



You Choose, We Do It

# St. JOSEPH'S COLLEGE OF ENGINEERING

(An Autonomous Institution)

St. Joseph's Group of Institutions

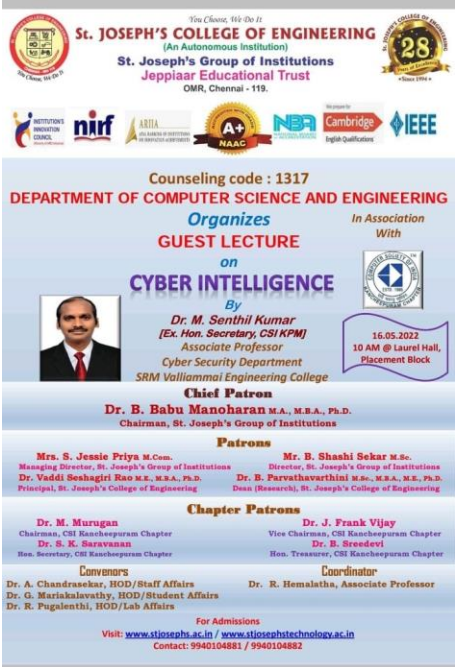
Jeppiaar Educational Trust

OMR, Chennai - 119.



## AUGUST 2022

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Sl. No.	Event with Photo	Description
1	 <p>The poster details the FDP on Open Source Cyber Security Tools, organized by the Department of Computer Science and Engineering at St. Joseph's College of Engineering. It lists the guest lecturer Dr. M. Senthil Kumar, the chief patron Dr. B. Babu Manoharan, and various patrons and chapter patrons. The event is scheduled for 16.05.2022 at 10 AM in Laurel Hall, Placement Block.</p>	<p>Date : 22.08.2022 – 26.08.2022            Venue : Online            Nature of Event : Faculty Development Programme            Participants : Engineering Faculties            Organized by : NITTTR, Chandigarh</p> <p><b>Objective:</b></p> <ul style="list-style-type: none"> <li>To get exposure in cyber security</li> <li>How to use and protect our electronic gadgets from cyber attacks</li> <li>Ways of cyber attacks</li> <li>Tools for protecting cyber attacks</li> </ul> <p><b>Outcome:</b></p> <ul style="list-style-type: none"> <li>Gained knowledge about the fundamentals of cyber security</li> <li>The tools used for protecting our gadgets from cyber attacks</li> <li>How to act if there is a cyber-attack occurred</li> </ul>

# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## 1. Events Organized:

The following events have been organized and conducted in the month of August, 2022

### OPTICA Event: GUEST TALK

**St. Joseph's College of Engineering**  
(An Autonomous Institution)  
**St. Joseph's Group of Institutions**  
Jeppiaar Educational Trust  
OMR, Chennai - 119  
COUNSELLING CODE - 1317

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
in association with  
**OPTICA STUDENT CHAPTER**  
presents  
**A GUEST TALK ON**  
" OUR FUTURE WITH SEMICONDUCTORS "

Date: 2<sup>nd</sup> August 2022  
Venue - AV Hall  
Timing: 10:00 AM To 11:30 AM

**Mr. Arul Mahesh Jagadeesa Das B.E., M.S., M.B.A**  
Senior Business Development Manager  
(Fabless, System & EDA) at Imec, Belgium  
**Chief Patron**  
**Dr. B. Babu Manoharan M.A., M.B.A., Ph.D.**  
Chairman, St. Joseph's Group of Institutions

**Patrons**  
Mrs. S. Jesse Priya M.Com. Managing Director, St. Joseph's Group of Institutions  
Mr. B. Shashi Sekar M.Sc. Executive Director, St. Joseph's Group of Institutions  
Dr. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D. Principal, St. Joseph's College of Engineering

Dr. G. Sreekumar M.Sc., M.Tech., Ph.D. Dean (Academics)  
Dr. A. Chandra Sekar M.E., Ph.D. Dean (Research)  
Dr. V. Vallinayagam M.Sc., M.Phil., Ph.D. Dean (Students Affair)

**Convenors**  
Dr. B. Victoria jancee M.E., Ph.D. HOD-Staff Affairs  
Dr. S. Aghalya M.E., Ph.D. HOD-Student Affairs  
Dr. P. Ezhilarasi M.E., Ph.D. HOD-Lab Affairs

**Staff Coordinator**  
Dr. B. Vasudevan M.E., Ph.D. Associate Professor

**Student Coordinators**  
Rithish Murugan - +917550203999  
Shriya Mukundan - +919790935605  
Raghuram Murugesh - +916381376804

\*For Admissions: Visit [www.stjosephs.ac.in](http://www.stjosephs.ac.in) / [www.stjosephstechnology.ac.in](http://www.stjosephstechnology.ac.in) or  
Contact: 9940104881 / 9940104882

### Report

An Interesting event for Electronics and Communication Engineering students on the title "Our Future With Semiconductor" was organised by the department of Electronics and Communication Engineering in association with the OPTICA student chapter on 02/08/2022. The chief guest was Mr. Arul Mahesh Jagadeesa Das who is a Senior Business Development Manager with several years of demonstrated work history in the semiconductor research industry.

The event started with the welcome speech and a brief introduction about the OPTICA with the events conducted so far and the achievements of OPTICA.

The guest started with giving an intro about the semiconductor industry and moved on by explaining the importance of semiconductor electronic devices. He also gave a detailed explanation about the evolution of semiconductors and explained about the various possibilities in growth of the same. It was an eye opening session for all the students in the field of electronics and was very informative.

Around 180 students from the ECE department of St. Joseph's College of Engineering were participated. It was a very interactive session as the students were encouraged by the guest to ask any sort of doubts and he poured his knowledge by explaining the answers to all the queries. It was an heartfelt presentation about semiconductors. The event was well organized by Dr. B. Vasudevan, co-ordinator of OPTICA student chapter, along with the office bearers, Mr. Rithish Murugan (President), Shriya Mukundan (Vice President), Mr. Raghuram Murugesh (secretary).

**OPTICA Event : TECH TALK**

**Report**



An enlightening technical event for the Electronics and Communication Engineering Students on the title “TECH TALK” was organized by the Department of ECE in association with the OPTICA student chapter on 30.08.2022 . The event started with a welcome address and the rules and regulations for the event were instructed. 7 teams participated from III year in department of ECE ,St. Joseph’s College of Engineering and got benefited. There was only one round where each team came forward and presented their innovative ideas in front of the judges. Those ideas were new and very informative for the participants who were present. The entire event was monitored and judged by Dr.B.Vasudevan, Co-Ordinator of Optica STUDENT CHAPTER and Mr.R.Prabhu, Assistant professor, Department of ECE.



**2. Publications:**

The following staff member have published research paper in the month of July at International Level

S. No	Name of the Staff	Title of the Publication	Journal/Conference	Date & Year of Publication	Indexing
1.	Mrs.P.Thenmozhi	Robotic Process Automation For Managing Patient Records	AICTE Sponsored International Conference on "Emerging Innovative Technologies in Engineering"	13/7/2022	Presented and publication is in progress



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S.No	Events	Remarks
1.	 <p style="text-align: center;"><b>PIC: IEEE event poster</b></p>	<p>Our IEEE Women in Engineering AG under St. Joseph's College of Engineering Student Branch Chapter organised "WOMEN'S FORUM -Session 8" on behalf of IEEE WIE 25th Anniversary Celebration for School, Diploma and College students on 28th July 2022. The topic of the webinar was "Utilizing technical knowledge to make a difference as an engineer". The speaker for the webinar was Ms. Jeewika Ranaweera. She discussed the different career prospects in the engineering field. Around 55 participants participated in this webinar. E-certificates were provided for all the participants.</p>
2.		<p>Our Electrical Club of St. Joseph's College of Engineering (Electrical &amp; Electronics Engineering) hosted the art festival "DOODLING DOO" on August 12, 2022. This exclusive event began at 10.40 am with all the club members present. It began with showcasing our student's hidden talents, and they were recognised with certificates for their excellent efforts throughout the event. With the enthusiasm of our students, the event went on. A photo session marked the program's conclusion.</p>

PIC: ELECTRICAL CLUB event poster

3.

**St. JOSEPH'S COLLEGE OF ENGINEERING**  
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OMR, Chennai - 119

ARHA | NRI | IEEE | Cambridge

Counselling Code :1317

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ENSAV CLUB  
Organizes

**ALOHOMORA**  
Technical Fun Event

AUG 23

Register Here : <https://forms.gle/sNM5Y9GLxBKcqRRn9>

**Chief Patron**  
Dr. B. Babu Manoharan M.A., M.B.A., Ph.D.  
Chairman, St. Joseph's Group of Institutions

**Patrons**  
Mrs. S. Jessie Priya M.Com. Managing Director, St. Joseph's Group of Institutions  
Mr. B. Shashi Sekar M.Sc. Executive Director, St. Joseph's Group of Institutions

**Convenors**  
Dr. C. Sreekumar M.Sc., M.Tech., Ph.D. Dean Academic, St. Joseph's College of Engineering  
Dr. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D. Principal, St. Joseph's College of Engineering  
Dr. A. Chandra Sekar M.E., Ph.D. Dean Research, St. Joseph's College of Engineering  
Dr. V. Vallinayagam M.Phil., Ph.D. Dean Student Affairs, St. Joseph's College of Engineering

**Staff Coordinators**  
Dr. Jayarama Pradeep M.E., Ph.D. Professor & Head - Staff Affairs  
Dr. T.V. Narmadha M.E., Ph.D. Professor & Head - Lab Affairs  
Dr. M Venkatesh M.Sc. Associate Professor  
Dr. P Anbarasan M.Tech., Ph.D. Assistant Professor

**Student Coordinators**  
Godson S V Noble | Eureka S Singh | Nandi Varadhan | Mohana Santhosh | Arish Kumar | Kavi Priya | Navina | Linda Joyce | Ishwariya | Keerthana | Deepika

\*For Admissions: visit [www.stjosephs.ac.in](http://www.stjosephs.ac.in) / [www.stjosephstechnology.ac.in](http://www.stjosephstechnology.ac.in) or contact: +91 99401 04881 / +91 99401 04882

PIC: ENSAV CLUB EVENT POSTER

Our Ensav club of St. Joseph's College of Engineering's (Electrical & Electronics Engineering) staged the art exhibit "ALOHOMORA" on August 23, 2022. At 2:00 a.m., all the club members began this exclusive event. The activity launched an investigation into our students' hidden talents. The excitement of our pupils helped the event to continue. A photo shoot wrapped up the program.

4.

**St. JOSEPH'S COLLEGE OF ENGINEERING**  
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ARHA | NBA | A+ | IEEE | Cambridge | nitr

Counselling Code : 1317  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ORGANISES  
**PEEK-A-BOO**  
AN EXPEDITIOUS EVENT  
ON AUGUST 20<sup>th</sup> 2022

REGISTER HERE:  
<https://forms.gle/SbKSkWslkvqJqT87>

FOR 2<sup>nd</sup> YEARS  
WINNERS WILL BE PROVIDED  
A HARDCOPY CERTIFICATE

10:20-11:40Am

**Chief Patron**  
Dr. B. Babu Manoharan M.A., M.B.A., Ph.D.  
Chairman, St. Joseph's Group of Institutions

**Patrons**  
Mrs. S. Jessie Priya M.Com.  
Managing Director, St. Joseph's Group of Institutions  
Mr. B. Shashi Sekar M.Sc.  
Executive Director, St. Joseph's Group of Institutions  
Dr. Vaddi Seshagiri Rao M.A., M.B.A., Ph.D.  
Principal, St. Joseph's College of Engineering

**Convenors**  
Dr. Jayarama Pradeep M.E., Ph.D.  
Professor & Head - Staff Affairs  
Dr. T.V. Narmadha M.E., Ph.D.  
Professor & Head - Lib Affairs

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Dr. C. Sree Kumar M.Sc., M.Tech., Ph.D.  
Dean Academic, St. Joseph's College of Engineering  
Dr. A. Chandra Sekar M.E., Ph.D.  
Dean Research, St. Joseph's College of Engineering  
Dr. V. Vallinayagam M.Phil., Ph.D.  
Dean Student Affairs, St. Joseph's College of Engineering  
Mr. R. Elanthirayan M.Tech., (Ph.D.) Assistant Professor  
Ms. S. P. Vedavalli M.E. (Ph.D.) Assistant Professor

**STUDENT COORDINATORS**  
HARISHKUMAR.K THEJA THANUJ.S.R DHIVYANESH.P MUKUNTHASRI.R AMIRTHA VARSHINI.M  
RANJANIS ABINAYA PRIYA.R.A VISHNU PRIYAS HARRY JAKIN.S KAVIYA.P SIVA MALAVAN.E.S RAMYA.R

\*For Admissions: visit [www.stjosephs.ac.in](http://www.stjosephs.ac.in) / [www.stjosephstechnology.ac.in](http://www.stjosephstechnology.ac.in) or contact: +91 99401 04881 / +91 99401 04882

**PIC: SOCIAL AWARENESS CLUB EVENT POSTER**

Our Social Awareness Club hosted the big Talent Exposing Competition "PEEK-A-BOO" On August 20,2022 at 10:20 a.m., all Our Club's members began the exclusive competition. The ceremony began by showcasing our students' talents, and they were recognized for their great efforts by receiving trophies and diplomas. The celebrations for our students kept going strong. The event concluded with a photo session.

5.

**St. JOSEPH'S COLLEGE OF ENGINEERING**  
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Counselling Code : 1317  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ORGANISES  
**QUICKESTA**  
A QUICK WITTED EVENT  
ON AUGUST 5<sup>th</sup> 2022

REGISTER HERE:  
<https://forms.gle/SbKSkWslkvqJqT87>

FOR 3<sup>rd</sup> YEARS  
WINNERS WILL BE PROVIDED A HARDCOPY CERTIFICATE

1:40 - 3:00PM

**Chief Patron**  
Dr. B. Babu Manoharan M.A., M.B.A., Ph.D.  
Chairman, St. Joseph's Group of Institutions

**Patrons**  
Mrs. S. Jessie Priya M.Com.  
Managing Director, St. Joseph's Group of Institutions  
Mr. B. Shashi Sekar M.Sc.  
Executive Director, St. Joseph's Group of Institutions  
Dr. Vaddi Seshagiri Rao M.A., M.B.A., Ph.D.  
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Dean Student Affairs, St. Joseph's College of Engineering  
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RANJANIS ABINAYA PRIYA.R.A VISHNU PRIYAS HARRY JAKIN.S KAVIYA.P SIVA MALAVAN.E.S RAMYA.R

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**PIC: SOCIAL AWARENESS CLUB event poster**

Our Social Awareness Club hosted the "QUICKESTA" big talent expo, on August 5, 2022, at 1:00 PM, all Our Club's members began this unique competition. The ceremony began with showcasing our students' talents, and they were recognized for their exceptional efforts by receiving trophies and certificates. The celebrations for our students kept going strong with enthusiasm. The event concluded with a photo session.

6.

**St. JOSEPH'S COLLEGE OF ENGINEERING**  
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 Jeppiaar Educational Trust  
 OMR, Chennai - 119.

28  
 YEARS  
 OF  
 EXCELLENCE

ARITA | NBA | NAAC | IEEE | NIF | Cambridge

Counselling Code :1317  
 DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Robotics CLUB  
 presents

REGISTER HERE  
<https://bit.ly/3Rd92YG>

26/08/2022  
 TIME-10:20-11:40  
 VENUE-BLOCK 5

CERTIFICATES WILL BE PROVIDED

OPEN  
 To all 2nd and 3rd Years

**Chief Patron**  
 Dr. B. Babu Manoharan M.A., M.B.A., Ph.D.  
 Chairman, St. Joseph's Group of Institutions

**Patrons**  
 Mrs. B. Jessie Priya M.Com. Managing Director, St. Joseph's Group of Institutions  
 Mr. B. Shashi Sekar M.Sc. Executive Director, St. Joseph's Group of Institutions  
 Dr. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D. Principal, St. Joseph's College of Engineering

**Coordinators**  
 Dr. G. Sreekumar M.Sc., M.Tech., Ph.D. Dean Academics, St. Joseph's College of Engineering  
 Dr. A. Chandra Sekar M.E., Ph.D. Dean Research, St. Joseph's College of Engineering  
 Dr. V. Vallinayagam M.Phil., Ph.D. Dean Student Affairs, St. Joseph's College of Engineering

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 Dr. T.V. Narmadha M.E., Ph.D. Professor & Head - Lab Affairs  
 Dr. ANBARASAM P. M.Tech., Ph.D. Assistant Professor / EEE  
 Mr. S. SIVAKUMAR, M.E. Assistant Professor / EEE

**Stonewall Coordinators**  
 DARSINI | BUYAVARAPU NAVEEN | NAVINA | KATHIRAVAN | CHRIS KEVIN | KARTHIK | CHRISTEL PEERIS | PRAVESH CHRISTO

\*For Admissions visit [www.stjosephs.ac.in](http://www.stjosephs.ac.in) / [www.stjosephstechnology.ac.in](http://www.stjosephstechnology.ac.in) or contact: +91 99401 04881 / +91 99401 04882.

**PIC: ROBOTICS CLUB event poster**

Our Robotics Club conducted a technical event called "ROBONETICS" On August 26, 2022, at 10:20 p.m., the members of our club began this private event. The event began to reveal our students' hidden talents, and they were recognized for their exceptional efforts by being awarded diplomas. The excitement of our pupils helped the event to continue. A photo shoot wrapped up the program.



7.

The poster is for an event organized by the Choppers Club at St. Joseph's College of Engineering. It features the college's logo at the top left, a '28th Anniversary' badge at the top right, and a row of accreditation logos (ABEIA, NTA, AV, IEEE, Cambridge, nif) in the middle. The event title 'Smart Electrics' is prominently displayed in pink. Below it, the date and time are given as 'FOR 3rd YEARS On 29th August, 2022 1.40-3.00PM'. A QR code and a registration link are provided. The poster lists the Chief Patron, Patrons, Coordinators, and Student Coordinators, along with contact information for admissions.

**St. JOSEPH'S COLLEGE OF ENGINEERING**  
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COUNSELLING CODE : 1317

ABEIA NTA AV IEEE Cambridge nif

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**CHOPPERS CLUB**  
ORGANISES  
**Smart Electrics**

**FOR 3rd YEARS**  
On 29th August,  
2022  
1.40-3.00PM

**REGISTER HERE**  
  
<https://forms.gle/YXESJURJMBMCCG8P>

**WINNERS WILL BE PROVIDED A HARDCOPY CERTIFICATE**

**Chief Patron**  
**Dr. B. Babu Manoharan** M.A., M.B.A., Ph.D.  
Chairman, St. Joseph's Group of Institutions

**Patrons**

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<b>Mr. B. Shashi Sekar</b> M.Sc. Executive Director, St. Joseph's Group of Institutions	<b>Dr. A. Chandra Sekar</b> M.E., Ph.D. Dean Research, St. Joseph's College of Engineering
<b>Dr. Vaddi Seshagiri Rao</b> M.E., M.B.A., Ph.D. Principal, St. Joseph's College of Engineering	<b>Dr. V. Vallinayagam</b> M.Phil., Ph.D. Dean Student Affairs, St. Joseph's College of Engineering

**Coordinators**  
**Mr. R. Elanthirayan** M.Tech., (Ph.D.) Assistant Professor  
**Ms. S. Gomathi** M.E. (Ph.D.) Assistant Professor

**STUDENT COORDINATORS**  
MANIGANDAN MADHUMALINI DHINAKARAN HEMAA SHIVANATHAN RAMPRASATH  
HEMA APSARA AJITH ACHUTHA AYESHA PARVEEN

\*For Admissions: visit [www.stjosephs.ac.in](http://www.stjosephs.ac.in) / [www.stjosephstechnology.ac.in](http://www.stjosephstechnology.ac.in)  
or contact: +91 99401 04881 / +91 99401 04882

**PIC: CHOPPERS CLUB event poster**

Our Electrical & Electronics Engineering Choppers Club hosted the major Talent Exposing Competition "SMART ELECTRICALS" On August 29,2022, at 10:20 A.M., this special contest began. with each club member. The event began with showcasing the talents of our students, who were then recognised for their outstanding contributions to the event with prizes and diplomas. For our pupils, the celebrations were going strong. The program concluded with a photo session.



8.

*You Choose, We Do It*  
**St. JOSEPH'S COLLEGE OF ENGINEERING**  
 (An Autonomous Institution)  
**St. Joseph's Group of Institutions**  
 Jeppiaar Educational Trust  
 OMR, Chennai - 119.

ARIIA | NBA | AICTE | IEEE | NIRF | Cambridge

Counselling Code :1317  
 DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**Robotics CLUB**  
 presents

18/08/2022 | 1:40 PM

VENUE-BLOCK 5

**ROBUSTA**

EXCLUSIVELY FOR

28th Anniversary

REGISTER NOW  
 CLICK HERE

CERTIFICATES WILL BE PROVIDED

**Chief Patron**  
**Dr. B. Babu Manoharan** M.A., M.B.A., Ph.D.  
 Chairman, St. Joseph's Group of Institutions

**Patrons**  
**Mrs. B. Jessie Priya** M.Com.  
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**Mr. B. Shashi Sekar** M.Sc.  
 Executive Director, St. Joseph's Group of Institutions

**Dr. Vaidi Seshagiri Rao** M.E., M.B.A., Ph.D.  
 Principal, St. Joseph's College of Engineering

**Dr. G. Sreekumar** M.Sc., M.Tech., Ph.D.  
 Dean Academics, St. Joseph's College of Engineering  
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**Dr. V. Vallinayagam** M.Phil., Ph.D.  
 Dean Student Affairs, St. Joseph's College of Engineering

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 Professor & Head - Staff Affairs  
**Dr. T.V. Narmadha** M.E., Ph.D.  
 Professor & Head - Lab Affairs

**Coordinators**  
**Dr ANBARASAN P.** M.Tech., Ph.D  
 Assistant Professor / EEE  
**Mr.S.SIVAKUMAR**, M.E.  
 Assistant Professor / EEE

**Student Coordinators**  
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**PIC: ROBOTICS CLUB event poster**

Our Electrical & Electronics Engineering Robotics Club hosted the technical-fun event "ROBUSTA" on August 18, 2022. This special event began at 1:00 p.m. with all our club members present. It was designed to uncover our students' hidden talents, and they were recognized with certificates for their great contributions. With the enthusiasm of our students, the event went on. A picture session marked the program's conclusion.

9.



PIC: ISTE event poster

Our St. Joseph's ISTE Student Chapter hosted "BRAIN SCAVENGERS" on August 16, 2022, for second-year students. The event's major objective was to demonstrate one's capacity for reason, critical analysis, and problem solution. This contest consisted of three rounds. Around 44 students took part in this competition. The team that had the most players across all three rounds was the one that win. Merit Certificates were awarded to the winners as prizes. The program concluded with a photo session.

10.



PIC: ISTE event poster

On August 16, 2022, St. Joseph's ISTE Student Chapter from the Department of Electrical & Electronics Engineering organised a grand Talent Exposing Competition "MIND SWEEPERS." The competition began at 10:20 a.m. with all Our Club's members The event began by showcasing our students' talents, and they were recognized with awards and certificates for their contributions throughout the event, the program concluded with a photo section.

11.



PIC: IEEE event poster

IEEE Student Branch Chapter of St. Joseph's College of Engineering organized an International Webinar series "Space Exploration". It's a 2 day webinar series from August 15, 2022 to August 19, 2022. The first session was held on August 15, 2022 with one of our eminent resource personalities "Mr. George Salazar" on the topic "System Development Process for Space Exploration". The event was initiated with a welcome note by the student coordinators. After the Welcome Note, the speaker moves into his topic with the interactive session. After the 40 minutes of energizing session, the query session started. It was handled by our student coordinator and the speaker effectively answered the queries of the participants. The session ended with thank note to the speaker by our Student Branch Counsellor.

12.

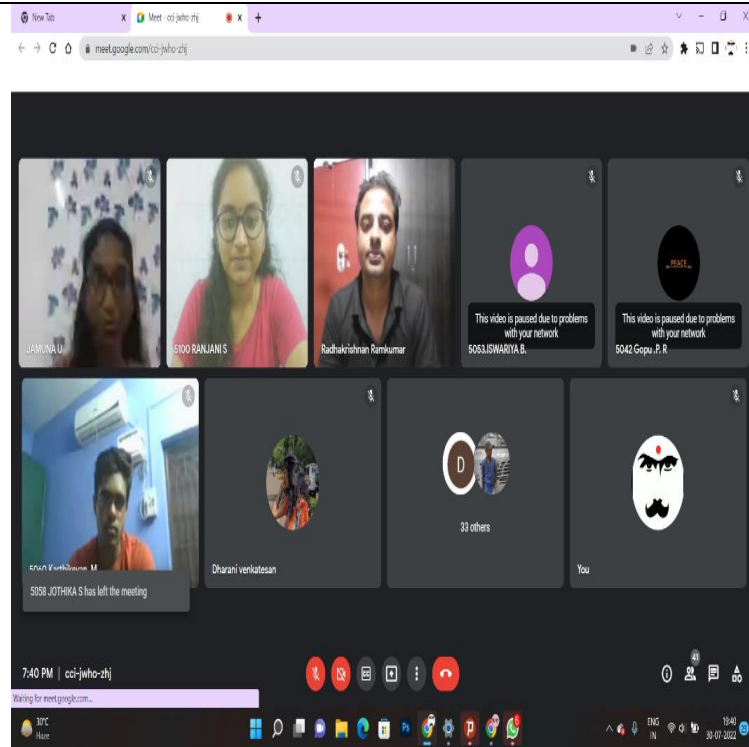


PIC: IEEE event poster

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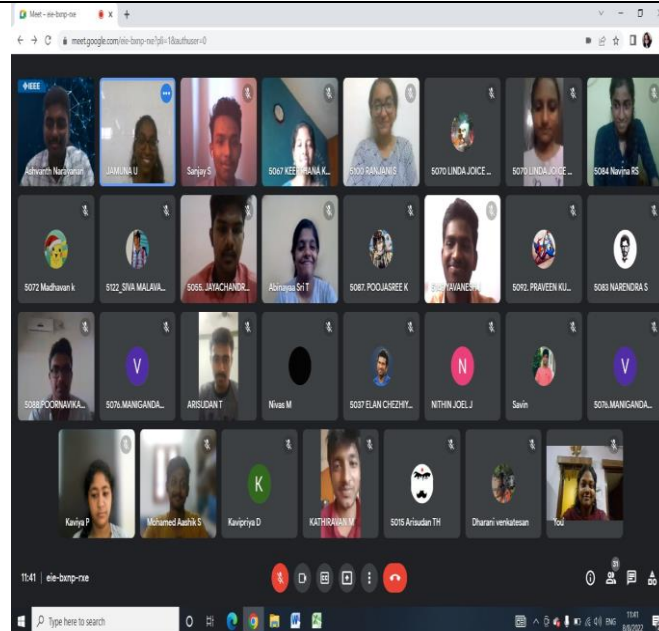
13.



**PIC: IEEE event screenshot**

The “Network with a Star” is a webinar conducted by IEEE SJCE SBC on 30<sup>th</sup> July 2022. A total of 45 Participants attended the webinar. The Speaker Mr.R.Radhakrishnan shared his insights on various opportunities for Electrical and Electronics Engineers to pursue their dream career and gave clear ideas to how to develop and improve their skills in their favorite domains to achieve a bright future. Then, the speaker answered the questions posted by the participants in the chat box for brief period of 20 minutes and the webinar session ends with sharing the E-memento to the speaker for his gratitude of sharing his thoughts about the various opportunities and development of skills for electrical and electronics engineers.

14.



**PIC: IEEE event screenshot**

The “Network with a Star” is a webinar conducted by IEEE SJCE SBC on 8<sup>th</sup> August 2022. A total of 50 Participants attended the webinar. The Presenter Mr. Ashwanth B was a IEEE Young Professional Member in Madras Section. He explained the significance of IEEE Young Professionals (YP) and the steps one might take to advance their career there. He drew the students in and provided them some advice on how to develop their talents using IEEE. He contributed some ideas for effective time management. He then responded in-depth to the queries posed by the attendees in the meet. The webinar session concludes with the speaker receiving an E-memento in appreciation of his willingness to share his views on IEEE YP and inspire us.



15.



**PIC: NGO photograph with Ill yr B section**

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) - nongovernmental organization arranged a visit on 6<sup>th</sup> August 2022 for the students of third year (B section). They had a visit to an orphanage nearby our college. Our college offered special lunch to all the inmates of the orphanage. Students are provided with transport facilities to visit the homes on activity Saturdays. They also spent their pocket money in a useful manner by offering the needy things like rice bags, groceries, toys, clothes, pillows etc. for the inmates. NGO activities bring out the hidden potentials of the young mind to service the needy people and make them a responsible citizen. They gain an exposure to the downtrodden lifestyle which is the need of the hour for our country's development

16.



**PIC: NGO photograph with Ilyr B section**

St. Joseph's College of Engineering, (Electrical & Electronics Engineering)- nongovernmental organization arranged a visit on 13<sup>th</sup> August 2022 for the students of second year (B section). They had a visit to an old age home near by our college. Our college offered special lunch to all the inmates of the old age homes. Students are provided with transport facilities to visit the homes on activity Saturdays. They also spent their pocket money in a useful manner by offering the needy things like rice bags, groceries, toys, clothes, pillows etc. for the inmates. NGO activities bring out the hidden potentials of the young mind to service the needy people and make them a responsible citizen. They gain an exposure to the downtrodden lifestyle which is the need of the hour for our country's development.

17.



**PIC: NGO photograph with Ilyr B section**

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) - nongovernmental organization arranged a visit on 13<sup>th</sup> August 2022 for the students of second year (B section). They had a visit to a old age home near by our college. Our college offered special lunch to all the inmates of the old age homes. Students are provided with transport facilities to visit the homes on activity Saturdays. They also spent their pocket money in a useful manner by offering the needy things like rice bags, groceries, toys, clothes, pillows etc. for the inmates. NGO activities bring out the hidden potentials of the young mind to service the needy people and make them a responsible citizen. They gain an exposure to the downtrodden lifestyle which is the need of the hour for our country's development.



18.



**PIC: NGO photograph with Ilyr A Section**

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) - nongovernmental organization arranged a visit on 20<sup>th</sup> August 2022 for the students of second year (A section). They had a visit to an orphanage nearby our college. Our college offered special lunch to all the inmates of the orphanage. Students are provided with transport facilities to visit the homes on activity Saturdays. They also spent their pocket money in a useful manner by offering the needy things like rice bags, groceries, toys, clothes, pillows etc. for the inmates. NGO activities bring out the hidden potentials of the young mind to service the needy people and make them a responsible citizen. They gain an exposure to the downtrodden lifestyle which is the need of the hour for our country's development

19.



**PIC: NGO photograph with Ilyr C Section**

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) - nongovernmental organization arranged a visit on 27<sup>th</sup> August 2022 for the students of second year (C section). They had a visit to an orphanage nearby our college. Our college offered special lunch to all the inmates of the orphanage. Students are provided with transport facilities to visit the homes on activity Saturdays. They also spent their pocket money in a useful manner by offering the needy things like rice bags, groceries, toys, clothes, pillows etc. for the inmates. NGO activities bring out the hidden potentials of the young mind to service the needy people and make them a responsible citizen. They gain an exposure to the downtrodden lifestyle which is the need of the hour for our country's development.

20.



**PIC: INDUSTRIAL VISIT photograph with III Yr A section**

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) arranged an industrial visit on 07<sup>th</sup> August 2022 for the students of third year (A section). They had a visit to the TVS Training Services and Limited company nearby our college. Industrial visit is an opportunity for the students to gain firsthand knowledge on the functioning of the industries and to get the feel of an industrial setup. Also, it is a chance to interact with the experienced people and observe the practical applications of what is theoretically learnt. The students were exposed to many industries in electrical core this year.

21.



**PIC: INDUSTRIAL VISIT photograph with III yr B section**

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) arranged an industrial visit on 13<sup>th</sup> August 2022 for the students of third year (B section). They had a visit to the TVS Training Services and Limited company nearby our college. Industrial visit is an opportunity for the students to gain firsthand knowledge on the functioning of the industries and to get the feel of an industrial setup. Also, it is a chance to interact with the experienced people and observe the practical applications of what is theoretically learnt. The students were exposed to many industries in electrical core this year.



22.



**PIC: INDUSTRIAL VISIT photograph with Ilyr C section**

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) arranged an industrial visit on 20<sup>th</sup> August 2022 for the students of third year (C section). They had a visit to the TVS Training Services and Limited company nearby our college. Industrial visit is an opportunity for the students to gain firsthand knowledge on the functioning of the industries and to get the feel of an industrial setup. Also, it is a chance to interact with the experienced people and observe the practical applications of what is theoretically learnt. The students were exposed to many industries in electrical core this year.

23.



**PIC: INDUSTRIAL VISIT photograph with Ilyr C section**

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) arranged an industrial visit on 27<sup>th</sup> August 2022 for the students of second year (C section). They had a visit to the Aavin milk factory company nearby our college. Industrial visit is an opportunity for the students to gain firsthand knowledge on the functioning of the industries and to get the feel of an industrial setup. Also, it is a chance to interact with the experienced people and observe the practical applications of what is theoretically learnt. The students were exposed to many industries in electrical core this year.

24.



**PIC: INDUSTRIAL VISIT photograph with II YR A section**

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) arranged an industrial visit on 27<sup>th</sup> August 2022 for the students of second year (A section). They had a visit to the Aavin milk factory company nearby our college. Industrial visit is an opportunity for the students to gain firsthand knowledge on the functioning of the industries and to get the feel of an industrial setup. Also, it is a chance to interact with the experienced people and observe the practical applications of what is theoretically learnt. The students were exposed to many industries in electrical core this year.

25.



**PIC: INDUSTRIAL VISIT photograph with Ilyr B section**

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) arranged an industrial visit on 27<sup>th</sup> August 2022 for the students of second year (B section). They had a visit to the Aavin milk factory company nearby our college. Industrial visit is an opportunity for the students to gain firsthand knowledge on the functioning of the industries and to get the feel of an industrial setup. Also, it is a chance to interact with the experienced people and observe the practical applications of what is theoretically learnt. The students were exposed to many industries in electrical core this year.



26.

**PIC: GUEST LECTURE poster**

St. Joseph's college of engineering, department of Electricals and Electronics engineering organized a guest lecture for our II-year students on the topic "Recent Challenges and opportunities in Wind power Generation" on 29-08-2022 between 12.20 P.M to 1.40 P.M. at Library AV Hall.

27.

IEEE CANADIAN JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING

## Performance Enhancement of Grid Integrated Photovoltaic System Using Luo Converter Amélioration de performance du système photovoltaïque intégré au réseau à l'aide du convertisseur Luo

P. Anbarasan<sup>✉</sup>, M. Venmathi, M. Vijayaragavan, and V. Krishnakumar

**Abstract**—The main aim of this article is to implement a novel active power decoupling-based Luo converter for the weak grid system interfacing photovoltaic (PV) system. The modified Perturb and Observe (P&O) algorithm has been used for maximum power extraction from the PV source. The proposed system is capable of operating in the standalone mode and the grid-connected mode. The Luo converter is promising with the viewpoint of low inrush current, high voltage gain, small ripples along with high power density, high efficiency, and simple structure. Hence, the Luo converter has been used for maximum power extraction from the PV source, which is appropriate for both grid-tied and islanding modes of operation. The modified P&O algorithm has been used for maximum power extraction. The proposed MPPT technique reduces the drift problem, which occurs in the conventional MPPT methods by including the data of change in current ( $\Delta I$ ) in addition to the data used in the conventional P&O algorithm. This extraction has achieved by using a novel decoupling method, which, in turn, reduces the size of the filter. The converter along with the decoupling method also ensures reduced harmonics at the grid output. The operational principle and the stability analysis of the proposed converter have been analyzed in different modes of operation, such as grid-connected mode and standalone. The simulation has been carried out in MATLAB/Simulink environment. The implementation of the converter is carried out using a microcontroller-based prototype model to validate the performance. The efficiency of the proposed converter has been calculated to be 87.53% when operating under the grid-connected mode, whereas the efficiency is 92.46% when operating under the standalone mode.

**PIC: journal publication**

Our staff members Dr.P. Anbarasan, Dr.M. Venmathi, and Dr.V. Krishnakumar, published paper title on "Performance Enhancement of Grid Integrated Photovoltaic System Using Luo Converter" in IEEE Canadian Journal of Electrical and Computer Engineering, 2022, doi: 10.1109/ICJECE.2022.3178696.





31.



PIC: student with trophy

Our student SHRESHTH TARUN MUKUND who had Won cash price of Rs 40,000/- and SILVER medal in STATE LEVEL VOLLEYBALL TOURNAMENT- 2022 organized by MANSOOR VOLLEYBALL CLUB THITTACHERY AND NAGAPATTINAM DISTRICT VOLLEYBALL ASSOCIATION held at GHSS, THITTACHERY on 29.07.2022 – 31.07.2022.

32.

**St. JOSEPH'S COLLEGE OF ENGINEERING**  
(An Autonomous Institution)  
St. Joseph's Group of Institutions  
Jeppiaar Educational Trust  
OMR, Chennai - 119.

Counselling Code : 1317  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Organises  
**MEMES CONTEST**

Participants are required to submit a Meme based on any of the category given below.

- 01/08/2022 : Corona
- 02/08/2022 : Technology
- 03/08/2022 : Save Earth
- 04/08/2022 : Save Energy
- 05/08/2022 : Save Water

**To Upload**



**Rules**

- Please keep a good resolution in your submissions.
- We will judge the submissions especially by originality and overall humor.
- Meme Photo should be in .jpg or .jpeg format with file size not more than 5 MB.
- Save the meme with your full name  
<https://forms.gle/5wbp8jpWagekGhnRA>

Exclusively for Higher Secondary & Diploma Students  
E-Certificates will be provided to all the participants

**Chief Patron**  
**Dr. B. Babu Manoharan** M.A., M.B.A., Ph.D.  
Chairman, St. Joseph's Group of Institutions

**Patrons**

<b>Mrs. S. Jessie Priya</b> M.Com. Managing Director, St. Joseph's Group of Institutions	<b>Dr. C. Sreekumar</b> M.Sc., M.Tech., Ph.D. Dean Academics, St. Joseph's College of Engineering
<b>Mr. B. Shashi Sekar</b> M.Sc. Executive Director, St. Joseph's Group of Institutions	<b>Dr. A. Chandra Sekar</b> M.E., Ph.D. Dean Research, St. Joseph's College of Engineering
<b>Dr. Vaidi Seshagiri Rao</b> M.E., M.B.A., Ph.D. Principal, St. Joseph's College of Engineering	<b>Dr. V. Vallinayagam</b> M.Phil., Ph.D. Dean Students Affairs, St. Joseph's College of Engineering
<b>Dr. Jayarama Pradeep</b> M.E., Ph.D. Professor & Head - Staff Affairs	<b>Mr. R. Elanthirayan</b> M.Tech., Ph.D. Assistant Professor

**Convenors**  
**Dr. T.V. Narmadha** M.E., Ph.D.  
Professor & Head - Lab Affairs

\*For Admissions: visit [www.stjosephs.ac.in](http://www.stjosephs.ac.in) / [www.stjosephstechnology.ac.in](http://www.stjosephstechnology.ac.in)  
or contact: +91 92401 04880 / +91 92401 04882.

Our department of electrical and electronics engineering in association with the social Awareness club conducted a five-day online memes contest exclusively for higher secondary and diploma students. The participants submitted a meme based on the topics given by the coordinators. There were around 70 participants from various schools, the memes submitted had both humor and a moral. It was an online submission event. The first day was based on the topic corona, followed by technology, save earth, save energy, and save water. The winner was awarded with a merit certificate.

*PIC: School event poster*

33.

## FDP FOR THE MONTH OF AUGUST 2022

**DR.V.KRISHNA KUMAR**

Participated in the International Faculty Development Program on “Futuristic Research in Mechanical Engineering” organized by Department of Mechanical Engineering, SRM Institute of Science and Technology, Ramapuram Campus, Chennai from 08th August to 13th August 2022.

**DR.P.ANBARASAN**

Participated in the International Faculty Development Program on “Futuristic Research in Mechanical Engineering” organized by Department of Mechanical Engineering, SRM Institute of Science and Technology, Ramapuram Campus, Chennai from 08th August to 13th August 2022.

**MR. C.VENKATESH KUMAR**

Participated in the International Faculty Development Program on “Futuristic Research in Mechanical Engineering” organized by Department of Mechanical Engineering, SRM Institute of Science and Technology, Ramapuram Campus, Chennai from 08th August to 13th August 2022.

Participated in the Faculty Development Program on “Emerging technologies in renewable energy for sustainable environment” organized by Department of EEE, RVS college of Engineering and Technology in association with University Teknologi MARA(UiTM) held from 23rd August to 27th August 2022.

**Ms.R.G. NIRMALA**

participated in the International Faculty Development Program on “Futuristic Research in Mechanical Engineering” organized by Department of Mechanical Engineering, SRM Institute of Science and Technology, Ramapuram Campus, Chennai from 08th August to 13th August 2022.

**Mr. ARAVINDHAN K.**

		<p>participated in the International Faculty Development Program on “EMERGING TECHNOLOGIES IN RENEWABLE TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT” organized, by department of electrical and electronics engineering, RVS COLLEGE Chennai from 23 to 27 august 2022.</p> <p>Dr. CHIDAMBARARAJ N</p> <p>participated in the International Faculty Development Program on “EMERGING TECHNOLOGIES IN RENEWABLE TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT” organized, by department of electrical and electronics engineering, Chennai from 23 to 27 august 2022.</p>
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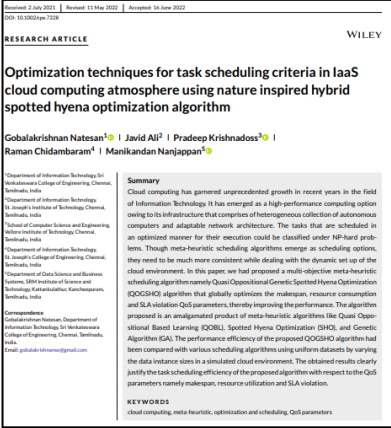
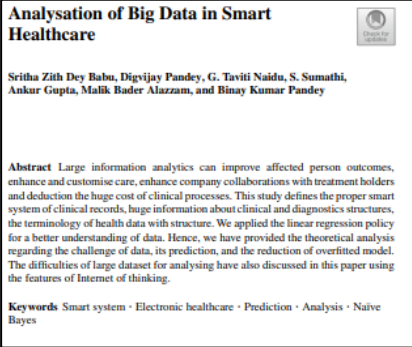
## DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING


Sl. No.	Title	Detail					
1	<b>Webinar/ FDP Attended By Faculty</b>	S.No	Faculty Name	Date	Webinar /Fdp attended/ workshop	Conducting agency	No. of days
		1.	Senthil Kumar B	03.08.2022	FDP-Innovation Ambassador tarinning Foundation Level  <a href="https://drive.google.com/file/d/1aY63iuKQA5GH8fHjU1LXo_pzDS_ua25VZ/view?usp=sharing">https://drive.google.com/file/d/1aY63iuKQA5GH8fHjU1LXo_pzDS_ua25VZ/view?usp=sharing</a>	AICTE & Institutions Innovation Council	05
		2.	Sankaran D	08/08/2022 to 18/08/2022	TWO WEEKS ONLINE INTERNATIONAL FDP ON COMPUTER VISION AND NATURAL LANGUAGE PROCESSING  <a href="https://drive.google.com/file/d/1">https://drive.google.com/file/d/1</a>	Department of Information Technology, Easwari Engineering College, Chennai	11



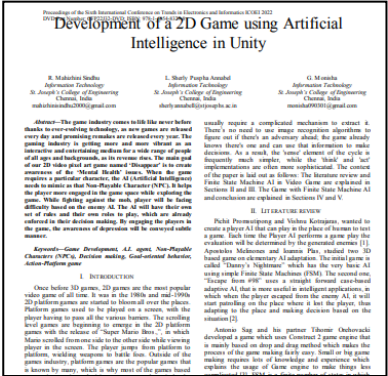

					<a href="https://www.google.com/search?q=BfluKYPrAkZZwgs8uHJAs5UtgS--2J9F/view?usp=sharing">BfluKYPrAkZZwgs8uHJAs5UtgS--2J9F/view?usp=sharing</a>		
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# DEPARTMENT OF INFORMATION TECHNOLOGY

Sl. No.	Photographs Captured During Event	Corresponding remarks in regarding the status of activity execution
1	 <p style="text-align: center;">Co-author Dr. C. J. Raman published paper in <b>Annexure I (Impact Factor: 1.831)</b></p>	<p>N. Gobalakrishnan, L. Javid Ali, K. Pradeep, <b>C. J. Raman</b>, N. Manikandan, “Optimization Techniques for Task Scheduling Criteria in IaaS Cloud Computing Atmosphere using Nature Inspired Hybrid Spotted Hyena Optimization Algorithm”, <i>Concurrency and Computation Practice and Experience</i>, Publisher: Wiley, E ISSN:1532-0634, <a href="https://doi.org/10.1002/cpe.7228">https://doi.org/10.1002/cpe.7228</a>, July 2022. (<b>Impact Factor: 1.831, SCI Extended, Annexure-I</b>).</p> <p><b>Abstract:</b> Cloud computing has garnered unprecedented growth in recent years in the field of Information Technology. It has emerged as a high-performance computing option owing to its infrastructure that comprises of heterogeneous collection of autonomous computers and adaptable network architecture. The tasks that are scheduled in an optimized manner for their execution could be classified under NP-hard problems. Though meta-heuristic scheduling algorithms emerge as scheduling options, they need to be much more consistent while dealing with the dynamic set up of the cloud environment. In this paper, we had proposed a multi-objective meta-heuristic scheduling algorithm namely Quasi Oppositional Genetic Spotted Hyena Optimization (QOGSHO) algorithm that globally optimizes the makespan, resource consumption and SLA violation QoS parameters, thereby improving the performance. The algorithm proposed is an amalgamated product of meta-heuristic algorithms like Quasi Oppositional Based Learning (QOBL), Spotted Hyena Optimization (SHO), and Genetic Algorithm (GA). The performance efficiency of the proposed QOGSHO algorithm had been compared with various scheduling algorithms using uniform datasets by varying the data instance sizes in a simulated cloud environment. The obtained results clearly justify the task scheduling efficiency of the proposed algorithm with respect to the QoS parameters namely makespan, resource utilization and SLA violation.</p>
2	 <p style="text-align: center;">Co-author <b>Dr. S. Sumathi</b> published Lecture Notes in Computational Vision and Biomechanics</p>	<p>S. Z. D. Babu, D. Pandey, G. Taviti Naidu, <b>S. Sumathi</b>, A. Gupta, M. B. Alazzam and B. K. Pandey “Analysation of Big Data in Smart Healthcare”, <i>Artificial Intelligence on Medical Data, Lecture Notes in Computational Vision and Biomechanics</i>, Publisher: Springer, Online ISBN: 978-981-19-0151-5, Print ISBN: 978-981-19-0150-8, Vol. 37, pp. 243–251, <a href="https://doi.org/10.1007/978-981-19-0151-5_21">https://doi.org/10.1007/978-981-19-0151-5_21</a>, pp 243–251, July 2022.</p> <p><b>Abstract:</b> Large information analytics can improve affected person outcomes, enhance and customise care, enhance company collaborations with treatment holders and deduction the huge cost of clinical processes. This study defines the proper smart system of clinical records, huge information about clinical and diagnostics structures, the terminology of health data with structure. We applied the linear regression policy for a better understanding of data. Hence, we have provided the theoretical analysis regarding the challenge of data, its prediction, and the reduction of overfitted model. The difficulties of large dataset for analysing have also discussed in this paper using the features of Internet of thinking.</p>


Sl. No.	Photographs Captured During Event	Corresponding remarks in regarding the status of activity execution
3	<div data-bbox="268 289 659 643" style="border: 1px solid black; padding: 5px;"> <p><b>A Database Application of Monitoring COVID-19 in India</b></p>  <p>Vishali Pathania, Sritha Zith Dey Babu, Shahanawaj Ahamad, P. Thilakavathy, Ankur Gupta, Malik Bader Alazzam, and Digvijay Pandey</p> <p><b>Abstract</b> A quick user-friendly application of any pandemic situation can reduce the huge value of mortality with producing the graph of cases. Simple database application can make sense to the people about the pandemic and transmissions. This research aimed to develop a simple application which shows the real-time cases of COVID-19 and analyzes different states condition of India and a proper graphical prediction of cases. This application notifies people to get alert about the transmission and precautions to get rid of this pandemic. This application also helps clinical doctors, ministry and decision makers to improve the gap of any unfilled section. We have used the platform of APEX Oracle to develop this application and analyzed the dataset. The accuracy of the data is 78% rather than any other existing techniques. Combining the application and advance techniques, this study can create a vital framework for the prediction of any pandemics.</p> <p><b>Keywords</b> Oracle · Database application · COVID-19 · Apex · SQL.</p> </div> <p>Co-author <b>Ms. P. Thilakavathy</b> published Lecture Notes in Computational Vision and Biomechanics</p>	<p>V. Pathania, S. Z. D. Babu, S. Ahamad, <b>P. Thilakavathy</b>, A. Gupta, M. B. Alazzam and D. Pandey, “A Database Application of Monitoring COVID-19 in India”, In Artificial Intelligence on Medical Data, Lecture Notes in Computational Vision and Biomechanics, Publisher: Springer, Online ISBN: 978-981-19-0151-5, Print ISBN: 978-981-19-0150-8, Vol. 37, <a href="https://doi.org/10.1007/978-981-19-0151-5_23">https://doi.org/10.1007/978-981-19-0151-5_23</a> pp. 267-274, July 2023.</p> <p><b>Abstract:</b> A quick user-friendly application of any pandemic situation can reduce the huge value of mortality with producing the graph of cases. Simple database application can make sense to the people about the pandemic and transmissions. This research aimed to develop a simple application which shows the real-time cases of COVID-19 and analyzes different states condition of India and a proper graphical prediction of cases. This application notifies people to get alert about the transmission and precautions to get rid of this pandemic. This application also helps clinical doctors, ministry and decision makers to improve the gap of any unfilled section. We have used the platform of APEX Oracle to develop this application and analyzed the dataset. The accuracy of the data is 78% rather than any other existing techniques. Combining the application and advance techniques, this study can create a vital framework for the prediction of any pandemics.</p>
4	<div data-bbox="268 821 659 1230" style="border: 1px solid black; padding: 5px;"> <p>IEEE International Conference on IoT and Blockchain Technologies 09-08, May, 2022</p> <p><b>QEnergy and SARSAEnergy Learning for Energy efficient Routing in Wireless Sensor Networks</b></p> <div style="display: flex; justify-content: space-between;"> <div data-bbox="302 922 428 980" style="font-size: small;"> <p>Anslam Sibi S Assistant Professor Department of Information Technology St. Joseph's Institute of Technology Chennai, Tamilnadu E-mail: <a href="mailto:anslam.sibis@gmail.com">anslam.sibis@gmail.com</a></p> </div> <div data-bbox="491 922 638 980" style="font-size: small;"> <p>Sherly Puspha Annabel L. Professor Department of Computer Science and Engineering St. Joseph's College of Engineering Chennai, Tamilnadu. E-mail: <a href="mailto:sherypusphal@gmail.com">sherypusphal@gmail.com</a></p> </div> </div> <p><b>Abstract</b>—Wireless sensor network nodes will be located at varying distances in the network, and the data travel between each node requires the shortest path to transmit data. In data transmission, when a particular node is active for a long time, it will lead to energy depletion and the node will remain active based on residual energy. Reinforcement learning with the Markov model assigns rewards for the best path taken to transmit data between nodes. The nodes are located randomly with the Erdos-Renyi random graph model, which is a stochastic graph. The energy consumption depends on the amount of data transmitted and how long the particular node is active. The proposed Q<sub>Energy</sub>-Learning and SARSA<sub>Energy</sub> algorithms can be used to calculate energy consumption in the wireless sensor network with rewards. The proposed work efficiency is evaluated by taking into account various WSN infrastructure and calculating energy consumption. The agent learns its environment and transmits data packets, and its performance is compared to that of various algorithms in different network infrastructures.</p> <p><b>Keywords</b>— Wireless Sensor Network, Erdos-Renyi random graph, Q<sub>Energy</sub>-Learning and SARSA<sub>Energy</sub> algorithm</p> </div> <p><b>L. Sherly Puspha Annabel</b> published a paper in International Conference on IoT and Blockchain Technology</p>	<p>S. Anslam Sibi and <b>L. Sherly Puspha Annabel</b>, "QEnergy and SARSAEnergy Learning for Energy efficient Routing in Wireless Sensor Networks," 2022 International Conference on IoT and Blockchain Technology (ICIBT), Publisher: IEEE, E ISBN:978-1-6654-2416-5, Print ISBN:978-1-6654-2417-2, pp. 1-5, doi: 10.1109/ICIBT52874.2022.9807754. June 2022. <b>(Indexed in Scopus)</b></p> <p>Wireless sensor network nodes will be located at varying distances in the network, and the data travel between each node requires the shortest path to transmit data. In data transmission, when a particular node is active for a long time, it will lead to energy depletion and the node will remain active based on residual energy. Reinforcement learning with the Markov model assigns rewards for the best path taken to transmit data between nodes. The nodes are located randomly with the Erdos-Renyi random graph model, which is a stochastic graph. The energy consumption depends on the amount of data transmitted and how long the particular node is active. The proposed QEnergy-Learning and SARSAEnergy algorithms can be used to calculate energy consumption in the wireless sensor network with rewards. The proposed work efficiency is evaluated by taking into account various WSN infrastructure and calculating energy consumption. The agent learns its environment and transmits data packets, and its performance is compared to that of various algorithms in different network infrastructures.</p>



Sl. No.	Photographs Captured During Event	Corresponding remarks in regarding the status of activity execution
5	 <p style="text-align: center;"><b>R. Mahizhini Sindhu, L. Sherly Puspha Annabel, G. Monisha</b> published a paper in International Conference on Trends in Electronics and Informatics</p>	<p style="text-align: center;"><b>(Staff and Student Publication)</b></p> <p><b>R. Mahizhini Sindhu, L. Sherly Puspha Annabel, G. Monisha</b>, "Development of a 2D Game using Artificial Intelligence in Unity," 2022 6th International Conference on Trends in Electronics and Informatics (ICOEI), Publisher: IEEE, E ISBN:978-1-6654-8328-5, Print ISBN:978-1-6654-8329-2, pp. 1031-1037, doi: 10.1109/ICOEI53556.2022.9776750, May 2022. <b>(Indexed in Scopus)</b></p> <p><b>Abstract:</b> The game industry comes to life like never before thanks to ever-evolving technology, as new games are released every day and promising remakes are released every year. The gaming industry is getting more and more vibrant as an interactive and entertaining medium for a wide range of people of all ages and backgrounds, as its revenue rises. The main goal of our 2D video pixel art game named ‘Disappear’ is to create awareness of the ‘Mental Health’ issues. When the game requires a particular character, the Artificial Intelligence needs to mimic as that Non-Playable Character. It helps the player more engaged in the game space while exploring the game. While fighting against the mob, player will be facing difficulty based on the enemy AI. The AI will have their own set of rules and their own roles to play, which are already enforced in their decision making. By engaging the players in the game, the awareness of depression will be conveyed subtle manner.</p>
6	 <p style="text-align: center;"><b>Patent published by Dr. S. Sumathi</b></p>	<p style="text-align: center;"><b>Patent Published</b></p> <p><b>Title of the invention: Name of Inventors :</b> Artificial Intelligence Based Drug Discovery Technique to Analyze the Impact of Existing Drugs for Brain Tumours and Paving Way for New Efficacious Drug</p> <p><b>Name of Inventors :</b></p> <ol style="list-style-type: none"> <li>1. Dr. Inamul Hasan Madar</li> <li>2. Dr. P. Thirumalai Vasan</li> <li>3. Dr. Sweety Lanjhiyana</li> <li>4. Dr. S. K. Lanjhiyana</li> <li>5. Dr. K. Himabindu</li> <li>6. Dr. Ananta Charan Ojha</li> <li>7. <b>Dr. S. Sumathi</b></li> <li>8. V. Kandasamy</li> </ol> <p><b>Patent Number:</b> 202241042626  <b>Filing Date:</b> 26/07/2022  <b>Publication Date:</b> 12/08/2022</p>


Sl. No.	Photographs Captured During Event	Corresponding remarks in regarding the status of activity execution										
7	 <p style="text-align: center;">Patent published by <b>Dr. D. Logeshwari</b></p>	<p style="text-align: center;"><b><u>Patent Published</u></b></p> <p><b>Title of the invention: Name of Inventors :</b> Design System of Sensor-Driven AI-based Agriculture Recommendation Model for Land Suitability of Planting</p> <p><b>Name of Inventors :</b></p> <ol style="list-style-type: none"> <li>1. Dr. B. Chellaprabha</li> <li>2. <b>Dr. Logeshwari Dhavamani</b></li> <li>3. Dr. L. Ramesh</li> <li>4. Dr. D. Jebakumar Immanuel</li> <li>5. Mr. V. Ramalingam</li> <li>6. Mr. A. Wasim Raja</li> <li>7. Ms. N. Ganitha Aarthi</li> <li>8. Ms. V. Vaishnavee</li> </ol> <p><b>Patent Number:</b> 202241023964  <b>Filing Date:</b> 22/04/2022  <b>Publication Date:</b> 06/05/2022</p>										
8	 <p style="text-align: center;">FDP Certificate</p>	<p style="text-align: center;"><b>Seminar/ FDP Attended by Faculty</b></p> <table border="1" data-bbox="724 938 1982 1162"> <thead> <tr> <th>S.No</th> <th>Title of the topic</th> <th>Name of the Staff</th> <th>Conducted By</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Two weeks online international FDP on Recent Trends in Computer Vision and Natural Language Processing</td> <td>Dr. S. Sumathi</td> <td>Easwari Engineering College, Chennai</td> <td>8-8-2022 to 18-8-2022 (2 weeks)</td> </tr> </tbody> </table>	S.No	Title of the topic	Name of the Staff	Conducted By	Date	1.	Two weeks online international FDP on Recent Trends in Computer Vision and Natural Language Processing	Dr. S. Sumathi	Easwari Engineering College, Chennai	8-8-2022 to 18-8-2022 (2 weeks)
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## DEPARTMENT OF MECHANICAL ENGINEERING

Sl No	Name of the Activity	Remarks
1	<p>FDP Attended:</p> 	<ul style="list-style-type: none"> <li>➤ Dr.N..E.Arunkumar attended International FDP on “Futuristic Research in mechanical Engineering” during 08<sup>th</sup> August 2022 to 13<sup>th</sup> August 2022 organised by SRM Institute of Science and technology.</li> <li>➤ Dr.R.Selvam attended International FDP on “Futuristic Research in mechanical Engineering” during 08<sup>th</sup> August 2022 to 13<sup>th</sup> August 2022 organised by SRM Institute of Science and technology.</li> <li>➤ Mr.P.PremKumar attended FDP on “Advance Research in Friction Welding and its Engineering applications” organised by Rajalakshmi Engineering College. During 25<sup>th</sup> Aug to 27<sup>th</sup> Aug 2022.</li> <li>➤ Dr.M.Arun attended FDP on “Advance Research in Friction Welding and its Engineering applications” organised by Rajalakshmi Engineering College. During 25<sup>th</sup> Aug to 27<sup>th</sup> Aug 2022.</li> <li>➤ Dr.M.Arun attended International FDP on “Futuristic Research in mechanical Engineering” during 08<sup>th</sup> August 2022 to 13<sup>th</sup> August 2022 organised by SRM Institute of Science and technology</li> <li>➤ Mr,P.Manoj Kumar attended International FDP on “Futuristic Research in mechanical Engineering” during 08<sup>th</sup> August 2022 to 13<sup>th</sup> August 2022 organised by SRM Institute of Science and technology</li> </ul>
2	Conference Attended	<ul style="list-style-type: none"> <li>➤ <i>Mr,J.Vijayanand</i> presented a paper titled <i>Elimination of Casting Defects by Minimization of clay and Moisture Content in Moulding sand</i> at International Conference on Recent Advances in mechanical Engineering Held during(25<sup>th</sup> to 27<sup>th</sup> August 2022 at Indian Institute of technology,Jodhpur.</li> </ul>



## DEPARTMENT OF MATHEMATICS AND ENGLISH

Events	Remarks																																												
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 8%;">S.No</th> <th style="width: 20%;">Name of the Staff</th> <th style="width: 30%;">Program Title</th> <th style="width: 12%;">National/ International</th> <th style="width: 18%;">Organized by</th> <th style="width: 12%;">Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">Dr.V.Vallinayagam</td> <td rowspan="3" style="text-align: center;">One Week International Faculty Development Programme on Innovative Mathematical Techniques in Research</td> <td rowspan="3" style="text-align: center;">International</td> <td rowspan="3" style="text-align: center;">Sathyabama Institute of Science And Technology Chennai</td> <td rowspan="3" style="text-align: center;">5 days 01-08-2022 to 06-08-2022</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">Dr.K.Sasikala</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">Dr.P.Agilan</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">Dr.U.Venkateswara</td> <td rowspan="3" style="text-align: center;">One-Week International FDP On TESOL and ELT</td> <td rowspan="3" style="text-align: center;">International</td> <td rowspan="3" style="text-align: center;">Sathyabama Institute of Science And Technology Chennai</td> <td rowspan="3" style="text-align: center;">5 days 08-08-2022 to 12-08-2022</td> </tr> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">Dr.K.Abinaya</td> </tr> <tr> <td style="text-align: center;">6</td> <td style="text-align: center;">Ms.A.Sathiya Jothi</td> </tr> <tr> <td style="text-align: center;">7</td> <td style="text-align: center;">Dr.K.Sasikala</td> <td rowspan="4" style="text-align: center;">5 Weeks Faculty Development Program on LINEAR ALGEBRA</td> <td rowspan="4" style="text-align: center;">National</td> <td rowspan="4" style="text-align: center;">Sardar Patel Institute of Technology</td> <td rowspan="4" style="text-align: center;">5 Weeks 25-07-2022 to 26-08-2022</td> </tr> <tr> <td style="text-align: center;">8</td> <td style="text-align: center;">Ms.B.Shoba</td> </tr> <tr> <td style="text-align: center;">9</td> <td style="text-align: center;">Dr.N.Jose Parvin Praveena</td> </tr> <tr> <td style="text-align: center;">10</td> <td style="text-align: center;">Ms.D.Arivukkodi</td> </tr> <tr> <td style="text-align: center;">11</td> <td style="text-align: center;">Mr.V.Sabarethinam</td> <td style="text-align: center;">Eight-Day Faculty Development Programme on Research, Publication and Patent in Humanities and Sciences</td> <td style="text-align: center;">National</td> <td style="text-align: center;">SRM Institute of Science and Technology, Ramapuram</td> <td style="text-align: center;">8 days 22-08-2022 to 30-08-2022</td> </tr> </tbody> </table>	S.No	Name of the Staff	Program Title	National/ International	Organized by	Date	1	Dr.V.Vallinayagam	One Week International Faculty Development Programme on Innovative Mathematical Techniques in Research	International	Sathyabama Institute of Science And Technology Chennai	5 days 01-08-2022 to 06-08-2022	2	Dr.K.Sasikala	3	Dr.P.Agilan	4	Dr.U.Venkateswara	One-Week International FDP On TESOL and ELT	International	Sathyabama Institute of Science And Technology Chennai	5 days 08-08-2022 to 12-08-2022	5	Dr.K.Abinaya	6	Ms.A.Sathiya Jothi	7	Dr.K.Sasikala	5 Weeks Faculty Development Program on LINEAR ALGEBRA	National	Sardar Patel Institute of Technology	5 Weeks 25-07-2022 to 26-08-2022	8	Ms.B.Shoba	9	Dr.N.Jose Parvin Praveena	10	Ms.D.Arivukkodi	11	Mr.V.Sabarethinam	Eight-Day Faculty Development Programme on Research, Publication and Patent in Humanities and Sciences	National	SRM Institute of Science and Technology, Ramapuram	8 days 22-08-2022 to 30-08-2022
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## DEPARTMENT OF MBA

### GUEST LECTURE:



Mr. Bhaskar  
CEO, Gokul Auto Tech Limited

Department of MBA Organised a Guest Lecture on “ Opportunities and Role of an MBA in Industry on 20-08-2022, Guest for the day is Mr. Bhaskar-CEO, Gokul Auto Tech Limited, around 140 students attended this session. Students were eagerly interacted with the guest and clarified their doubts.

### INDUSTRIAL VISIT- I:



Industrial Visit to DIAMOND  
ENGINEERING, Mambakkam,  
Chennai

On 24th August 2022, the students of MBA Integrated 2<sup>nd</sup> and 5<sup>th</sup> year went on an Industrial Visit to “DIAMOND ENGINEERING” which is the production of Steel located at Mambakkam, Chennai. The visit consists of 55 students along with the faculty members Dr. S.P Karuppaiah and Dr. R. Sundari. The students and the staff left the college premises around 9.30 am and reached the first Emerald Engineering by 10:20 AM.

The students raised various queries relating to the various aspects of steel production and the facilitators clarified all the queries effectively. The student spent their quality time exploring the production related activities of Diamond Engineering. Finally, the students reached the college premises around 4:00 pm in the afternoon.

The students felt the session enlightening and interesting as it is closely related to the course in the production and supply chain field. The students thanked the department for the knowledgeable session.

## INDUSTRIAL VISIT- II:



Industrial Visit to MODERN BAKERS” Parle G biscuit production unit at Madhavaram, Chennai

On 17<sup>th</sup> August 2022, MBA INTEGRATED 3<sup>rd</sup> and 4<sup>th</sup> Year students visited “MODERN BAKERS” Parle G biscuit production unit at Madhavaram, Chennai for an industrial visit. The visit consisted of 55 students along with the faculty members of Dr. M. Manikandan and Dr. Angelin S. Kiruba. The students and the staff left the college premises around 9.30 am and reached the destination by 11.45 am.

The industrial visit has commenced with a multimedia presentation about Parle G’s history, Parle G products, and the biscuit and toffee production process. The students visited the factory accompanied by the facilitators who explained the entire production process to the students. The students had the opportunity to explore and understand the production process of biscuits, starting from incoming raw materials, making the dough from raw material, making process, cooling, segregation, and packing of the final product. The students understood the importance of fire safety, hygiene, and quality control by visiting the plant. The students raised various queries relating to the various aspects and the facilitators clarified all the issues effectively. The student spent their quality time exploring the production and packaging and related activities of Parle G. Finally, the students reached the college premises around 3.20pm in the afternoon. The students felt the session enlightening and interesting as it is closely related to the course in the marketing and supply chain field. The students thanked the department for the knowledgeable session.



## NGO VISITS:



III & IV Year INT MBA NGO Visit to New Asiya Jothi Children Home on 06.08.2022



2<sup>nd</sup> & 5<sup>th</sup> INT MBA NGO Visit to St. Joseph's Home for Children on 13.08.2022

56 Students of III<sup>rd</sup> and IV<sup>th</sup> Year Integrated MBA, on 6<sup>th</sup> August 2022, visited New Asiya Jothi Children Home situated at Red hills, Chennai along with faculties Dr.M.Manikandan and Ms. A. Jebakerupa Roslin. There were 35 inmates in the home. Provisional needs and fruits for the inmates were provided by the MBA students. The students voluntarily served the college sponsored lunch to the inmates with vegetarian and non-vegetarian dishes. This visit was an encouragement for the students towards social responsibility and enriches the life of the inmates.

64 Students of II and V year Integrated MBA Students visited St. Joseph's Home for Children on 13th August 2022. Students voluntarily purchased and distributed some essential provisional items for the 45 inmates of orphanage. Students felt that they had a great time in interacting with inmates. The students voluntarily served the college sponsored lunch to the inmates with vegetarian and non-vegetarian dishes.

**FACULTY PUBLICATION(Only Published)**

Dr.Jayasree Krishnan, “Sustainability and Emotional Intelligence in Family Owned Business” published in Journal of the Oriental Institute, ISSN: 0030-5324; Vol.71, Issue. 02, No.18; April-June 2022. (UGC Care Group – I)

Dr.Jayasree Krishnan, “A Study on Working Conditions and Emotional Intelligence of women street vendors” published in Shodha Prabha, ISSN: 0974 - 8946; Vol.47, Issue. 01, No.12; 2022. (UGC Care Group – I)

Dr.Jayasree Krishnan, “Competency mapping as a Tool for Innovation” published in Journal of the Oriental Institute, ISSN: 0030-5324; Vol.71, Issue. 02, No.18; April-June 2022. (UGC Care Group – I)

**WORKSHOP/FDP/STP/CONFERENCE / SEMINAR ATTENDED BY FACULTY:**



Dr.Jayasree Krishnan successfully completed 7 day Design Thinking Course organised by Turnip Innovations from 07.08.2022 to 13.08.2022.



Dr.Jayasree Krishnan successfully completed 2 Week Entrepreneurship Course organised by Turnip Innovations from 18.07.2022 to 31.07.2022.



Dr.K.Sampath attended a Virtual FDP on “Exploring Dynamics of National Education Policy 2020 with reference to NAAC Perspectives” organised by IQAC - Sant Hirdaram Girls College and Research Foundation of India from 10.08.2022 to 18.08.2022.

**FACULTY AS RESOURCE PERSONS:**

Dr.U.Madhanrajan handled one whole day session on “Confirmatory Factor

Analysis and Structural Equation Modeling using IBM AMOS” at ICSSR - SRC Sponsored National Level Online One week Workshop on “Research Methodology – A Toolkit for the Innovators” on 29.08.2022.


Dr.S.Ajit and Mr.P.Surenthran David acted as Resource Persons for All India Workshop on “Lean Manufacturing to Minimize Waste in Production Systems” on 12 & 13th August, 2022 organised by The Institution of Engineers (India) in Association with Department of Mechanical Engineering, St.Joseph’s Institute of Technology, Chennai.

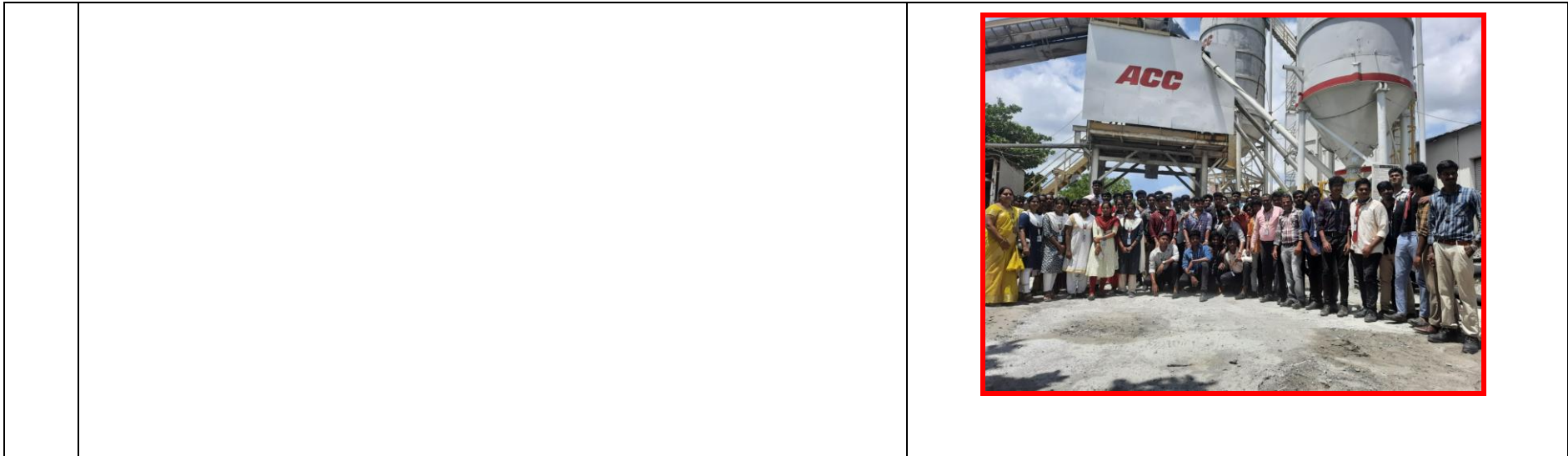


## DEPARTMENT OF SCIENCE

Sl. No.	Events	Remarks
1	<b>FDP/Workshop/Conference</b>	<p>1. Dr. K. Sathesh Kumar attended 6 days International FDP on “Futuristic Research in Mechanical Engineering” conducted by “SRM Institute of Science and Technology, Ramapuram” from 08.08.22 to 13.08.22.</p> <p>2. Dr. S. Kiruba , Dr. N. Punitha, Dr. P. Saravanan, Dr. N.R. Rajagopalan, Dr. S. M. Prakash attended International webinar on “Innovations In Materials Processing; Importance Of Ceramic Shell Moulds For Investment Casting Of Gas Turbines Components” conducted by “Bharat Institute Of Engg Tech, Indian Ceramic Society &amp; Centre For Research In Education Hyderabad” on 20.08.22.</p> <p>3. Dr. P. Krishnan attended International workshop on “Thermoelectric Materials and Applications” conducted by “SSN Institutions, Kalavakkam” from 24.08.22 to 25.08.22.</p> <p>4. Dr. N. Punitha completed a certification program on “Quantum Physics” conducted by “Udemy” on 21.8.22.</p> <p>5. Dr. A. Uma Devi completed a certification program on “Master Native English For Beginners” conducted by “Udemy” on 29.8.22.</p>
2	<b>Other activities(if any)</b>	<p>Department of Science conducted the following online events for school students:</p> <ol style="list-style-type: none"> <li>1) Pixels – 11.8.22</li> <li>2) Adsapp – 13.8.22</li> <li>3) Lawyers up – 18.8.22</li> <li>4) Mind puppet – 20.8.22</li> <li>5) Mystifier – 22.8.22</li> <li>6) Master minds – 24.8.22</li> <li>7) Smartinicus – 26.8.22</li> <li>8) Essay writing – 29.8.22</li> </ol>

## DEPARTMENT OF CIVIL ENGINEERING

Sl. No.	Photographs Captured During Events (Briefs About the Photographs)	Corresponding remarks (Minimum 300 words) in regarding the status of activity execution stating
1.	<p><b>Industrial Visits, In plant trainings, Internships</b></p>	<p><b>Industrial Visits</b></p> <ul style="list-style-type: none"> <li>• Third Year students visited RMC plant of ACC cements on 17<sup>th</sup> August 2022 at <b>Senneer Kuppam, Poonamallee</b>. Staff members accompanied are Mr.S.P.Senthil Kumar and Ms.Padmapriya</li> </ul>  <ul style="list-style-type: none"> <li>• Second Year students visited RMC plant of ACC cements on 22<sup>nd</sup> August 2022 at <b>Thirumudivakkam</b>. Staff members accompanied are Dr.Vijai and Ms.Ruthra</li> </ul>



**Guest Lecture / Webinar Organized**

2.

- A guest lecture on **Practical applications & scope of structural engineering in various industries** was held at AV HALL LIBRARY of St.Joseph's on 27<sup>th</sup> August, 2022 (Saturday) from 8:30 am to 10:00 am. The guest was **Mr.D.Surendar M.E, Deputy Manager Design UG, CMRL, Chennai**. Totally 56 second year students of Civil Engineering have participated. The guest enlightened the students on structural engineering positions available and requirements. The program was coordinated by Ms. R.Adlin Rose.




- A guest lecture on **Construction practices in RCC** was held at AV HALL LIBRARY of



*St. Joseph's* on 18th August, 2022 (Thursday) from 11:00 am to 12:30 pm IST. The guest was **Mr.M.Velmurugan., M.I.E., M.Tech., C.Eng (Ind), (PhD IITM.Structures), Senior Structural Consultant & Chartered Engineer, ECON Structural consultancy, Chennai.** . Totally 35 third year students of Civil Engineering have participated. The guest enlightened the students on RCC thumb rules in planning, analysis and design. The program was coordinated by Ms. R.Adlin Rose.








- A guest lecture on **Soil nailing techniques to optimize retaining walls in hilly region** was held at *AV HALL LIBRARY of St. Joseph's* on 18th August, 2022 (Thursday) from 11:30 am to 1:00 pm . The guest was **Er.A.Karthikeyan M.E, Proprietor, Structural & Geotechnical Consultant, Karthikeyan Associates, Chennai.** Totally 54 final year students of Civil Engineering have participated. The guest enlightened the students on soil nailing at Kodaikanal. The

		<p>program was coordinated by Ms. R.Adlin Rose.</p> 
3.	<ul style="list-style-type: none"> <li>FDP/Workshop/Conference attended</li> </ul>	<ul style="list-style-type: none"> <li>Dr.S.Thenmozhi, Dr.V.Gowri, Ms.S.Banupriya &amp; Ms.R.Ruthra have attended an FDP titled Futuristic Research in Mechanical Engineering-Material Testing organized by SRM Institute of Science and Technology, Ramapuram Campus during 08 th August to 13 th August 2022.</li> <li>Dr.S.Thenmozhi, Dr.V.Gowri, Ms.S.Banupriya &amp; Ms.R.Ruthra have attended one workshop titled Hydro-Geological Engineering organized by J.N.N. College of Engineering, Shivamogga during 22nd to 26th August 2022.</li> <li>Mr.S.Thangaperumal have attended an one week National Level Faculty Development Programme titled “Futuristic Research Scope in Civil Engineering” organized by CK College of Engineering and Technology, Cuddalore during 23rd August to 27th August 2022.</li> </ul>
4.	<p><b>Publications (only published) details</b></p>	<ul style="list-style-type: none"> <li>Dr.K.Vijai has published a paper titled “Behaviour of Fly ash and GGBS based Monoblock Prestressed Geopolymer Concrete Composite sleepers” in Materials Today Proceedings Vol 65, No 8, pp3321-3327, August 2022 (<b>Web of Science Indexed</b>)</li> </ul>


# DEPARTMENT OF CHEMICAL ENGINEERING

Description about the various activities undertaken and its corresponding remarks.

S.No.	Title of the Events and Photographs	Details of the Event
1.	<p style="text-align: center;"><b>COLLABARATIVE QUALITY INITIATIVES WITH OTHER INSTITUTIONS</b></p> <p style="text-align: center;"><b>INDUSTRIAL VISIT</b></p> 	-
1.		<p>❖ The department of Chemical Engineering has organized a one-day visit to Modern Bakers for III<sup>rd</sup> year students (50+2) on 19<sup>th</sup> August</p>
2.	<p style="text-align: center;"><b>FDP/WORKSHOP/CONFERENCE</b></p>  	<ul style="list-style-type: none"> <li>- FDP on “Futuristic Research in Mechanical Engineering” conducted by SRM Institute of Science and Technology on 13<sup>th</sup> August.</li> <li>- Total Number of Staffs attended - 06</li> </ul>

		
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## DEPARTMENT OF BIOTECHNOLOGY

S.No.	Title of the Events and Photographs	Details of the Event
3.	<p style="text-align: center;"><b>INDUSTRIAL VISIT</b></p>  <p>IV – Third year biotech students</p>	<p>Third year students from Biotechnology department, St. Josephs College of Engineering had visited the modern (madras) bakers, as part of their Industrial Visit. The Industrial Visit was scheduled on 18<sup>th</sup> of August, 2022.</p> <p>Second year students from Biotechnology department, St. Josephs College of Engineering had visited the modern (madras) bakers, as part of their Industrial Visit. The Industrial Visit was scheduled on 26<sup>th</sup> of August, 2022.</p>





II – Third year biotech students

4.

**FDP/WORKSHOP/CONFERENCE**

Dr. G. Baskar, Participated in online one Week Online **FDP on "Outcome Based Education"**, organized by CK College of Engineering and Technology, Cuddalore, Tamil Nadu during from 24<sup>th</sup> August to 30<sup>st</sup> August 2022.

Dr. M. Chamundeeswari attended a National Level Online Faculty Development Program on "Current Trends and Innovations in Biological Sciences", organised by Department of Allied Health Sciences, Chettinad Academy of Research and Education , Chennai on 24<sup>th</sup> July 2022.




CAVINKARE PATRONIZED INSTITUTIONS

DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION ENGINEERING

*Certificate of Participation*

This is to certify that Dr. / Mr. / Ms. / Mrs. / Prof. Baskar Gurunathan, Professor  
of St. Joseph's College of Engineering, Chennai has  
participated in one week online Faculty Development Program on "Outcome Based  
Education" Organized by the Department of Electronics and Communication Engineering,  
CK College of Engineering and Technology, Cuddalore, Tamilnadu, India. from 24<sup>th</sup> August to  
30<sup>th</sup> August 2022.

  
Dr. D. Sengeni  
Convener

  
Dr. M. Arulalan  
Professor & HOD

  
Dr. S. Saravanan  
Principal - CKCET

  
Ms. Amudhavalli Ranganathan  
Executive Director - CK Group of Institutions

Certificate ID: JHFB2C-CE000093



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Dr. G. Baskar Copy of certificate



### CERTIFICATE OF APPRECIATION

This is to certify that **Dr. M. Chamundeeswari** Associate Professor, Department of Biotechnology, St. Josephs College of Engineering has delivered an Invited Talk in **Two Weeks National Level Online Faculty Development Program on "Current Trends and Innovations in Biological Sciences"** organized by Faculty of Allied Health Sciences in association with Chettinad Institution's Innovation Council, Chettinad Academy of Research and Education, Kelambakkam, Tamil Nadu, India from 22<sup>nd</sup> August 2022 to 7<sup>th</sup> September 2022.

Dr. S. Weslen Vedakumari  
Convener  
Assistant Professor,  
FAHS, CARE

Dr. G. S. Hikku  
Convener  
Assistant Professor,  
FAHS, CARE

Dr. K. Kumar Ebenezar  
Principal (j/c),  
FAHS, CHRI

Dr. R. Arun Kumar  
IGAC-Director

Dr. Shantha Ravisankar  
Vice Chancellor,  
CARE



Dr.M .Chamundeeswari- Copy of certificate

#### 5. COMPETITIONS ATTENDED BY STUDENTS

- - Intramural Sports - Event Chess - Singles men category runner up won by Mr. Udhaya Kumar from Third year Biotech.
- Intramural Sports - Event Chess - Singles women category runner up won by Ms. Keerthana.S.M from Third year Biotech.
- Intramural Sports - Event Badminton - Singles women category runner up won by Ms. Shivadharshini .M from Third year Biotech.
- Intramural Sports - Event Table Tennis - Singles women category runner up won by Ms. Yuvassri.R from Third year Biotech.



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

St. Joseph's Group of Institutions  
Jeppiaar Educational Trust  
OMR, Chennai - 119.



Department of Physical Education

**Sports Circular**

Management, Staff and Students are happy to congratulate  
III Year Branches WON the following PLACES in the INTRAMURAL  
SPORTS organized on 11<sup>th</sup> Aug 2022.

**III-Year: Intramural Sports Results**

GAME	CATEGORY	PLACE	BRANCH
Ball Badminton	Men	Runners Up	CIVIL, Bio-Tech & ICE
		Winners	ECE
	Women	Runners Up	EEE
		Winners	IT
Basketball	Men	Runners Up	EEE
		Winners	MECH
	Women	Runners Up	EEE
		Winners	CSE
Volleyball	Men	Runners Up	IT
		Winners	CSE
Throw Ball	Women	Runners Up	CSE
		Winners	EEE
Kabaddi	Men	Runners Up	EEE
		Winners	IT
Football	Men	Runners Up	CSE
		Winners	MECH
Chess (Singles)	Men	Runner Up	UDAYA KUMAR.B - Bio-Tech
		Winner	GENISH PRAKASH J-CSE
	Women	Runner Up	KEERTHANA S.M Bio-Tech
		Winner	SNEHA R CSE
Badminton (Singles)	Men	Runner Up	JADON SAMUVELL-IT
		Winner	VINAYAK.R-CSE-C
	Women	Runner Up	SHIVA DHARSHINI.M - Bio-Tech -A
		Winner	ANUSHRUTHIKA, E -CSE-A
Table Tennis (Singles)	Men	Runner Up	NAGULRAJ.T-CSE
		Winner	SANJAY SELVAN -EEE
	Women	Runner Up	YUVASSRI.R -Bio-Tech
		Winner	SHEVANIE SHUPREEYA.P -CSE

**Congratulations!**

12.08.2022

CHAIRMAN

Copy to: All Notice Boards, and Email to all

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*III Year Intramural Sports Winners list*