning and Delivery", a 8 week course from March 2021 to April 2021 powered by SWAYAM online courses.
5. Participated in the Six days virtual FDP on "Recent Developments in Solar Energy Recovery and Storage Technologies" held from 03-08-20 to 08-08-20, organized by St. Joseph's College of Engineering, Chennai.
6. Participated in the Six days virtual FDP on "Emerging Research Areas in Aerodynamics" held from 03-08-20 to 08-08-20, organized by Bannari Amman Institute of Technology.
7. Participated in the Seven days virtual FDP on "Reliability, Maintainability And Quality Issues In Process Industries" held from 04-08-20 to 10-08-20, organized by Dr. B. R. Ambedkar National Institute Of Technology.

8. Participated in the Five days virtual FDP on “Mechatronics, Automation and Robotics” held from 03-08-20 to 07-08-20, organized by Op Jindal University.
9. Participated in the Seven days virtual FDP on “Unconventional Machining Process” held from 26-07-21 to 02-08-21, organized by Sri Sai ram Engineering College.

Mr. V. Ashok Kumar

International / National Journals

1. RR Thirumaniraj, K Muninathan, V Ashok Kumar, B Jerickson Paul, Rahul R Rajendran,” Experimental and Numerical Studies of Thermal Energy Storage using Paraffin Wax Phase Change Materials”. IOP Conference Series: Materials Science and Engineering, Volume923, Issue1, Pages 012066

FDP / Workshops

1. Participated in the 3 days Online Faculty Development Program on Computational Fluid Dynamics and Engineering Simulations organized by Department of Mechanical Engineering, Sri Sairam Engineering College, Chennai from 05.06.2020 to 07.06.2020.
2. Participated in the 5 days Online International Faculty Development Program on Emerging Research Areas in Engineering organized by Department of Mechanical Engineering, in Association with The Institution of Engineers (India), SRM Institute of Science and Technology, Chennai from 05.06.2020 to 09.06.2020.
3. Participated in the 7 days Online Faculty Development Program on Heat Transfer and Computational Fluid Dynamics Towards Industrial Applications organized by Department of Mechanical Engineering, Sri Sairam Institute of Technology, Chennai from 12 June 2020 to 18 June 2020.
4. Participated in the 6 days Online Faculty Development Program on Recent Innovations and Futuristic Scope for Research in Internal Combustion Engines organized by Department of Mechanical Engineering, St. Joseph's College of Engineering, Chennai from 29.06.2020 to 04.07.2020.
5. Participated in the 6 days Online Faculty Development Program on Recent Developments in Solar Energy Recovery and Storage Technologies organized by Department of Mechanical Engineering, St. Joseph's College of Engineering, Chennai from 03.08.2020 to 08.08.2020.
6. Participated in the 2 days Online Workshop on FEA Modelling of Wind Energy Systems presented by Mr. R. Parthasarathy, Reliability Engineer, ACOEM Group, Adelaide, Australia, Panimalar Institute of Technology, Chennai from 18.03.2021 to 25.03.2021.

Mr. K. Pravin Kumar

FDP / Workshops

1. Attended six Days Online Faculty Development Programme on 'Welding for Additive Manufacturing' from June 10 - 15, 2020 organized by Indian Welding Society (IWS) forum in connection with Department of Mechanical Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore, Tamil Nadu.
2. Attended a five days International Faculty Development Program, Emerging research areas In mechanical engineering. Department of Mechanical Engineering in Association with The Institution of Engineers (India), SRM Institute of Science and Technology, Ramapuram Campus, Chennai-600089, from 5th June to 9th June 2020.
3. Attended a Six days FDP on "RECENT INNOVATIONS AND FUTURISTIC SCOPE FOR RESEARCH IN INTERNAL COMBUSTION ENGINES" organized by Department of mechanical engineering, by St.Joseph's College of Engineering from 29.06.2020 to 04.07.2020.
4. Participated in the five days virtual FDP on "Welding Technology" held from 6th Jan 2021 to 11th Jan 2021, organized by Sri Sai Ram Engineering College, Department of Mechanical Engineering, West Tambaram, Chennai.
5. Successfully completed NITTR module 1: Orientation towards technical education and curriculum aspects on February 2021.

Mr. Sathishkumar N

International / National Journals

1. N Sathishkumar, B Vincent, N Arunkumar, KM Kumar, PL Sudharsan, "Study of compressive behaviour on 3D printed ABS polymer lattice structures infilled with epoxy and polyester resins" IOP Conference Series: Materials Science and Engineering, Volume923Issue1Pages012044.
2. N. Sathishkumar, K. Pravinkumar, G. Ashwin Prabhu, M. Siva, P.L. Sudharsan, "Investigation of mechanical properties in Al359 hybrid metal matrix composite reinforced with SiC and fly ash", Materials Today: Proceedings, Volume 46, Part 19,2021,Pages 9537-9543, doi.org/10.1016/j.matpr.2020.04.024

FDP / Workshops

1. Attended three days online workshop on 'Design of Experiments: An Engineering Perspective' from April 22 -24, 2020 organized by Journal of Advanced Engineering Research and powered by hexacube India.

2. Attended two days online workshop on 'Patent Drafting and Processing with Importance of Trademark and Copyright' from May 6 -7, 2020 organized by Journal of Advanced Engineering Research and powered by hexacube India.
3. Attended five days online FDP on 'Introduction to Finite Element Analysis' from 11-05-2020 to 15-05-2020 organized by Panimalar Institute of Technology, Chennai 600123.
4. Successfully completed three days online assessment course on 'Level up Your Proficiency in Mechanical Engineering' from 13-05-2020 to 15-05-2020 organized by Mahendra Institute of Technology, Namakkal 637503.
5. Attended two days online workshop on 'Additive Manufacturing' from 15-05-2020 to 16-05-2020 organized by S.A. Engineering College (Autonomous), Chennai 600123.
6. Attended two days online workshop on 'Fuzzy Logic and Neural Network Approaches for Engineering Solutions' from April 29 -30, 2020 organized by Journal of Advanced Engineering Research and powered by hexacube India.
7. Attended five days online FDP on 'Application of CAD Tools in Drawing Courses' from 09-06-2020 to 13-06-2020 organized by Geethanjali College Of Engineering & Technology (Autonomous), Telangana 501301.
8. Attended six days online FDP on 'Welding for Additive Manufacturing' from June 10 - 15, 2020 organized by Indian Welding Society (IWS) forum in connection with Department of Mechanical Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore, Tamil Nadu.
9. Attended seven days online FDP on 'HEAT TRANSFER AND COMPUTATIONAL FLUID DYNAMICS' From 12 June 2020 to 18 June 2020 Organized by Department of Mechanical Engineering, Sri Sai Ram Institute of Technology , Chennai, Tamil Nadu.
10. Attended five days online International Faculty Development Program on 'Emerging Research Areas in Engineering' Organized by Department of Mechanical Engineering in Association with The Institution of Engineers (India), SRM Institute of Science and Technology, Ramapuram Campus, Chennai-600089, from 5th June to 9th June 2020
11. Attended one week online Faculty Development Programme on 'Recent Trends in Mechanical Engineering' from 22-06-2020 to 26-06-2020 Organized by Department of Mechanical Engineering in Narsimha Reddy Engineering College, Telangana 500100.
12. Attended five days virtual Faculty Development Programme on 'Mechatronics in Smart Manufacturing for the Future' from 01-07-2020 to 05-07-2020 Organized by Department of Mechatronics Engineering in Bannari Amman Institute of Technology, Erode 638401.
13. Successfully completed six days AICTE sponsored Online Short Term Training Programme (STTP) on "SMART MANUFACTURING - OPPORTUNITIES & CHALLENGES" organized by Department of Mechanical Engineering, St. Joseph's College of Engineering Chennai from 13th July 2020 to 18th July 2020.

14. Successfully completed six days FDP on “Recent Developments in Solar Energy Recovery and Storage Technologies” organized by Department of Mechanical Engineering, St. Joseph’s College of Engineering Chennai from 03-08-2020 to 08-08-2020.
15. Successfully completed six days AICTE sponsored Online Short Term Training Programme (STTP) on “SMART MANUFACTURING – OPPORTUNITIES & CHALLENGES” organized by Department of Mechanical Engineering, St. Joseph’s College of Engineering Chennai from 17th August 2020 to 22nd August 2020.
16. Successfully completed NITTR module 1: Orientation towards technical education and curriculum aspects on February 2021.
17. Successfully completed AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "3D Printing and Design" from 2021-07-06 to 2021-07-10 at Dr. Mahalingam College of Engineering and Technology, Pollachi 642003.
18. Attended seven days virtual Faculty Development Programme on ‘Manufacturing Processes’ from 12-08-2021 to 19-08-2021 Organized by Department of Mechanical Engineering in Sai Ram Engineering College, Chennai 44.
19. Attended seven days SAE & ISTE Sponsored virtual Faculty Development Programme on ‘Unconventional Machining Processes’ from 26-07-2021 to 02-08-2021 Organized by Department of Mechanical Engineering in Sai Ram Engineering College, Chennai 44.

DEPARTMENT ACTIVITIES

Dr. S. Arivazhagan

- ✓ Coordinated an online Faculty Development Program on “Environment Friendly Refrigerants and Cycles for Refrigeration and Air-conditioning Applications” with a grant of Rs. 93,000 from AICTE Training and Learning (ATAL) Academy from Sep 7 – 11, 2020.

Dr. N. Arunkumar

- ✓ AICTE Sponsored three weeks Online Short Term Training Programme (STTP) On “**SMART MANUFACTURING – OPPORTUNITIES AND CHALLENGES**” was organized in 3 phases during the following dates. 13-07-2020 to 18-07-2020, 17-08-2020 to 22-08-2020, 14-09-2020 to 19-09-2020.

ADVISORY BUREAU FOR HIGHER STUDIES

The advisory Bureau for higher studies (ABHS) is functioning as a separate wing with the prime notion to serve the student community for getting higher studies 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 has the latest information, books and CD's regarding GRE, TOEFL, GMAT, IELTS, GATE and CAT. For the benefit of the Hostel students, coaching classes for the qualifying exams like GRE, TOEFL, GATE and CAT have been arranged in the campus.

ABHS also organizes guest lectures and seminars to equip the students for pursuing higher studies in India and abroad. Various Workshops and seminars are handled by resource persons from IDP, USIEF, Cambridge University, British Council and other higher studies agencies. Apart from this, the students are exposed to the first-hand information from Associate Director, Deans, Department heads and faculties from many educational institutes like University of California, University of Pennsylvania Graduate school of Education, 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 the application process, scholarships and requirements 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, Stanford university, NJIT, Carnegie Mellon university, University of Massachusetts, Arizona State University, North Carolina state University, Illinois Institute of technology, University of Pennsylvania, Leeds university, University of Birmingham, 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.	2020 - 2021	71**
2.	2019 - 2020	67
3.	2018 - 2019	111
4.	2017 - 2018	145
5.	2016 - 2017	165
6.	2015 - 2016	187

* 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. It is given under three levels - Preliminary, Vantage and Higher. 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 six years, our college is the best preparatory centre and this year we have been awarded as the “**South Asia’s** best 25 preparation centre” by the Cambridge University

S.NO.	NAME	ABROAD/INDIA	UNIVERSITY NAME
1.	Aravindh G	India	Sastra University
2.	Berromike Abisheke A	Abroad	University of Wollongong
3.	Harshvardhan C C	Abroad	Lamar University
4.	Jerish Amul X	India	Ceg, Guindy, Chennai
5.	Kesav Prasad N	India	Ceg, Guindy, Chennai
6.	Naren V	Abroad	Columbia University
7.	Pramoth.T.S	India	Indian Institute of Technology, Kharagpur
8.	Praveen L	India	Bharathidasan Institute of Management, Trichy
9.	Rajasekar R	Abroad	University of the West of England
10.	Raja Srinivasan R	India	Ceg, Guindy, Chennai
11.	Rakshith Sridhar	Abroad	Njit
12.	Rhisai Padmanabhan S B	India	St. Joseph’s College of Engineering
13.	Shailendran P	Abroad	Clemson University
14.	Shebin S	Abroad	Northumbria Of University
15.	Sivasakthi P	Abroad	Technical University of Chemnitz
16.	Suryanarayanan M A	Abroad	Karlsruhe University of Applied Sciences
17.	Thanappan K	Abroad	University of Auckland
18.	Ajay Aravind R	Abroad	Nanyang Technological University
19.	Hariharan V	Abroad	University of Windsor
20.	Renald George Swamy	Abroad	Chalmers University of technology
21.	Manoj Kumar K	Abroad	University of Melbourne

PLACEMENT ORIENTATION PROGRAMME & OTHER ACTIVITIES

The Centre for Training and Placement has conducted Aptitude crash course for second year students by SMART. Aptitude crash course was conducted in two phases, first phase in the third semester & second phase in the fourth semester. 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 SMART 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 OF 2018-19 BATCH

We are proud to inform that 841 students have been selected by the Core / Product Company, Omics, Infosys, Zifo R&D, Tnq, Scope E Knowledge, Fmi, Amazon (Alexa Data Service), Zoomrx, India Mart, Zoho (Tech Support), Spic, Cads Software, My Green Energy, Maestro Steel, Mindtree (Phase Ii), Hsbc, Kaar, Comcast, Hexaware Technologies, Zoho (Intern), Doodle Blue, Bosch, Wipro, Virtusa, Ntt Data, Cts, Tata Communications, Infotrellis, Msc Technology, Fourkites, Verizon, Ntt Data, Infotrellis, Maarga, Tata Communications, Valued Epistemics, Fourkites, Amphisoft, Torry Harris, Excelencia, Teamware Solutions, Thoughtworks Zoho(Content Writing), Sagitec Solutions, Biju's, Bosch (Phase Ii), Sosaley, Sanmina, Odyssey, Amphisoft, Zoomrx, Embedur, Edureka, Capital First, Valleypoint, Valued Epistemics, Data Patterns, Torry Harris, Ninjacart, Excelencia, Valued Epistemics, Pratian Technologies, Rivigo, Lapiz Digital Services, , Autocrat Automotive Stamping Ltd, Capgemini, Yes Bank, Lapiz Digital Services, Surya Infotech, Rivigo, Nvh, Wheels India (Hr Trainee), Costking, Asahi India Glass, Anand Groups, Emerson, Digient, Johnson Controls, Comcast, Sirius, Tcs, Odyssey.



St. JOSEPH'S COLLEGE OF ENGINEERING St. JOSEPH'S INSTITUTE OF TECHNOLOGY



Total of 1579 students are selected through campus recruitment processes for the year 2017 – 18 with an annual salary package, starting from Rs 3 Lakhs to 25 Lakhs for UG & PG students.

Number of Individual Offers : 1351

St. Joseph's College of Engineering : 964

St. Joseph's Institute of Technology : 387

DEPARTMENT WISE - INDIVIDUAL OFFERS

S. No	College	Dept.	Total	Overall
1	ST. JOSEPH'S COLLEGE OF ENGINEERING	CSE	140	964
2		IT	134	
3		ECE	129	
4		EEE	115	
5		MECH	115	
6		EIE	95	
7		ICE	28	
8		CHEM	35	
9		BIO	41	
10		CIVIL	21	
11		MBA	98	
12		PG	13	
1	ST. JOSEPH'S INSTITUTE OF TECHNOLOGY	CSE	89	387
2		IT	41	
3		ECE	73	
4		EEE	79	
5		MECH	77	
6		CIVIL	28	

2020 - 21 CAMPUS PLACEMENT

We are glad to inform that **1351** students have been recruited through the campus recruitment processes by **225** companies in the academic year **2020 - 21**. - as on **8th October 2021**.

TOTAL OFFERS: 1351*

Engineering : 964*

Technology : 387*

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

COMPANY DETAILS

COMITS AG PVT LTD	INVENTION LABS	RGF-PROFESSIONAL	VWR
CONVERTCART	JARO EDUCATION	RHOMBUS LABS	WEBALLURES TECHNOLOGIES
CYIENT	JRA-ANALYTICS	ROBERT BOSCH	WEBVILLEE TECHNOLOGY
DATA PATTERN	JUSPAY	SAINT GOBAIN	WEST AGILE LABS
DBS BANK	JUSTDIAL	SAMARTH	WHIRLDATA SCIENCE
DHL LOGISTICS	K7 COMPUTING	SAMSUNG R&D	WIPRO
DIGIRYTE	KAAR TECHNOLOGIES	SANMAR	WIZELY
DISPATCH TRACK SOFTWARES	KELTON TECHNOLOGIES	SCAPIC INC	YELLOW MESSENGER
DOODLEBLUE	KREA EKNOWLEDGE	SCHUECO	ZALARIS
DXC TECHNOLOGIES	LAVA INTERNATIONAL	SEW EURODRIVE	ZIFO R&D
E-CON SYSTEMS	LnT INFOTECH	SIEMENS	ZOHO
EDLOCUS SOLUTIONS	LUCID TECHNOLOGIES	SIGARAM TECHNOLOGIES	SYNTEL
ELITISTS	MAARGA SYSTEM	SOFTCRYLIC	TORRY HARRIS
EQUITAS BANK	MASTECH INFOTRELLIS	SOFTEON	FOUR KITES
EVENTJINI	MCS SOLUTIONS	SOLITON	COGNIZANT-NEXT
EXPEDITORS	MELSS	SOLUTIONCHAMPS TECHNOLOGIES	MAARGA
FABULYST	MIND TREE	SONY	SUEZ
ASPIRE SYSTEMS	NTT DATA	MBIT WIRELESS	EXCELACOM
DATA MATICS	Mr.Cooper	RELIANCE	PATHCARE
BIG BAZAAR	MAKERDEMY	RANE	JBM AUTO
ENA GAME STUDIO	VALUED EPISTEMICS	TEAM LEASE	IONIXX
SPIC Limited	YES BANK	NETTYFISH NETWORKS	LENNOX
ZOHO - Technical Support	SONATA	EMERSON	KBR
THOUGHTWORKS	VSAN	S10	ATTRA
PAYPAL	ZOOMRx	MULTICOREWARE	ZILKER
AVASOFT	QUBE CINEMAS	EMBEDUR	DIVERTA
MENTIS	NEWGEN	LATENTVIEW	EDIFICE
CGI	KEYENCE	HP	LADDER SURVEY
ATOS SYNTEL	ICA SPECIALTIES	KOOGLE TECH	RAKSHA TECH
AD2PRO MEDIA	NATARAJ OIL MILLS	PULSES	ECO LAB
SKILL-LYNC	BAJAJ ALLIANZ	OPPO MOBILES	SAI DIGITAL
TECH MAHINDRA	MCDERMOTT	BNY MELLON	4 I APPS
INDIA CEMENTS	SIX RED MARBLES	VNPA ENTERPRISES	GEO ADITHYA
HCL	RENAULT NISSAN	MATRIMONY	CISCO
SCHNEIDER ELECTRIC	TEMENOS	RIBBON COMMUNICATION	SIRIUS

**ST JOSEPH'S GROUP OF INSTITUTIONS
CENTRE FOR TRAINING & PLACEMENT
PLACEMENT TRAINING SCHEDULE**

PLACEMENT TRAINING PROGRAMME – 1

FROM I to VI SEMESTERS – FOR ALL STUDENTS

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

Note:

1. The above mentioned trainings from I to VI Semesters are done for all the students. The entire cost of the training is collected during the time of first year admission.
2. Online Placement exams will be conducted by Skill rack from III semester onwards.

PLACEMENT TRAINING PROGRAMME – 2**FROM V to VII SEMESTERS – FOR ELIGIBLE STUDENTS**

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

Note:

The above mentioned trainings from V to VII Semesters are done for the eligible students. The students have to remit the training cost during V Semester.



You Choose, We Do It

St. JOSEPH'S COLLEGE OF ENGINEERING

(An Autonomous Institution)

We Make You Shine



St. JOSEPH'S INSTITUTE OF TECHNOLOGY

St. Joseph's Group of Institutions

Jeppiaar Educational Trust



OMR, Chennai - 119.

2021 – 22 BATCH CAMPUS PLACEMENT

We are proud to inform that **1092** students have been selected by **Product / Core Companies** (Kaar Technologies, ZOHO, HCL(Embedded Systems), Stigmata, Sirius, Thoughtworks, Soliton, Eurofins, Multicoreware, Magzter, Zenus, Bruhat Logistics, Brillio, CAD DESK, Renaissance, Mr.Cooper, e-con, Zifo, Infotrellis, Wipro & Cognizant) through campus recruitment drive held between May to Aug for the academic year **2021-22** with an annual salary package, starting from **3 Lakhs** to **9.5 Lakhs** for UG & PG students.

TOTAL OFFERS: 1092*

Engineering: 724*

Technology: 368*

*As on Oct 08th, 2021

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

PLACEMENT DETAILS OF MECHANICAL DEPARTMENT 2020-21 BATCH

NAME	COMPANY
AAKASH D	
ADARSH M DAS	
AJAI S S	
ARUN KARTHIK P	
BARATHKUMAR S P	
DHANUSH R	
GNANASEKAR K	
GOWTHAM R	
HEJO ANTONY H J	
JAI PRAKAASH U	
KAMALESH KUMAR R	
NAVEEN KUMAR R	
NETHAJI M	
NIZAMUDEEN PMK	
PRINCE K	
RAFTER DAISON JACOB P	
ROBIN SHELTON W	
ROHITH S V	
SAI GANESH R	
SATHISH S	
SETHUVELAPPAN P	
SHASHANKY Y	
SHRI VISHNU N	
SURENDAAR R	
TELVIN VARGHESE	
VIGNESH R B	
VIGNESHWAR S	
VISHWANATH G K	
YOKESH S	
SOORYA REMJUSE	
GANESH PRABHU M	GARUDA AEROSPACE
GANESH PRABHU M	CGI

NAME	COMPANY
HEMANTH PRAKASH G	BYJUS (TCS)
ABHIMANYU	
ABHISHEK JOSEPH	
AJAI S S	
ARUN KARTHIK P	
BARATHKUMAR S P	
DEVA ANAND D	
ELAKKIYAN S	
GNANASEKAR K	
JERDIN NESAKUMAR J	
MOHANKUMAR P	
SATHISH S	
SETHUVELAPPAN P	
SHASHANKY Y	
SUDARSHAN V	
SURENDAAR R	
TELVIN VARGHESE	
VIGNESHWAR S	
VISHWANATH G K	
ANNAMALAI S	
ANUJ C	
AVIINASH T R	
KAMALESH KUMAR R	
SAI GANESH R	
SANJAY RAMESH	
SETHUVELAPPAN P	
SHASHANKY Y	
SHIEK MOHAMMAD AASHICK A R	
TAMIL SELVAN M	
VIGNESH R B	
VISHAL M	

DEPARTMENT TOPPERS

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

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

IV YEAR (2017-2021) - PASSED OUT

Sl. No.	Name of the Student	CGPA
1.	VIGNESHWAR S	9.36
2.	YOKESH S	9.28
3.	KEVIN LEVIS J	9.27
4.	JAI PRAKAASH U	9.05
5.	ASWIN S	9.04
6.	JERDIN NESAKUMAR J	9.01
7.	KISHORE KUMAR M	8.99
8.	SUDARSHAN V	8.97
9.	SURENDAAR R	8.92
10.	TELVIN VARGHESE	8.89
11.	GNANASEKAR K	8.86
12.	SAKTHI GANESH P	8.85
13.	BARATHKUMAR S P	8.84
14.	RAFTER DAISON JACOB P	8.84
15.	AJAI S S	8.83
16.	GOWTHAM R	8.83
17.	RANJITH J	8.83

Sl. No.	Name of the Student	CGPA
18.	ARUN KARTHIK P	8.80
19.	GOWTHAM K E	8.80
20.	NAVEEN KUMAR R	8.80
21.	RAJA PRASATH R	8.77
22.	VISHWANATH G K	8.75
23.	ROHIT HARIHARAN R	8.74
24.	PRINCE K	8.72
25.	VISHAL M	8.72
26.	KAMALESH KUMAR R	8.71
27.	NIZAMUDEEN PMK	8.70
28.	ROHITH S V	8.67
29.	WITTIN PRINCE	8.66
30.	HEJO ANTONY H J	8.65
31.	TAMIL SELVAN M	8.65
32.	SANJAI KING A	8.65
33.	ROBIN SHELTON W	8.63
34.	SHASHANK Y	8.62
35.	AKASH S (29-06-2000)	8.61

III YEAR (2018-2022) - CURRENT IV YEAR

Sl. No.	Name of the Student	CGPA
1.	DAARTHI C	9.46
2.	RAGHAVENDRAN N	9.06
3.	GOPINATH R	9.03
4.	JERICKSON PAUL B	8.95
5.	HEMKUMAR S	8.86
6.	RAGHURAMAN L	8.82
7.	DINESH KRISHNA K	8.77
8.	AKASH T	8.74
9.	CHARAN KUMAR REDDY S	8.72
10.	NIDISH K	8.70

Sl. No.	Name of the Student	CGPA
11.	VIGNESH SIVANESAN S P	8.69
12.	DHIRAJ KUMAR R	8.69
13.	SRIRAM K S	8.68
14.	AKASH SHANKAR	8.66
15.	ANTON REGIS M	8.64
16.	ARNESH BOSE S	8.64
17.	GAUTHAM U	8.64
18.	KARAN T	8.63
19.	SANJEEVI J	8.62
20.	AKASH S S	8.6
21.	MUKHESH U	8.60

II YEAR (2019-2023) - CURRENT III YEAR

Sl. No.	Name of the Student	CGPA
1.	AAKASH K	9.45
2.	ANDREWS EMERALD J S	9.38
3.	TEJHAS SREE S	9.30
4.	AKASH SANJEEVI K	9.29
5.	JAYAVANAN R	9.24
6.	NAVIN SALES MICHAEL J	9.23
7.	SHAJU S	9.23
8.	ANIRUDH GOVINDAN	9.21
9.	ASWIN RAJ A	9.20
10.	THAMILSELVAM MOWLLEY	9.14
11.	MANI NITHIK A V	9.13
12.	HISHAMUDHEEN THAJUDEEN	9.12
13.	PRANAV S	9.12
14.	JOSEPH NAVIS ROBINSTON A	9.10
15.	VASANTH R	9.07
16.	MATHIAZHAGAN R	9.03
17.	ASHWIN VIGNESH V	8.98
18.	SURESH	8.93
19.	SAKTHIVEL K	8.91
20.	BAANU CHANDAR R S	8.91
21.	RAJESH KRISHNA B	8.90
22.	DOMNIC SAM CARDOZA	8.89

Sl. No.	Name of the Student	CGPA
23.	SHRI YOKESH S T	8.88
24.	ALFRED PRASANNA	8.87
25.	SAAI SATISH P K	8.80
26.	SUSEENDRAN L	8.80
27.	KISHOREKUMAR S	8.79
28.	DAVID ABRAHAM CHRISTEL A	8.79
29.	AKSHIV S	8.75
30.	NANDHA KISHORE K	8.71
31.	MIR ZULKIFAL	8.69
32.	KIRITHIC BALA A	8.68
33.	VIGNESH A	8.67
34.	FELIX KARAN	8.67
35.	BHARATH D	8.67
36.	FELIX KARAN	8.67
37.	HARSHITH RAJ I K	8.66
38.	MAHENDRA SARAVANAN A	8.66
39.	KAMAL S	8.65
40.	HABIS RY ANTO T	8.65
41.	THANGA PRAKASH M	8.62
42.	JEEVATHITH R	8.61
43.	BHARATHKUMAR R	8.61
44.	SRIRAM S	8.60

I YEAR (2020-2024) - CURRENT II YEAR

Sl. No.	Name of the Student	CGPA
1.	RUFFES RAJA E	9.48
2.	MUGILAN R	9.48
3.	CYRIL MOSES L	9.46
4.	MIDHUNRAJKUMAR M	9.44
5.	ANIRUDHA H	9.44
6.	PRASANNA KUMAR T	9.36
7.	MADHUSUTHAN A V	9.34
8.	SHERBIN DHAS G	9.28
9.	RAHUL M	9.24
10.	INFANT KENETH X	9.24
11.	BHARATH S	9.22
12.	HARISH R	9.2
13.	AROCKYA MARKLINSE U	9.20
14.	HARIRAM M	9.20
15.	SRIIRAM S V	9.18
16.	LIJO R M	9.18
17.	ROSHAN K P	9.16
18.	SATHISH KUMAR V	9.16
19.	SAMUEL GLADWIN J	9.12
20.	KINGSLY S	9.12
21.	NAVINJITH AJITH	9.12
22.	NAKSHATHRAA N J	9.1
23.	ANDROW D H	9.10
24.	SAFIN FERNANDO S	9.08
25.	MOHAMED HAMMAD H	9.08
26.	AROCKIA ROBINSON A	9.06
27.	PIOUS SUNIL R	9.04
28.	ESHWAR N K	9.02
29.	SANTHIYA N	9.02

Sl. No.	Name of the Student	CGPA
30.	SUBIN M	9
31.	SAKILESH J	8.98
32.	SURYA PRAKASHS M	8.98
33.	MAIGNANASIVAM R	8.98
34.	IDRIS AHAMED	8.96
35.	LOGESHWARAN R	8.96
36.	TAGORE YOGANANDA S	8.94
37.	MUGILAN M A	8.94
38.	ABHISHEK P A	8.94
39.	ADITHYA KAMILLA	8.92
40.	PRAVEEN RAJA D	8.9
41.	THANIGAIVEL G	8.9
42.	ANBAZHAGAN K	8.90
43.	ROBIN WESLY A	8.88
44.	VARUN KUMAR V	8.88
45.	JEROME ROJER	8.88
46.	ANVITA PANDEY	8.88
47.	PREAM KUMAR D	8.86
48.	SRI SIVAPRATHISHWARAN	8.86
49.	BRIAN JEFFERY A	8.86
50.	SIFY RANJAN V K	8.84
51.	JEBIN JOEL J	8.84
52.	ALWIN VICTOR S R	8.84
53.	ROJER JOHN R	8.82
54.	NARESH KUMAR U	8.82
55.	VIJIN V	8.8
56.	JEEVA R	8.8
57.	JOSHIN J S	8.8
58.	ALAN CHRISTOPHER M	8.80

Sl. No.	Name of the Student	CGPA
59.	CHANDRA KISHOR R K	8.80
60.	PRASANNA SHANKAR D	8.78
61.	METHUNESH G	8.78
62.	ROHIT ALTAN D	8.78
63.	AJAI GOVIND P S	8.78
64.	GOKULNATH K	8.78
65.	SHANMUGASUNDARAM M	8.76
66.	JOHN SAMUEL T	8.76
67.	MANIMARAN M	8.76
68.	LAXMAN V	8.74
69.	NAUSHAD F	8.74
70.	SRIRAMSINGH L	8.72
71.	YOKESHWARAN M	8.72
72.	JENSTON S J	8.72
73.	RUBAN V	8.72
74.	NAVEEN DSOUZA A	8.7

Sl. No.	Name of the Student	CGPA
75.	ALOYSIUS ANTONY	8.70
76.	HARI HARAN P	8.70
77.	SENTHIL KUMAAR S	8.68
78.	THARUN BALAJI K E	8.68
79.	VINAY SANTOSH S	8.68
80.	KRITHIKA V	8.68
81.	PAVITHRAN M	8.68
82.	KARTHIKEYAN S	8.66
83.	ALDRIN JOSE PETER C	8.66
84.	ROBERTSON S	8.64
85.	SAM RICHARD N	8.64
86.	SANDEEP RAJ C	8.64
87.	MOHAMED IMRANSHA B	8.64
88.	OM KUMAR M S	8.64
89.	SUJEETH F S	8.6
90.	DHANUSH S	8.60

P.G. (MANUFACTURING ENGINEERING)

Passed Out		
Sl. No	Name of the Student	CGPA
1.	MANIKANDAN R	9.03
2.	RHISAI PADMANABHAN S B	8.5
3.	SOORYA REMJUSE	9.4

P.G. II YEAR (MANUFACTURING ENGINEERING)

Sl. No.	Name of the Student	CGPA
1.	VIGNESHWARAN G	9.41
2.	ABHISINI A H	9.18

CURRICULAR ACTIVITIES

To bring out the inherent talent and to overcome the inhibitions of our students, our department encourages students to participate in the technical meets organized by other institutions by presenting papers, participating in technical quiz and other competitions.

II YEARS

Sl. No.	Name of the Student	Name of the Event	Organiser	Place
1	Aakash K	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
2	Akash Sanjeevi K	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
3	Ashwin P M	Auto PJCE E – Quiz 2020	Ponjesly College of Engineering, Nagercoil	I
		Elocution Competition	RUSA and EBSB Club of Anna University, Chennai	I
		Technical Quiz	Rajalakshmi Institute of Technology, Chennai	I
4	Baanuchandar R S	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
5	Dhinesh Manivannan	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
6	Chittaranjan G	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
7	Dinesh Kumar J S	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
8	Domnic Sam Cardoza	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
9	Gurubalan	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
10	Maria Kevin Jerome	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
11	Niranjan Kulasekara Pandian	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
12	Prince Antony Claret S	Post Pandemic Era: Challenges and Opportunities	Vellore Institute of Technology	III
13	Shaju S	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
14	Sheltol Andrews	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
15	Vincy Peterson	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24

III YEARS

Sl. No.	Name of the Student	Name of the Event	Organiser	Place
1	Prashanth Anand V	International Conference (IEEE-ICSCAN 20)	Manakula Vinayagar Institute of Technology, Puducherry	Published
2	Abhidhab Mellwyn	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
3	Arnesh Bose S	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
4	Daarthy C	International Conference (IEEE-ICSCAN 20)	Manakula Vinayagar Institute of Technology, Puducherry	Published

Sl. No.	Name of the Student	Name of the Event	Organiser	Place
5	Geoffrey Levis G.R	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
6	Harish P	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
7	Hemkumar S	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
8	Jerickson Paul B	International Conference (IEEE-ICSCAN 20)	Manakula Vinayagar Institute of Technology, Puducherry	Published
9	Joel Philip Daniel	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
10	John Vivin P	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
11	Karthick P K	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
12	Mohana Ranga S	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
13	Mukhesh U	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
14	Nitheshkumar K	International Conference (ICPFAM28)	Vellore Institute of Technology, Chennai	Published
15	Prashanth Anand V	International Conference (IEEE-ICSCAN 20)	Manakula Vinayagar Institute of Technology, Puducherry	Published
16	Sanjay Kumar R	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
17	Shenbaga Raj	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36

IV YEARS

Sl. No.	Name of the Student	Name of the Event	Organiser	Place
1	Aakash D	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
2	Abhishek Joseph	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
3	Ajai S S	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
4	Aswin S	International Conference (ICRIET 2020)	Nandha Engineering College, Erode.	Published
5	Clijo C Guidan	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
6	Dhuvragesh B	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
7	Ebin Issac T	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
8	Ganesh Prasanna K	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
9	Gnanasekar K	International Conference (IEEE-ICSCAN 20)	Manakula Vinayagar Institute of Technology, Puducherry	Published
10	Gowtham K E	International Conference (IEEE-ICSCAN 20)		Published
11	Gowtham N	International Conference (IEEE-ICSCAN 20)		Published
12	Guru Adithya	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
13	Hari Prasad	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
14	Jai Prakash U	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
15	Jerdin Nesakumar J	International Conference (IEEE-ICSCAN 20)	Manakula Vinayagar Institute of Tech., Puducherry	Published

Sl. No.	Name of the Student	Name of the Event	Organiser	Place
16	Kavin Raghav S	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
17	Koushik Saravana Krishnan	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
18	Lokesh M	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
19	Madhupriya K	International Conference (IEEE-ICSCAN 20)	Manakula Vinayagar Institute of Technology, Puducherry	Published
20	Moulis B S	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
21	Mourian B	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
22	Nanda Kumar B	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
23	Rafter Daison Jacob P	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
		International Conference (IEEE-ICSCAN 20)	Manakula Vinayagar Institute of Technology, Puducherry	Published
24	Rohit Hariharan R	m-BAJA SAE INDIA 2021	SAE INDIA	AIR - 24
25	Sakthivel S	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
26	Sethuvelappan P	International Conference (ICTAMDMES'20)	St. Joseph's College of Engineering, Chennai - 600119	Published
27	Shanmathi M	International Conference (IEEE-ICSCAN 20)	Manakula Vinayagar Institute of Technology, Puducherry	Published
28	Vishal Aravinth M	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36
29	Wittin Prince C	e-BAJA SAE INDIA 2021	SAE INDIA	AIR - 36

II YEAR M.E. (Manufacturing Engineering)

Sl. No.	Name of the Student	Name of the Event	Organiser	Place
1	Manikandan R	National Conference (NCFPBS-21)	SAS School of Arts and Science	Published
2	Rhisai padmanabhan S B	International Conference (ICAMM-2021)	Sri Sivasubramaniya Nadar College of Engineering, Chennai	Published
		International Conference (ICAMM-2021)		Published
		International Conference (ICAMM-2021)		Published
		National Virtual Conference (ARAM-2021)		Published
3	Soorya Remjuse	National Conference (NCFPBS-21)	SAS School of Arts and Science	Published
4	Senthil Rajan R M	National Conference (NCFPBS-21)	SAS School of Arts and Science	Published

GUEST LECTURES

To give an exposure in the latest and new technologies to our students, **Mr. M. Subramanian**, the Guest Lecture in-charges put an extra effort to identify the right delegates who would impart their knowledge to the students. This year the following lectures were arranged.

Sl. No.	Title of the Lecture	Date	Guest	Year & Section
1.	Core Competencies for Mechanical Engineers to become Industry Ready	06.06.2020	Mr. Dhivakar Murugesan , Technological Development Engineer, Intel Corporation, USA	IV A, IV B, IV C
2.	3D printing applications in industry 4.0	09.06.2020	Mr. Sudheer Kumar Aitha Application Engineer R.K. Microns Pvt. Ltd. Kurnool, Andhra Pradesh - 518501	II A, II B, II C
3.	A career in Information Technology	13.06.2020	Mr. Vivian Charles , Senior Program Manager, Bell, Ottawa, Ontario, Canada	IV A, IV B, IV C
4.	Opportunities for Future Engineers in Information Technology (IT) Service	30.06.2020	Mr. M. Mathiyazhagan , DGM, ERS-MMT-Medical-SME, HCL Technologies Ltd - Chennai	III C
5.	Strategy & Evolution of Green Automotive Environment	04.07.2020	Mr. N Arun Prakash Subject Matter Expert Engines & Electrification – Jaguar Land Rover United Kingdom	III A & III B
6.	How to skill yourself for a career during Covid	09.05.2020	Mr. Aravind Ganesh Grinntech Motors and Services Sourcing Engineer – Mechanical (Alumnus of St Joseph's College of Engineering)	IV A, IV B, IV C

VALUE ADDED COURSES

THIRD YEARS				
S. No	Name/ Title of the Value Added Course(s)	Name of the organization / Institute Training the students	Relevance to the students	Date
1.	3D Printing	Internal-Department of Mechanical Engineering, St.Joseph's College of Engineering	Additive Manufacturing - Concepts, Design and Manufacturing of Polymer Materials	11.11.2020- 15.11.2020

SAE STUDENTS CHAPTER

SAE e-Baja 2020

Society of Automotive Engineering (SAE Collegiate Club) is Student Chapter activity established in St. Joseph's College of Engineering in the year 2012. We have a active membership of 75 students from Mechanical department and 4 students from Electrical Department We have been actively participating in car events like SUPRA & BAJA from SAE and MEGA ATV championship by AUTOSPORT.

Baja SAE India is an intercollegiate competition run by the Society of Automotive Engineers (SAE), India. Teams from various engineering colleges across India which includes IIT's and NIT's, design, build and race off-road vehicles that can withstand harsh conditions in rough terrains. The event is recognized internationally and provides a platform for the students to showcase their engineering skills and acumen.

Aurelian Racing Team – m-BAJA

m-BAJA is a Mechanical (i.e, Engine and Transmission) based vehicle comprises of a team of 25 passionate students from the Mechanical department of our college, ably guided by the staff in-charges Mr. T. Balasubramanian and Mr. A. Ruskin Bruce and supported by the Mechanical department, took part in the 13th edition of the Baja SAEINDIA 2021 which was held between 22 & 25 April 2021. This was the 2 time "Aurelian Racing Team" took part in this prestigious competition. The event was conducted through online mode due to the covid-19 pandemic. The team endured a very challenging and competitive journey, securing an All-India Rank of 45 and a state rank of 4. The event witnessed a participation of 200 teams on the whole. Various events like design evaluation, costing, and sales evaluation were conducted to test the technical and marketing skills. On the whole the team gained invaluable experience and insight, as to what kind of engineering standards are required to thrive in the current scenario. The team secured the following national and state rankings:



EVENTS	ALL INDIA RANK	TAMILNADU RANK
Preliminary event	25	4
Dynamic event	45	4
Design evaluation	25	4

Inferno Racing Team – e-BAJA

e-BAJA is a Electrical (i.e, Motor and Transmission) based vehicle comprises of a team of 25 passionate students from the Mechanical & Electrical department of our college, ably guided by the staff in-charges Mr. P. Manoj Kumar and Mr. R. Elakkiyadasan and supported by the Mechanical department, took part in the 13th edition of the Baja SAEINDIA 2021 which was held between 22 & 25 April 2021. This was the 5 time “Inferno Racing Team” took part in this prestigious competition. The event was conducted through online mode due to the covid-19 pandemic. The team endured a very challenging and competitive journey, securing an All-India Rank of 39 and a state rank of 6. The event witnessed a participation of 100 teams on the whole. Various events like design evaluation, costing, and sales evaluation were conducted to test the technical and marketing skills. On the whole the team gained invaluable experience and insight, as to what kind of engineering standards are required to thrive in the current scenario. The team secured the following national and state rankings



EVENTS	ALL INDIA RANK	TAMILNADU RANK
Dynamic Event	39	6
Cost	15	1



ISHRAE STUDENTS CHAPTER

The Inaugural ceremony of the ISHRAE student chapter of St. JOSEPH'S COLLEGE OF ENGINEERING was conducted via online video conference on 8th MAY 2020. The event was graced by chief guest **Dr. R. Saravanan**, VICE PRESIDENT, ISHRAE COMMUNICATION – HQ.

President of ISHRAE Chennai Chapter, **Mr. Alisodai Velu** announced the office bearers for the tenure 2020-2021. Subsequently students took pledge as the Office Bearers. Secretary of ISHRAE Chennai Chapter **Mr. Ferno Susai** delivered an eloquent speech about the necessity of skill set development with the present trends.

ISHRAE Student Chapter, Chennai, has arranged an guest lecture by **Dr.S.Arivazhagan** on the topic “**Radiant Cooling system for office buildings**” on 8th MAY 2020.

St. Joseph's College of Engineering **ISHRAE**
St. Joseph's Group of Institutions
OMR, Chennai- 119.
(Accredited by NBA, Accredited with "A+" Grade by NAAC)

ISHRAE STUDENT CHAPTER 2020-2021
INVITATION FOR

Digital CWC Installation Ceremony
For
The Academic Year 2020-21

CHIEF GUEST
Dr.R.SARAVANAN
Vice President- Communications
ISHRAE HQ

GUEST OF HONOR
Dr.VADDI SESHAGIRI RAO
Principal
St. Joseph's College of Engineering

**ON 8TH MAY, 2020
AT 6.00 PM**

Mr. ALISODAI VELU
President
ISHRAE Chennai Chapter

Mr. FERNO SUSAI
Secretary
ISHRAE Chennai Chapter

Mr. JAMES DEEPAK
Chair-Student Activities
ISHRAE Chennai Chapter

Dr.V.ANTONY AROUL RAJ
Regional Chair-Student Activities
ISHRAE South Zone

ISHRAE Student Chapter, Chennai, has arranged an guest lecture by **Mr.B.Sankaranarayanan** on the topic “Tunnel Ventilation system for Metro Rail Basics and Key Aspects” on 23.05.2020 to give an exposure in the latest and new technologies to our students. The lecture was so interesting and inspired our students, they had an overall view about the Maintenance and Working on Tunnel ventilation

You Choose We do it
St. Joseph's College of Engineering
St. Joseph's group of Institutions
OMR, Chennai-119

Cambridge English Qualifier
Counselling Code: 1317
NBA 2019 BANC - 128
26
NBA 2019 BANC - 128
A+ NAAC
STUDENTS ISHRAE

ISHRAE STUDENT CHAPTER
Department of Mechanical Engineering
Invites you to a webinar on
Tunnel Ventilation System for Metro Rail - Basics and Key Aspects
23rd May 2020 Time 11.00 a.m.

Mr. B. Sankaranarayanan has graduated in Mechanical Engineering from College of Engineering, Guindy, Anna University Chennai in 1991. He has a rich experience of over 28 years in the field of HVAC, having worked in Voltas, L&T, Unimech Systems India and ETA Engineering prior to his present position. He has been Regional Director - South of ISHRAE in 2017-18 and the President of its Chennai Chapter in 2013-14. He is currently working as General Manager-Projects in Sterling & Wilson Pvt Ltd, Chennai.

Speaker
Mr B Sankaranarayanan
GM Projects
Sterling & Wilson Pvt. Ltd
Chennai

For Registration
<https://forms.gle/P31gLDZD7h0ag7>

For Queries
9791076067
sjcmechwebinar@gmail.com

Faculty Coordinator: **Mr P Manojkumar, Assistant Professor/Mech Engg**

Mr Alisodai Velu
President,
ISHRAE Chennai Chapter

Mr James Deepak
Chair-Student Activities,
ISHRAE Chennai Chapter

Dr N Arunkumar
HOD/Students Affairs
St. Joseph's College of Engg

Dr S Arivazhagan
HOD / Lab Affairs
St. Joseph's College of Engg

Dr Vaddi Seshagiri Rao
Principal
St. Joseph's College of Engineering

Registration is FREE
E-Certificate will be issued for the active participants

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

ISHRAE
Department of Mechanical Engineering
Certificate of Participation
STUDENTS ISHRAE

This is to certify that **Manoj Kumar P** of **St. Joseph's College of Engineering** has participated in webinar on “**Tunnel Ventilation System for Metro Rail - Basics and Key Aspects**” held on 23rd May 2020.

Mr Alisodai Velu
President
ISHRAE Chennai Chapter

Mr James Deepak
Chair-Student Activities
ISHRAE Chennai Chapter

Dr. Vaddi Seshagiri Rao
Principal
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ST. JOSEPH'S COLLEGE OF ENGINEERING
ST. JOSEPH'S GROUP OF INSTITUTIONS
 COUNSELLING CODE(1317)
ISHRAE STUDENT CHAPTER

ISHRAE Chennai Chapter

STUDENTS @ ISHRAE

• RISING WISE @ HOME
AN ONLINE SCIENCE QUIZ

FOR +1 & +2 STUDENTS

PARTICIPANTS AND WINNERS WILL BE PROVIDED E-CERTIFICATE

29.05.2020

DOORS OPEN AT 11.00 AM THROUGH ZOOM
<https://us02web.zoom.us/join/9101766666>
click the link above OR scan to register

CHIEF PATRON
 Dr. BABU MANOHARAN, M.A., M.B.A., Ph.D
 CHAIRMAN
 ST. JOSEPH'S GROUP OF INSTITUTIONS

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 Mrs. S. JESSIE PRIYA, M.Com
 MANAGING DIRECTOR
 ST. JOSEPH'S GROUP OF INSTITUTIONS

Mr. B. SHASHI SEKAR, M.Sc.
 DIRECTOR
 ST. JOSEPH'S GROUP OF INSTITUTIONS

CONTACT: staff: Manoj Kumar : 9791076067
student: sarath: 7550331419

An inter school science quiz competition was organized and conducted on the 29th of May 2020 by the **ISHRAE** student members of St. Joseph's college of engineering, Chennai as a part of K12 activity. It was a live interactive quiz. Around 70 students eagerly participated in the quiz. **Dr. S. Arivazhagan**, HOD(Staff Affairs), Department of Mechanical Engineering, St. Joseph's College of Engineering welcomed all the participants, colleagues and the board members.

Dr. N. Arunkumar, HOD(Student Affairs), Department of Mechanical Engineering, St. Joseph's College of Engineering, gave a final vote of thanks and expressed his gratitude towards all the participants and encouraged them to not waste time during this period of lockdown and utilize this time to enhance their skills.

ISHRAE Chennai Chapter

St. Joseph's College of Engineering
 St. Joseph's Group of Institutions
 OMR, Chennai-600 119.
 (Accredited by NBA, Accredited with "A+" Grade by NAAC.)

1st Place

This certificate is proudly presented to

M. Priyanka

From

Vyasa Vidyalaya

has won 1st place in Rising wise @ home a Science Quiz for 11th and 12th std. students Conducted by ISHRAE Student Chapter of St Joseph's College of Engineering on 29-May-2020.

Mr. Alisodai Velu (President), Mr. Ferno Susai (Secretary), Mr. Hari Prasad (K12 Activity Chair), Dr. Vaddi Seshagiri Rao (Principal)

The Students who won the prizes are listed below. More than 50 students have actively participated in the completion from various schools across Tamilnadu.

S.No	Student Name	School Name	Prize Won
1.	M. Priyanka	Vyasa Vidyalaya	I
2.	S. Lalitha Manohar	Bhaktavachalam Vidhyashram	II
3.	Ram Nachiappan	Venus School	III
4.	Telma Varghese	Kendra Vidhyalaya	IV
5.	I. Joshua Giftson	Zion Matriculation Hr. Sec. School	V

STUDENTS COMPETITIVE EXAM RESULTS

A competitive examination is an examination where candidates are ranked according to their grades. Their results are used as entrance examination for post graduate in various Indian and foreign universities.

S. NO.	NAME	EXAM	MARKS / GRADE
1.	ABDUL WAHAB M A	CAT	64.28
2.	AJAY ARAVIND R	GRE	302
3.	AJAY ARAVIND R	IETLS	7
4.	ANANTHA RAMAN K N	TANCET	88.24
5.	ANBARASAN M	GATE	18.81
6.	BALAJI G P	TANCET	93.52
7.	BALAKRISHNAN S	GRE	297
8.	BRAMMOD S	IETLS	7.5
9.	CHRISTOPHER S	TANCET	84.39
10.	ELANGKEERAN N	TANCET	78.48
11.	HARIHARAN V	IETLS	7
12.	LINORUS E	GATE	12.53

S. NO.	NAME	EXAM	MARKS / GRADE
13.	LIVINGSTON M	TANCET	97.87
14.	LIVINGSTON M	CMAT	86.73
15.	MANOJ KUMAR K	PTE	71
16.	MUKESH RAJAN NAGARAJAN	CAT	79.94
17.	RENALD GEORGE SWAMY	IETLS	6.5
18.	RHENIUS CHRISTO C	TANCET	10
19.	SANJAY ANDREWS CHERIAN	GATE	19.16
20.	SANMUGAPRIYA S S	IETLS	7
21.	SHANMUGANAND S	GATE	29.64
22.	VIGNESH H	GATE	7.29

BEC TRAINING

Cambridge English: Business Certificates, also known as Business English Certificates (BEC), are a suite of three English language qualifications for international business.

Cambridge English: Business Preliminary (BEC Preliminary) – CEFR Level B1

Cambridge English: Business Preliminary, also known as Business English Certificate (BEC) Preliminary, is the first of the three certificates. It is an intermediate level exam.

Cambridge English: Business Vantage (BEC Vantage) – CEFR Level B2

Cambridge English: Business Vantage, also known as Business English Certificate (BEC) Vantage, is the second of the three certificates. It is an upper-intermediate level exam.

Cambridge English: Business Higher (BEC Higher) – CEFR Level C1

Cambridge English: Business Higher, also known as Business English Certificate (BEC) Higher, is the third of the three certificates. It is a high level exam. They will help you to achieve your ambitions to:

- ❖ Work abroad
- ❖ Work with international organizations in your own country
- ❖ Study business-related subjects taught in English.

They show that you can use English confidently in international business environments. The results of BEC are PRELIMINARY: 141, VINTAGE: 63.

St. Joseph's Civil Services Academy

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.

St. Joseph's Defence Officers Academy

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

Activities Conducted during Academic Year 2021- 2022

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

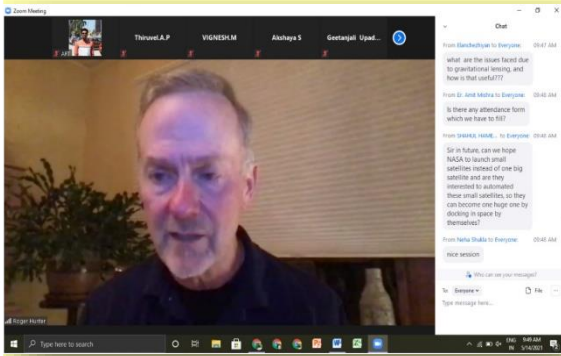
1. Conducted 3- Days Workshop on “**Role of Electrical Engineer in Space Agency**”, by **Mr. Roger Hunter (Program Manager, NASA, California, United States)**, **Mr. A Benzigar Rajan (Scientist, ISRO, Tamilnadu, India)** and **Mr. Goutam Chattopadhyay (Senior Scientist, NASA-JPL, California, United States)** held from 14/05/2021 to 16/05/2021.
2. Conducted a Webinar on “**Career Opportunities for Engineers in Indian Navy**” by **Commodore P.C.Maragathavelan, Chief Quality Assurance Officers (Eastern Fleet Stores), Indian Navy, Visakapatnam** held on 04/06/2021.
3. Conducted a Webinar on “**Engineers Make A Difference**” by **Mr. Siddharth Thangaraj, I.R.S., Deputy Commissioner, GST & Central Excise Customs, Tirupur** held on 27/06/2021.

Achievements

Our student **Ms. A. Vijayalakshmi**, 2010-14 Batch, Department of Computer Science Engineering, has secured 24th Rank in Group- I services 2017 of Tamilnadu Government. She has been appointed as Assistant Commissioner of Commercial Taxes (State GST Department) in Kumbakonam, Tamilnadu.



Mr. A Benzigar Rajan, Senior Scientist, ISRO, Tamil Nadu, India presented a workshop on 15th May 2021 addressing the role of the Electrical Engineer in the Space Agency.



Mr. Roger Hunter, a renowned Program Manager at NASA talked about the role of Electrical Engineer in Space Agency on May 14, 2021.

Mr. Goutam Chattopadhyay S , Senior scientist in NASA, presented a webinar on the role of electrical engineers at space agencies, 16th May 2021,



BEST OUTGOING STUDENT AWARD

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 efforts as appreciation is the only tool which enables us to build the impossible. Mankind's greatest achievements have come about by constant encouragement. Our greatest hopes could become reality in the future if our efforts are recognized. With this the possibilities are unbounded. All we need to do is to appreciate and encourage the young minds as most achievers are people who have made a strong and deep dedication to pursue a particular goal. St. Joseph's recognizes this dedication by awarding the student with "The Best Outgoing Student Award". The most prestigious and most awaited award ceremony of the year "The Best Outgoing student Award" for this year was held in the St. Joseph's indoor Auditorium.

The criteria of best outgoing students are

- ❖ **Good in academics (CGPA)**
- ❖ **Good communication skills**
- ❖ **Best managerial skills**
- ❖ **Active participation in extracurricular & co- curricular activities.**
- ❖ **Attendance (not taken more than 4 days in a semester)**
- ❖ **Got placed or got admission for higher studies (secured good score in GRE or GATE exam if admission is not confirmed)**
- ❖ **Brought laurels to the department or college**
- ❖ **Organized activities at department level or college level**

- ❖ Not undergone any disciplinary proceedings and maintaining neat dress code
- ❖ Quality of final year project.

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 students by voting. The student who gets the highest number of votes would be awarded the best student award for the year. The Best outgoing students were felicitated by the chairman Dr. B. Babu Manoharan.

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

S. No.	Department	Name of the best outgoing student	The criteria of best outgoing students are good in academics, good communication skills, best managerial skills, as well as good in extracurricular, co-curricular activities.
1	CSE	Ms. Anuradha Krishnarathnam	
2	ECE	Ms. Shruthi S	
3	EEE	Ms. Swathish G	
4	IT	Ms. Pradeepa A	
5	CHEM	Mr. Ragul R	
6	ICE	Ms. Kaviya M	
7	EIE	Dellecta Jessy Rasmi Ramesh R	
8	MECH	MR. VIGNESHWAR S	
9	CIVIL	Mr. Jashwanth Kumar A R	
10	BIO	Mr. S.B. Athishparsuram	
11	MBA	Mr. Viraraghavan L K	
12	MCA	Ms. Vaishni V	

SPORTS DIARY: 2020-21

ANNA UNIVERSITY ZONE III

S No	Games	Category	Date	Venue	Results
1.	Badminton	Girls	11/03/2021	Loyola ICAM	Winner
2.	Ball Badminton	Boys	19/03/2021	Thangavel Engg	Winner
3.	Basket ball	Boys	11/03/2021 & 12/03/2021	Loyola ICAM	Winner
4.	Chess	Girls	26/03/2021	Meenachi Sundharajan College Of Engg.,	Winner
5.	Chess	Boys	26/03/2021	Meenachi Sundharajan College Of Engg.,	Runner
6.	Hockey	Boys	27/03/2021 & 28/03/2021	AC Tech.,	Winner
7.	Kabaddi	Boys	25/03/2021	SRM Eswari College Of Engg.,	Winner
8.	Volleyball	Boys	30/03/2021	SMK Fomra	Winner

You Choose, We Do It
St. Joseph's College of Engineering
Department Toppers

B.E-MECHANICAL ENGINEERING

**Passed Out
(2020-2021)**



Mr.SRIMAN BHARADWAJ M G
 CGPA:9.4
 S/o Mr. M.M. Gurumoorthy
 Mrs. M. G. Lakshmi



Mr.SHANMUGANAND S
 CGPA: 8.90
 S/o Mr. S. SELVAM
 Mrs. S.KAMAKSHI

IV Year



Ms.DAARTHI C
 CGPA:9.46
 D/O Mr.I.CHARLES
 Mrs.X.AUXILIA



RAGHAVENDRAN N
 CGPA:9.06
 S/O: Mr.NAGARAJAN
 Mrs.N.PRIYA

III Year



AAKASH K
 CGPA:9.45
 S/O: Mr. M. KANTHASWAMY
 Mrs. E. RAJAM



VIGNESHWAR S
 CGPA: 9.1
 S/o Mr. V. Senthamizh Selvan
 Mrs. J. S. Anuradha

II Year



BHARATH S
 CGPA:9.68
 S/O: Mr. K.SUTHAGAR.
 Mrs. S.JEYALAKSHMI



MUGILAN R
 CGPA:9.48
 S/O: Mr. N.RAJAN BABU
 Mrs. R. SUBALAKSHMI

M.E-MANUFACTURING ENGINEERING

**Passed Out
(2015-2019)**



Ms. SOORYA REMJUSE
 CGPA:9.4
 D/O Mr.A REMJUSE
 Mrs BESSY REMJUSE



Mr.MANIKANDAN R
 CGPA:9.03
 S/o Mr.J.RAVI
 Mrs.N.JAYA

II Year



Mr. VIGNESHWARAN G
 CGPA:9.41
 S/O Mr.V.GANESAN
 Mrs.G.VAIJAYANTHI MALA



Ms. ABHISINI A H
 CGPA:9.18
 D/O:Mr.T. ASHOKKUMAR
 Mrs.R.HELEN INDIRA RANI