

You Choose, We Do It

St. JOSEPH'S COLLEGE OF ENGINEERING (An Autonomous Institution)

St. Joseph's Group of Institutions

OMR, Chennai - 119

AUGUST 2023



DEPARTMENT OF BIOTECHNOLOGY

S.No.	Title of the Events and Photographs	Details of the Event
1.		Alumni Meet was organized in the biotechnology department on 26 th September 2023.
2.	FDP/WORKSHOP/CONFERENCE	1 Attended a Five Day's Faculty Development Program on "Green



CERTIFICATE

OF PARTICIPATION

This certificate is proudly awarded to

Dr.Baskar Gurunathan

St. Joseph's College of Engineering, Chennai has attended a Five Day's Virtual Faculty Development Program on "Green Technology and Suatainability-2023" from 24th to 28th July 2023, organized by Department of Petrochemical Engineering, JCT College of Engineering and Technology, Coimbatore -641105.

Mr.A.Rajkumar Coordinator

Dr.S.Kavitha

Dr.S.Manoharan Principal

Certificate of Dr.G.Baskar

- Technology and Suatainability 2023" from 24th to 28th July 2023, organized by Department of Petrochemical Engineering, JCT College of Engineering and Technology, Coimbatore -641105.
- 2. Participated in Webinar on "Excellence in Peer Review: How to be an Effective Peer Reviewer" by Taylor and Francis.







Photos from Symposium

PUBLICATIONS(ONLY PUBLISHED) DETAILS

2023.

2. Certificate of Reviewer Recognition from Industrial Crops and Products Journal.

1. Completed EndNote Certificate Series

3. Certificate of Reviewer Recognition from Hindawi Journals.

4.



4. Ms.K.R.Preethy registered a patent on Contusion dressing sheet formulation using unification of glycoprotein and reduced carbon source.

Certificate copy of Dr.G.Baskar





Industrial Crops and Products

Certificate of Reviewing

Awarded for 6 reviews between September 2018 and August 2023 presented to

BASKAR GURUNATHAN

in recognition of the review contributed to the journal

The Editors of Industrial Crops and Products



Certificate copy of Dr.G.Baskar



Certificate copy of Dr.G.Baskar

Docket Number:83805

Date/Time: 21/08/2023 Agent Number:

To, K.R. PREETHY

ST.JOSEPH"S COLLEGE OF ENGINEERING, OMR, CHENNAI -600119. preethykrbiotech@gmail.com 9600056361

Sr No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	
1		ORDINARY APPLICATION	202341055930	CONTUSION DRESSING SHEET FORMULATION USING UNIFICATION OF GLCYOPROTEINS AND REDUCED CARBON SOURCE	1750
2		E-2/3843/2023-CHE	202341055930	Form2	0
3	II .	E-3/25451/2023- CHE	202341055930	Form3	0
4		E-5/3592/2023-CHE	202341055930	Form5	0
5	37622	E-12/7689/2023- CHE	202341055930	Form9	2750
6	37622	R20234033095	202341055930	Form18	4400
Total :					8900

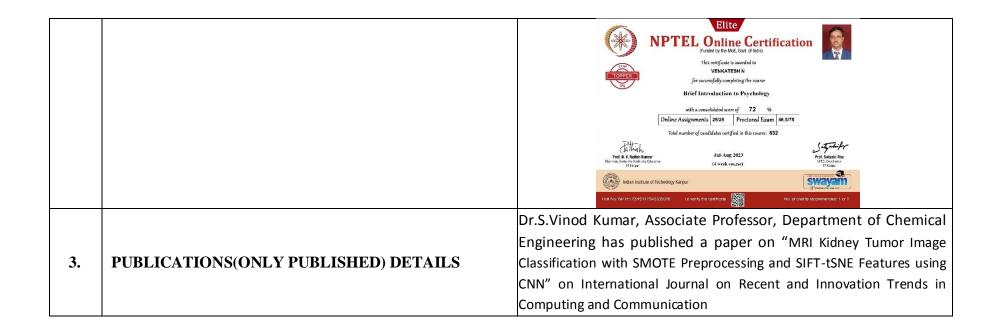
Received a sum of Rs. 8900 (Rupees Eight Thousand Nine Hundred only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Draft		298670	21/08/2023	8900

Copy of certificate of Ms.K.R.Preethy

DEPARTMENT OF CHEMICAL ENGINEERING

S.No.	Title of the Events and Photographs	Details of the Event		
1.	GUEST LECTURE	On 08.08.2023 Department of Chemical Engineering has Organise a Guest Lecture on "Handling & Processing of Leather Waste" by Dr. Vedaraman .N , Senior Technical Officer , CLRI. St. Joseph's College of Engineering Dr. VEDARAMAN.N SENIOR TECHNICAL OFFICER O8.08.2023 O1:30 PM-03:00 PM O1:30 PM-03:00 PM O2:40 PM ALL -LIBRARY The Choice of Disciplined Toppers		
2.	NPTEL COURSES	Dr.N.Venkatesh, Professor, Department of Chemical Engineering has achieved Elite in NPTEL course "Brief Introduction to Psychology"		



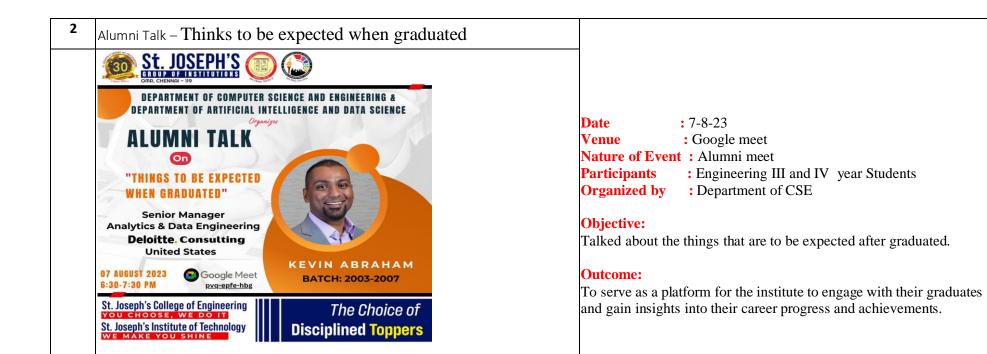
International Journal on Recent and Internation Trends in Computing and Communication BSNs: 221-4169 Values: 12 Issuer 1 DOI: https://doi.org/10.1778/2/pinces/121.7908 Article Recenter: 12 July 2023 Resisted: 14 Jugust 2023 Accepted: 29 Jugust 2023 MRI Kidney Tumor Image Classification with SMOTE Preprocessing and SIFT-tSNE Features using CNN Raghavi S¹, Navoen P², Ranjith R³, Vian S⁴, T.A.Mohanaprakash⁴, Vinod Kumar S⁸ rofowar Denampers of Computer Science and Ingineering Schooph ¹ College of Engineering Chemia, Tamilrash. India variation (Martine). While primer detection is a duffusing set that the complexity of anison disconnections and variables in marging mobilities, in the paper, we propose a deep learning showd approach (to decide the best of the paper, we have present a deep learning showd approach (to decide the best of the paper), which is a decided to the method abbrows the same of an against any optimizer amplies of the method abbrows the same of the particles of the paper of the particle of the paper of the particle of the paper of the method paper of the pa Keywords-MRI kidney tumor classification, SMOTE, t-SNE, CNN, feature extraction, feature selection.

L INTRODUCTION

Kidney launes, cyos, stones, and neural likhney louses can be detected and classified stang deep learning methods. However, due to the complexity of the insulging resultion and alterative properties of the control o

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SI. No.	Event with Photo	Description		
1	Industrial Visit - Retech Solution Chennal, TN, India SH 234, Varadharajapuram, Chennal, 600048, TN, Lut 12,926854, Long 80,07822 OSOB2/2023 T2:21 PM GMT-05:30 Note: Captured by GPS Map Camera	Date : 08.08.2023 Venue : Retech Solution Nature of Event : Industrial Visit Participants : IV B & C year Students Organized by : Department of CSE Objective : Learned about plotbot Basic. Outcome : To corporate training and internships, which in turn increase the student's employability		





3

: 8-8-23 Date

Venue : Library AV Hall Nature of Event: Alumni Event

: Engineering II & III year Students **Participants**

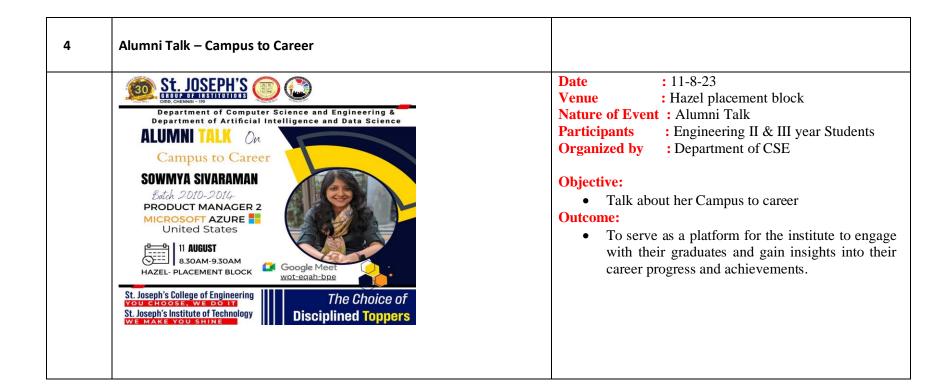
Organized by : Department of CSE

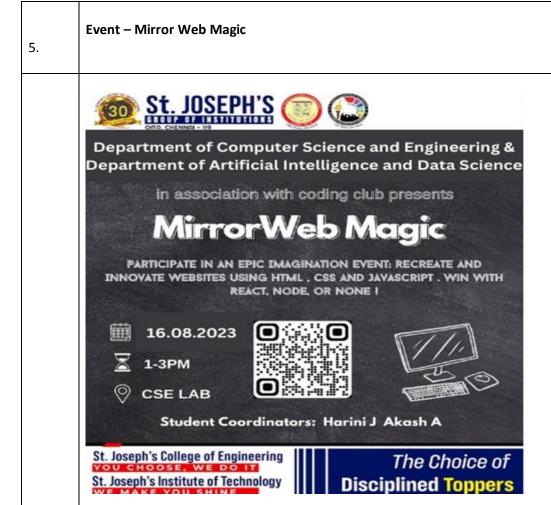
Objective:

• Talk about Cyber security and Devops Jobs

Outcome:

To serve as a platform for the institute to engage with their graduates and gain insights into their career progress and achievements.





Date : 16-8-23 Venue : CSE LAB

Nature of Event: Mirror web Magic

Participants: Engineering II & III year Students

Organized by: Department of CSE

Objective:

• To get exposure where participants are invited to share their innovative ideas and collaborate with others to solve specific challenges or problems.

Outcome:

• The Competition is a pool of innovative ideas and collaborative projects aimed at addressing real-world challenges, fostering a culture of creativity and problem-solving.

Date : 17-8-23

Venue : Hazel hall – Placement block
Nature of Event : Cybernetics – A journey into

AI,ML and Cyber security

Participants: Engineering II & III year Students

Organized by: Department of CSE

Objective:

• To get increasing amount of data and sophisticated cyber threats, AI and ML are used to strengthen the security of organizations and individuals.

Outcome:

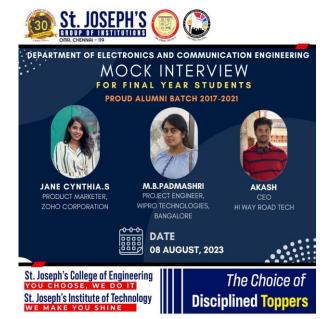
 To serve as a platform for the institute to engage with their graduates and gain insights into their career progress and achievements.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

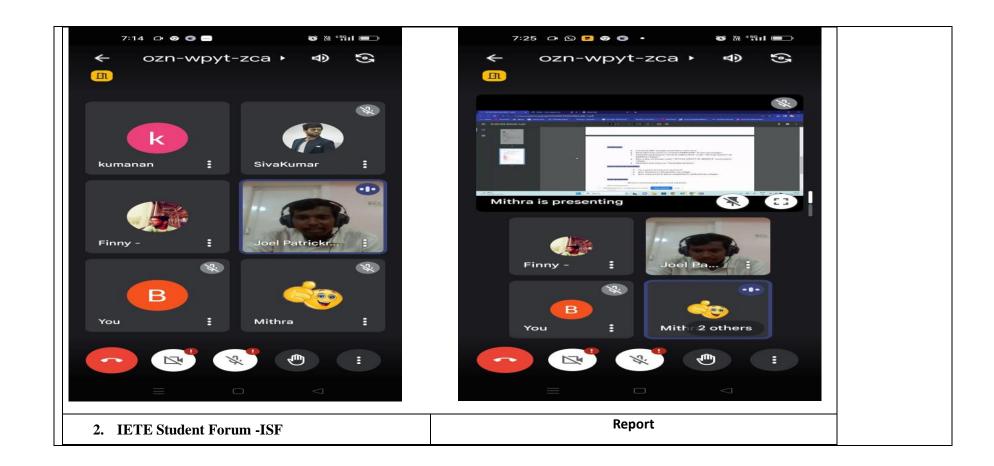
1. Events conducted:

The following events have been conducted during August 2023 at College Level











ISF, St. Josephs organized a technical event TechWarZ exclusively for II and III Year Students on August 21^{st} 2023, 10.00AM at AV Hall. The guest lecture on AI integration in IoT explored the transformative potential of combining AI with IoT.

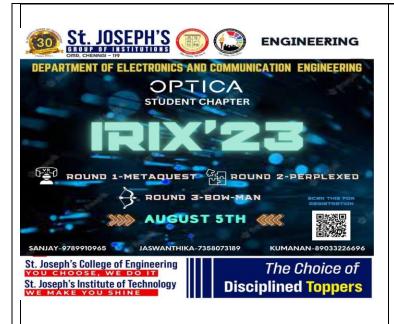
Attendees gained insights into real time data analysis, predictive modelling and autonomous decision-making system.

The lecture highlighted the applications of AI techniques in optimizing resource allocation, improving efficiency and enhancing user experience in various sectors.

Number of Students Benefitted: 190(III Year)

3. OPTICA – IRIX'23

Report



IRIX '23, organized by the Optica Student Chapter of the ECE Department at St. Joseph's College of Engineering, proved to be a captivating fusion of technology, teamwork, and talent. This exclusive event, held on August 5th, 2023, attracted participants eager to immersethemselves in the virtual world, tackle brainteasing puzzles, and showcase their precision targeting skills.

1. METAQUEST - Dive into the Virtual Realm:

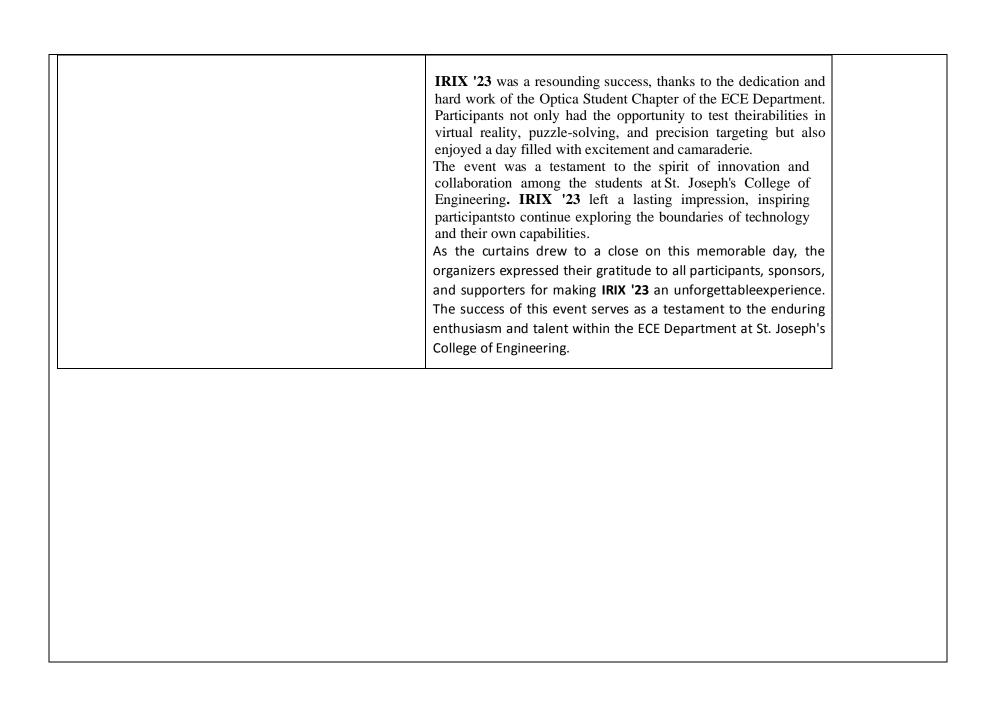
- The event commenced with "**Metaquest**," where teams of three ventured into the realm of virtual reality. In this challenging game, teams demonstrated their coordination and sensory perception skills.
 - Team members took on specific roles: one provided clues about objects displayed on the VR screen, another donned the VR headset, and the third had to identify and grab the virtualobject quickly.
 - The virtual world came alive as participants raced against time, distractions, and their ownwits to secure victory.

2. PERPLEXED - The Puzzling Challenge:

- Following the immersive VR experience, participants transitioned to "**Perplexed**," a puzzle-solving showdown. Teams, once again comprising three members, showcased theirmental prowess and teamwork.
- Teams competed to solve puzzles faster than their opponents, seizing the opportunity to answer questions that tested their knowledge and problem-solving abilities.

3. BOWMAN - Hitting the Bullseye:

- The event reached its climax with "**Bowman**," a highpressure test of precision and targetaccuracy. In this game, teams demonstrated their aim and reflexes by throwing darts at targets.
- Each team had a maximum of three chances to hit targets. The more accurate their throws, the more questions they earned the right to answer.



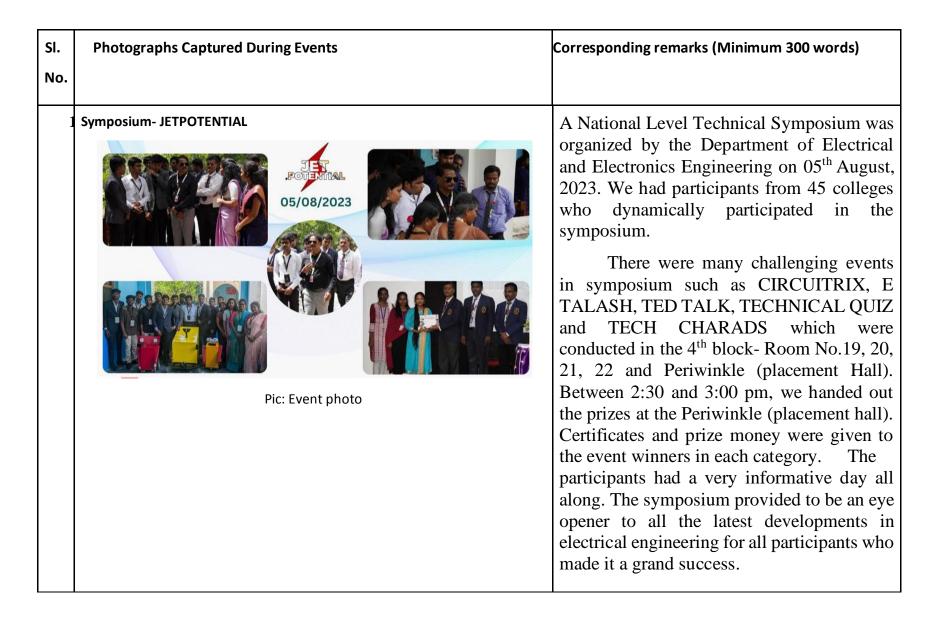
3.Publications:

The following staff members have published the research papers in Journal/Conferences organized during the month of Aug at International/National Level.

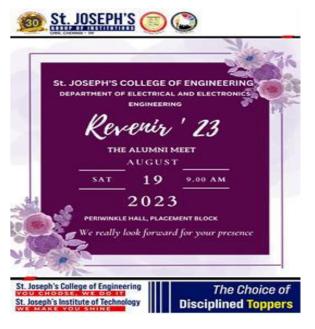
S. No.	Name of the Author	Paper Title	Name of the Conference/Journal	Publication Details	Date of Publication
1.	P.Thenmozhi,Nivedha Pandian	Innovation in Biomedical Data Transmission Using Acoustic Methods in MRI Systems	International Conference on Advances in Computing ,Communication and Applied Informatics(ACCAI)	Scopus Indexed	August 2023
2.	B.Vasudevan, Vignesh Karuppasamy D.M , Uppuliappan M	Artificial Intelligence (AI) Based Interactive Smart Robot for Elderly People Health Monitoring System	2023 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)	Scopus Indexed	August 2023
3.	S. Gomathi, J. Sivapriya , M. Kalaiyarasi, J. Sivakumar, S. Jaanaa Rubavathy, Atul Kumar	Analysing the performance ceiling of RbSnGeI3-based lead-free stable perovskite solar cell	Optical and Quantum Electronics	https://doi.org/10.1 109/ACCAI58221.20 23.10201135, Scopus Indexed	August 2023

4.	Noorul Julaiha A.G , B.Vasudevan , Ruhit Krishna M, Suriya M.S	Fusion of Images to Detect Brain Tumors Using DWT, IDWT and VGG19 Algorithms	2023 - 5th International Conference on inventive research in computing application (ICIRCA)	Scopus Indexed	August 2023
5.	Sundarakumar, M.R., Salangai Nayagi, D, Vinodhini, V., VinayagaPriya, S.	A Heuristic Approach to Improve the Data Processing in Big Data using Enhanced Salp Swarm Algorithm (ESSA) and MK-means Algorithm	Journal of Intelligent and Fuzzy Systems	vol. 45, no. 2, pp. 2625-2640	August 2023

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



Alumni Meet- REVENIR '23'



Pic: Event Poster

"REVENIR '23," our grand Alumni Meet on August 19, 2023, reunited 130 Alumni who shared their remarkable stories. The day began with seamless registration and Alumni Badge distribution. A dedicated "Alumni Database" collected comprehensive information and touching testimonial videos. The event kicked off with a grand kuthuvilakku lighting ceremony, led by Principal Dr. Vaddi Seshagiri Rao and Head of the Department Dr. Jayarama Pradeep, who delivered inspiring speeches. Coordinators extended a warm welcome, showcasing the year's "Department Alumni activities." Early Alumni shared academic and corporate insights, offering valuable guidance and internships for current students. '90s food stalls added nostalgia, while a grand lunch left everyone satisfied. Positive feedback, support through funding, a "Shield Presentation," and heartfelt thanks marked the end of this unforgettable event.

Industrial Visit



Pic.IIT Madras High Voltage Lab Visit

IEEE SJCE SB Organized a visit to IIT Madras. In this visit over 80 students from final year took part. This visit was separated into two batch .Each batch carries 40 students .Batch one visited on 7-08-23 and Batch two visited on 14-08-23.In this visit students are allowed to explore the high voltage laboratory and renewable lab. During this session students were witnessed the demo in the High voltage lab. Over 20 Staffs took part in this visit.

4 Alumni Talk

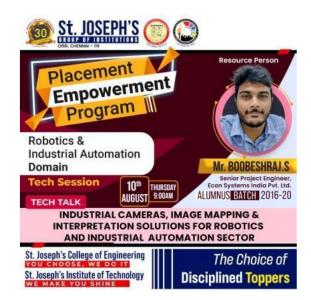


Our department organized an alumni talk for III-year students on the topic "Placement Motivational Talk & their experiences in working place" by our Alumni Mr. Mohammed Shiek Shakkul Hamik, (2015-2019 Batch) VVDN Technologies ,Coimbatore & Mrs. Sathiya Kala D (1999- 2003 Batch)) Politician ADMK Councilor , on 4-08-2023 between 1:30 A.M to 2:20 P.M. The session was very interactive

Pic: Event Photo

and useful to the students to build a successful career by getting placed in a reputed organization.

4 Alumni Talk

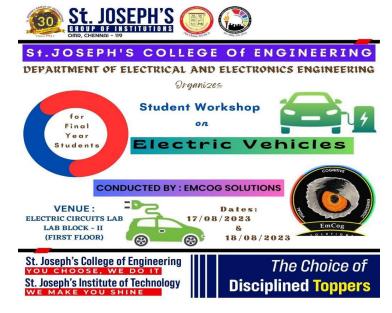


Pic: Event poster

Our department organized an alumni talk for III-year students on the topic "Robotic & Automation" by our Alumni Mr.Boobesh raj (Batch: 2016-2020) Senior Project Engineer, E-Con Systems India Pvt Ltd. on 10-08-2023 between 9:30 A.M to 12:20 P.M. Mr.Boobesh raj briefed about Industrial Cameras, Image Mapping & Interpretation solutions for Robotics and Industrial Automation sector. The session was very interactive and useful to the students to build

a successful career by getting placed in a reputed organization.

Workshop



Pic: Event Poster

Date: 17.08.2023 & 18.08.2023

Student Workshop on "ELECTRIC VEHICLE POWER TRAIN DESIGN" was conducted by the Department of Electrical and Electronics Engineering, St. Joseph's College of Engineering. In the first session of the workshop, the students were provided with basic knowledge of electric vehicle converters and its design. The next day hands on training for power Electronics converters has been provided. Feedback was collected from the participants about the program, and

it was observed that the program was useful and informative.

Workshop



Pic: Event Photo

Date: 17.08.2023 & 18.08.2023

Two days student Workshop on "FPGA controllers for Power Electronics" was conducted by the Department of Electrical and Electronics Engineering, St. Joseph's College of Engineering. In the first session of the workshop, the students were provided with basic knowledge of FPGA controller. The next day hands-on training regarding design of FPGA controllers for power Electronics converters has been provided. Feedback was collected from the participants

about the program, and it was observed that the program was useful and informative.

Workshop



Pic: Event Poster

Date: 17.08.2023 & 18.08.2023

Two days student workshop for final year students on "IoT: DASHBOARD CREATION AND HOME AUTOMATION USING ESP8266 EMBEDDED MODULE" was conducted by the Department of Electrical and Electronics Engineering, St. Joseph's College of Engineering. In the first session of the workshop, the students were provided with basic knowledge of IoT and its components. The next day hands-on training has been provided. Feedback was collected

from the participants about the program, and it was observed that the program was useful and informative.

NGO Visit



Pic: Event Photo

On August 19th, the Electrical & Electronics Engineering department of St. Joseph's College of Engineering organized NGO visit to DMI HOMES, a child orphanage located in Ottanthangal, Chengalpattu district. The visit was attended by a group of more than 35 students accompanied by two DMI **HOMES** faculty members. housed approximately 20 children, and during the visit, the students and staff members arranged a special meal for the children, ensuring they enjoyed a delicious feast. Additionally, the students thoughtfully brought along snacks to share with the children at the orphanage.

NGO visit



Pic: Event Photo

On August 19th, the Electrical & Electronics Engineering department of St. Joseph's College of Engineering organized NGO visit to DAZZLING STONE ORPHANAGE, a child orphanage located in Kundrathur, Chennai district. The visit was attended by a group of more than 50 students accompanied by two faculty members. Dazzling stone housed approximately 25-30 children, and during the visit, the students and staff members arranged a special meal for the children, ensuring they enjoyed a delicious feast. Additionally, the students thoughtfully brought along snacks to share with the children at the orphanage.

St. JOSEPH'S St. JOSEPH'S GPS Map Camera Chennai, Tamil Nadu, India No. 76-A, 1st Main Rd, Shanthi Nikethan Colony, Sudarshan Nagar, Madambakkam, Chennai, Tamil Nadu 600126, India Lat 12.908828 Long 80.157755* 19/08/23 01:04 PM GMT +05:30

Pic: Event Photo

On August 19th, the Electrical & Electronics
Engineering department of St. Joseph's
College of Engineering organized NGO visit to
GK CHILDREN HOME, a child orphanage
located in Madambhakkam, Chennai district.
The visit was attended by a group of more
than 50 students accompanied by two faculty
members. GK HOME housed approximately
25-30 children, and during the visit, the
students and staff members arranged a
special meal for the children, ensuring they
enjoyed a delicious feast. Additionally, the
students thoughtfully brought along snacks to
share with the children at the orphanage.

Club activity

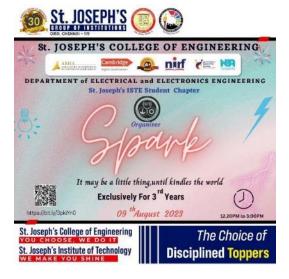


Our department electrical and electronics engineering's "ENSAV CLUB" organized an event "ECO ELEGANCE" on 01/08/23. Around 44 students participated in the event with enthusiasm and acquired knowledge also the winners received merit certificates.

PIC: EVENT POSTER

Club activities

Our department electrical and electronics engineering's **St. Joseph's ISTE Student Chapter** organized an event "**SPARK**" on 09/08/23. Around 36 students eagerly participated in the event and gained knowledge also the winners received merit certificates.



PIC: EVENT POSTER

Club activities

Our department electrical and electronics engineering's "ROBOTICS CLUB" organized an event "TECHNO TROOP" on 10/08/23. Around 39 students participated in the event with enthusiasm and acquired knowledge also the winners received merit certificates.



PIC: EVENT POSTER

Club activities

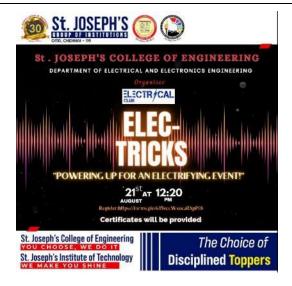
Our department electrical and electronics engineering's "SOCIAL AWARENESS CLUB organized an event "BYTE BLITZ" on 11/08/23. Around 36 participated in the event with keen interest also the winners received merit certificates.



Pic: EVENT POSTER

Club activities

Our department electrical and electronics engineering's "ELECTRICAL CLUB" organized an event "ELEC-TRICKS" on 21/08/23. Around 21 students eagerly participated in the event and gained knowledge also the winners received merit certificates.



PIC: EVENT POSTER

ISTE activities

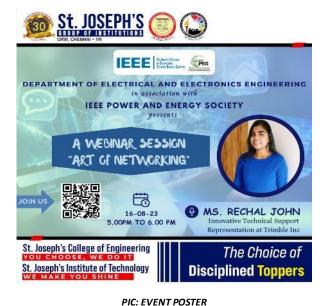


St. Joseph's College of Engineering, (Electrical & Electronics Engineering) ISTE CLUB organized a technical event "SPARK " on 09/08/2023. This exclusive event started at 12:20 PM with all the members of our club. Abiding the famous quote "It may be a little thing, until kindles the World" the event started exploring the hidden talent of our students through this event. The rules of the event were explained before the event starts. Participants with higher score were shortlisted for further rounds

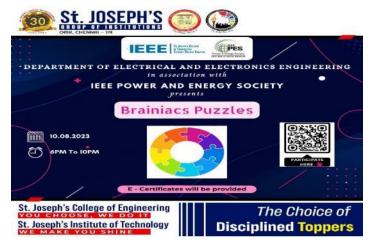
Pic: EVENT PHOTO

and finally we declared top three winners. They were honoured with Merit certificates for their outstanding contributions during the event. The event continued with the enthusiasm of our students. The program ended with a photo session

IEEE activities



IEEE Power and energy Society Of St.Joseph's College Of Engineering Conducted 'ART OF NETWORKING', a online mode webinar for 2nd, 3rd and 4th year EEE students on16-08-23. The motive of this session to inspire insights about networking and shape the students paths ahead .The event saw the cumulative participation of 45 students over the Gmeet. The session was generally well received by the participants and was very informative. Participants were also allowed to interact with the speaker and got to resolve their queries regarding networking, and how they can create their network. E-Certificates were provided to all who participated in the event.

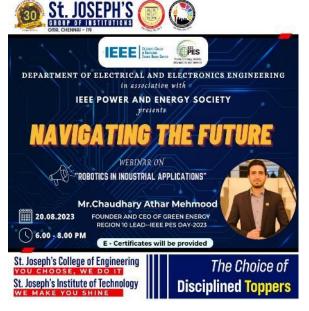


Pic: EVENT PHOTO

The IEEE Power and Energy Society of St. Joseph's College of Engineering hosted a virtual "BRAINIACS PUZZLE" event. The event occurred on August 10, 2023"on the theme of "Power and Energy!". Participants knowledge is tested to make them to know about the power and energy. Winners are chosen based on the number of correct answers they provide. Winners and participants will receive E-certificates. **The winners of the event:** SHYAM SUNDAR D,SENTHAMIZHSELVAN S,SANJAY SAMPATHKUMAR

2 IEEE activities

The IEEE Power and energy Society Of St.Joseph's College Of Engineering Conducted 'ROBOTICS AND AUTOMATION IN INDUSTRIAL LEVEL', a online mode webinar for 2nd, 3rd and 4th year EEE students by on20-08-23. The motive of this session to inspire insights about robotics and automation to the students paths ahead . This will navigating the future of students towards the field of automations. The event saw the cumulative participation of 55 students over the Gmeet and the sission was projected live in the classroom. The session was generally well received by the



participants and was very informative. Participants were also allowed to interact with the speaker and got to resolve their queries . E-Certificates were provided to all who participated in the event.

PIC: EVENT POSTER

d IEEE activities

The IEEE Power Electronics Society of St Joseph's College of Engineering hosted an event called "MUSTER LINE", a Get Together event. The event was conducted on 17.09.2023. In this event, all the leads and members of all the societies are gather in the respective venue. All the office bearers of each societies gathered to discuss their respective roles and responsibilities, share their achievements and collaborate on potential future initiatives. This exchange of ideas and experiences facilitated a deeper understanding of the various activities undertaken by each society and fostered a sense of



unity and cooperation among the different societies. Through sharing ideas and experiences, we built connections and learned from one another.

Ultimately, "MUSTER LINE" highlighted the importance of working together for the overall growth and success.

PIC: EVENT POSTER

IEEE activities



PIC: EVENT PHOTO

Freedom fest was organized by IEEE SJCE SBC under IEEE Robotics and Automation Society for the college students. The event was conducted in Google form. It is a amazing quiz event Conducted for students to make them to know about freedom and it's importance, conducted on 16th August 2023. Over 19 students participated in it and are benefited. E-Certificates are distributed to the participants. Student Coordinators G.Aparnaa, R.Gokul Kumar, V. Rakshit Roshan, B. Santhosh ,N.Rupesh,T.Sujitha coordinated the event with Mr. R. Sreekanth, IEEE SB Counselor.



PIC: EVENT POSTER

IEEE Spectrum, is the world's largest professional organisation devoted to engineering and the applied sciences. It contains peer-reviewed feature articles pertaining to technology and science trends affecting business and society. This spectrum was conducted to enlighten the young minds and some skillful knowledge out of it. The speaker Ms. N. Harini spoke on the "Andrew Leland on the Assistive Tech for the Blind". The speaker enlightened us with the idea that "Seeing his words on the printed page is a big deal to Andrew Leland as it is to all writers. But the sight of his thoughts in written form is much more precious to him than to most scribes. which slowly kills off the rods and cones that are the eyes' light receptors. So, who better to have written the newly released book *The* Country of the Blind: A Memoir at the End of Sight, Leland has beautifully woven in the gleanings from three years of deteriorating sight. And, to his credit, he has done so without being the least bit doleful or self-pitying." The participants had an amazing experience in the meet and enjoyed the entire session.



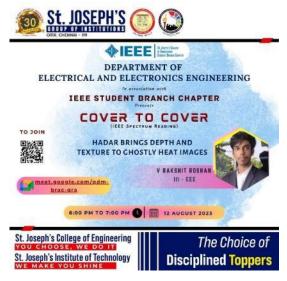
PIC: EVENT POSTER

IEEE Spectrum, is the world's largest professional organisation devoted to engineering and the applied sciences. It contains peer-reviewed feature articles pertaining to technology and science trends affecting business and society. This spectrum was conducted to enlighten the young minds and some skillful knowledge out of it. The speaker Ms. J. Sheril spoke on the "RB-Watcher: Revolutionizing Surveillance for unmatched security". The speaker enlightened us with the idea that "RB-WATCHER's intelligence lies not only in its ability to navigate autonomously but also in its suite of intelligent functions. Whether detecting human presence, monitoring a designated area or identifying intruders, collecting crucial data or identifying potential fire outbreaks, RB-WATCHER's advanced algorithms and sensors ensure unparalleled precision. This mobile robot autonomously performs a wide range of surveillance tasks with exceptional accuracy." The participants had an amazing experience in the meet and enjoyed the entire session.



PIC: EVENT POSTER

EE Spectrum, is the world's largest professional organisation devoted to engineering and the applied sciences. It contains peer-reviewed feature articles pertaining to technology and science trends affecting business and society. This spectrum was conducted to enlighten the young minds and some skillful knowledge out of it. The speaker Ms. M R Srenithy spoke on the "NASA mission to a metal world". The speaker enlightened us with the idea that "When the solar system was very young, there were no planets—only a diffuse disk of gas and dust circled the sun. But within a few million years, that churning cloud of primordial material collapsed under its own gravity to form hundreds, or maybe thousands, of infant planets. Some of those planetesimals, as astronomers call them, grew to be hundreds of kilometers across as they swept up more dust and gas within the swirling solar nebula." The participants had an amazing experience in the meet and enjoyed the entire session.



PIC: EVENT POSTER

IEEE activities

IEEE Spectrum, is the world's largest professional organisation devoted to engineering and the applied sciences. It contains peer-reviewed feature articles pertaining to technology and science trends affecting business and society. This spectrum was conducted to enlighten the young minds and some skillful knowledge out of it. The speaker Mr. V. Rakshit Roshan spoke on the "Hadar brings depth and texture to ghostly heat images". The speaker enlightened us with the idea that "If autonomous vehicles and robots are ever going to be safe and efficient, they need to perceive their surroundings. They also need to be able to predict the behavior of the stuff around them—whether that's other robots, vehicles, or even people—and plan their paths and make decisions accordingly. In other words, they need machine vision." The participants had an amazing experience in the meet and enjoyed the entire session.

IEEE Spectrum, is the world's largest professional organisation devoted to engineering and the applied sciences. It contains peer-reviewed feature articles pertaining to technology and science trends affecting business and society. This spectrum was conducted to enlighten the young minds and some skillful knowledge out of it. The speaker Ms. G. Kanimozhi spoke on the "What self-driving cars tell us about AI risks". The speaker enlightened us with the idea that "In 2016, just weeks before the Autopilot in his Tesla drove Joshua Brown to his death, I pleaded with the U.S. Senate Committee on Commerce, Science, and Transportation to regulate the use of artificial



intelligence in vehicles. Neither my pleading nor Brown's death could stir the government to action. Since then, automotive AI in the United States has been linked to at least 25 confirmed deaths and to hundreds of injuries and instances of property damage." The participants had an amazing experience in the meet and enjoyed the entire session.

PIC: EVENT POSTER

IEEE activities

IEEE Spectrum, is the world's largest professional organisation devoted to engineering and the applied sciences. It contains peer-reviewed feature articles pertaining to technology and science trends affecting business and society. This spectrum was conducted to enlighten the young minds and some skillful knowledge out of it. The speaker Ms. M J Shabana Asmeen spoke on the "Meta's AI agents learn to move by copying toddlers". The speaker enlightened us with the idea that "In a simulated environment, a disembodied skeletal arm powered by artificial intelligence lifted a small toy elephant and rotated it in its hand. It used a combination of 39 muscles acting through 29 joints to experiment with the



object, exploring its properties as a toddler might. Then it tried its luck with a tube of toothpaste, a stapler, and an alarm clock. In another environment, disembodied skeletal legs used 80 muscles working through 16 joints to kick and flex, engaging in the kind of "motor babbling" that toddlers do as they work toward walking." The participants had an amazing experience in the meet and enjoyed the entire session.

PIC: EVENT POSTER

IEEE activities

"CHANGEMAKERS UNITE-EMPOWER WOMEN WORLDWIDE" is a Webinar session conducted by IEEE WIE Affinity group St. Joseph's College of Engineering on 28th August 2023. A total of 50 Participants attended the session. The Presenter Ms.Celia Shahnaz, 2023 Chair, IEEE Committee Professor, EEE; BUET enthusiastically started the session on the topic of "RESEARCH **AND INNOVATION FOR WOMEN** EMPOWERMENT" and answered all the questions posted from the participants . Also She discussed many ways for Women Empowerment. The speaker received an E-memento at the end of the webinar as



a gratitude for sharing the ways for Research and Innovation for Women Empowerment.

PIC: EVENT POSTER

IEEE activities

The St. Joseph's College of Engineering Student Branch Chapter of the IEEE Women in Engineering Affinity Group successfully conducted educational webinar series titled "CHANGEMAKERS UNITE". On August 18, 2023, from 1:00 pm to 2:00 pm (IST), this session was held. "Empower Women Worldwide" was the main goal of the event. Distinguished female speakers were asked to give their perspectives from all across the world. Distinguished speakers included Dr. T. Sree Sharmila, Chair, IEEE Women in Engineering, Madras Section, Associate Professor, Department of Computer Science & Engineering,



College of Engineering, Anna University. She gave a fascinating presentation on "MY IEEE JOURNEY" that offered insightful viewpoints. A lively group of about 45 college students attended the event, eagerly expanding their knowledge during the lecture. In the webinar session inspiring stories of achievements within the IEEE community were shared, also an idea on emphasizing the power of collaboration and learning.

PIC: EVENT POSTER

IEEE activities

The IEEE Women In Engineering Affinity Group, under the auspices of the St. Joseph's College of Engineering Student Branch Chapter, successfully hosted an educational webinar series dubbed "CHANGEMAKERS UNITE ".By 7:00 pm to 8:00 pm (IST), this session took place on August 21, 2023. "Empower Women Worldwide" was the main objective of the event. Invited to give their perspectives were eminent female speakers from diverse parts of the globe. Ms. Jennifer Castillo, IEEE region 9 direct elect, sales and account manager, was one of the eminent speakers. She gave riveting presentation on "IEEE WIE OPPORTUNITIES AND THE IMPORTANCE OF SKILL DEVELOPMENT AT AN EARLY AGE"





and provided insightful insights. About 45 college students attended the event, making up an enthusiastic audience who actively increased their knowledge during the session. Dedicated team members Ms. U. Jamuna, N. Harini, M. K. MadhuMalini, D. Adirai, P. Kaviya, G. Kanimozhi, and S. Madhumitha expertly coordinated the event.

PIC: EVENT POSTER

IEEE activities

The IEEE Women In Engineering Affinity Group, under the St. Joseph's College of Engineering Student Branch Chapter, successfully hosted an enlightening webinar series titled "CHANGEMAKERS UNITE". This session was conducted on August 21, 2023 by 10.00 am (IST). The primary aim of the event was to "Empower Women Worldwide". Distinguished women speakers from various corners of the world, were invited to share their insights Among the esteemed speakers was Prof. Rushali Thakkar, Vice Chair of the WIE AG Bombay section. She delivered a





PIC: EVENT POSTER

captivating session on the subject of "INNOVATION AND ENTREPRENEURSHIP IN SUSTAINABLE ENERGY," offering valuable perspectives. The event drew an engaging audience of approximately 50 college participants who actively expanded their knowledge during the session. The event coordination was skillfully handled by a dedicated team consisting of Ms. U. Jamuna, Ms. N. Harini, Ms. M. K. MadhuMalini, Ms. D. Adirai, Ms. P. Kaviya, Ms. G. Kanimozhi, and Ms. M. Madhumitha.

IEEE activities



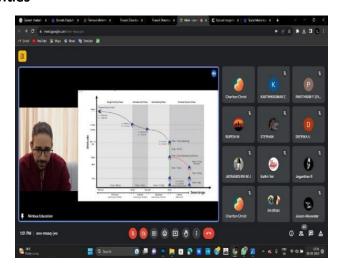
Space Exploration 3.0 Day 1-Webinar on Basics of remotes sensing and its application.

Department of EEE in associated with St.Joseph's College Of Engineering conducted a series of webinar "SPACE EXPLORATION 3.0" topic for the day one 18-08-2023 is Basics of remotes sensing and its application by Mr.Ankit Chandelia ,a scientist working as an Research intern in ISRO. There were around students from 3rd and 4th year are actively participated over Gmeet. During the session students explore the basics related to remote sensing and its application in the current era. To

Pic: Event Photo

encourage the participants E-certificate has been provided.

IEEE activities



PIC: EVENT PHOTO

Space Exploration 3.0 Day 2-Webinar on How to become an expert in Web Application.

Department of EEE in associated with St.Joseph's College Of Engineering conducted a series of webinar "SPACE EXPLORATION 3.0" topic for the day two 19-08-2023 is How to become an expert in web application by Ms.Khushali k.S Bure, an Research intern in ISRO. There were around students from 3rd and 4th year are actively participated over Gmeet. During the session students acquired knowledge about web application. To encourage the participants E-certificate has been provided.



PIC: EVENT Photo

Space Exploration 3.0 Day 3-Webinar on Chandrayaan 3 and Lunar Exploration .

Department of EEE in associated with St.Joseph's College Of Engineering conducted a series of webinar "SPACE EXPLORATION 3.0" topic for the day three 20-08-2023 is Chandrayan 3 and lunar exploration by Mr. Manish Purohit ,a scientist worked as an space scientist EX - ISRO founder in NIMBUS education . There were around 45 students from 3rd and 4th year are actively participated over Gmeet. During the session students acquired knowledge about prestigious chandrayaan 3 and its moon mission To encourage the participants E-certificate has been provided.

IEEE activities



PIC: EVENT Photo

Space Exploration 3.0 Day 4-Webinar on Human – Rating Certification of a Spacecraft Computer-Human Interface.

Department of EEE in associated with St.Joseph's College Of Engineering conducted a series of webinar "SPACE EXPLORATION 3.0" topic for the day four 21-08-2023 is Human –Rating Certification of a Spacecraft Computer-Human Interface. by Mr. George Salazar ,a scientist working as an Computer human interface system manager in NASA. There were around 55 students from 3rd and 4th year are actively participated over Gmeet. During the session students gathered knowledge about Human –computer

interface in spacecraft. To encourage the participants E-certificate has been provided.

IEEE activities



PIC: EVENT POSTER

Space Exploration 3.0 Day 5-Webinar on My story to getting to NASA/SpaceX and being an immigrant in the US.

Department of EEE in associated with St.Joseph's College Of Engineering conducted a series of webinar "SPACE EXPLORATION 3.0" topic for the day five 24-08-2023 is My story to getting to NASA/SpaceX and being an immigrant in the US. by Mr. Jorge Arturo Levario ,a scientist working as an Startup Launch Engineer in SpaceX. There were around 30 students from 3rd and 4th year are actively participated over Gmeet. During the session students got motivation from the own story by the speaker and the doubts asked by the students are clarified .To encourage the participants E-certificate has been provided.



PIC: EVENT POSTER

Space Exploration 3.0 Day 6-Webinar on Track For Avionics.

Department of EEE in associated with St.Joseph's College Of Engineering conducted a series of webinar "SPACE EXPLORATION 3.0" topic for the day six 27-08-2023 is Track for Avionics by Ms. Reshmaja K Ramesh .an Navigation Engineer at eplane company. There were around 60 students from 3rd and 4th year are actively participated over Gmeet. During the session students gathered more information about avionics. To encourage the participants E-certificate has been provided.

IEEE activities



PIC: EVENT POSTER

Space Exploration 3.0 Day 7-Webinar on the topic Space technology and astrodynamics.

Department of EEE in associated with St.Joseph's College Of Engineering conducted a series of webinar "SPACE EXPLORATION 3.0" topic for the day seven 28-08-2023 is Webinar on by Mr.Sahil Parmar, an Astrodynamics Engineer Star NASA Human Exploration Rover ,team member Aerospace. There were around 40 students from 3rd and 4th year are actively participated over Gmeet. During the session students gathered more information about. To encourage the participants E-certificate has been provided.



PIC: EVENT POSTER

4 IEEE activities

IEEE PES in associated with St.Joseph's College of Engineering Conducted a Special day poster contest . This contest was starts from 19-08-2003 to 30-08-2003. In this contest around 27 students from 17 different college under Madras section got participated. The motive of this event was to bring out the creativity and visualizing skills through posters. The winners of this event was selected by the basis of posting the best poster for the special day in our social media platform and who score more likes and the best poster design was selected. To encourage them winners certificates and the participation E certificates were provided .The winners of this event are Akshaya Shanmugam (1st prize) ,Elamparithi B (2nd prize),Keerthika M (3rd prize).

The IEEE Photonics Society Of St. Joseph's College Of Engineering Conducted 'Bright Quiz Night, a technical quiz in online mode. The questions were all related to the field of photonics, and basic physics. The event was conducted on 30/08/2023 via a google form. It was generally well received and had participants from colleges in other states. E-Certificates were provided to all who participated in the event.

The Top 3 Scores of the Event were:

1. Shivam Thakur - Sastra University



- 2. C.Kalimuthu, Sruthi, Akasthiya (Tied) -St.Joseph's College of Engineering & **SMVEC Pudhucherry**
- 3. Maanas Prakash Yenepoya University.

The Student coordinators for this event were: Srishakthi S R, Harini S, Soundhariya G, Abinesh G, Harish Gautham K U, Siva Malavan E S, Sanjay S

PIC: EVENT POSTER

IEEE activities

The IEEE Power Electronics Society of St Joseph's College of Engineering hosted the COLOR SPLASH, a online Drawing event based on the topic "Beauty of Power Electronics". The event was conducted on 17.08.2023. In this event, the participants were get to deliver their thoughts and show their enhance of Drawing Skill . E-certificate were given to the winners and participants. Student coordinators:

Poojasree K, Poornavikash T, Nivas M, Kummaras Shri Jai D, Senthamizh Selvan S, Vasanth Kumar S, Michal Jesvin F.



PIC: EVENT POSTER

IEEE activities



The IEEE Power Electronics Society of St Joseph's College of Engineering hosted the PAGE CRAFTERS, a online Technical event based on Topic "FUTURE OF POWER ELECTRONICS". The event was conducted on 18.08.2023. In this event, the participants were get to know and show the Technical skills and enhance their knowledge. E-certificate were given to the winners and participants.

Student coordinators:

Poojasree K, Poornavikash T, Nivas M, Kummaras Shri Jai D, Senthamizh Selvan S, Vasanth Kumar S, Michal Jesvin F.

PIC: EVENT POSTER

4 IEEE activities



PIC: EVENT POSTER

The IEEE Photonics Society Of St. Joseph's College Of Engineering Conducted 'Illuminating Frontiers, a technical hybrid mode webinar for 3rd and 4th year EEE students, on August 13, 2023. The event aimed to inspire and motivate students to explore the field of photonics and foster collaboration among enthusiasts and featured a keynote address by Dr. Simranjith Singh, a Senior member of IEEE and Associate professor, Department of ECE at Punjab Engineering College, highlighting the significance of photonics and its potential. The event saw the cumulative participation of 40 students over the Gmeet. The session was generally well received by the participants and was very informative. Participants were also allowed to interact with the speaker and get answers to their queries regarding The Photonics Society and IEEE as a whole. E-Certificates were provided to all who participated in

the event. The Student coordinators for this event were Arisudan T H, Nithin Joel J, Srishakthi S R, Harini S, Soundhariya G, Abinesh G, Harish Gautham.

IEEE activities





PIC: EVENT POSTER & PHOTO

The IEEE Photonics Society Of St. Joseph's College Of Engineering Conducted 'Illuminating Frontiers, a technical online mode webinar for 3rd and 4th year EEE students, on August 29, 2023. The event aimed to inspire and motivate students to explore the field of Optical MEMS and foster collaboration among enthusiasts and featured a keynote address by Dr.Enakshi Bhattacharya, a Senior member of IEEE and Professor, Department of EEE at IIT Madras, highlighting the significance of Optical MEMS and its potential. The event saw the cumulative participation of 30 students over the Gmeet. The session was generally well received by the participants and was very informative. Participants were also allowed to interact with the speaker and get answers to their queries regarding Optical MEMS and IEEE as a whole. E-Certificates were provided to all who participated in the event.

The Student coordinators for this event were Srishakthi S R, Harini S, Soundhariya G, Abinesh G, Harish Gautham K U, Siva Malavan E S, Sanjay S.

IEEE activities

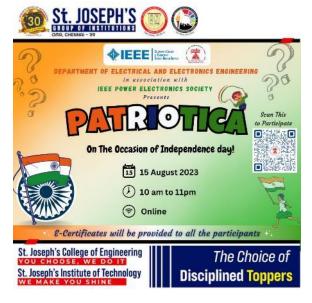


PIC: EVENT POSTER

Robotalk was organized by IEEE SJCE SBC under IEEE Robotics and Automation Society for the college students. The event was conducted in Google meet. It is a amazing event Conducted for students to make them to know about Robotics and Automation and it's importance, conducted on on 17th August 2023. Over 25 students participated in it and are benefited. E-Certificates are distributed to the participants. Student Coordinators G.Aparnaa, R.Gokul Kumar, V.Rakshit Roshan, B.Santhosh ,N.Rupesh, T.Sujitha coordinated the event with Mr. R.Sreekanth, IEEE SB Counselor."

Student coordinators:

G.Aparna ,S.Keerthana ,R.Gokul Kumar ,V.Rakshit Roshan and T.Sujitha



PIC: EVENT POSTER

4 IEEE activities

The IEEE Power Electronics Society of St Joseph's College of Engineering hosted the PATRIOTICA on behalf of Independence day, a online technical event based on Indian technical achievement after independence of India. The event was conducted on 15.08.2023. In this event, the participants were get to know about technical achievements of india and this event create a pathway for the participants to aware of the indian achievements. E-certificate were given to the winners and participants.

The winners of the event:

PRIYADHARSHINI D

JASMINE J

NADEEN P

Student coordinators:

Poojasree K, Poornavikash T, Nivas M, Kummaras Shri Jai D, Senthamizh Selvan S, Vasanth Kumar S, Michal Jesvin F.

The IEEE Power Electronics Society of St Joseph's College of Engineering hosted the Intellecta, a fun technical Crossword puzzle event in Online mode. The event was conducted on 14.08.2023. In this event, participants are put their knowledge to the test, the event is about power electronics basic terms. E-certificate were given to the winners and participants.

The winners of the event:

Vignesh B



Rupesh N

Adirai

Student coordinators:

Poojasree K, Poornavikash T, Nivas M, Kummaras Shri Jai D, Senthamizh Selvan S, Vasanth Kumar S, Michal Jesvin F.

PIC: EVENT POSTER

IEEE activities



PIC: EVENT POSTER

The IEEE Power Electronics Society of St Joseph's College of Engineering hosted an event called "PROSE ART", a article writing event. The event was conducted from 29.07.2023 to10.08.2023. The event provided a platform for student to showcase their writing talents, research to learn about effective writing techniques and contribute to the PELZINE VOLUME-IV student magazine. The topics are based on Electrical and Power Electronics. The most outstanding articles produced during the event are selected for consideration to the PELZINE Volume-IV.

Poojasree K, Poornavikash T, Nivas M, Kummaras Shri Jai D, Senthamizh Selvan S, Vasanth Kumar S, Michal Jesvin F

5 IEEE activities



PIC: EVENT POSTER

The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering conducted a kavithai event "வினா விலைட" related to Tamil Quiz competition on 28th august 2023 The event was conducted in online mode. The rules of the event were explained before each round. Overall, 25 people submitted their response for the event and the best three were given winners' certificates. The winners of the event are Navina, Bharath, Arish Kumar and the others were provided with participation certificates. The student coordinators for this event are Deepika U, Jayavarshini M J, Abinaya Priya R A, Shiva D, Sunil Kumar M.



PIC: EVENT POSTER

The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering conducted a Poster making event "Frich" related to Poster making competition on 28th august 2023 The event was conducted in online mode. The rules of the event were explained before each round. Overall, 25 people submitted their response for the event and the best three were given winners' certificates. The winners of the event are Sowmiya, Jayanthika, Akshaya and the others were provided with participation certificates. The student coordinators for this event are Deepika U "Jayavarshini M J , Abinaya Priya R A , Shiva D Sunil Kumar M.



PIC: EVENT POSTER

The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering and IEEE Madras Section collaborated and conducted a webinar event "இலக்கியம்அறிவோம்" related to Tamil literature on 8th august 2023 between 6:00 pm to 7:00pm. The event was conducted in online mode. The rules and regulations were explained before. Overall, 85-90 people attended the session. This session was conducted by Mr.K.Rajanthiran . The Participants were provided with participation certificates. The student coordinators for this event are Deepika U, Jayavarshini M J, Abinaya Priya R A, Shiva D Sunil Kumar M

IEEE activities

The IEEE Student branch Society Of St.Joseph's College Of Engineering Conducted 'Erudite'23', an international webinar series for 3rd and 4th year EEE students on July 26, 2023. The event aimed to inspire and motivate students in the field of full stack development and this event is address byKishan Patel, founder of learn bytes, Ex head of product development and full stack developer, Greater Chicago, USA. The event saw the cumulative participation of 80 students over the Gmeet. This



PIC: EVENT POSTER

session is conducted from 7.30PM to 8.30PM. The session was generally well received by the participants and was very informative. Participants were also allowed to interact with the speaker and got to resolve their queries regarding web development and how they can get the opportunities in this field. E-Certificates were provided to all who participated in the event. The Student coordinator for this event was Arisudan TH

IEEE activities



The IEEE Student branch Society Of St.Joseph's College Of Engineering Conducted 'Erudite'23', an international webinar series for 3rd and 4th year EEE students on July 30, 2023. The event aimed to inspire and change the vision for computer among students and this event is addressed by Puja Choudhury, pursued Masters in Robotics and computer science, North eastern university, Boston. The event saw the cumulative participation of 75 students over the Gmeet. This session is conducted from 5.00PM to 6.00PM. The session was generally well received by the participants and was very informative. Participants were also allowed to interact with the speaker and got to resolve their queries regarding the booming of computers nowdays. E-Certificates were

PIC: EVENT POSTER

provided to all who participated in the event. The Student coordinator for this event was Arisudan TH.

IEEE activities



PIC: EVENT POSTER

The IEEE Student branch Society Of St.Joseph's College Of Engineering Conducted 'Erudite'23', an international webinar series for 3rd and 4th year EEE students on August 01, 2023. The event aimed to give knowledge of IOT and how IOT impacts the world and this event is addressed by Dilruba Malik, Seniior SQA manager at palo alto networks, leading the IOT network network engineering. The event saw the cumulative participation of 65 students over the Gmeet. This session is conducted from 9.00AM to 10.00AM. The session was generally well received by the participants and was very informative. Participants were also allowed to interact with the speaker and got to resolve their queries regarding the IOT technology. E-Certificates were provided to all who participated in the event. The Student coordinator for this event was Arisudan TH.



PIC: EVENT POSTER

College Of Engineering Conducted 'Erudite'23', an international webinar series for 3rd and 4th year EEE students on August 11, 2023. The event aimed to create awareness for the opportunities in embedded systems and this event is addressed by Jacob Thomas Pudukeril, Mechatronics embedded engineer, IIOT enthusiast. The event saw the cumulative participation of 75 students over the Gmeet. This session is conducted from 9.30AM to 10.30PM. The session was generally well received by the participants and was very informative. Participants were also allowed to interact with the speaker and got to resolve their queries regarding the booming of computers nowdays. E-Certificates were provided to all who participated in the event. The Student coordinator for this event was Arisudan TH.

The IEEE Student branch Society Of St.Joseph's

IEEE activities

The IEEE Student branch Society Of St.Joseph's College Of Engineering Conducted 'Erudite'23', an international webinar series for 3rd and 4th year EEE students on August 14, 2023. The event aimed to let know the students about solar PV system and this event is addressed by Namachivayam Muthusamy, Director of Virupaksha automation and control ovt. Ltd.. The event saw the cumulative participation of 70 students over the Gmeet. This session is conducted from 9.30AM to 10.30PM. The session was generally well received by the participants and was very informative. Participants were also allowed

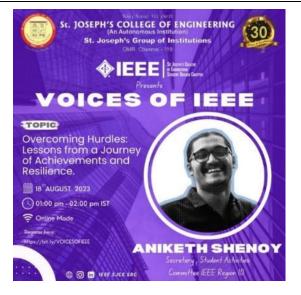


to interact with the speaker and got to resolve their queries regarding the booming solar energy nowdays. E-Certificates were provided to all who participated in the event. The Student coordinator for this event was Arisudan TH.

PIC: EVENT POSTER

IEEE activities

IEEE St.Joseph's College of Engineering Conducted a Series of Webinar "VOICES OF IEEE". The topic of this webinar is overcoming hurdles: Lessons from a journey of Achievements and Resilience by Aniketh Shenoy, Secretary, Student Activities Committee IEEE Region 10 on 18-08-2023. In this webinar around 46 took part over Gmeet. During this session students gathered knowledge about how to overcome hurdles.



This session undoubtedly helpful for student to move ahead

PIC: EVENT POSTER

S IEEE activities

IEEE St.Joseph's college of Engineering student chapter organized a webinar series "Voices of IEEE"The topic of this Webinar session is Networking Opportunities unlocking by IEEE by Shone Jose ,SAC Chair, IEEE Kerala Section on 1-08-2023.In this session students around took part over Gmeet . During session students acquired knowledge about opportunities in IEEE which leads their life ahead.



PIC: EVENT POSTER

MOCK INTERVIEW FOR FINAL YEAR

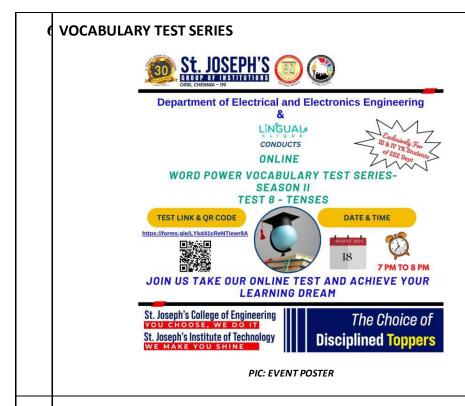


Our department of Electrical and Electronics Engineering, Placement club has conducted Mock interviews for the final year students by our Alumni. The mock interview session was intended to identify the strength and weakness of the students thereby suggesting some corrective measures to overcome their weakness.

PIC: EVENT PHOTO Our department of Electrical and Electronics MINI PROJECT EXPO Engineering, Placement club has organized mini project expo for III Year Students to exhibit their technical skills. Many students enthusiastically DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING Organized participated in the mini project **MINI PROJECT EXPO'23** DATE: 21/08/2023 St. Joseph's College of Engineering The Choice of St. Joseph's Institute of Technology

Disciplined Toppers

PIC: EVENT PHOTO

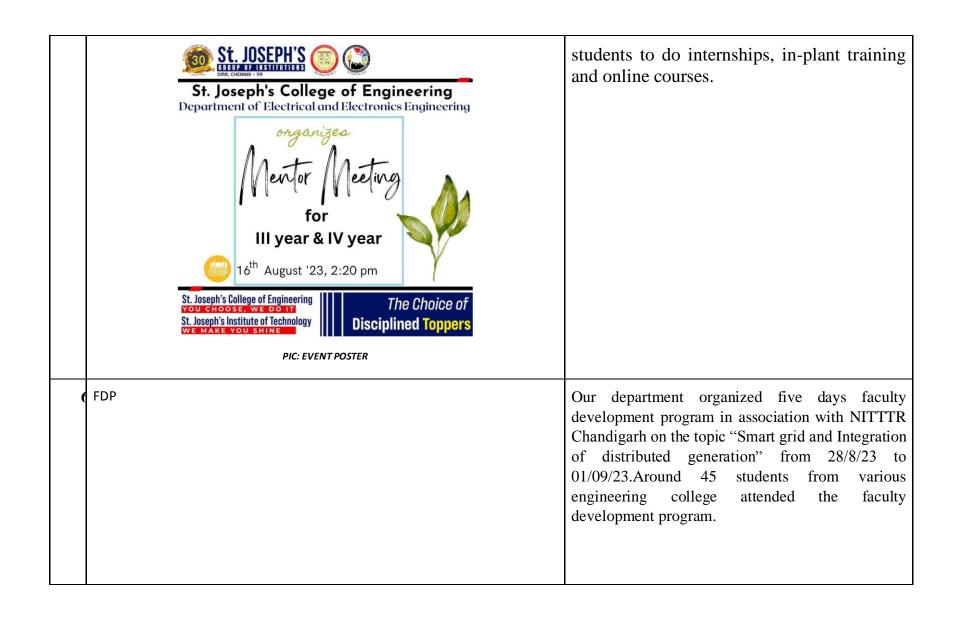


Our department of Electrical and Electronics Engineering, Lingual Clique club has organized word power vocabulary test series for the students on 4/8/23,18/8/23,1/9/23,8/9/23. The test series helped the students to improve their communication skills.

MENTOR MEETING

Date: 16/08/2023; 02:20 to 03:00 pm

The mentor meeting was conducted by faculties of Department of Electrical and Electronics Engineering on 16/08/2023 (2:20 pm to 3:00 pm). In this mentor meeting faculties monitor the progress of the students in the academics, placement exam and other project competition. Mentors encourage the





PLACEMENT DETAILS FOR THE MONTH OF AUGUST 2023

2020-2024 Batch

Total No of students placed = 15 Students

Total No of Offers = 16 Offers

No of students having single offers = 14

No of students having Double offers = 1

No of students having Triple offers =

No of students having Quadruple offers =

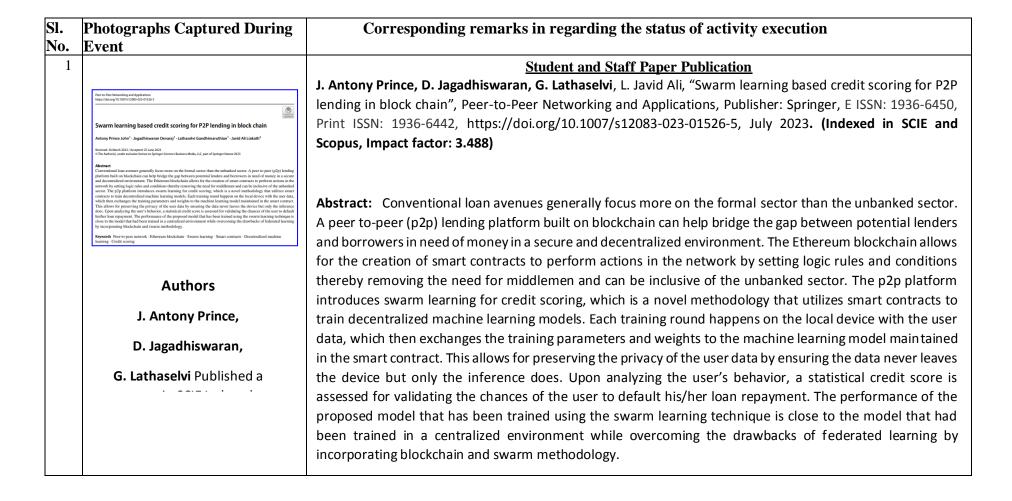
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

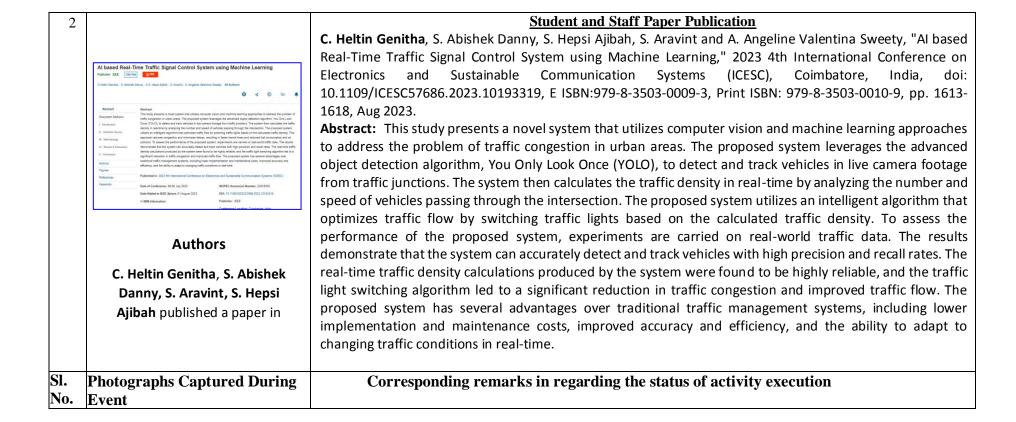
SI. No	Title	De	etail			
I	Consultanc y	S.No	PI and Co-PI	Title of the consultation work	Period	Proof
		1.	Dr.R.Sivakumar, Dr.C.N.Gnanaprakasam	Enhancing Parameter Estimation of Permanent Magnet Synchronous Motors using Signal Processing Techniques.	Aug-Sep 2023	Popul format Disappoint for members you is. Disappoint for members you is. Statement of the consolition of the island. Statement of the island. Statement of the consolition of the island. Statement of the island.

DEPARTMENT OF MBA.

FACULTY PUBLICATION:	Dr. R. Arun has published a paper on "Impact of Economic Growth on Tourism Destinations Towards Employment Opportunities" in European Economic Letters ISSN 2323-5233 Vol 13, Issue 4 (2023)
	Dr. R. Arun has published a paper on Impact of Artificial Intelligence on Healthcare Informatics: Opportunities and Challenges, Journal of Informatics Education and Research ISSN: 1526-4726 https://doi.org/10.52783/jier.v3i2.384 Vol 3 Issue 2 (2023)
	Dr. R. Arun has published a paper on Effectiveness Performance of Bank Credit on the Event Management Firms in Tamilnadu State In Satyasai Jagannath Nanda & Rajendra Prasad Yadav (eds.), <i>Data Science and Intelligent Computing Techniques</i> , 463–470. Computing & Intelligent Systems, SCRS,India.

DEPARTMENT OF INFORMATION TECHNOLOGY







Dr. S. DuraimuruganPublished a patent (India Patent)

Patent Published

Title of the invention: Monitoring Agriculture Waste by Image Processing System based on IOT

Name of Inventor:

- 1. Ms.Neema George
- 2. Dr. B. K. Anoop
- 3. Drr.N.Susitha
- 4. Dr.M.Ramesh
- 5. Mr. Anandbabu Gopatoti
- 6. Mr.M.Purnachandra Rao
- 7. Ms.S.Jayachitra
- 8. Dr. S. Duraimurugan
- 9. Mr. Addagatla Prashanth
- 10. Dr.K.Abhimanyu Kumar Patro

Patent Application Number: 202341035348

Date of filing of Application: 21/5/2023

Publication Date: 18/8/2023

Office of the Coverage Commit of Present, Designs & Task Marks

Ministry of Commerce & Includy;

Whitely of Commerce & Includy;

Application Design

Application Design

Application Design

APPLICACION TYPE ORGANIZATION

APPLICACION TYPE ORGANIZATION

ONE OF PRINCE

ONE OF PRINCE

ONE OF PRINCE

ONE OF PRINCE

1. DeSignation Research Application

1. DeSignation Research Application

A National Application organization

1. DeSignation Application

A National Application organization

1. DeSignation Application

A National Application organization

1. DeSignation Application

THE OF PRINCEPOINT ORGANIZATION

INTEL OF PRINCEPOINT ORGAN

K. Deepa Published a patent (India Patent)

Patent Published

Title of the invention : Implementation Of Block Chain Security Scheme to Support Fog based Internet of Things

Name of Inventor:

- 1. Dr. Yaswanth Kumar Avulapati
- 2. Manne Renuka
- 3. Dr. R. M. Swarna Priya
- 4. Nalineekumari Arasavali
- 5. Dr. S. Thamizharasan
- 6. Dr. J. Padmavathi
- 7. **K.** Deepa
- 8. GBSR Naidu
- 9. Dr.P.M.K.Prasad
- 10. Dr. Nagsen Samadhan Bansod
- 11. S. Arunkumar
- 12. Chtakunta Praveen Kumar

Patent Application Number: 202341032825

Date of filing of Application: 9/5/2023

Publication Date: 18/8/2023

SI. No. 5	Photograp Event	hs Ca	pture	d Durn
3	©	A SEASON STREET	0	Q ^X EXCELR
		CERTIF	THE RESERVE AND ADDRESS OF	
		Logeshwari D	West -	
	toticipates	Lin Jacquardine expendies		port of
	argument by 3	CAB letter or angeniering.	a techningy is colorous	or with depart state of the Loss
	D. I. I. Onedonoska	2006 HT 84.510	-	A SAA-

Sample FDP Certificate

Corresponding remarks in regarding the status of activity execution

Seminar/FDP Attended by Faculty

S.No
1.

DEPARTMENT OF Artificial Intelligence and Machine Learning



	FDP Organized by the faculty							
S. No	Name of the FDP /Workshop	Name of the staff	Sponsored By	Duration				
•								
1	AL3501 Natural Language Processing	Dr.C.J.Raman	CFD Anna University, Chennai	31.7.2023 to 5.8.2023				

FDP / Workshop Attended by the faculty

S. No.	Name of the FDP /Workshop	Name of the staff	Conducted By	Duration
1	Data Science Tools	Ms. Anitha S	SRM Institute of Science and Technology, Tiruchirapalli	12.7.23 to 1.8.23 (21 Days)
2	Data Science Tools	Dr.Manikandan G	SRM Institute of Science and Technology, Tiruchirapalli	12.7.23 to 1.8.23 (21 Days)
3	Data Science Tools	Dr.C.J.Raman	SRM Institute of Science and Technology, Tiruchirapalli	12.7.23 to 1.8.23 (21 Days)
4	Data Science Tools	Dr. L. Sherly Puspha Annabel	SRM Institute of Science and Technology, Tiruchirapalli	12.7.23 to 1.8.23 (21 Days)
5	Cloud Infrastructure	Dr. Lilly Raamesh	Brainovision Solutions and Pvt Ltd and AICTE	21.8.23 to 25.8.23 (5 Days)
6	Cloud Infrastructure	Dr.Manikandan G	Brainovision Solutions and Pvt Ltd and AICTE	21.8.23 to 25.8.23 (5 Days)



7	Cloud Infrastructure	Ms. Anitha S	Brainovision Solutions and Pvt Ltd and AICTE	21.8.23 to 25.8.23 (5 Days)

DEPARTMENT OF MATHEMATICS & ENGLISH

Events	Remarks						
FDP/Worksho	p/Confe	erence					
Factory Development Plogram	S.No	Name of the staff	Title of FDP / Workshop	Organized by	Mode	From	-
photologic	1	Dr.Priyadharshini P	Research Method and Methodology – Workshop	Eudoxia Research University - ICER	Online	17-08- 2023	24 20
WEINAR							
	On August 25, 2023, the Department of Mathematics hosted a one-day workshop on Recent Trends in Applied Ma Experts in						matics.
their Field In the workshop, Dr. Anita Pal , Associate Professor, Department of Mathematics, NIT, Durgapur, Dr. M. A . Associate Professor, Department of Mathematics, Loyola College, and Dr. T. Karthick , Associate Professor, Comput Unit, Indian Statistical Institute, Chennai gave speeches.					-		
A T			-				
Symposium							
Awards/Prize won by staff	Dr. S. Arul Amritha Raja spoke at the National Level Workshop on An Introduction To The Scientific Softwares MATLAB, Latex, and Maple, which was held from August 18 to August 19, 2023 at Auxilium College Of Arts And						

	Sci	ence, Thanjavur.			
	1.	1. Markkandeyan, S., Shivani Gupta, G. Venkat Narayanan, M. Jithender Reddy, Mahmoud Ahmad Al-			
		Khasawneh, Mohammad Ishrat, and Ajmeera Kiran. "Deep learning based semantic segmentation approach for			
		automatic detection of brain tumor." International Journal Of Computers Communications & Control 18, no. 4			
		(2023). SCIE			
Publications(on	2.	Sundareswaran, R., M. Shanmugapriya, P. Chellamani, Assia Bakali, and Mohamed Talea. "Determination of			
ly published)		Various Factors to Evaluate a Successful Curriculum Design Using Interval-Valued Pythagorean Neutrosophic			
details		Graphs." (2023). SCIE			
actans	3.	S. Ghousia Begum, N. Jose Parvin Praveena, A. Rajkumar, D. Nagarajan, Broumi Said. "Analyses the least cost			
		using Travelling Salesman problem through Neutrosophic Fuzzy system." International Journal of Neutrosophic			
		Science, 20 no. 1 (2023): 68-76.			

DEPARTMENT OF MECHANICAL ENGINEERING

SI	Name of the Activity	Remarks
No		
1	Alumni Talk:	Our Alumni Mr.Dhanushadithyan.J, Benchmark Engineer, VALEO India
		Private Limited gave a alumni talk to the Final Year Students during 2-
		3PM on July 3,2023.
2	Program organized	A program on AUTOCAD title, "CAD for Engineering Aspirants" was
		organized on 15 th July 2023 at 6:00PM
3	Funded Project received	Dr.L.Balamurugan and Mr.N.Sathish kumar has received a grant of
		Rs.2.1 Lakhs for the project titled,"Developing Functionally graded
		lattice structures in additive manufacturing for aerospace
		applications" under TNSCST-Science and technology scheme.
4.	Industrial Visit	Third year Students of Section A visited Titan-Hosur on 15 th July 2023.
		Third Year Student of Section C visited IGCAR on 21st July 2023.
5	Competetion	A group of 6students participated and cleared the Technical
		presentation round in Drone Competeton at Rajalakshmi engineering
		college organized by SAE India.

DEPARTMENT OF SCIENCE

Sl.	Events	Remarks
No.		
1	FDP/Workshop/Conference	1. Dr. S. Kiruba, Dr. N. Punitha, Dr. V. Swarnalatha attended 5 days National level
		Faculty development Program on "CO-PO mapping and CO-PO attainment" conducted
		by "Greater Kolkata College of Engineering and Management" held between
		10.07.2023 and 14.07.2023. (Certificates received in the month of Aug 2023)
		2. Dr. S. Kiruba, Dr. N. Punitha, Dr. P. Krishnan, Dr. S. Rama, Dr. P. Saravanan, Dr.
		V. Swarnalatha, Dr. A. UmaDevi, Dr. N.R. Rajagopalan, Dr. K. Jayamoorthy, Dr. S.M.
		Prakash, Dr. G. Sasikumar attended National workshop on "Advanced research
		methodology" conducted by "SRM Instittute of Science and Technology, Ramapuram
		Campus, Chennai" held between 03.07.23 and 18.07.23. (Certificates received in the
		month of August 2023)
2	Awards/Prize won by students / Staff	Chairing the session:
		Dr. S. Suresh chaired a session at Fourth International Conference on Advances in
		Physical Sciences and Materials 2023 (ICAPSM 2023), conducted by KPR Institute of
		Engineering and Technology, Coimbatore, held between 17.08.23 and 18.08.23
		Reviewers:
		Dr. K. Jayamoorthy has acted as reviewer for the following reputed journals.
		1. Environmental Advances– August 2023
		2. Journal of Saudi Chemical Society – August 2023