



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.




FEBRUARY 2023

DEPARTMENT OF BIOTECHNOLOGY

S.No.	Title of the Events and Photographs	Details of the Event																																																																											
	<p>COMPETITIONS ATTENDED BY STUDENTS</p>  <p>CONGRATULATIONS College Day Celebrations - III year (2022-23)</p> <p>The Management, Principal and Faculty members are happy to congratulate the following Teams for winning the "Best Performance with Cash award" in College Day Events, held on 25th Feb 2023.</p> <table border="1" data-bbox="325 849 762 1317"> <thead> <tr> <th>S. No.</th> <th>Dept</th> <th>Team Name</th> <th>Name of the Students</th> <th>Prize Amount</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>ECE</td> <td>Natya Lahari</td> <td>Sai Priyadarshini, J. Elackani, U. K. Archana, P.V. Kiruthika, K.P. Shruthika, V. Yazhini, M. S</td> <td>Rs. 3000/-</td> </tr> <tr> <td>2.</td> <td>ECE</td> <td>Bang Gang</td> <td>Prasanth, S. Prasanna Kumar, K. Vignesh, R. Vasanth M, Kishore Parthi, K. S., Kausik, V. Srikanth, P. Mukesh, M</td> <td>Rs. 3000/-</td> </tr> <tr> <td>3.</td> <td>ICE & EIE</td> <td>Passion Dance</td> <td>Manoj Kumar, T. Aravazhi, T.A. Bharadwaj, S. Gunasekar, T. Jenix Anockkaraaj, J. Praveen, M. Dilon, B. Sharon Rosane</td> <td>Rs. 3000/-</td> </tr> <tr> <td>4.</td> <td>EEE</td> <td>Indian Army (Black Squad)</td> <td>Ashik Remon, C. Sanjeev, A. Dhruvish, K. Alwyn Samuel, M. Harsharan, N. Abdul Basith, M. Harry Jatin, S. Dinakaran, S. Farazam Ahmed, Y. Buvavarampu Naveen, Bharathraj, M</td> <td>Rs. 3000/-</td> </tr> <tr> <td>5.</td> <td>EEE</td> <td>V(Classical)</td> <td>Aruna Devi, S. Haritha Mohandas</td> <td>Rs. 3000/-</td> </tr> <tr> <td>6.</td> <td>IT</td> <td>Blitzdaws</td> <td>Anockiya Infanta Sheryl, B. Gayathri, V. Harshitha, T. Janane, J. M. Samvarthini, V. Sheryl Joanna, S. Suruthi, M. Sweetha, T. R. Tharan Kumar, G. D. Varshini, S</td> <td>Rs. 3000/-</td> </tr> <tr> <td>7.</td> <td>IT</td> <td>90's kids</td> <td>Dharani, D. Jagadheesan, D. Achuth Mahesh, Srinath, R. Sai Sharvesh, R. Subhagiri, P</td> <td>Rs. 3000/-</td> </tr> <tr> <td>8.</td> <td>CSE</td> <td>Saranga Darjya</td> <td>Shevanie Shupreya, P. Vishali, A. Yuvashree, S. 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Radhi Shankari, G</td> <td>Rs. 3000/-</td> </tr> <tr> <td colspan="5" style="text-align: center;">Special Prize</td> </tr> <tr> <td>13.</td> <td>BIOTECH</td> <td>Ghost Govaha</td> <td>Sivaranjani, C. Ashwarya, K. Hemavarshini, K. Yuvashree, K. Dhurshini, G. Shivadarshini, M. Gunajayani, G. Sujitha, E. Teja Rholline, S. A</td> <td>Rs. 5000/-</td> </tr> </tbody> </table> <p style="text-align: right;">Chairman</p>	S. No.	Dept	Team Name	Name of the Students	Prize Amount	1.	ECE	Natya Lahari	Sai Priyadarshini, J. Elackani, U. K. Archana, P.V. Kiruthika, K.P. Shruthika, V. Yazhini, M. S	Rs. 3000/-	2.	ECE	Bang Gang	Prasanth, S. Prasanna Kumar, K. Vignesh, R. Vasanth M, Kishore Parthi, K. S., Kausik, V. Srikanth, P. Mukesh, M	Rs. 3000/-	3.	ICE & EIE	Passion Dance	Manoj Kumar, T. Aravazhi, T.A. Bharadwaj, S. Gunasekar, T. Jenix Anockkaraaj, J. Praveen, M. Dilon, B. Sharon Rosane	Rs. 3000/-	4.	EEE	Indian Army (Black Squad)	Ashik Remon, C. Sanjeev, A. Dhruvish, K. Alwyn Samuel, M. Harsharan, N. Abdul Basith, M. Harry Jatin, S. Dinakaran, S. Farazam Ahmed, Y. Buvavarampu Naveen, Bharathraj, M	Rs. 3000/-	5.	EEE	V(Classical)	Aruna Devi, S. Haritha Mohandas	Rs. 3000/-	6.	IT	Blitzdaws	Anockiya Infanta Sheryl, B. Gayathri, V. Harshitha, T. Janane, J. M. Samvarthini, V. Sheryl Joanna, S. Suruthi, M. Sweetha, T. R. Tharan Kumar, G. D. Varshini, S	Rs. 3000/-	7.	IT	90's kids	Dharani, D. Jagadheesan, D. Achuth Mahesh, Srinath, R. Sai Sharvesh, R. Subhagiri, P	Rs. 3000/-	8.	CSE	Saranga Darjya	Shevanie Shupreya, P. Vishali, A. Yuvashree, S. Savari Rhea Charis, Ponsritharini, V. Saastri, V. N. Priyadarshini, S. Prashritha, S	Rs. 3000/-	9.	CSE	Dancing Divas	Gayathri, N. Anjana Kis, Ekharani Manne, Harne, M. Yazhini Devi, G. K. V	Rs. 3000/-	10.	MBA	Work Life	Vignesh, S. Kamalakannan, R. Vishnu Prasanth, R. Joel Peter, Dinesh, M. Gowtham Kumar, A.S, Rakesh Vasun, P. K. Haavith, B. Pradnan, R	Rs. 3000/-	11.	MECH	Broken Boyz	Abhishek Ananth, P. Anic Ruance, R. Ruban, V. Harsharan, P. 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	<p>PUBLICATIONS(ONLY PUBLISHED) DETAILS</p>	<ul style="list-style-type: none"> Dr. G. Baskar published a paper on, Identification of novel inhibitor against Human Phosphoethanolamine Cytidylyl transferase from phytochemicals of Citrus sinensis peel extract by in vitro and in silico approach, Biotechnology 																																																																											

	<p>Received: 22 August 2022 Accepted: 11 February 2023 DOI: 10.1002/bab.2453</p> <p>ORIGINAL ARTICLE</p> <p>Identification of novel inhibitor against human phosphoethanolamine cytidyltransferase from phytochemicals of <i>Citrus sinensis</i> peel extract by in vitro and in silico approach</p> <p>Priscilla Pushparani Victor¹ Radhakrishnan Narayanaswamy² Seifedine Kadry^{3,4,5} Baskar Gurunathan^{3,6}</p> <p>¹Department of Biotechnology, St. Peter's College of Engineering and Technology, Chennai, India ²Department of Biochemistry, Saveetha Medical College and Hospital, SIMATS, Chennai, India ³Department of Applied Data Science, Noroff University College, Kristiansand, Norway ⁴Artificial Intelligence Research Center (AIRC), Ajman University, Ajman, United Arab Emirates</p> <p>Abstract Kidney stone is a major global menace that demands research on nonsurgical treatment involving biological compounds for the benefit of the patients. Among the biological extracts, citric acid is traditionally used to dissolve kidney stones. The current research focuses on evaluating the in vitro anti-urolithiatic activity and in silico study of ethanolic extract of <i>Citrus sinensis</i> (ECS) peel against c: phosphoethanolamine cytidyltransferase (PCYT). The diuretic activity was evaluated using in vitro model against the synthesized calcium oxalate monohydrate and cytotoxicity study in Madin-Darby canine kidney cell lines. The</p>	<p>and Applied Biochemistry. (2023) DOI:10.1002/bab.2453 (IF-2.724).</p>
	<p>STAFF CONFERENCE PRESENTATION</p>	<ol style="list-style-type: none"> 1. Dr. G. Baskar attended the 'Data available on request: exploring a challenge in research data sharing' webinar on 16 February 2023. 2. Ms. Yuwvaranni New Application Filed, Application Number-202341011517, Application Ref Number-202341011517, Filing Date-20/02/2023 -Indian Patent Office 3. Ms.Yuwvaranni.S has guided the students for their project titled Nano Biotechnology - A fasinating Supertool in Innovation Challenge - 2K23 held on 27th Febuarry at Aarupadai Veedu Institute of Technology



SPRINGER NATURE


Certificate of Attendance

This is to acknowledge that

Baskar Gurunathan

Has attended the 'Data available on request:
exploring a challenge in research data
sharing' webinar on 16 February 2023

Organized by Springer Nature

Springer Nature 

Tamper Proof

Dr. G. Baskar certifiicate copy

FORM 1 THE PATENTS ACT 1970 (39 of 1970) & The Patents rules, 2003 APPLICATION FOR GRANT OF PATENT [See section 7, 54 & 135 and rule 20 (1)]		(FOR OFFICE USE ONLY) Application No: Filing Date: Amount of Fee Paid: CBR No: Signature:			
I. APPLICANT'S REFERENCE / IDENTIFICATION NO. (AS ALLOTTED BY OFFICE)					
2. TYPE OF APPLICATION [Please tick (✓) at the appropriate category]					
Ordinary (✓)		Convention ()		PCT-NP ()	
Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()
3. (3A) APPLICANT					
Name		Nationality	Country of Residence	Address	
Ms. Yuwvaranni S		Indian	India	Assistant Professor, St. Joseph's College of Engineering, Department of Biotechnology, OMR, Chennai. Pin: 600119 District: Kanchipuram State: Tamilnadu Country: India	

Ms. Yuwvaranni patent filing certiifcate copy



VINAYAKA MISSION'S
RESEARCH FOUNDATION
Deemed to be University under section 3 of the UGC Act 1956



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A Grade by AACSB



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

Institution's Innovation Council

Innovation Challenge - 2k23



Certificate of Appreciation

This is to certify that Mr./Ms./Dr. YUWVARANNI.S ST. JOSEPH'S COLLEGE
OF ENGINEERING
has guided the students for their project titled NAND-BIOTECHNOLOGY-A FASCINATING
SURFTOOL on the Innovation Challenge - 2K23 held on

February 27th, 2023 at Aarupadai Veedu Institute of Technology.

Dr. L. Chitra
IIC Vice President & HoD, EEE

Dr. Prabhu
IIC President & VP Admin

Dr. G. Selvakumar
Principal, AVIT

Ms. Yuwvaranni certifiicate copy

DEPARTMENT OF CHEMICAL ENGINEERING

Title of the Events and Photographs	Details of the Event
INDUSTRIAL VISIT	-IIIrd Year Chemical students (47 students) have visited Crimson Organic Pvt Ltd., Cuddalore. on 07.02.2023
GUEST LECTURE	- 22.02.2023 - Guest Lecture Resource person: Mr. Manoj Kumar HSE - Manager, SGS India Pvt Ltd.
STAFF CONFERENCE PRESENTATION	- Dr. Senthil Rathi, Assistant Professor along with students has presented 7 papers in 7th International Conference On Recent Advancements in Chemical, Environmental and Energy Engineering (RACEEE-2023) On 16 & 17th FEBRUARY 2023
PATENT	- Dr. Vinod Kumar.S, Patent on “ <i>VLSI LAYOUT USING REDUNDANT NODES TO INCREASE THE RELIABILITY</i> ” has been Publish on 24.02.2023 (The Patent Office Journal No. 08/2023 Dated 24/02/2023)


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Sl. No.	Event with Photo	Description
1	A one Day Event on “Designathon”	
	 <p>The poster for 'Designathon' is on the left, featuring logos of St. Joseph's College of Engineering, NBR, AWES, and NIR. It states the event is organized by the Eye on Designs Club for 2nd years students. The registration link is https://forms.gle/dDBYNs0Bj1u3.k6. The date is 17/02/2023, from 10 am to 1 pm, at the Placement Block (Basil Hall). The poster lists Chief Patrons, Patrons, and Convenors.</p> <p>The photo on the right shows a large hall with many students sitting at red tables, working on laptops during the competition.</p>	<p>Date : 17.02.2023 Venue : Basil Hall Nature of Event : Web Design Competition Participants : Engineering II year Students (CSE & ADS) Organized by : Eye on Designs Club</p> <p>Objective:</p> <ul style="list-style-type: none"> To get exposure on Web Designing (HTML, CSS, Bootstrap, Javascript) <p>Outcome:</p> <ul style="list-style-type: none"> Gained knowledge about the fundamentals of web development. Developed a fully functioning personal blog. Created visualizations in accordance with UI/UX theories.

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Sl. No.	Title	Detail					
1.	Workshop/STTP Organised	S.No.	Faculty Name	Workshop/STTP Organised	Topic	Date	Link
		1.	Dr.V.Vijayan Dr.B.Senthil Kumar	Guest Lecture	Recent Trends, Issues and Challenges in Instrumentation Technology	11-02-2023	https://drive.google.com/file/d/1D2LDyOKo7FrbHiWbi6cu48a_eL_SSrxk/view?usp=share_link
		2.	Dr.V.Vijayan Mr.D.Sankaran	Seminar	Introduction to AR/VR	13-02-2023	https://drive.google.com/file/d/1Lmze7jUOg_Idt5p4TAKacuxMi1Kac3h0/view?usp=share_link
		3.	Dr.S.Meena Mr.D.Sankaran	One day Workshop	Robot Design Made Easy	14-2-2023	https://drive.google.com/file/d/1YE5vIXT8laDdAK_rOinKHhDICjjaPd1Q/view?usp=share_link
		4	Dr.S.Meena Mr.D.Sankaran	Mini Project Expo	Modelling and Simulation tool	17-02-2023	https://drive.google.com/file/d/1kC2rRz4YryopiyD5R_LMZp5eUIqbXFYI/view?usp=share_link
		5	Dr.V.Vijayan Dr.B.Senthil Kumar	Mini Project Expo	Application using Arduino	21-02-2023	https://drive.google.com/file/d/11hGdoxLAJdJpFVcdxDb-HppYp1-bHnms/view?usp=share_link


DEPARTMENT OF MATHEMATICS

Events	Remarks						
	S.No	Name of the staff	Title of FDP	Organized by	Mode	From	To
	1	Mr.S.Manikanda prabhu	Application of Statistics in Engineering and Data Science	Rajalakshmi Engineering College, Chennai	Physical	2023-01-05	2023-01-05
	2	Dr. Arul Perum Jothi					
	3	Dr.K.Abinaya	One week Online National FDP on Indian Knowledge Systems	Council for Teacher Education Foundation, Delhi	Online	2023-01-02	2023-01-08
	4	Ms.S.Sarayu Priyadharshini					
	5	Dr.U.Venkateswara					
	6	Mr.S.M.Balaji	Advanced trends in mathematical modelling	Easwari engineering college, Chennai	Online	2023-01-09	2023-01-13
	7	Ms.B.Shoba					
	8	Dr.K.Sasikala					
	9	Mr.Chellamani					
Publications(only published) details	<ol style="list-style-type: none"> P. Agilan , Mohammed M. A. Almazah , K. Julietraja and Ammar Alsinai. Classical and Fixed Point Approach to the Stability Analysis of a Bilateral Symmetric Additive Functional Equation in Fuzzy and Random Normed Spaces. Mathematics , January 2023, Volume 11, No. 3, pp: 1-19, https://doi.org/10.3390/math11030681 , SCIE T. Kalyani,K. Sasikala,D. G. Thomas, K. Bhuvaneshwari, Adjunct Partial Array Token Petri Net Structure, Lecture notes in computer science, January 2023,Vol 13348, https://doi.org/10.1007/978-3-031-23612-9_12, SCOPUS 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. 						

January 2023, Vol 20, No. 1, Pp:68-76, <https://doi.org/10.54216/IJNS.200106>, SCOPUS

4. Gunasekar Tharmalingam, Kathavarayan Ponnusamy, Murugan Govindhan, **Julietraja Konsalraj**, On Certain Degree Based and Bond Additive Molecular Descriptors of Hexabenzocorene, Biointerface Research in Applied Chemistry, January 2023, Vol 13, No.5, pp.1-14, 2603020013, Pp:1-4, <https://doi.org/10.33263/BRIAC135.495>, SCOPUS, WOS
5. Saikumari N, Krishnamoorthy P, **Sudhakar K S**. Advanced Features of the Developed Digital Library to Supplement Conventional Information Access: A Perceptive View, International Journal of Information Studies, January 2023, Vol 15, No. 1, Pp:1-19, <https://doi.org/10.6025/ijis/2023/15/1/14-20> , SCOPUS
6. R. Balapriya, A. Thiripuram, **S. Annadurai**, G. Arul Freeda Vinodhini. Mathematical Techniques and applications of linear differential equation, International journal of computer mathematics, January 2023, Vol 2023, No. 100, Pp:1-14, <https://doi.org/10.1080/00207160.2022.2164491> , SCIE

DEPARTMENT OF MECHANICAL ENGINEERING


SI No	Name of the Activity	Remarks
1	<p>Book chapter Published:</p>  <p>Chapter</p> <p>An intuitive and structured detection system for facial mask using YOLO and VGG-19 to limit COVID-19</p> <p><i>By M. Diviya, N. Hemapriya, B.S. Charulatha, M. Subramanian</i></p> <p>Book Recent Advances in Material, Manufacturing, and Machine Learning</p> <p>Edition 1st Edition</p> <p>First Published 2023</p> <p>Imprint CRC Press</p> <p>Pages 8</p> <p>eBook ISBN 9781003358596</p>	<p>➤ Mr..M.Subramanian published a paper on “An intuitive and structured detection system for facial mask using YOLO and VGG-19 to limit COVID-19” in International conference titled <i>Recent Advances in Material, Manufacturing and Machine Learning</i></p>


DEPARTMENT OF SCIENCE

Sl. No.	Events	Remarks
1	FDP/Workshop/Conference	<p><u>Chaired Session:</u> 1. Dr. S. Suresh has acted as Session Chariman for “International Conference on Advanced Technologies in Chemical, Construction and Mechanical Sciences (ICATCHCOME 2023)” conducted by “KPR Institute of Engineering and Technology, Coimbatore, Tamil Nadu” held between 9.02.23 and 10.02.23</p> <p><u>Participated</u> 1. Dr. G. Sasikumar has attended International Virtual conference on “Multidisciplinary aspects in chemistry (ICMAC-2023)” conducted by “Sri Ramakrishna College of Arts and Science, Coimbatore” held between 9.02.23 and 10.02.23 2. Dr. S. Suresh, Dr. V. Swarnalatha attended International webinar on “Breaking barriers in science” conducted by “Jagat Arts, Commerce and Science College, Goregaon” hled on 14.02.23. 3. Mr. S. Kaleel Mohamed Ibrahim, Dr. G. Murugan, Dr. V. Swarnalatha, Dr. P. Saravanan, Dr. A. Uma Devi, Dr. N.R. Rajagopalan, Ms. J. Sharmila, Ms. S. Savitha, Dr. B. Subash, Dr. S.M. Prakash, Dr. G. Sasikumar attended “Five Days International Virtual Seminar on Chemistry – 2023” conducted by “Sree Chandrababu Jain College, Minjur, Chennai” held from 18.02.23 to 24.02.23.</p>
2	Value added Courses/Courses other than VAC	1. Dr. K. Jayamoorthy completed Udeemy course on “Ethics of Research-A Basic Course” on 18.02.23.
3	Awards/Prize won by students / Staff	<p>Reviewers: Dr. K. Jayamoorthy has acted as reviewer for the following reputed journals.</p> <ol style="list-style-type: none"> 1. Journal of Biomolecular Structure & Dynamics– Feb 2023 2. Environmental Advances– Feb 2023 3. Current Organic Chemistry– Feb 2023 4. Brazilian Journal of Biology– Feb 2023
4	Publications(only published) details	1. Dr. K. Jayamoorthy, Dr. N.R. Rajagopalan, Dr. S.M.Prakash, Dr. B. Subash, Dr. G.

		Murugan published a paper titled “Catalytic synthesis and characterization of aryl benzimidazole and its interaction with TiO ₂ nanoparticles: ESIPT process” in the journal “Chemical Physics Impact”, 6 (2023) 100184, https://doi.org/10.1016/j.chphi.2023.100184

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.	Collaborative Quality initiatives with other institutions	●
2.	Industrial Visits, In plant trainings, Internships	<p>III year students (Batch:2020-2024) visited AH blocks manufacturing unit at Mangadu on 8th February 2023 to learn about the manufacturing of concrete blocks. Dr K.Vijai and Ms.Ruthra accompanied the students.</p>  <p>II year students (Batch: 2021-25) visited Casagrand Platinam project site at Padappai to learn about the construction process of Villa buildings on 16th February 2023.Dr .Gowri, Ms.Adlin Rose and Mr.S.P.Senthil Kumar accompanied the students.</p>

		
3.	<p>Guest Lecture / Webinar Organized</p>	<p>II Year A guest lecture on <i>INTRODUCTION TO PILE FOUNDATION</i> was held at AV HALL LIBRARY of St. Joseph's on 21st February, 2023 (Tuesday) from 10:00 am to 11:30 am. The guest was Mr. Vimalesh Vedachalam, CEO, Veda Pile Foundation, Mogappair, Chennai – 37. Totally 59 second year students of Civil Engineering have participated. The guest enlightened the students on pile basics and its relevance in current scenario. The program was coordinated by Ms. R.Adlin Rose.</p>



III YEAR

A guest lecture on *GREEN BUILDINGS CONCEPT AND OPPORTUNITIES* was held at AV HALL LIBRARY of St. Joseph's on 7th February, 2023 (Tuesday) from 10:00 am to 11:30 am IST. The guest was **Mr.G.Jayarajan, M.Tech.,M.B.A.,M.Sc (REV).,F.I.E., Superintending Engineer/Civil, Transmission, TANTRANSCO IP Chairman, IEi, TVLC, Vice President-II, TNEBEA, Joint Secretary, ECI, TNSC - Chennai.** Totally 35 third year students of Civil Engineering have participated. The guest enlightened the students on the importance of LEED based buildings and its importance in developing infrastructure. The program was coordinated by Ms. R.Adlin Rose.

		
4.	Other activities (if any)	<p>Mr.S.P.Senthil Kumar has completed 41.5 hours online course “Construction Methodology Basics in Civil Engineering” on Udeemy platform during February 2023.</p>

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. OPTICA Event:

Project Competition



Report

An Outreach program, "SCHOOL VISIT" exclusively for OPTICA members.


On February 16th, 2023, the Department of Electronics and Communication Engineering partnered with the SJCE-OPTICA Student Chapter to organize an exclusive outreach program called "SCHOOL VISIT" for SJCE-OPTICA members. Ten teams were selected from the previous project fest event to bring their projects to Vani Vidyalaya, a school located in K.K. Nagar, Chennai. Our enthusiastic second and third-year OPTICA members presented a total of sixteen outstanding working models to the school students. The visit began promptly at 10.30AM and was an excellent opportunity for our members to share their knowledge and inspire the next generation of innovators.

2. Publications:

The following staff members have published the research papers during February in Journal at International Level

S. No.	Name of the Author	Paper Title	Name of the Conference/Journal	Publication Details	Date of Publication
1.	Jasmine Mystica, K., Martin Leo Manickam, J.	Joint Power and Temperature Aware Routing for implant wireless body area networks	International Journal of Communication Systems	Sci Indexed	February 2023
2.	Ashok C	An Improved Polynomial Rooting-based Method for Solving Non-Trivial Ambiguity in Direction-Finding using an Unfolded Co-prime Linear Array	Signal, Image and Video Processing	Sci Indexed vol.17,pp, 219–226	February 2023

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S.No	Events	Remarks
1.	 <p data-bbox="527 873 747 893">PIC: IEEE EVENT PIC</p>	<p data-bbox="1035 334 2007 683">IEEE Women in Engineering under St Joseph's College of Engineering Student Branch Chapter organised WIE OFFICE BEARERS meet on January 06, 2023, at 1:40 pm. The event was conducted in Offline Mode. There were a total of 15 participants. The event was organised by Mr.Sreekanth. The notable participants were Ms. Jamuna U(Chairperson of IEEE WIE SJCE SB-2023 along with the affinity group members include Ms. Kaviya, Ms. Madhumalini, Ms. Adirai, Ms. Kanimozhi G, Ms.Harini, Ms. Madhumitha. Ms. Abinayaa Sri T(immediate past Chairperson of IEEE WIE SJCE SB) and Mr. Mohammed Aashik S (immediate past Chairperson of IEEE SJCE SB) also joined with us and shared their experiences. Through this meeting, We discussed the basic criteria about WIE and our plans and the betterment we could make inside our SB to meet out the vision and mission of IEEE WIE.</p>

2.



PIC: IEEE EVENT POSTER.

IEEE Robotics and Automation Society under St Joseph's College of Engineering Student Branch Chapter organised RAS OFFICE BEARERS meet on January 06, 2023, at 1:40 pm. The event was conducted in Offline Mode. There was a total of 15 participants. The event was organised by Mr. Sreekanth. The notable participants were Ms. Aparnaa G(Chairperson of IEEE RAS SJCE SB-2023 along with the society members include , Mr.Raskshit Roshan, Ms. Keerthana, Mr. Gokul Kumar, Mr. Nithin Joel, Mr. Balaji, Ms .Achaya, Ms. Sujitha, Ms. Abina S(immediate past Chairperson of IEEE RAS SJCE SB) also joined with us and shared their experiences. Through this meeting, We discussed the basic criteria about RAS and our plans and the betterment we could make inside our SB to meet out the vision and mission of IEEE RAS.

3.

The poster is for the IEEE Power Electronics Society 2023 Office Bearers Meet. It features the logos of St. Joseph's College of Engineering, IEEE, and the IEEE Power Electronics Society. The text includes the date and time of the event, the names of the Chief Patron and Patrons, and a QR code for more information.

St. JOSEPH'S COLLEGE OF ENGINEERING
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St. Joseph's Group of Institutions
OMR, Chennai - 119

ARHA, NPA, NIF, Cambridge, IEEE, St. Joseph's Group of Institutions, IEEE-INDIA, IAS

Department of Electrical and Electronics Engineering
in association with
IEEE POWER ELECTRONICS SOCIETY
Presents

2023' Office Bearers Meet

Date: 06.01.2023
Time: 6.00 to 8.00 pm

SCAN HERE FOR INFORMATION

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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. V. V. Vallinayagam Ph.D.
Dean/In-charge, St. Joseph's College of Engineering

Dr. A. Chandra Sekar M.E., Ph.D.
Dean/In-charge, St. Joseph's College of Engineering

Dr. C. Sreekanth M.Sc., M.Tech., Ph.D.
Dean/In-charge, St. Joseph's College of Engineering

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

Dr. Jayarama Pradeep M.E., Ph.D.
Professor & Head - Staff Affairs

Mr. R. Sreekanth M.A., Ph.D.
Assistant Professor

Student Coordinators
POOJASREE K | POORNAVIKASH T | NIVAS M | KUMMARAS SHRIRAJ D | SENTHAMIZHSELVAN S
VASANTHAKUMAR S | MICHAEL JESVIN F

Instagram: @ieeepels_sjce

*For Admissions: visit www.sjcepehs.ac.in/ / www.sjcepehsotechnology.ac.in or contact : 91 99401 04883 / 91 99401 04882

The IEEE Power Electronics Society of St. Joseph's College of Engineering conducted the 2023 PELS Office Bearers Meet on 6th Jan 2023, a virtual gathering. R. Elanchezhian, (the immediate past chairperson of PELS SJCE SB) and Divya Lakshmi G (the immediate past treasure of PELS SJCE SB) joined us in this event and shared their prior experiences with us. They provided the new office bearers with some fantastic advice. The gathering came to a close as everyone exchanged kind words and advice.

PIC: IEEE EVENT POSTER

4.

The poster is for the IEEE Industrial Automation Society 2023 Office Bearers Meet. It features the logos of St. Joseph's College of Engineering, IEEE, and the IEEE Industrial Automation Society. The text includes the date and time of the event, the names of the Chief Patron and Patrons, and a QR code for more information.

St. JOSEPH'S COLLEGE OF ENGINEERING
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St. Joseph's Group of Institutions
Jeppiaar Educational Trust
OMR, Chennai - 119.
Counselling Code :1317

ARHA, NPA, NIF, Cambridge, IEEE, St. Joseph's Group of Institutions, IEEE-INDIA, IAS

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
in association with
IEEE INDUSTRY APPLICATIONS SOCIETY
PRESENTS

IAS OFFICE BEARERS MEET-2023

13

1.45PM TO 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.E., M.B.A., Ph.D.
Principal, St. Joseph's College of Engineering

Dr. B. Parvathavarthini M.Sc., M.B.A., M.E., Ph.D.
Dean/In-charge, St. Joseph's College of Engineering

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

Dr. Jayarama Pradeep M.E., Ph.D.
Professor & Head - Staff Affairs

Mr. R. Sreekanth M.A., Ph.D.
Assistant Professor

Student Coordinators
IAS Team

*For Admissions: visit www.sjcepehs.ac.in/ / www.sjcepehsotechnology.ac.in or contact : 91 99401 04883 / 91 99401 04882

IEEE Industrial Automation Society under St Joseph's College of Engineering Student Branch Chapter organised IAS-OFFICE BEARERS meet on January 13, 2023, at 1:40 pm. The event was conducted in Offline Mode. There were a total of 8 participants. The event was organised by Mr.R.Sreekanth. The notable participants were Mr.S.Karthikeyan(Chairperson of IEEE IAS SJCE SB-2023 along with the group members include Mr.M.Shyam sundar, Ms.D.Kavipriya, Ms.S.Prasanna Gnanambiga, Ms. Vijayalakshmi, Mr.K.Sanjai, Mr.Kailash. Through this meeting, We discussed about the upcoming events and future developments in IAS through new ideas, and our plans to betterment we could make inside our SB to meet out the vision and mission of IEEE IAS.

PIC: IEEE EVENT POSTER

5.

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IEEE St. Joseph's College of Engineering
English Qualifications

மின் மற்றும் மின்னணு பொறியியல் துறை
உடன் இணைந்து
IEEE SJCE SB மாணவர் மன்றம்
பெருமையுடன் வழங்கும்
ஒருங்கிணைப்பாளர்கள் கலந்துரையாடல்

நிகழ்ச்சி தேதி: 06.01.2023
நேரம்: 1.40 to 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.
Principal, St. Joseph's College of Engineering

Dr. V. Vallinayagam M.Phil., Ph.D.
Dean (Students Affairs), St. Joseph's College of Engineering

Dr. A. Chandra Sekar M.E., Ph.D.
Dean (Research), St. Joseph's College of Engineering

Dr. G. Sreekumar M.Sc., M.Tech., Ph.D.
Dean (Student Activities), St. Joseph's College of Engineering

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

SBC Advisor
Dr. Jayarama Pradeep M.E., Ph.D.
Professor & Head - Staff Affairs

Staff Coordinator
Mr. R. Sreekanth M.E., Ph.D.
Assistant Professor

Student Coordinators
Mani Sha N | Jayasruthi R V | AkshayaKrishnen | Amirtha Varshini M | Godson S V Noble

*For Admissions: visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or contact: +91 99401 04881 / +91 99401 04882.

PIC: IEEE EVENT POSTER

The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering conducted a office bearer meet “ஒருங்கிணைப்பாளர்கள் கலந்துரையாடல்” related to the development of the tamil mandram development. The event held .on 6th January 2023 between 1:40 pm to 3:00pm about the. The student coordinators for this event are Mani Sha N , Akshaya Krishnan , Amirtha Varshini , Jaya Shruthi , Godson S V Noble.

6.

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

IEEE | Institute of Electrical and Electronics Engineers

மின் மற்றும் மின்னணு பொறியியல் துறை
உடன் இணைந்து
IEEE SJCE SB மாணவர் மற்றும்
பெருமையுடன் வழங்கும்
சொல்லடை
---சொல் விளையாட்டுப் போட்டி---

உங்கள் பதிவுகளை
சமர்ப்பிக்க...
<https://bit.ly/Gernsueem>

தேதி : 30/01/2023
நேரம் : 1:40 to 3:00 pm

-- பங்கேற்பாளர்கள் அனைவருக்கும் சான்றிதழ்கள் வழங்கப்படும் --

Chief Patron
Dr. B. Babu Manoharan M.A., M.B.A., Ph.D.
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Managing Director, St. Joseph's College of Institutions

Mr. B. Shashi Sekar M.Sc.
Executive Director, St. Joseph's Group of Institutions

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Dean (Student Affairs), St. Joseph's College of Engineering

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Dr. Jayarama Pradeep M.T., Ph.D.
Professor & Head, IITM

Staff Coordinator
Mr. R. Sreekanth M.T., Ph.D.
Assistant Professor

Student Coordinators
Deepika U | Jayavarshini M J | Abinaya Priya R A | Shiva D | Sunil Kumar M

PIC: IEEE EVENT POSTER

The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering conducted a riddle event 'சொல்லடை' related to Tamil Speech on 30th -January 2023 between 1:40 pm to 3:00 pm. Overall, 35 people registered through the registration form and 25 of them participated in the event and best three were given winners' certificates and the others were provided with participation certificates. The first place goes to Linda and Jamuna , second place goes to Sivakumar and Kathiravan , third place goes to Kaviya and Keerthana . The student coordinators for this event are Deepika U ,Jayavarshini M J , Abinaya Priya R A , Shiva D ,Sunil Kumar M.

7.

St. JOSEPH'S COLLEGE OF ENGINEERING
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IEEE
St. Joseph's College of Engineering
St. Joseph's Group of Institutions

IEEE Robotics and Automation Society
SJCCE Student Society Chapter

DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING
in association with
IEEE ROBOTICS AND AUTOMATION SOCIETY
presents

MEGAMIND

30 January 2023
6:00 P.M to 7:00 P.M

Open for all
2nd years

<https://forms.gle/60mEIVtBhCTlyhRDA>

E - Certificates will be provided

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Chairman, St. Joseph's Group of Institutions

Patrons
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Managing Director, St. Joseph's Group of Institutions
Mr. B. Shashi Sekar M.Sc.
Executive Director, St. Joseph's Group of Institutions

Convener
Dr. V.Vallinayagam M.Phil., Ph.D.
Dean Students Affairs, St. Joseph's College of Engineering
Dr. T.V. Narmadha M.L., Ph.D.
Professor & Head, LIB&IA

SBC Advisor
Dr. Jayarama Pradeep M.L., Ph.D.
Professor & Head, Staff Affairs

Staff Coordinator
Mr. R. Sreekanth M.L., Ph.D.
Assistant Professor

Student Coordinators
Aparnaa | Rakshit Roshan | Keerthana | Balaji | Gokul Kumar | Acharya | Sujitha

*For Admissions: visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or contact: +91 99401 04881 / +91 99401 04882

PIC: IEEE EVENT POSTER

Megamind 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 debating event Conducted for students to make them to know about world politics and a geopolitical view,conducted on on 27th January 2023. Over 20 students participated in it and are benefited. E-Certificates are distributed to the participants. Student Coordinators G.Aparnaa , S.Keerthana, R.Gokul Kumar,V.Rakshit Roshan, B.Santhosh ,T.Sujitha coordinated the event with Mr. R. Sreekanth, IEEE SB Counselor."

8.



PIC: IEEE EVENT POSTER

The IEEE Power Electronics Society of St Joseph's College of Engineering hosted the Frog-Tastic, a fun technical event in virtual mode. The event was conducted on 30.01.2023. In this event, participants are put their knowledge to the test, the event is about power electronics basic MCQ questions. The quiz as graphical image of a frog which show the answer by jumping on a leaf if it is correct or the frog down and the game will be over. This makes the event more entertain. E-certificate were given to the winners and participants.

9.

You Choose, We Do It!
St. JOSEPH'S COLLEGE OF ENGINEERING
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ABEA
NBA
nirf Cambridge
IEEE
IEEE POWER ELECTRONICS SOCIETY

Department of
Electrical and Electronics Engineering
in association with
IEEE POWER ELECTRONICS SOCIETY
Presents

Date: 28-01-2023
Timing: 140-300pm
Mode: Offline

HEAD'S UP?

Scan Here
FOR REGISTRATION

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

Mrs. S. Jessie Priya M.Sc.
Managing Director, St. Joseph's Group of Institutions

Mr. B. Shashi Sekar M.Sc.
Executive Director, St. Joseph's Group of Institutions

Dr. B. V. Vallinayagam M.Sc., M.A.
Dean (Academics), St. Joseph's College of Engineering

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

Dr. A. Chandra Sekar M.Sc., M.A.
Dean (Research), St. Joseph's College of Engineering

Dr. G. Sreekumar M.Sc., M.Tech., Ph.D.
Dean (Academics), St. Joseph's College of Engineering

Convener
Dr. T.V. Ramachandran M.Sc., M.A.
Professor & Head - Lab Affairs

SBC Advisor
Dr. Jayarama Pradeep M.A., M.A.
Professor & Head - Staff Affairs

Staff Coordinator
Mr. B. Sreekanth M.A., Ph.D.
Assistant Professor

Student Coordinators
POOJASREE K | POORNAVAKASH T | NIVAS M | KUMARAS SHRIJAI D | SENTHAMIZHSELVAN S

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INSTAGRAM
@ieeepees_sjce

*For Admissions: visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or contact: - 91 99401 04882 / 91 99401 04882.

PIC: IEEE EVENT POSTER

The IEEE Power Electronics Society of St Joseph's College of Engineering hosted the Heads up, a TECHNICAL EVENT. The event was conducted on 28.01.2023. In this event, participants were form a team consist of two members, the game has two roles the "Finder" and "Informer". The Finder role is to find the answer. The Informer role is to give clue about the device or components. Each team where called forward to perform the roles, based on the time limit the winners were selected. E-certificate were given to the winners and participants.

10.

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IEEE St. Joseph's College of Engineering
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மின் மற்றும் மின்னணு பொறியியல் துறை
உடன் இணைந்து
IEEE SJCE SB மாணவர் மன்றம்
பெருமையுடன் வழங்கும்

தொகை
--- ஒரு கவிதை எழுதும் போட்டி ---

உங்கள் கவிதைகளை சமர்ப்பிக்க...


<https://bit.ly/Totaikai>

தேதி : 28/01/2023
to
31/01/2023

-- பங்கேற்பாளர்கள் அனைவருக்கும் சான்றிதழ்கள் வழங்கப்படும் --

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

Convenor
Dr. V. Vallinayagam M.Phil., Ph.D.
Dean (Students Affairs), St. Joseph's College of Engineering
Dr. T.V. Narmadha M.E., Ph.D.
Professor & Head - CSE

SBC Advisor
Dr. Jayarama Pradeep M.E., Ph.D.
Professor & Head - CSE

Staff Coordinator
Dr. G. Sreekumar M.Sc., M.Tech., Ph.D.
Dean (Student Academics), St. Joseph's College of Engineering
Mr. R. Sreekanth M.E., (Ph.D.)
Assistant Professor

Student Coordinators
Deepika U | Jayavarshini M J | Abinaya Priya R A | Shiva D | Sunil Kumar M

*For Admissions: visit www.sjce.sjce.ac.in / www.sjce.sjce.ac.in or contact: +91 9940104881 / +91 9940104882.

PIC: IEEE EVENT POSTER

The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering conducted a kavithai event "தொகை" related to Tamil kavithai competition on 28 to 31 January 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 Aruthra, Aparnaa, Abinaya 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.

11.



PIC: IEEE EVENT POSTER

Circuitrix 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 an amazing quiz event conducted for students to make them know about electrical instruments on 25th January 2023. Over 15 students participated in it and are benefited. E-Certificates are distributed to the participants. Student coordinators G.Aparnaa, S.Keerthana, R.Gokul Kumar, V.Rakshit Roshan, B.Santhosh, T.Sujitha coordinated the event with Mr. R. Sreekanth, IEEE SB Counselor."

12.

St. JOSEPH'S COLLEGE OF ENGINEERING
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ARIIA **NBA** **MAAC** **nirf** **Cambridge**
English Qualifications

IEEE **WIE**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
IEEE Women in Engineering Affinity Group
presents

THE POWER OF 'SHE'
PANEL DISCUSSION | TOPIC - BE YOUR BOSS, BUILD YOUR PATH

Mr. Cecil Sunder
Director- Data & AI solutions and strategy

Ms. Sri S
CEO Entrepreneur & Investor Chargeback

Ms. Karen Oldhovan
Founder - Brand new Personality

Ms. Jacquelyn Clayborn
CEO at ONC National APVC Board Member

DATE- Januray 30th ,2023
TIME- 11:30 AM (IST)
REG LINK-<https://bit.ly/ThePowerofShe-reg>

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
Dr. Vaidil Sathyaajithi Rao M.A., M.B.A., Ph.D.
Principal, St. Joseph's College of Engineering
Mr. B. Shashi Sekar M.A.
Executive Director, St. Joseph's Group of Institutions

Dr. B.V. Vallinayagam M.A., Ph.D.
Vice-Chancellor, St. Joseph's College of Engineering
Dr. A. Chandra Sekar M.E., Ph.D.
Dean/Academics, St. Joseph's College of Engineering
Dr. C. Sreekumar M.B.A., M.F.A., Ph.D.
Dean/Academics, St. Joseph's College of Engineering

Convener
Dr. T.V. Narayanaswamy M.A., Ph.D.
Professor & Head, ISE, SJCE
Staff Advisor
Dr. Jayarama Pradeep M.A., Ph.D.
Professor & Head, ISE, SJCE
Staff Coordinator
Mr. B. Sreekanth M.A., Ph.D. | **Dr. M. Veeramathi** M.A., Ph.D.
Assistant Professor

Student Coordinators
Jamuna U. Harini N. | **Madhumitha S. Madhumitha S.** | **Madhumitha S. Madhumitha S.**

*For Admissions: visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or contact: +91 99401 04881 / +91 99401 04882

PIC: IEEE EVENT POSTER

IEEE Women In Engineering Affinity Group of St Joseph's College of Engineering along with the IEEE SB of SJCE organised an international Panel Discussion - "The Power of 'She'" on the topic "BE YOUR BOSS,BUILD YOUR PATH". Our First panellist, Ms.Jacquelyn Clayborn Founder/CEO at ONC National, a gentle and resilient speaker shared her past experiences and how she handled it. Our Second Panellist, Ms.Karen Oldhoven, such a brilliant, lovely, and brave individual founder of Personal Branding Agency, shared her personal experiences as well as the importance of women in society. Our third panellist, Ms.S.Srii,CEO, Entrepreneur & Investor joined and shared the importance of women entrepreneurship with us. Our fourth panellist, Mr. Cecil Sunder,Director- Data & AI solutions and Strategy (US Manufacturing)talked about the power of women, the most lovely portion of the discussion.

The event was moderated by Ms.Jamuna U, Chairperson of IEEE WIE SJCE SBC. The entire event was coordinated by the IEEE WIE SJCE SB Office Bearers , Chairperson -Ms.Jamuna U, Vice ChairPerson -Ms.Harini N, Secretary -Ms.Madhu Malini MK , Joint Secretary -Ms.Adirai , Treasurer-Ms.Kaviya P, Committee Member-1 -Ms.Kanimozhi G and Committee Member-2-Ms.Madhumitha S, along with Mr. R. Sreekanth, IEEE SB Counselor. E-Certificates were provided to all the participants. The panellists are honoured with E-Memento

13.



PIC: IEEE EVENT POSTER

IEEE Women In Engineering AG under St. Joseph's College of Engineering Student Branch Chapter organised "PHOTOHOLIC- A platform for Photo-freaks" for School Diploma and College students from January 26th to January 30th of 2023 .A Platform for Photo-freaks to get captured the moment with other people. The event was coordinated by Ms.Jamuna U, Ms Madhumalini MK, Ms Kaviya P, Ms.Kanimozhi G, Ms.Harini N. Around 50 students participated in this contest. Merit Certificates were provided to the Winners and E- Certificates were provided to all the participants .

14.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
IEEE Women in Engineering Affinity Group
presents
JAN-REL
An online quiz contest

MODE ONLINE

2023
January
26th to 30th

Theme: A Game with January
Registration link: <https://bit.ly/Jan-Rel>
Merit E-certificates will be provided to the winners.
Participation certificates will be provided to all the participants

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Dean/Academics, St. Joseph's College of Engineering

Convenor
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Professor & Head - Lab Affairs

SBC Advisor
Dr. Jayarama Pradeep M.A., Ph.D.
Professor & Head - Staff Affairs

Staff Coordinator
Mr. R. Sreekanth M.A., Ph.D.
Assistant Professor
Dr. M. Venmathi M.A., Ph.D.
Associate Professor

Student Coordinators
Jamuna U | Harini N | MadhuMalini MK | Adirai D | Kaviya P | Kanimozhi G | Madhumitha S

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PIC: IEEE EVENT POSTER

IEEE Women In Engineering AG under St. Joseph's College of Engineering Student Branch Chapter organised "JAN-REL- An Online quiz contest" for School, Diploma and College students from January 26th to January 30th of 2023. This event is in the form of a quiz related to the month of January. The event was coordinated by Ms.Jamuna U, Ms Madhumalini MK, Ms Kaviya P, Ms.Adrai, Ms.Madhumitha. Around 45 students participated in this contest. Merit Certificates were provided to the Winners and E- Certificates were provided to all the participants .

15.



PIC: IEEE EVENT POSTER

Sciencezoid 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 quiz event Conducted for students to make them to know about science and technology, conducted on on 27th february 2023. Over 20 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,M.N.Pragadeesh coordinated the event with Mr. R. Sreekanth, IEEE SB Counselor. Student coordinators: G.Aparna ,S.Keerthana ,R.Gokul Kumar ,V.Rakshit Roshan ,B.Santhosh ,N.Rupesh and M.N.Pragadeesh

16.



PIC: IEEE EVENT POSTER

IEEE Spectrum is the world's largest professional organization 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. Aiswarya T S spoke on the "Wearable Ultrasonic Patch that Images the Heart in Real time". The speaker enlightened us with the idea that "Wearable ultrasonic patch that will monitor the heart continuously and produce the image, which can be used for diagnosis process". The participants had an amazing experience in the meet and enjoyed the entire session.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
 in association with
IEEE STUDENT BRANCH CHAPTER
 presents

COVER TO COVER
 (IEEE Spectrum Reading)

 **6:00 PM- 7:00 PM**
 **16th February 2023**


 meet.google.com/ykh-jxcm-atd

MADHUMITHA S
 2nd Year EEE
Topic : Wireless Charging - How it Works

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 Chairman, St. Joseph's Group of Institutions

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 Principal, St. Joseph's College of Engineering

Dr. V. Vallimayagam M.Phil., Ph.D.
 Dean Students Affairs, St. Joseph's College of Engineering

Dr. A.Chandra Sekar M.E., Ph.D.
 Dean Research, St. Joseph's College of Engineering

Dr. G.Sree Kumar M.Sc., M.Tech., Ph.D.
 Dean Academics, St. Joseph's College of Engineering

Convenor
Dr. T.V. Narmadha M.E., Ph.D.
 Professor & Head, Lab Officers

SBC Advisor
Dr. Jayarama Pradeep M.E., Ph.D.
 Professor & Head, Staff Officers

Staff Coordinator
Mr. R. Sreekanth M.E., Ph.D.
 Assistant Professor

Student Coordinators
 Manigandan V | Nithin Joel J | Arisudan T H

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PIC: IEEE EVENT POSTER

IEEE Spectrum is the world's largest professional organization 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. Madhumitha S spoke on the "Wireless Charging—How it Works". The speaker enlightened us with the idea that "Wireless charging is the most emerging technology in the field of Engineering. Making the technology more eco-friendly with wireless charging, thus making humanity to move forward". The participants had an amazing experience in the meet and enjoyed the entire session.

18.

The poster is for an IEEE event titled 'TECHYIZZ' presented by the Department of Electrical and Electronics Engineering in association with the Industry Applications Society. The event is scheduled for February 13, 2023. It is open to all IEEE members and e-certificates will be provided to all participants. The registration link is <https://forms.gle/S8CeBMWjJUFg8f5o6>. A QR code is provided for registration. The poster lists several key personnel: Chief Patron (Dr. B. Babu Manoharan), Patrons (Mrs. S. Jessie Priya, Dr. Vaideli Seshagiri Rishi, Mr. B. Shashi Sekar), Convenor (Dr. B. V. Vallinayagam), SBC Advisor (Dr. Jayarama Pradeep), and Staff Coordinator (Mr. R. Sreekanth). It also lists Student Coordinators: KARTHICKAN S | PRASANNA GNANAMBIGA S | KAVIPRIYA D | VIJAYALAKSHMI | KAILASH | SANJAY K | SHYAM SUNDHAR M.

PIC: IEEE EVENT POSTER

The conference team office bearers for 2023 held a meeting that was conducted by the IEEE Student Branch Chapter of St. Joseph's College of Engineering. The date was February, 2023. Seven members of the student chapter from St. Joseph's College of Engineering attended the meet as office holders for the conference team. They talked about this year's strategy and the upcoming conference.

19.

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IEEE SJCE SB மாணவர் மன்றம்
பெருமையுடன் வழங்கும்

மாணவர் கருத்தரங்கம் - 1
தமிழ் இணையமேடை சொற்பொழிவு

பதிவு செய்ய
QR Code

தேதி : 04.02.2023
நேரம் : 2.00pm

Ms.தாரணி.வே
IEEE SJCE SB Chairperson
தலைப்பு : என் IEEE பயணம்

<https://bit.ly/மாணவர் கருத்தரங்கம்>

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PIC: IEEE EVENT POSTER

The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering conducted a Tamil Symposium 'செம்மொழி திருவிழா' on 22th February 2023 between 10:00 am to 3:00 pm about the. Overall, 96 people registered through the registration form and 70 of them participated in the events and best three were given winners' certificates and the others were provided with participation certificates. In the Tamil Symposium, we hosted 12 events, 10 of which were held online and 2 of which were held offline, including our final day event. Five of those ten offline events were webinars. The speeches were delivered by five separate speakers and the next five events were non-technical events.

20.

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IEEE SJCE SB மாணவர் மன்றம்
பெருமையுடன் வழங்கும்

புதுக்கவிதை
-- ஒரு கவிதை எழுதும் போட்டி --

உங்கள் கவிதைகளை
எழுதுங்கள்

QR Code

தேதி : 04.02.2023
நேரம் : 6.00 pm

தலைப்பு : அவள்

-- பங்கேற்பாளர்கள் அனைவருக்கும் சான்றிதழ்கள் வழங்கப்படும் --

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The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering conducted a Kavithai event on behalf of Semmozhi Thiruvizha (Tamil Symposium) "புதுக்கவிதை" related to Tamil kavithai competition on 4th February 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: IEEE EVENT POSTER

21.

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IEEE SJCE SB மாணவர் மன்றம்
பெருமையுடன் வழங்கும்

மாணவர் கருத்தரங்கம் - 1
தமிழ் இணையமேடை சொற்பொழிவு

பதிவு செய்ய
QR Code

தேதி : 04.02.2023
நேரம் : 2.00pm

Ms. தாரணி. வெ
IEEE SJCE SB Chairperson
தலைப்பு : என் IEEE பயணம்

https://bit.ly/மாணவர்_கருத்தரங்கம்

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PIC: IEEE EVENT POSTER

The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering conducted a webinar event on behalf of Semmozhi Thiruvizha (Tamil Symposium) "மாணவர் கருத்தரங்கம்-1" related to Tamil webinar session on 4th February 2023. The session was conducted in online mode. The rules and regulations were explained before. Overall, 35-40 people attended the session. This session was conducted by Ms.V.Dharani on the topic of her IEEE Journey. The student coordinators for this event are Deepika U ,Jayavarshini M J , Abinaya Priya R A , Shiva D Sunil Kumar M.

22.

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IEEE SJCE SB மாணவர் மன்றம்
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குறள்வெண்பா
-- திருக்குறள் ஒப்பித்தல் போட்டி --



உங்கள்
பதிவுகளை
சுமருப்பிக்க...



<https://bit.ly/குறள்வெண்பா>

தேதி : 05.02.2023
நேரம் : 6.00pm
தலைப்பு : திருக்குறள்

-- பங்கேற்பாளர்கள் அனைவருக்கும் சான்றிதழ்கள் வழங்கப்படும் --

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 Dr. C. Sreekumar M.Sc., M.Tech., Ph.D. Dean (Academic), St. Joseph's College of Engineering

Convenor Dr. T.V. Narmadha M.L., Ph.D. Professor & Head, IAS, IITM
SBC Advisor Dr. Jayarama Pradeep M.L., Ph.D. Professor & Head, IAS, IITM
Staff Coordinator Mr. R. Sreekanth M.L., Ph.D. Assistant Professor

Student Coordinators
Mani Sha N | Jayasruthi R V | AkshayaKrishnan | Amirtha Varshini M | Godson S V Noble

*For Admissions: visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or contact: 91 99401 04881 / 91 99401 04882.

PIC: IEEE EVENT POSTER

The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering conducted a Thirukkural event on behalf of Semmozhi Thiruvizha (Tamil Symposium) “குறள்வெண்பா” related to Thirukkural competition on 5th February 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 Harini, Aishwarya, Indhumathi and the others were provided with participation certificates. The student coordinators for this event are Mani Sha N, Jayasruthi R V, Akshaya Krishnan, Amirtha Varshini M, Godson S V Noble.

23.

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IEEE SIGHT SJCE Chairperson

மின் மற்றும் மின்னணு பொறியியல் துறை உடன் இணைந்து
IEEE SJCE SB மாணவர் மன்றம் பெருமையுடன் வழங்கும்

மானவர் கருத்தரங்கம் - 2
தமிழ் இணையமேடை சொற்பொழிவு

பதிவு செய்ய
கருத்தரங்கம்

தேதி : 05.02.2023
நேரம் : 5.00pm

செல்வன்.தி. அரிகதன்
IEEE SIGHT SJCE Chairperson

<https://bit.ly/மானவர்>

தலைப்பு : மினாக்கெயின் தொழில்நுட்பம் மற்றும் பிட்காயின் குறியீட்டு நாளையம்

-- பங்கேற்பாளர்கள் அனைவருக்கும் மின் சான்றிதழ்கள் வழங்கப்படும் --

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Executive Director, St. Joseph's Group of Institutions

Dr. V. Vallinayagam M.Phil., Ph.D.
Dean (Education), St. Joseph's College of Engineering

Dr. A. Chandra Sekar M.E., Ph.D.
Dean (Operations), St. Joseph's College of Engineering

Dr. C. Sreekumar M.Sc., M.Tech., Ph.D.
Dean (Academics), St. Joseph's College of Engineering

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Professor & Head - Lab Affairs

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PIC: IEEE EVENT POSTER

The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering conducted a webinar event on behalf of Semmozhi Thiruvizha (Tamil Symposium) "மாணவர் கருத்தரங்கம்-2" related to Tamil webinar session on 5th February 2023. The session was conducted in online mode. The rules and regulations were explained before. Overall, 35-40 people attended the session. This session was conducted by Mr. T. Arisudan on the topic of her Block chain and Bitcoin Technology. The event was held on 05th February 2023 between 5:00 pm to 6:00pm about the. The student coordinators for this event are Mani Sha N, Akshaya Krishnan, Amirtha Varshini, Jaya Shruthi, Godson S V Noble.

24.

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IEEE SIGHT SJCE SB மாணவர் மன்றம் பெருமையுடன் வழங்கும்

இசைக்கலை
-- ஒரு பாட்டுப் போட்டி --

உங்கள் பதிவுகளை சமர்ப்பிக்க...
கருத்தரங்கம்

தேதி : 06.02.2023
நேரம் : 6.00pm

தலைப்பு : இசைக்கலை

<https://bit.ly/இசைக்கலை>

-- பங்கேற்பாளர்கள் அனைவருக்கும் சான்றிதழ்கள் வழங்கப்படும் --

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Student Coordinators
Deepika U | Jayavarshini M J | Abinaya Priya R A | Shiva D | Sunil Kumar M

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The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering conducted a Singing event on behalf of Semmozhi Thiruvizha (Tamil Symposium) "இசைக்கலை" related to Singing competition on 6th February 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 Achaya, Srinithi, Vinodhini 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.

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IEEE

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உடன் இணைந்து
IEEE SJCE SB மாணவர் மன்றம்
பெருமையுடன் வழங்கும்
மாணவர் கருத்தரங்கம் - 3
தமிழ் இணையமேடை சொற்பொழிவு

பதிவு செய்ய
QR Code

தேதி : 06.02.2023
நேரம் : 6.30 pm

செல்வன் .ஜெ.யவனேஷ்
IEEE SJCE Conference Team Lead
தலைப்பு : உட்பொதிக்கப்பட்ட அமைப்பின் உலகில்
-- பங்கேற்பாளர்கள் அனைவருக்கும் சான்றிதழ்கள் வழங்கப்படும் --

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Professor & Head, IITR 608015

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Assistant Professor

Student Coordinators
Deepika U | Jayavarshini M J | Abinaya Priya R A | Shiva D | Sunil Kumar M

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The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering conducted a webinar event on behalf of Semmozhi Thiruvizha (Tamil Symposium) "மாணவர் கருத்தரங்கம்-3" related to Tamil webinar session on 6th February 2023. The session was conducted in online mode. The rules and regulations were explained before. Overall, 35-40 people attended the session. This session was conducted by Mr. J. Yavanesh on the topic of Embedded Systems. The event was held on 05th February 2023 between 5:00 pm to 6:00pm about the . The student coordinators for this event are Mani Sha N , Akshaya Krishnan , Amirtha Varshini , Jaya Shruthi , Godson S V Noble.

26.

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உடன் இணைந்து
IEEE SJCE SB மாணவர் மன்றம்
பெருமையுடன் வழங்கும்

கவியும் கற்பனையும்
---ஒரு இணையத்தில் பரவும் நகைச்சுவைகளை உருவாக்கும் போட்டி---

பதிவு செய்ய
QR Code
https://bit.ly/கவியும்_கற்பனையும்

தேதி: 07.02.2023
நேரம்: 5.00pm

-- பங்கேற்பாளர்கள் அனைவருக்கும் சான்றிதழ்கள் வழங்கப்படும் --

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The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering conducted a meme contest on behalf of Semmozhi Thiruvizha (Tamil Symposium) "கவியும் கற்பனையும்" related to meme competition on 7th February 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 Astina, Akshara, Harini and the others were provided with participation certificates. The student coordinators for this event are Mani Sha N, Jayasruthi R V, Akshaya Krishnan, Amirtha Varshini M, Godson S V Noble.

27.



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மாணவர் கருத்தரங்கம் - 4
தமிழ் இணையமேடை சொற்பொழிவு

பதிவு செய்ய
QR Code

தேதி : 07.02.2023
நேரம் : 6.00 pm

செல்வி.இரா.அபிநயப்பிரியா
IEEE Tamil Mandram SJCE Secretary

தலைப்பு : புறம் சுறும் அறம்

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The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering conducted a webinar event on behalf of Semmozhi Thiruvizha (Tamil Symposium) “மாணவர் கருத்தரங்கம்-4” related to Tamil webinar session on 4th February 2023. The session was conducted in online mode. The rules and regulations were explained before. Overall, 35-40 people attended the session. This session was conducted by Ms.R. Abinaya Priya. The event was held on 08th February 2023 between 6:00 pm to 7:00pm about the. The student coordinators for this event are Mani Sha N, Akshaya Krishnan, Amirtha Varshini, Jaya Shruthi, Godson S V Noble.

28.



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சுவரிதழ்
ஒரு சுவரொட்டி வடிவமைப்பு போட்டி

பதிவு செய்ய
QR Code

தேதி : 08.02.2023
நேரம் : 5.00pm

-- பங்கேற்பாளர்கள் அனைவருக்கும் சான்றிதழ்கள் வழங்கப்படும் --

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Assistant Professor

Student Coordinators
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The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering conducted a Poster Design event on behalf of Semmozhi Thiruvizha (Tamil Symposium) “சுவரிதழ்” related to Poster Designing competition on 8th February 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 Elamparithi, Hari Vignesh, Gowtham 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: IEEE EVENT POSTER

29.

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பெருமையுடன் வழங்கும்

மாணவர் கருத்தரங்கம் - 5

தமிழ் இணையமேடா சொற்பொழிவு பதிவு செய்ய

 தேதி : 08.02.2023
நேரம் : 6.00 to 7.00 pm

 செல்வி. உ. ஜமுனா
IEEE WIE SJCE Chairperson
தலைப்பு : யாதும் ஊரே

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30.

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IEEE SJCE SB மாணவர் மன்றம்
பெருமையுடன் வழங்கும்
செம்மொழி திருவிழா
தொடர்புச் சங்கிலி
--ஒரு மாணவர் ஒருத்தரங்கும்--
--ஒரு சொற்களை இணைக்கும் விளையாட்டு--

பதிவு செய்ய
தொடர்பினைப்பு
<https://bit.ly/தொடர்பினைப்பு>

தேதி: 22/02/2023 |பிற்பகல் - 1:00-1:45 pm

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The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering conducted a riddle event 'தொடர்பினைப்பு' related to Tamil words game on 22th -February 2023 between 1:00 pm to 1:45 pm. Overall, 50 people registered through the registration form and 40 of them participated in the event and best three were given winners' certificates and the others were provided with participation certificates. The first place goes to Chureendar and Rakshit Roshan , second place goes to Sivakumar and Kathiravan , third place goes to Kaviya and Keerthana . The student coordinators for this event are Deepika U ,Jayavarshini M J , Abinaya Priya R A , Shiva D ,Sunil Kumar M.

31.



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IEEE S.JCE SB மாணவர் மன்றம்
பெருமையுடன் வழங்கும்
செம்மொழி திருவிழா
---ஒரு தமிழ் கருத்தரங்கம்---
பைந்தமிழ் பட்டிமன்றம்
---ஒரு தமிழ் பட்டிமன்றம்---

பதிவு செய்ய
QR Code
<https://bit.ly/செம்மொழித்-திருவிழா>

தேதி: 22/02/2023
நேரம்: காலை 10:00 AM -
மாலை 3:00 PM

பதிவு செய்வதற்கான கடைசி தேதி: 19.02.2022

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The IEEE SJCE SB Maanavar Mandram of St. Joseph's College of Engineering conducted Pattimandram event on behalf of Semmozhi Thiruvizha (Tamil Symposium) “பைந்தமிழ் பட்டிமன்றம்” related to Tamil Pattimandram competition on 22nd February 2023. The event was conducted in Offline mode on the topic of The enjoyment of college life for Boys vs Girls. The best two were given winners certificates. The winners of the event are Abinayaa sri, Varshini and the others were provided with participation certificates. This event was conducted by IEEE Volunteers.

32.



IEEE Madras Section **IEEE young professionals MADRAS SECTION**

IEEE MADRAS YOUNG PROFESSIONALS

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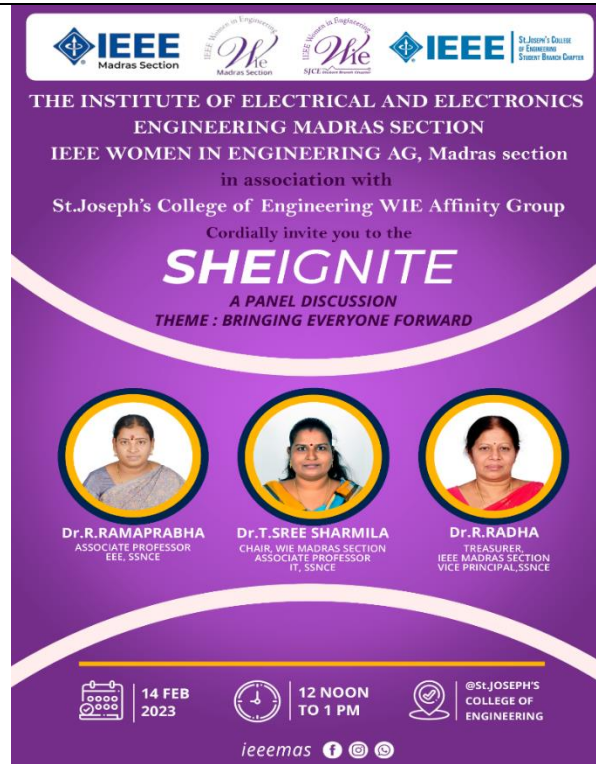
SCAN HERE

IEEE MASYP

IEEE Young Professionals hosted “SPECTRAFEST’23- A Magazine presentation” for School Diploma and College students on 19th February 2023. There were two Tracks in the Event, AUTHENTICA and SPIRA. In the track of AUTHENTICA the team should pick an article from the IEEE SPECTRUM Magazines and should present it before the juries, and in the track of SPIRA the article's title were given on spot from IEEE SPECTRUM Magazines and specific time was provided for preparation and then the team presented it. As the event's Chief Guest, Mr. M. Arun, Chairman of IEEE Young Professionals, joined us. On the day of the event, there were about five juries present to judge the presentations. Mr. M. Abdul Halik, Secretary of IEEE Young Professionals, Dr. Prem Kumar, Dr. P. Velmurugan, and Dr. M. Ramesh Babu were the juries in session that day. Around 110 students participated in this contest. Merit Certificate was provided to the Winners and also E- Certificates was provided with participants. The event was Hosted and organized by St. Joseph's College of Engineering IEEE Student Branch Chapter

PIC: IEEE EVENT POSTER

33.



PIC: IEEE EVENT POSTER

IEEE MAS Women In Engineering Affinity Group in association with St Joseph's IEEE WiE Affinity group organized a Panel Discussion - "SHEignite" on the topic "Bringing Everyone Forward" on behalf of International day of Women and girls in science on 14th February, 2023 from 2pm to 3pm(IST). The event focuses to inspire and share ideas with people in all areas and sectors, especially the women's community, to advance and meet the challenges of their different workplace environments. The event was fulfilled with 3 renowned Panellists. Dr. S. Radha, a Senior professor and Vice principal at SSN College of Engineering, served as our first panellist and shared her opinions on how women should balance their personal and professional lives during the discussion. She also emphasised the value of IEEE to students with engineering backgrounds. Dr. Ramaprabha, the second panellist, is an associate professor in the department of Electrical and Electronic Engineering at SSNCE. She shared her thoughts on how newcomers might tackle the recession in an intelligent way. Dr. Sree Sharmila, the third panellist, presented a lot of information on recent developments and little-known but engaging IEEE platforms. She is the chair of the IEEE WIE Madras section and an associate professor of information technology at SSNCE.

34.

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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day IoT Workshop with Hands on Training

21 Venue : IoT LABORATORY

11 AM TO 1 PM

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

Convenors
Dr. Jayarama Pradeep M.A., M.B.A., Ph.D.
Professor & Head - Staff Affairs
Mr. Siva Harish M
Mr. M. Umesh Prabhu M.Tech, Ph.D.
Dean Academics, St. Joseph's College of Engineering

Staff Coordinator
Mr. M. Umesh Prabhu M.Tech, Ph.D.
Assistant Professor / IEE

Student Coordinators
Mr. Sanjay Sampathkumar

*For Admissions: Visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or Contact: 9940104881 / 9940104882

PIC: IEEE EVENT POSTER

Student Workshop on “One Day IoT workshop With Hands on Training” was conducted by the Department of Electrical and Electronics Engineering, St. Joseph’s College of Engineering on 21th of february. The objective of the workshop was to provide a basic introduction to using of arduino for IOT projects. In the first one hour of the workshop, the students were provided with basic knowledge on arduino about its hardware, IDE and software. Some example programs were taught and in later session the students were given with hands on training on the example projects and they gained a practical knowledge in working with arduino board to do some simple projects.

35.

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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
in association with

St. Joseph's ISTE Student Chapter
Organizes

2 Days Student Workshop on DESIGN & DEVELOPMENT OF POWER SUPPLY

INTRODUCTION TO ELECTRICAL DESIGNER SOFTWARE

TOPICS COVERED

1. DESIGN OF POWER SUPPLY
2. BASICS OF PCB DESIGN
3. INTRODUCTION TO ELECTRICAL DESIGNER SOFTWARE
4. BASICS OF FABRICATION

FOR II YEAR STUDENTS
FEBRUARY | 16, 17 | 2023
TIME : 8.00 AM TO 3.00 PM

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

Convenors
Dr. Jayarama Pradeep M.A., M.B.A., Ph.D.
Professor & Head - Staff Affairs
Dr. T.V. Narmadha M.E., Ph.D.
Professor & Head - Lab Affairs

Staff Coordinator
Mr. M. Umesh Prabhu M.Tech, Ph.D.
Assistant Professor / IEE

*For Admissions: Visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or Contact: 9940104881 / 9940104882

PIC: STUDENT WORKSHOP POSTER.

Student Workshop on “Design & Development of Power Supply” 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 on power supply circuit diagram. The next session started with the demonstration on power supply design and development. Final session of first day was ended up with hands on training for hardware development of power supply. The first session of second day was started with introduction about the various types of Electrical designer software tools and explained about tinkercad tools for designing circuits. Students designed and developed the power supply board at the end of the workshop. The two days sessions are handled by Dr.M.Venmathi, Mr.R.Elanthirayan & Ms.S.P.Vedavalli Feedback was collected from the participants about the program and it was observed that they have found the program very useful and informative.

36.

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

ARBA, NBA, IEEET, nif, Cambridge

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Organises

Guest Lecture on
AI and the Way Forward

RESOURCE PERSON
ARUN S VENKATARAMAN
Research Consulting | Innovation Management | Speaker & Trainer
Founder and Global Head, Invenk solutions, chennai.
Alumni 2009

11/02/2023
11.00 A.M to 12.00 P.M.

For II year EEE students

Chief Patron
Dr. B. Babu Manoharan M.A., M.E.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. V. Vallinayagam M.Sc., M.Phil., Ph.D. Dean Student Affairs, St. Joseph's College of Engineering
Dr. A. Chandra Sekar M.E., Ph.D. Dean Research, St. Joseph's College of Engineering
Dr. C. Sree Kumar M.Sc., M.Tech., Ph.D. Dean Academics, 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 - Lab Affairs

Staff Coordinators
Dr. V. Chandrasekhar M.E., M.B.A., Ph.D. Associate Professor / EEE
Dr. V. Krishna Kumar M.Tech., Ph.D. Associate Professor / EEE

*For Admissions: Visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or Contact: 9940104881 / 9940104882

Guest Lecture on “AI and the Way Forward” was conducted by the Department of Electrical and Electronics Engineering, St. Joseph’s College of Engineering. The guest lecture aims to provide how AI applications are ruling the world by Mr. Arun S Venkataraman Research Consultant/ Innovation Management Founder and Global Head, Invenk Solutions, Chennai on 11-02-2023.

37.

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

ARBA, NBA, IEEET, nif, Cambridge

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ELECTR/CAL CLUB
Organizes

BRAINSTORM

4 FEB
Merit Certificates will be provided to the winners
Exclusively for 3rd years

TIME: 1.40 to 3 PM

Chief Patron
Dr. B. Babu Manoharan M.A., M.E.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. V. Vallinayagam M.Sc., M.Phil., Ph.D. Dean Student Affairs, St. Joseph's College of Engineering
Dr. A. Chandra Sekar M.E., Ph.D. Dean Research, St. Joseph's College of Engineering
Dr. C. Sree Kumar M.Sc., M.Tech., Ph.D. Dean Academics, 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 - Lab Affairs

Staff Coordinators
Mrs. R.G. NIRMALA M.A., M.Tech. Assistant Professor
Mrs. Sivakumar M.E. Assistant Professor

Student Coordinators
Abhisitha R | Abhinaya V | Abhinaya B | Dharmasathmi S | Dharmini V | Jaimona U | Linda Joyce R P | Nivasa M | Nandi Vandhan Reddy K | Ramya K | Sagaya Antony Ishwarya S | Shankar Aashash S | Sharan M

*For Admissions: Visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or contact: 9940104881 / 9940104882

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) ELECTRICAL CLUB organized a technical event “BRAINSTORM” on 04-02-2023. This exclusive event started at 1.40 PM with all the members of our club. The event was started with “Tamil Thai Vazhthu”. Abiding the famous quote “Talent hits a target no one else can hit; Genius hits a target no one else can see” the event started exploring the hidden talent of our students through this event.

WINNERS LIST:

STUDENTS NAME	YEAR	POSITION
Kaviya , Kavipriya, Keerthana	III	I
Mohana Santosh , Guhan	III	II
Navina , Anitta, Darsini	III	III

PIC:CLUB EVENT POSTER

38.

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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

St. Joseph's ISTE Student Chapter
Organises

SPRING TIME
AN AMUSING PERSPECTIVE

For 3rd Years

1:40PM to 3:00PM **ON FEBRUARY 10th**

Certificates Will Be Provided for Winners

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

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

Dr. T.D. Sudhakar M.E., Ph.D. Professor / EEE
Mr. R. Elanthirayan M.Tech., (Ph.D.) Assistant Professor / EEE

Student Coordinators
AMIRTHA VARSHINI M MUKUNTHASRI R ALFRED EINSTEIN G MALAVIKA N MADHAVAN K
SUNIL KUMAR M BHARATH RAJ ARUTHURA S

*For Admissions: Visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or Contact: 9940104881 / 9940104882

PIC:ISTE EVENT POSTER.

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) "St. JOSEPH'S ISTE STUDENT CHAPTER" organized a technical event "SPRING TIME" on 07-02-2023. This exclusive event started at 1.40 PM with all the members of our club. The event was started with "Tamil Thai Vazhthu". Abiding the famous quote "Talent hits a target no one else can hit; Genius hits a target no one else can see" the event started exploring the hidden talent of our students through this event.

WINNERS LIST:

STUDENTS NAME	YEAR	POSITION
SIDHU & SHANKAR AHASH	III	I
SIVAMALAVAN & SHAKTHIVELAN	III	II
KEERTHANA & NAVINA	III	III

39.

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) SOCIAL AWARENESS CLUB organized a technical event “EXPELLIARMUS” on 13/02/2023. This exclusive event started at 1:40PM with all the members of our club. The event was started with “Tamil Thai Vazhthu” and the event started exploring the hidden talent of our students.

WINNERS LIST:

STUDENT NAME	YEAR	POSITION
T.ANADHA KUMAR T.HARI KRISHNA	II-A	I
PRAGADEESH.M.N PON NAVEEN ANTO.I	II-B	II
PRAKASH.M KAILASH.I	II-B	III

40.

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) CHOPPERS CLUB organized a technical event “ LIGHT FAIR ” on 8thFEBRUARY. This exclusive event started at 1.40 P.M with all the members of our club. The event was started with “Tamil Thai Vazhthu”. Abiding the famous quote “Talent hits a target no one else can hit; Genius hits a target no one else can see the event started exploring the hidden talent of our students through this event.

WINNERS LIST:

STUDENTS NAME	YEAR	POSITION
KATHIRAVAN - KARTHIKEYAN	III	I
ALWYN- CHARLTON	III	II
CHURRENDAR - SANJEEV	III	III

PIC: CLUB EVENT POSTER.

41.



PIC: CLUB EVENT POSTER.

St. Joseph's College of Engineering (Electrical & Electronics Engineering) ROBOTICS CLUB organized a technical event "ARTBOTS" on 23rd February 2023. This event started at 1:40 PM with all the members of our club and participants. The event was started with full enthusiasm by exploring the hidden talents of the students.

WINNERS LIST

STUDENTS NAME	YEAR	POSITION
MOHAMMAD FAZIL KAVINILAVAN	II	I
NIRANJAN PRADEISH MISARA	II	II
APARNA C KANIMOZHI G	II	III

42.



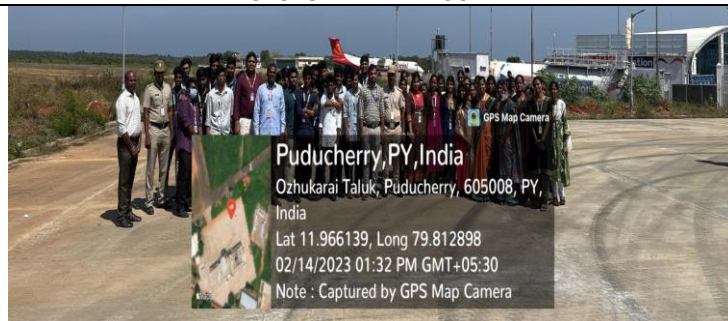
PIC: CLUB EVENT POSTER.

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) ELECTRICAL CLUB organized a technical event “BRAIN STORM” on 04-02-2023. This exclusive event started at 1.40 PM with all the members of our club. The event was started with “Tamil Thai Vazhthu”. Abiding the famous quote “Talent hits a target no one else can hit; Genius hits a target no one else can see” the event started exploring the hidden talent of our students through this event.

WINNERS LIST


STUDENTS NAME	YEAR	POSITION
Kaviya , Kavipriya, Keerthana	III	I
Mohana Santosh , Guhan	III	II
Navina , Anitta, Darsini	III	III

43.



PIC: IV PHOTOGRAPH.

Our II year EEE (Section A, B & C) students having strength of 187 and III year EEE C students having strength of 50 visited Pondicherry Airport on 14/02/2023 and 16/02/2023 to learn about the GPS System, Fire Fighting Systems, Airport Substation and Air Traffic Signaling etc.



<p>44.</p>	 <p>Karuvetti, Tamil Nadu, India HFV9+399, Karuvetti, Tamil Nadu 607807, India Lat 11.592638° Long 79.46849° 13/02/23 11:39 AM GMT +05:30</p> <p><i>PIC: IV PHOTOGRAPH.</i></p>	<p>Our III Year EEE A&B Students Having Strength of 100 Visited NLC India Limited On 13/02/2023 To Learn About The to gain practical knowledge on Thermal Power Plant Component Like Coal Mining, Cooling Unit, Generator, Coal Handling, Generation Side Transformer etc.</p>
<p>45.</p>		<p style="text-align: right;">Criteria 1</p> <p>A patent titled “ Smart Hybrid charging station for future smart city application” is published by Dr.R.Brindha, Ms.S.Gomathi, Dr.R.Senthil kumar, Dr.Arun Noyal Doss, Dr.K.Mohanraj, Mr.R.Elanthirayan Ms. S.P.Vedavalli, Mr.B.Bharaneedharan, on 06/01/2023.</p> <p>A patent titled “ Deep Learning based technique to predict the impact of residential energy storage system modelling on power system” is published by Dr.M.Arunkumar, Dr.B.Rajesh Kumar, R.Elanthirayan, R.G.Nirmala, R.Balakrishnan, R.Vignesh Raj, C.Sankari, Vigneshwaran P, on 13/01/2023.</p> <p>A patent titled “ Electric Vehicle battery swapping technology with IoT” is published by Ms. S.P.Vedavalli, Dr.C.Subramani, Mr.B.Vinothkumar, Dr.P.Poornima, Ms.S.Gomathi, Dr.R.Brindha, Mr.R.Elanthirayan, Mr.C.Ebbie Selva kumar, on 13/01/2023.</p> <p>A patent titled “An Adaptive Fuzzy Power Controller Based Wind Energy Conversion System” is published by Mr. S. Radha Krishna Reddy, Dr. Vasanthakumar Natarajan, Dr. Ramesh Babu M , Dr.R.Karthikeyan, A.Udhaya Kumar, Dr.R.Senthil Kumar, Dr.R.Dinesh Kumar, Dr.Swagata Sarkar on 10/02/2023.</p> <p>A patent titled “AI & ML Based System for Prediction of Wind Power for Multi-Turbine” is published by R Vijayaganth, Dr. Vasanthakumar Natarajan, C Venkatesh Kumar, Dr. Sanjay Agal, Dr.Swagata Sarkar, Bhupati, Dr.R.Dinesh Kumar, Dr.R.Kalaivani on 10/02/2023.</p>
<p>46.</p>	<p style="text-align: center;">PLACEMENT DETAILS FOR THE MONTH OF FEBRUARY 2023</p>	<p>Total No of students placed = 111 UG + 4 (PG) =115 Students Total No of Offers = 173 + 4 (PG) = 177 Offers Total No of Students (UG) = 160 Total No of Eligible Students (UG) = 144 (All Clear & 1 arrear students) Total No of Eligible Students (PG) = 06 % of students Placed (UG) = 111/144 = 77.09 %</p>

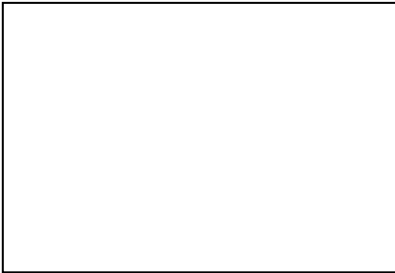
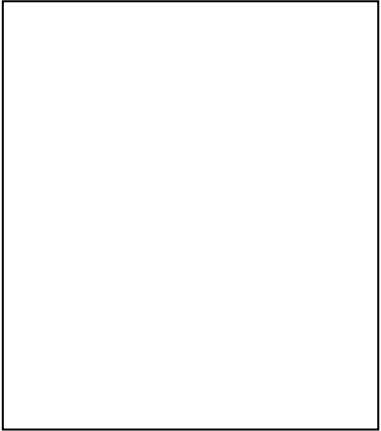
		<p>% of students Placed (PG) = 04 % of students Placed (PG) = $04/06 = 66.66\%$ No of students having single offers = 70 + 04 (PG) No of students having Double offers = 28 No of students having Triple offers = 15 No of students having Quadruple offers = 02</p>
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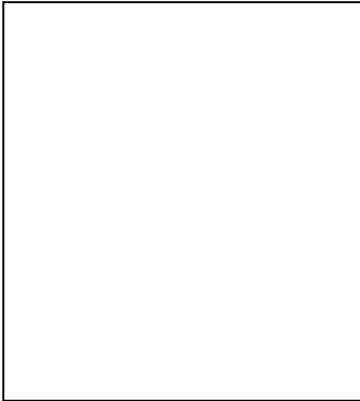

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Sl. No.	Title	Detail					
1.	Workshop/STTP Organised	S.No.	Faculty Name	Workshop/STTP Organised	Topic	Date	Link
		1.	Dr.V.Vijayan Dr.B.Senthil Kumar	Guest Lecture	Recent Trends, Issues and Challenges in Instrumentation Technology	11-02-2023	https://drive.google.com/file/d/1D2LDyOKo7FrbHiWbi6cu48a_eL_SSrxk/view?usp=share_link
		2.	Dr.V.Vijayan Mr.D.Sankaran	Seminar	Introduction to AR/VR	13-02-2023	https://drive.google.com/file/d/1Lmze7jUOg_Idt5p4TAKacuxMi1Kac3h0/view?usp=share_link
		3.	Dr.S.Meena Mr.D.Sankaran	One day Workshop	Robot Design Made Easy	14-2-2023	https://drive.google.com/file/d/1YE5vIXT8laDdAK_rOinKHhDICjjaPd1Q/view?usp=share_link
		4	Dr.S.Meena Mr.D.Sankaran	Mini Project Expo	Modelling and Simulation tool	17-02-2023	https://drive.google.com/file/d/1kC2rRz4YryopiyD5R_LMZp5eUIqbXFYI/view?usp=share_link
		5	Dr.V.Vijayan Dr.B.Senthil Kumar	Mini Project Expo	Application using Arduino	21-02-2023	https://drive.google.com/file/d/11hGdoxLAJdJpFVcdxDB-HppYp1-bHnms/view?usp=share_link

DEPARTMENT OF INFORMATION TECHNOLOGY

Sl. No.	Photographs Captured During Event	Corresponding remarks in regarding the status of activity execution																														
1	  FDP Certificates	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">S.No</th> <th style="width: 45%;">Title of the topic</th> <th style="width: 20%;">Name of the Staff</th> <th style="width: 20%;">Conducted By</th> <th style="width: 10%;">Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>International FDP on Artificial Intelligence in Health Care</td> <td>Dr. Lilly Raamesh C. Heltin Genitha M. Nivethitha Devi J. Gnanasoundharam D. Dinesh Kumar R. Elavarasan</td> <td>Department of EIE, Easwari Engineering College, Chennai</td> <td style="text-align: center;">24-1-2023 to 31-1-2023 (6 days)</td> </tr> <tr> <td style="text-align: center;">2.</td> <td>Latest Research in Applications of AI in smart Manufacturing Image Processing IC, Business Intelligence and Text Mining</td> <td>D. Jeyapriya A. Kavitha A. S. Hepsi Ajibah A. Kavitha</td> <td>Educare -Taiwan</td> <td style="text-align: center;">29-1-2023 (1 day)</td> </tr> <tr> <td style="text-align: center;">3.</td> <td>FDP on Cloud Computing</td> <td>R. Shoba</td> <td>AICTE, ATAL</td> <td style="text-align: center;">30-1-2022 to 4-2-2023 (5 days)</td> </tr> <tr> <td style="text-align: center;">4.</td> <td>FDP on Artificial Intelligence</td> <td>A. Kavitha</td> <td>AICTE, ATAL</td> <td style="text-align: center;">16-1-2023 to 20-1-2023 (5 days)</td> </tr> <tr> <td style="text-align: center;">5.</td> <td>Advanced Technology Program on Big Data Analytics</td> <td>Kripa Sekaran</td> <td>Wipro Technologies</td> <td style="text-align: center;">06-02-23 to 10-02-23 (5 days)</td> </tr> </tbody> </table>	S.No	Title of the topic	Name of the Staff	Conducted By	Date	1.	International FDP on Artificial Intelligence in Health Care	Dr. Lilly Raamesh C. Heltin Genitha M. Nivethitha Devi J. Gnanasoundharam D. Dinesh Kumar R. Elavarasan	Department of EIE, Easwari Engineering College, Chennai	24-1-2023 to 31-1-2023 (6 days)	2.	Latest Research in Applications of AI in smart Manufacturing Image Processing IC, Business Intelligence and Text Mining	D. Jeyapriya A. Kavitha A. S. Hepsi Ajibah A. Kavitha	Educare -Taiwan	29-1-2023 (1 day)	3.	FDP on Cloud Computing	R. Shoba	AICTE, ATAL	30-1-2022 to 4-2-2023 (5 days)	4.	FDP on Artificial Intelligence	A. Kavitha	AICTE, ATAL	16-1-2023 to 20-1-2023 (5 days)	5.	Advanced Technology Program on Big Data Analytics	Kripa Sekaran	Wipro Technologies	06-02-23 to 10-02-23 (5 days)
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Sl. No.	Photographs Captured During Event	Corresponding remarks in regarding the status of activity execution
2	 <p data-bbox="306 643 642 769">Co-author: Dr. A. Tamizhselvi Published a paper in Scopus Indexed Conference</p>	<p data-bbox="1205 310 1503 337" style="text-align: center;"><u>Staff Paper Publication</u></p> <p data-bbox="722 345 1992 475">B. Surendiran, K. Dhanasekaran and A. Tamizhselvi, "A Study on Quantum Machine Learning for Accurate and Efficient Weather Prediction," 2022 Sixth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), Publisher: IEEE, E ISBN:978-1-6654-6941-8, Print ISBN:978-1-6654-6942-5, doi: 10.1109/I-SMAC55078.2022.9987293, pp. 534-537, Nepal, 2022, (Indexed in Scopus)</p> <p data-bbox="722 513 2003 808">Abstract: Recently Quantum Computing has gained much attention in the field of data science and computational problem solving. It is expected that the quantum machine learning will help researchers to find solutions for many complex problems in areas such as weather forecasting, data science, computational biology, energy management, secure communication, and many others. This paper presents a study on quantum machine learning techniques, challenges and applications of these techniques in climate change prediction, and weather forecasting towards future research in Quantum Machine Learning and Quantum Computing. It also discusses the latest developments and trends in Quantum machine Learning and presents practical examples to understand how Quantum Machine Learning considerably improves the performances of existing machine learning approaches.</p>
3	 <p data-bbox="338 1300 621 1427">Author: P. Suthanthira Devi Published a paper in Scopus Indexed Journal</p>	<p data-bbox="722 821 2003 984">P. Suthanthira Devi, R. Bala Krishnan, D. Yuvaraj, Varghese, S. Chooralil, N. Rajesh Kumar, B. Karthikeyan, G. Manikandan, "An Improved Steganographic Scheme Using the Contour Principle to Ensure the Privacy of Medical Data on Digital Images, Computer Systems Science and Engineering, Publisher: Tech Science Press, Print ISSN:0267-6192, https://doi.org/10.32604/csse.2023.035307, Vol. 46, No. 2, pp. 1563-1576, Feb 2023. (Indexed in Scopus)</p> <p data-bbox="722 992 2003 1451">Abstract: With the improvement of current online communication schemes, it is now possible to successfully distribute and transport secured digital Content via the communication channel at a faster transmission rate. Traditional steganography and cryptography concepts are used to achieve the goal of concealing secret Content on a media and encrypting it before transmission. Both of the techniques mentioned above aid in the confidentiality of feature content. The proposed approach concerns secret content embodiment in selected pixels on digital image layers such as Red, Green, and Blue. The private Content originated from a medical client and was forwarded to a medical practitioner on the server end through the internet. The K-Means clustering principle uses the contouring approach to frame the pixel clusters on the image layers. The content embodiment procedure is performed on the selected pixel groups of all layers of the image using the Least Significant Bit (LSB) substitution technique to build the secret Content embedded image known as the stego image, which is subsequently transmitted across the internet medium to the server end. The experimental results are computed using the inputs from "Open-Access Medical Image Repositories (aylward.org)" and demonstrate the scheme's impudence as the Content concealing procedure progresses.</p>

Sl. No.	Photographs Captured During Event	Corresponding remarks in regarding the status of activity execution
4	 <p data-bbox="310 722 590 850">Author: P. Suthanthira Devi Published a paper in Scopus Indexed Journal</p>	<p data-bbox="1207 293 1501 321" style="text-align: center;"><u>Staff Paper Publication</u></p> <p data-bbox="722 326 2003 423">P. Suthanthira Devi, S. Karthika, “RDNN: Rumor Detection Neural Network for Veracity Analysis in Social Media Text”, KSII Transactions on Internet and Information Systems, doi.10.3837/tiis.2022.12.00, E ISSN: 1976-7277, Vol. 16, No. 12, pp. 3868-3888, Dec 2022. (Scopus Indexed)</p> <p data-bbox="722 461 2003 889">Abstract: A widely used social networking service like Twitter has the ability to disseminate information to large groups of people even during a pandemic. At the same time, it is a convenient medium to share irrelevant and unverified information online and poses a potential threat to society. In this research, conventional machine learning algorithms are analyzed to classify the data as either non-rumor data or rumor data. Machine learning techniques have limited tuning capability and make decisions based on their learning. To tackle this problem the authors propose a deep learning-based Rumor Detection Neural Network model to predict the rumor tweet in real-world events. This model comprises three layers, AttCNN layer is used to extract local and position invariant features from the data, AttBi-LSTM layer to extract important semantic or contextual information and HPOOL to combine the down sampling patches of the input feature maps from the average and maximum pooling layers. A dataset from Kaggle and ground dataset #gaja are used to train the proposed Rumor Detection Neural Network to determine the veracity of the rumor. The experimental results of the RDNN Classifier demonstrate an accuracy of 93.24% and 95.41% in identifying rumor tweets in real-time events.</p>
5	 <p data-bbox="327 1308 569 1373">Ms. Kripa Sekaran published a patent</p>	<p data-bbox="1236 907 1472 935" style="text-align: center;"><u>Patent Published</u></p> <p data-bbox="722 946 1982 1003">Title of the invention : An artificial Intelligence and Machine Learning based system and method with improved security of nodes data in s blockchain network</p> <p data-bbox="722 1015 940 1042">Name of Inventor :</p> <ol data-bbox="770 1052 1083 1365" style="list-style-type: none"> 1. Dr. Suneela Bhoompally 2. Dr. R. S Srinivas 3. Dr. Vasumathi Devi 4. Dr. Qazi Mr. Anandbabu 5. Ms. S. Jayachitra 6. Ms. Kripa Sekaran 7. Dr. M. Murugesan 8. Mr. Prashanth 9. Mr. J. Ananda Kumar <p data-bbox="722 1375 1100 1403">Patent Number: 202341004815 A</p> <p data-bbox="722 1411 1182 1438">Date of filing of Application : 21/01/2023</p> <p data-bbox="722 1446 1052 1474">Publication Date: 17/02/2023</p>



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