



You Choose, We Do It

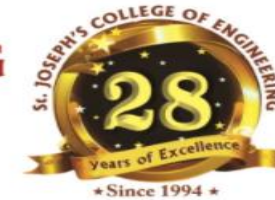
# St. JOSEPH'S COLLEGE OF ENGINEERING

(An Autonomous Institution)

St. Joseph's Group of Institutions

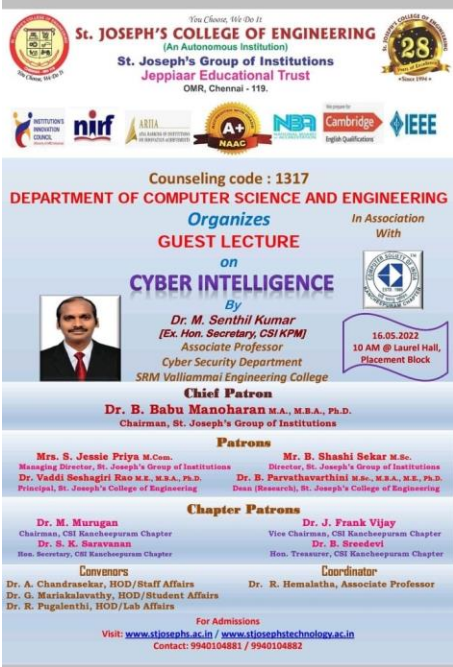
Jeppiaar Educational Trust

OMR, Chennai - 119.



## SEPTEMBER 2022

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Sl. No.	Event with Photo	Description
1	 <p>The poster details the FDP on Outcome based Curriculum Design organized by the Department of Computer Science and Engineering. It features a guest lecture on Cyber Intelligence by Dr. M. Senthil Kumar, Associate Professor at SRM Vallammai Engineering College. The event is supported by various accreditation bodies and is held on 16.05.2022 at 10 AM in Laurel Hall, Placement Block.</p>	<p>Date : 05.09.2020 – 09.09.2022            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>•</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 September 2022

### IETE Event: Technical Quiz-BRAINBENDERS

*You Choose, We Do It*

**ST. JOSEPH'S COLLEGE OF ENGINEERING**  
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ST. JOSEPH'S GROUP OF INSTITUTIONS  
JEPPIAAR EDUCATIONAL TRUST  
OMR, CHENNAI 600 119

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
IETE STUDENTS' FORUM - ISF

**BRAINBENDERS**

**DATE :** 2<sup>ND</sup> SEP

**TIME:** 1:00 - 3:00 PM

**venue: ECE LAB**

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

Mrs. S. Jessie Priya M.COM  
Managing 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

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

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 ( Student Affair )

Convenors:  
Dr. B. Victoria Jancee M.E, Ph.D  
IETE -Tech Affairs

Dr. S. Aghalya M.E, Ph.D  
IETE - Softskill Affairs

Dr. P. Ezhilarasi M.E, Ph.D  
IETE Lab Affairs

Staff Coordinator:-  
Dr. Shirley Selvan  
Dr. D. Lakshmi

IETE COORDINATORS

Student co ordinators:  
1. Anand E - 9943562883  
2. Rubeshwaran A - 7871924420  
3. Saravaksha S A - 6369207603  
4. Sai Priyadarshini J - 9940370112

The winning teams are:

#### Winners: Team 10

Name	Study Year
Prisca J	II C
Jaswanthika R	III A
Janani P	III A
Jegatha B	IV B
K S Jeyaprakaash	IV B

**First Runner: Team 4**

### Report



IETE Students' Forum, Department of ECE have organized BRAINBENDERS – A Technical Quiz Event on 2<sup>nd</sup> September 2022 at AV Hall between 1.00 and 3.00 PM A Strength of 174 ISF members as 27 teams have participated in this event. Each Team includes members from II year, III year and IV year students facilitating their knowledge sharing and experience. The Event has three rounds namely Frenzy, Technozap and Collaquium.

	<table border="1"> <thead> <tr> <th>Name</th> <th>Study Year</th> </tr> </thead> <tbody> <tr> <td>Rajeshwar N</td> <td>II C</td> </tr> <tr> <td>M S Yazhini</td> <td>III C</td> </tr> <tr> <td>M S Charan</td> <td>III A</td> </tr> <tr> <td>Kowsigan N P</td> <td>IV B</td> </tr> <tr> <td>Lavanya S</td> <td>IV B</td> </tr> </tbody> </table>	Name	Study Year	Rajeshwar N	II C	M S Yazhini	III C	M S Charan	III A	Kowsigan N P	IV B	Lavanya S	IV B		
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M S Yazhini	III C														
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Kowsigan N P	IV B														
Lavanya S	IV B														
	<p><b>Second Runner: Team 24</b></p> <table border="1"> <thead> <tr> <th>Name</th> <th>Study Year</th> </tr> </thead> <tbody> <tr> <td>S. Feslin Sherina</td> <td>II B</td> </tr> <tr> <td>Sabaridharan V P</td> <td>II C</td> </tr> <tr> <td>Sandeep kumar M N</td> <td>III C</td> </tr> <tr> <td>Sandeep Adhikari</td> <td>III C</td> </tr> </tbody> </table>	Name	Study Year	S. Feslin Sherina	II B	Sabaridharan V P	II C	Sandeep kumar M N	III C	Sandeep Adhikari	III C				
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	<b>OPTICA Event : TECHDROVE</b>		<b>Report</b>												


**St. JOSEPH'S COLLEGE OF ENGINEERING**  
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
 in association with  
**OPTICA** **OPTICA STUDENT CHAPTER**  
Advancing Optics and Photonics Worldwide PROUDLY PRESENTS  
**A TECHNICAL QUIZ EVENT**


**TECH DROVE 5.0**  
 AN EXCLUSIVE EVENT FOR 2ND YEAR OPTICA MEMBERS  
 DATE 13TH SEPTEMBER 2022

**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

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**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

**Student Advisor:-**  
**Dr.B.Vasudevan M.E, Ph.D**

**Student Coordinators:-**  
**Rithish Murugan - +91 7550203999**  
**Shriya Mukundan - +91 9790935605**  
**Raghuram Muruges - +91 6381376804**

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

An Exclusive event for the second year students in OPTICA student chapter .

“Tech Drove 5.0” was a totally riveting event organized by the Optica Student Chapter in the Department of Electronics and Communication Engineering. The event focused on welcoming the II year students into Optica and enriching their technical knowledge.

The noteworthy event was initiated with ROUND 1, in which all the 2nd year members were invited to participate. Two sets of different questions were provided to around 34 teams that comprised of 3 to 4 members each..

The participants were allotted a time period of 40 minutes to solve the perplexing yet amusing questions that provoked their thinking capacity. 6 teams moved on to the finale, based on their score after evaluation.

The Finale “GREEN SCREEN” began with the President’s address by Rithish Murugan, President of Optica Student Chapter, SJCE. It was followed by the welcome address by Jaswanthika R, III ECE A.

The final round was completely engrossing as the qualified teams chose a member who was blind-folded. The other members of the team had to give clues about the technical diagrams and circuits presented on the screen, while the blind-folded person had to guess it correctly.

Finally the top 3 teams were selected and were awarded by Dr. B. Vasudevan, Student Advisor of Optica Student Chapter, SJCE.

### WINNERS

PLACE	MEMBERS	CASH AWARD
I	Yamini.R Venusree.S Vadivu Nandhini.M Sheryl Evangelin Johnson	Rs. 1000/-
II	Prinston R Seavery A Planston Venkittaragavan R Raam aadharsh K	Rs. 700/-
III	Kelci.A	

		Joshika G Logeshwari A Manisha V	Rs. 500/-
<b>GUEST LECTURE: For II Year Students</b>		<b>Speaker Details</b>	
TOPIC: Evolution of Electronics		Guest Speaker: Dr. S. Muttan Speaker Details: Former Professor – Anna University Department of ECE, Chennai. Date: 3.9.22 Venue: AV Hall, Central Library, St. Joseph’s College of Engineering, OMR, Chennai Number of Participants: 193	

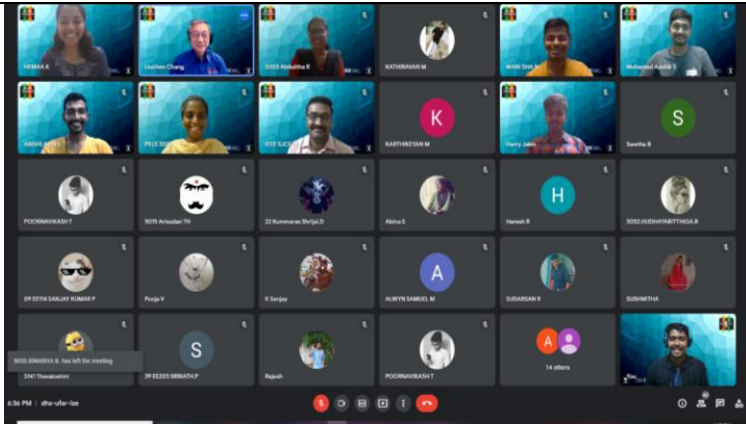
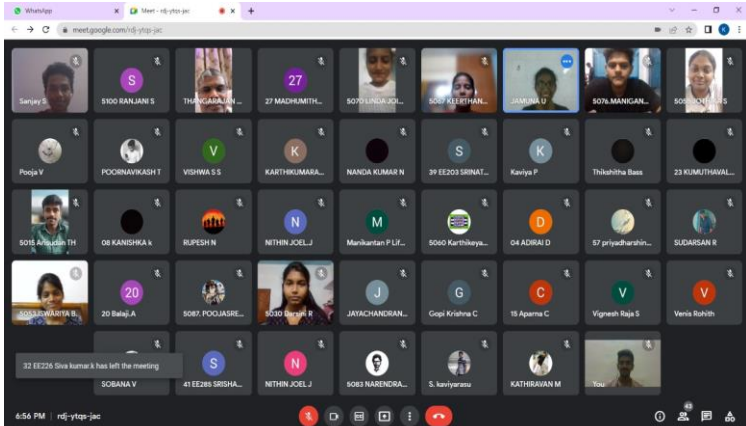
## 2. Publications:

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

S. No	Name of the Staff	Title of the Publication	Journal/Conference	Date & Year of Publication	Indexing
1.	D.Lakshmi	A Novel Implementation of Esophagus Diagnosis Using Deep Learning	2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022, 2022, pp. 636–641	August 2022	Scopus



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S.No	Events	Remarks
1.	 <p style="text-align: center;"><b>PIC: IEEE event screen shot</b></p>	<p>The IEEE Power Electronics Society of St. Joseph's College of Engineering Conducted the inauguration of PELZINE Volume-III magazine, a publication of student articles, took place on Sept 18,2022. Our chief guest IEEE PELS President Dr. Luichen Chang began the inauguration by expressing appreciation to the SJCE PELS Society and magazine editors, volunteers, and coordinators. He concluded his presentation by showing the opportunities available through the IEEE PELS Society and thanking the SJCE PELS Society. Then, he presented a video announcing the release of PELZINE VOLUME-III. The flip book was displayed to all attendees. We concluded the inaugural with a LEISURE Corner to create excitement among the participants. Participants enjoyed the leisure corner which contained crosswords, Sudoku, and quizzes, and gave off favorable feedbacks</p>
2.	 <p style="text-align: center;"><b>PIC: IEEE event screen shot</b></p>	<p>The “Network with a Star” is a webinar conducted by IEEE SJCE SBC on 13th September 2022. A total of 60 Participants attended the webinar. The Presenter Dr. Thangarajan Rajkumar is a professor and Head of the Department of Molecular Oncology, Cancer Institute, Chennai. He provided an explanation of cancer, informed us about several cancer related malignancies, and raised awareness of them. Also, he discussed many unexplored aspects of cancer. Finally, he covered cancer prevention and treatment. Then, he responded in-depth to the queries posted by the attendees in the meet. The speaker receives an E-memento at the end of the webinar as a thank you for sharing his perspective on cancer.</p>

3.

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ARHA NEA NIF Cambridge  
IEEE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
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IEEE STUDENT BRANCH CHAPTER  
PRESENTS

**COVER TO COVER**  
(IEEE Spectrum Reading)

6:00 PM- 7:00 PM  
31st August 2022

**OPEN TO ALL**  
meet.google.com/ykh-jxcm-att

**NIVAS M**  
3rd Year EEE  
Topic : Software Turns Promise Up for Offshore Wind

**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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Dean Students Affairs, St. Joseph's College of Engineering

**Convenor**  
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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

\*For Admissions, visit www.stjosephs.ac.in / www.stjosephstechnology.org or contact: 091 99401 04881 / 091 99401 04882

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 Mr.Nivas M spoke on the "Software Turns Promises Up for Offshore Wind". The speaker enlightened us with the idea that "A radical new idea for offshore wind turbines would replace tall unwieldy towers that had blades on top with lightweight, towerless machines whose blades resemble the loops of a whisk. The participants had an amazing experience in the meet and enjoyed the entire session.

4.

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ARHA NEA NIF Cambridge  
IEEE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
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IEEE STUDENT BRANCH CHAPTER  
PRESENTS

**COVER TO COVER**  
(IEEE Spectrum Reading)

6:30 PM- 7:30 PM  
11th September 2022

**OPEN TO ALL**  
meet.google.com/ykh-jxcm-att

**ARISUDAN**  
3rd Year EEE  
Topic : Can Underwater Robots get a boost in Mapping the Ocean.....?

**Chief Patron**  
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Chairman, St. Joseph's Group of Institutions

**Patrons**  
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PIC: IEEE EVENT POSTER

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5.	 <p style="text-align: center;"><b>PIC: IEEE EVENT POSTER</b></p>	<p>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 Mr.Madhavan K spoke on the “New Technique Reduces Electrocutation Risk After EV Crash”. The speaker enlightened us with the idea that “To address this issue, Hu’s team designed a hybrid approach, which relies on both the internal machine windings and external bleeder circuits to achieve the quick and safe discharge. The participants had an amazing experience in the meet and enjoyed the entire session.</p>
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6.	<h2 style="text-align: center;">PLACEMENT DETAILS FOR THE MONTH OF SEPTEMBER 2022</h2>	<p>Total No of students placed = 81 UG Students          Total No of Offers = 122 Offers          Total No of Students (UG) = 160          Total No of Eligible Students (UG) = 148          Total No of Eligible Students (PG) = 06          % of students Placed (UG) = <math>81/148 = 54.72\%</math>          % of students Placed (PG) = NIL          No of students having single offers = 47          No of students having Double offers = 27          No of students having Triple offers = 07</p>
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7.	<h2 style="text-align: center;">FDP FOR THE MONTH OF AUGUST 2022</h2>	<p>Following staff members attended One Week FACULTY DEVELOPMENT PROGRAMME On SMART GRID AND RENEWABLE ENERGY SOURCES 29th AUGUST - 2nd SEPTEMBER, 2022</p> <table border="1" style="width: 100%;"> <tr><td>Dr.M.VENMATHI</td></tr> <tr><td>Dr.ANBARASAN. P</td></tr> <tr><td>Dr.CHAMUNDEESWARI V</td></tr> <tr><td>Dr.JAYARAMA PRADEEP</td></tr> <tr><td>Dr.M ANITHA</td></tr> <tr><td>Dr.N. CHIDAMBARARAJ</td></tr> <tr><td>Dr.NARMADHA T V</td></tr> <tr><td>Dr.RAMESH BABU M</td></tr> <tr><td>Dr.S.SRIDHARAN</td></tr> <tr><td>Dr.T D SUDHAKAR</td></tr> </table>	Dr.M.VENMATHI	Dr.ANBARASAN. P	Dr.CHAMUNDEESWARI V	Dr.JAYARAMA PRADEEP	Dr.M ANITHA	Dr.N. CHIDAMBARARAJ	Dr.NARMADHA T V	Dr.RAMESH BABU M	Dr.S.SRIDHARAN	Dr.T D SUDHAKAR
Dr.M.VENMATHI												
Dr.ANBARASAN. P												
Dr.CHAMUNDEESWARI V												
Dr.JAYARAMA PRADEEP												
Dr.M ANITHA												
Dr.N. CHIDAMBARARAJ												
Dr.NARMADHA T V												
Dr.RAMESH BABU M												
Dr.S.SRIDHARAN												
Dr.T D SUDHAKAR												



Dr.V.KRISHNAKUMAR
Dr.VELMURUGAN P
Mr.A.SADEESH KUMAR
Mr.ARAVINDHAN K
Mr.BALASUBRAMANIAN
Mr.ELANTHIRAYAN R
Mr.H UMESH PRABHU
Mr.HARISH S S
Mr.JEYAPRAKASH N
Mr.NISHANT S
Mr.PRASAD.H
Mr.SIDDHARDHAN R
Mr.SIVAKUMAR S
Mr.SREEKANTH R
Mr.T.SRIANANDA GANESH
Mr.VENKATESH KUMAR C
Ms.R G NIRMALA
Ms.RAMA DEVI C
Ms.S.GOMATHI
Ms.S.P.VEDAVALLI

Dr.V.Krishnakumar successfully completed the course “Robotics” with a consolidated score of 78% by NPTEL  
 Following staff members attended FDP on “Renewable Energy Systems Laboratory” 29/8/22 to 2/9/22

Dr.M.VENMATHI
Ms.S.GOMATHI
Ms.S.P.VEDAVALLI

8.

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

**Guest Lecture on**  
Recent challenges in High voltage Engineering

**RESOURCE PERSON**  
**Prof. R. Sarathi** FIE, FRSC, FIET, FNAE  
Department of Electrical Engineering  
(ESB - 347) IIT Madras

01-10-2022 | 9.00 a.m-10:00am  
for IV Year EEE students

**Chief Patron**  
Dr. B. Babu Manoharan M.A., M.B.A., Ph.D.

**Patrons**  
Mrs. B. Jessie Priya M.Com.,  
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Dean Academics

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Associate Professor / EEE  
Dr. V. Vallinayagam M.Phil., Ph.D.  
Associate Professor / EEE

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PIC: GUEST LECTURE POSTER

St. Joseph's College of Engineering, Department of Electricals and Electronics engineering organized a guest lecture for our III-year & IV year students on the topic "Recent Challenges in High Voltage Engineering" by Dr. R. Sarathi Professor, High Voltage Engineering, IIT Madras, Chennai. on 01-10-2022 between 09.00 A.M to 10.00 A.M. at Library AV Hall.

9.

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Counselling Code : 1317  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
PRESENTS

**TECHNICAL QUIZ**

EXCLUSIVELY FOR 11TH & 12TH STUDENTS

19TH - 24TH SEP 2022

CERTIFICATES WILL BE PROVIDED FOR THE PARTICIPANTS  
Register Here : <https://forms.gle/8IKQgwoHgMBJkhLg8>

**Chief Patron**  
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Chairman, St. Joseph's Group of Institutions

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Dean Research, St. Joseph's College of Engineering  
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PIC: SCHOOL EVENT POSTER

The TECHNICAL QUIZ was organized by Department of Electrical and Electronics Engineering for 06 Days which was held from 19.09.2022 to 24.09.2022. 11th, 12th Standard students and Diploma Students from various schools & Colleges took part in this event. Quiz on various technical topics like KVL & KCL, Electric Field, Magnetic Field, Electronic Devices, Binary Numbers, and Logic Gates to enhance the knowledge of the students.

10.

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**Robotics CLUB**

EXCLUSIVELY FOR

09/09/2022 | 1:40 PM

VENUE-BLOCK 5

**Le ROBOT**

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, 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, 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

**Conveners**  
Dr. Jayarama Pradeep M.E., Ph.D., Professor & Head, Staff Office  
Dr. T.V. Narmadha M.E., Ph.D.,

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

**Student Coordinators**  
DARSINI | BUYAVARAPU NAVEEN | NAVINA | KATHIRAVAN | CHRIS KEVIN | KARTHIK | CHRISTEL PEERIS | PRAVESH CHRISTO | CHARLTON | ISHVARAYA

\*For Admissions: visit [www.stjosephs.ac.in](http://www.stjosephs.ac.in) / [www.stjosephstechnology.ac.in](http://www.stjosephstechnology.ac.in) or contact: +91 995401 0488 / +91 995401 0489

PIC: ROBOTICS CLUB EVENT POSTER

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) Robotics Club organized a technical fun event 'LE ROBOT' on 9<sup>th</sup> September 2022. This exclusive event started at 1.40 pm with all the members of our club. The event started exploring the hidden talent of our students and they were honored with winning certificates for their outstanding contributions during the Event. The event continued with the enthusiasm of our students. The program ended with a photo session.

**WINNERS LIST :**

STUDENTS NAME	YEAR	POSITION
Karthikeyen S Madhavan k Nethaji R	III	I
Madhu malini MK Jeevitha R Linda joice RP Ranking S	III	II
Kavipriya D Kaviya P Keerthana S Malathi M	II	III

11.

**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

**ELECTRICAL CLUB**

Organizes

**ADSAP**

12 SEP  
10:20 | 11:40

Registration link: <https://bit.ly/Adsap>  
Merit Certificates will be provided to the winners

**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.**  
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**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

**Conveners**  
Dr. Jayarama Pradeep M.E., Ph.D., Professor & Head, Staff Office  
Dr. T.V. Narmadha M.E., Ph.D.,

**Staff Coordinators**  
Mr. R.G. NIRMALA M.Phil., Assistant Professor  
Mr. A.Sadeeshkumar M.Tech., Assistant Professor

**Student Coordinators**  
Abhisitha R | Abinaya V | Abinaya B | Dhanaakshmi R | Dhara V | Jeevitha U | Linda Joice R P | Nandi Varadhan Reddy R | Nivas M | Ranjya R | Sagaya Antony Ishwarya T | Shanthi Asha S | Sharan M

\*For Admissions: visit [www.stjosephs.ac.in](http://www.stjosephs.ac.in) / [www.stjosephstechnology.ac.in](http://www.stjosephstechnology.ac.in) or contact: +91 995401 0488 / +91 995401 0489

PIC: ELECTRICAL CLUB EVENT POSTER

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) Electrical Club organized an event "Adsap" on 12<sup>th</sup> September 2022. This exclusive event started at 10.20 am with all the members of our club. The event started exploring the hidden talent of our students and they were honored with e-certificates for their outstanding contributions during the Event. The event continued with the enthusiasm of our students. The program ended with a photo session.

**WINNERS LIST :**

STUDENTS NAME	YEAR	POSITION
Raja Rajan .R Guhan. M Logeshwar.G	III	I
Lokeshwar Reddy K.V Joel Ebinezar Prasanna Kumar. V	III	II
Deepika .U Haripriya.M Darsini.R	III	III



12.

**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

**ANZURES SOUL**  
A Flumoxing Event

WINNERS WILL BE PROVIDED A HARDCOPY CERTIFICATE

1:00pm-3:00pm

**FOR 3<sup>rd</sup> YEARS**

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

on 29<sup>th</sup> SEPTEMBER 2022

**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. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D.  
Principal, St. Joseph's College of Engineering  
Dr. V. Vallinayagam M.Sc., M.Phil., Ph.D.  
Dean Student Affairs, St. Joseph's College of Engineering

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

**Coordinators**  
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 DHIVANESHP MUKUNTHASRI.R AMIRTHA VARSHINI.M  
RANJANIS ABINAYA PRIYA.R.A VISHNU PRIYAS HARRY JAKINS KAVIYA.P SIVA MALAVAN.E.S RAMYAR.R

\*For Admissions: visit [www.stjosephs.ac.in](http://www.stjosephs.ac.in) or contact: +91 99401 04881 / +91 99401 04892

PIC: SAC EVENT POSTER

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) Social Awareness Club organized a grand Talent Exposing Competition "ANZURES SOUL" on October 1, 2022. This exclusive Competition started at 12:20 P.M. with all the members of Our Club. The event started Exploring the Talent of our Students and they were honored with awards and certificates for their outstanding contributions during the Event. The celebration continued with enthusiastic for our students. The program ended with a photo session.

**WINNERS LIST :**

STUDENTS NAME	YEAR	POSITION
Arish Kumar M Gokul A	III - A	I
Ruthiharshan R Venkatesh V	III - C	II
Shyfullah P.M Shyam Sundar J	III - C	III

13.

**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

**CRYPTIX**  
A Funistic Event

WINNERS WILL BE PROVIDED A HARDCOPY CERTIFICATE

10.20AM-11:40AM

**FOR 2<sup>nd</sup> YEARS**

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

on 06<sup>th</sup> SEPTEMBER 2022

**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. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D.  
Principal, St. Joseph's College of Engineering  
Dr. V. Vallinayagam M.Sc., M.Phil., Ph.D.  
Dean Student Affairs, St. Joseph's College of Engineering

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

**Coordinators**  
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 DHIVANESHP MUKUNTHASRI.R AMIRTHA VARSHINI.M  
RANJANIS ABINAYA PRIYA.R.A VISHNU PRIYAS HARRY JAKINS KAVIYA.P SIVA MALAVAN.E.S RAMYAR.R

\*For Admissions: visit [www.stjosephs.ac.in](http://www.stjosephs.ac.in) or contact: +91 99401 04881 / +91 99401 04892

PIC: ELECTRICAL CLUB EVENT POSTER

St. Joseph's College of Engineering, (Electrical & Electronics Engineering) Electrical club organized a grand Talent Exposing Competition "CRYPTIX" on 29 SEPT ,2022. This exclusive Competition started at 10:20 A.M. with all the members of Our Club. The event started Exploring the Talent of our Students and they were honored with awards and certificates for their outstanding contributions during the Event. The celebration continued with enthusiastic for our students. The program ended with a photo session.

**WINNERS LIST :**

STUDENTS NAME	YEAR	POSITION
KAILASH I RAGUL D	II-B	I
SHEEBA GRACE A SHAMRUTHA J A	II-C	II
AKSHARA D ADIRAI D	II-A	III



14.



PIC: ISTE EVENT GROUP PHOTO

St. Joseph's ISTE Student Chapter from the Department of Electrical & Electronics Engineering organized a splendid Skill Revealing Competition "**EGG HEAD**" on September 15<sup>th</sup> 2022 This competition began at 1 p.m. with all of 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 and the program concluded with a photo section.

**WINNERS LIST :**

STUDENTS NAME	YEAR	POSITION
Aruna devi& Deepika	III-A	I
Sumanth & Satheeshwar	III-C	II
Sivanathan & shyfullah	III-C	III

15.



PIC: STUDENT WITH TROPHY

Our student Hema K EEE III A Sec won third place in Table Tennis Women's organized by Seetharaman & Lakshmiammal Memorial Trophy, State Level Inter Engineering Tournament-2022 held at Sri Sairam Engineering College, Chennai from 29/09/2022 To 30/09/2022.

16.



PIC: STUDENT WITH TROPHY

Our student SHRESHTH TARUN MUKUND IV year EEE C won cash price of Rs 10,000/- and GOLD medal in SYED AMMAL STATE LEVEL INTER COLLEGIATE VOLLEYBALL TOURNAMENT organized by SYED AMMAL COLLEGE held at RAMANATHAPURAM from 7/10/2022 to 09/10/2022.

17.



PIC: STUDENT WITH TROPHY

Our student THIKSHITHA .B II EEE C won GOLD medal in BADMINTON WOMEN'S organized by SEETHARAMAN & LAKSHMIAMMAL MEMORIAL TROPHY, STATE LEVEL INTER ENGINEERING TOURNAMENT-2022 held at SRI SAIRAM ENGINEERING COLLEGE, CHENNAI from 29/09/2022 to 30/09/2022.

18.



PIC: ISTE EVENT GROUP PHOTO

St. Joseph's ISTE Student Chapter from the Department of Electrical & Electronics Engineering organized a splendid Skill Revealing Competition "ORIGAMI" on SEPTEMBER 23, 2022 This competition began at 1 p.m. with all of 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 and the program concluded with a photo section.

**WINNERS LIST :**

STUDENTS NAME	YEAR	POSITION
SHEEBA GRACE A TRISA M P	II-C	I
SRENITHY M R VINODINI S	II-C	II
KAILASH PRAKASH M	II-B	III

## DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Sl. No.	Title	Detail					
1	Publication/ Patent/Funded project/Awards	<b>S.No</b>	<b>Faculty Name</b>	<b>Date</b>	<b>Publication</b>	<b>Type</b>	<b>Link</b>
		1.	Dr.P.Deepa	27 Aug 2022	Published	Patent	<a href="https://drive.google.com/file/d/1pG_vKPWjonSgt0QUSpYY1TP_jiMLQiBy/view?usp=sharing">https://drive.google.com/file/d/1pG_vKPWjonSgt0QUSpYY1TP_jiMLQiBy/view?usp=sharing</a>

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202241047499 A

(19) INDIA

(22) Date of filing of Application :20/08/2022

(43) Publication Date : 26/08/2022

(54) Title of the invention : A METHOD AND SYSTEM FOR COLLABORATIVE SECURITY KEY GENERATION FOR AD-HOC INTERNET OF THINGS (IOT) NODES

(71)Name of Applicant :

1)Dr.C.S.Boopathi

Address of Applicant :Associate Professor, Department of EEE, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India. Pin Code:603203 Kanchipuram -----

2)Mrs.Jyothi Prasad

3)Ms.Priyanka Koduru

4)Dr.C.Balarengadurai

5)Dr.V.Lokeswara Reddy

6)Mrs.Bingi Manorama Devi

7)Mrs.V.Sudha

8)Dr.P.Deepa

9)Dr.Animesh Kumar Sharma

10)Dr.Chinnala Balakrishna

Name of Applicant : NA

Address of Applicant : NA

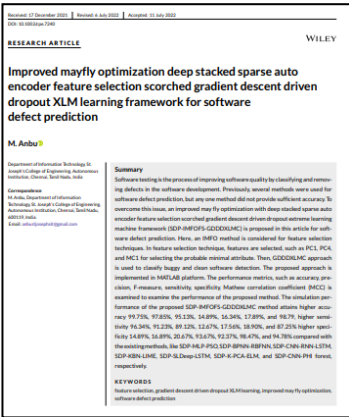

(72)Name of Inventor :


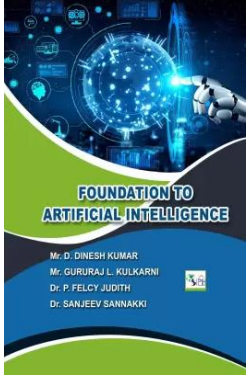
1)Dr.C.S.Boopathi



Address of Applicant :Associate Professor, Department of EEE, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India. Pin Code:603203 Kanchipuram -----



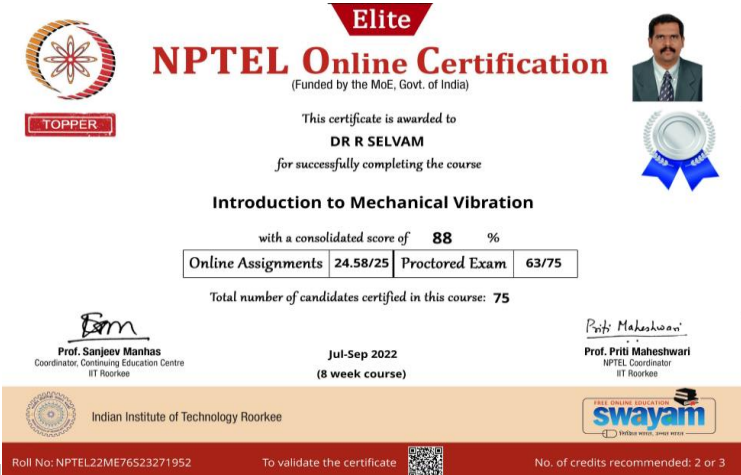


# DEPARTMENT OF INFORMATION TECHNOLOGY

Sl. No.	Photographs Captured During Event	Corresponding remarks in regarding the status of activity execution
1	 <p style="text-align: center;">Author: <b>M. Anbu</b> published a paper in <b>Annexure – I</b>, <b>Impact Factor: 1.831</b></p>	<p style="text-align: center;"><b>Staff Publication</b></p> <p><b>M. Anbu</b>, “Improved mayfly optimization deep stacked sparse auto encoder feature selection scorched gradient descent driven dropout XLM learning framework for software defect prediction”, <i>Concurrency and Computation: Practice and Experience</i>, (Publisher: Wiley, E ISSN:1532-0634), p.e7240, DOI: 10.1002/cpe.7240, Aug 2022. (<b>Impact Factor: 1.831, SCI Extended, Annexure-I</b>).</p> <p><b>Abstract:</b> Software testing is the process of improving software quality by classifying and removing defects in the software development. Previously, several methods were used for software defect prediction, but any one method did not provide sufficient accuracy. To overcome this issue, an improved may fly optimization with deep stacked sparse auto encoder feature selection scorched gradient descent driven dropout extreme learning machine framework (SDP-IMFOFS-GDDDXLMC) is proposed in this article for software defect prediction. Here, an IMFO method is considered for feature selection techniques. In feature selection techniques, features are selected such as PC1, PC4, and MC1 for selecting the probable minimal attribute. Then, GDDDXLMC approach is used to classify buggy and clean software detection. The proposed approach is implemented in MATLAB platform. The performance metrics, such as accuracy, precision, F-measure, sensitivity, specificity, Mathew correlation coefficient (MCC) is examined to examine the performance of the proposed method. The simulation performance of the proposed SDP-IMFOFS-GDDDXLMC method attains higher accuracy 99.73%, 97.82%, 95.23%, 94.89%, 96.34%, 97.89%, and 98.79% higher sensitivity 94.84%, 95.23%, 89.23%, 92.47%, 97.65%, 98.93%, and 97.21% higher specificity 94.89%, 96.89%, 92.47%, 93.47%, 92.37%, 96.47%, and 94.78% compared with the existing methods, the SDP-IMFOFS, SDP-IMFOFS-IMFOFS, SDP-CNN, SDP-IMFOFS-LSTM, SDP-IMFOFS-LSTM, SDP-IMFOFS-LSTM, SDP-IMFOFS-LSTM, and SDP-CNN-PH based, respectively.</p> <p><b>KEYWORDS</b> Feature selection, scorched gradient descent dropout XLM learning, improved may fly optimization, software defect prediction</p>
2	 <p style="text-align: center;">Author: <b>Lilly Raamesh</b> published a paper in <b>Annexure– I</b>, <b>Impact Factor: 5.102</b></p>	<p><b>Lilly Raamesh, S. Radhika, S. Jothi</b>, “A cost-effective test case selection and prioritization using hybrid battle royale-based remora optimization”, <i>Neural Computing and Applications</i>, pp.1-13, <a href="https://doi.org/10.1007/s00521-022-07627-1">https://doi.org/10.1007/s00521-022-07627-1</a>, pp. 1-13, Publisher: Springer, E ISSN: 1433-3058, Print ISSN: 0941-0643, Sep 2022. (<b>Impact Factor 5.102, SCI Extended, Annexure-I</b>).</p> <p><b>Abstract:</b> Due to the reason, that many test cases in the software industry can be reused, selection and prioritizing techniques are essential during the regression and validation testing phases. However, time and project-specific limits must be observed. We present a hybrid optimization strategy to solve test case selection and prioritizing challenges in this research. The proposed method is the hybridization of Battle Royale Optimization (BRO) and Remora Optimization (RO) algorithm, which is named as hybrid Battle Royale-based Remora Optimization (HBR2 O) algorithm. We focus on issues with pseudo-polynomial time complexity and low memory usage, which may be used to tackle problems like selection-prioritization and selection across collections of test suites or test cases. Dynamic programming optimization approaches require a large amount of memory, yet memory is limited. As a result of the decreased memory usage, the selection method includes a larger number of test cases. During the selection of software test cases, the proposed method's effectiveness is validated using multiple state-of-the-art techniques, resulting in improved performance.</p> <p><b>Keywords</b> Test case selection, Prioritization, Selection cost, Battle Royale optimization, Remora optimization algorithm</p>

Sl. No.	Photographs Captured During Event	Corresponding remarks in regarding the status of activity execution
3	 <p>Sanction Order</p>	<p style="text-align: center;"><b><u>Funded Proposal</u></b></p> <p><b>Name of the Investigator: Dr. V. Muthulakshmi</b>  <b>Name of the Agency: AICTE, AQIS, Center for SC/ST</b>  <b>Scheme: Skill Development Programme Center for SC/ST Students</b>  <b>Amount Received: 3,75,600 (2<sup>nd</sup> Installment)</b>  <b>Status: Ongoing</b></p>
4	 <p>Author: <b>D. Dinesh Kumar</b> published a Book entitled <b>“Foundation to Artificial Intelligence”</b></p>	<p style="text-align: center;"><b><u>Book Published</u></b></p> <p><b>Title of Book: Foundation to Artificial Intelligence</b></p> <p><b>Authors:</b></p> <ol style="list-style-type: none"> <li>1. Mr. D. Dinesh Kumar</li> <li>2. Mr. Gururaj L. Kulkarni</li> <li>3. Dr. P. Felcy Judith</li> <li>4. Dr. Sanjeev Sannakki</li> </ol> <p><b>ISBN No: 9789356253711</b></p>

Sl. No.	Photographs Captured During Event	Corresponding remarks in regarding the status of activity execution															
5	 <p style="text-align: center;">FDP Certificate</p>	<p style="text-align: center;"><b>Online FDP Attended by Faculty</b></p> <table border="1" data-bbox="722 342 1986 443"> <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>FDP on Amazon Web services</td> <td>R Kannan</td> <td>Panimalar Engineering college</td> <td>22-8-22 to 27-8-22 ( 6 days)</td> </tr> </tbody> </table>	S.No	Title of the topic	Name of the Staff	Conducted By	Date	1.	FDP on Amazon Web services	R Kannan	Panimalar Engineering college	22-8-22 to 27-8-22 ( 6 days)					
S.No	Title of the topic	Name of the Staff	Conducted By	Date													
1.	FDP on Amazon Web services	R Kannan	Panimalar Engineering college	22-8-22 to 27-8-22 ( 6 days)													
6	 <p style="text-align: center;">Sample Certificate</p>	<p style="text-align: center;"><b>Online certifications</b></p> <p>35 Online certifications have been obtained from some of the reputed online course platforms.</p> <table border="1" data-bbox="961 784 1747 1016"> <thead> <tr> <th>S.No</th> <th>Course Platform</th> <th>No of certifications</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Udemy</td> <td>28</td> </tr> <tr> <td>2</td> <td>Internshala</td> <td>4</td> </tr> <tr> <td>3</td> <td>Outreach and digital Education(IITM)</td> <td>1</td> </tr> <tr> <td>4</td> <td>EduCBA</td> <td>1</td> </tr> </tbody> </table>	S.No	Course Platform	No of certifications	1	Udemy	28	2	Internshala	4	3	Outreach and digital Education(IITM)	1	4	EduCBA	1
S.No	Course Platform	No of certifications															
1	Udemy	28															
2	Internshala	4															
3	Outreach and digital Education(IITM)	1															
4	EduCBA	1															

# DEPARTMENT OF MECHANICAL ENGINEERING

Sl No	Name of the Activity	Remarks				
1	<p>NPTEL Courses</p>  <p><b>Elite</b> <b>NPTEL Online Certification</b> (Funded by the MoE, Govt. of India)</p> <p>This certificate is awarded to <b>DR R SELVAM</b> for successfully completing the course</p> <p><b>Introduction to Mechanical Vibration</b> with a consolidated score of <b>88</b> %</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Online Assignments</td> <td>24.58/25</td> <td>Proctored Exam</td> <td>63/75</td> </tr> </table> <p>Total number of candidates certified in this course: <b>75</b></p> <p>Prof. Sanjeev Manhas Coordinator, Continuing Education Centre IIT Roorkee</p> <p>Jul-Sep 2022 (8 week course)</p> <p>Prof. Priti Maheshwari NPTEL Coordinator IIT Roorkee</p> <p>Indian Institute of Technology Roorkee</p> <p>swayam</p> <p>Roll No: NPTEL22ME76523271952      To validate the certificate       No. of credits recommended: 2 or 3</p>	Online Assignments	24.58/25	Proctored Exam	63/75	<p>Dr.R.Selvam Completed Online NPTEL Course on Introduction to Mechanical Vibration with a Score of 88%</p>
Online Assignments	24.58/25	Proctored Exam	63/75			
2	<p>Online Program Attended:</p>  <p><b>PROJECT CERTIFICATE</b></p> <p>30 Sep, 2022</p> <p><b>LIONUS LEO G M</b> has successfully completed</p> <p>Develop a Company Website with Wix</p> <p>an online non-credit project authorized by Coursera Project Network and offered through Coursera</p> <p><i>Abby Saay</i> Abby Saay Subject Matter Expert Freedom Learning Group</p> <p>Verify at: <a href="https://coursera.org/verify/4AHYPS5464K">https://coursera.org/verify/4AHYPS5464K</a> Coursera has confirmed the identity of this individual and their participation in the project.</p>	<p>Dr.G.M.Lionus Leo completed a Online program on Develop a company Website with Wix by Coursera</p>				



3

**Guest Lecture:**

The College, 119-120 11  
**St. JOSEPH'S COLLEGE OF ENGINEERING**  
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Jeppiaar Educational Trust  
OMR, Chennai - 119.

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CONTRACTS  
28  
"Since 1974"

COUNSELLING CODE: 1317

**DEPARTMENT OF MECHANICAL ENGINEERING**  
*Organised Guest Lecture on*  
**ESSENTIAL OF RENEWABLE ENERGY AND OPPORTUNITIES**

**SPEAKER**  
**DR. K. PUSHPANATHAN**  
DIRECTOR  
TBS ENERGY PRIVATE LIMITED, CHENNAI

**VENUE: BASIL HALL,  
PLACEMENT BLOCK**  
**DATE & TIME: 09.09.2022**  
**FROM 11.00 AM TO 12.00 NOON**

st.josephgroupofinstitutions | \*FOR ADMISSIONS: VISIT [www.stjosephs.ac.in](http://www.stjosephs.ac.in) / [www.stjosephstechnology.ac.in](http://www.stjosephstechnology.ac.in)

Guest Lecture was organized on **Essential of Renewable Energy and Opportunities** on 09.09.22.

## Patents Published:

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2022

(54) Title of the invention : COIR PITH, WASTE STRAW, ACTIVATED CARBON OF DIPLOCYCLOS PALMATUS

(51) International classification :A61P0003040000, C12Q0001688300, C12Q0001480000, G01N0033564000, A61K0038450000

(86) International Application No :NA  
Filing Date :NA

(87) International Publication No :NA

(61) Patent of Addition to Application Number :NA  
Filing Date :NA

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(57) Abstract :

Utilizing coir pith powder, fly ash, and waste straw in combination with activated carbon . made from Diplocyclos palmatus fruits, compressed light-weight porous bricks to treat wastewater from the textile and dyeing industries in order to reduce pollution. Keywords: Textile waste water treatment, activated carbon, Diplocyclos palmatus fruits, fly ash,

No. of Pages : 11 No. of Claims : 5

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(54) Title of the invention : SYNTHESIS, CHARACTERIZATION, ANTICANCER, NLO, AND CORROSION INHIBITION APPLICATIONS OF NOVEL THIAZOL -4-CARBONYL-THIAZOLE-4-CARBOHYDRAZIDE DERIVATIVES

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(57) Abstract :


Synthesis of single crystal thiazole-4-carbonyl-thiazole-4-carbohydrazide for anticancer, nonlinear activity, metal complexes for catalytic activity and corrosion inhibition applications on TIG welded joints. This invention examined multiple fields of applications of the prepared compounds. Keywords: Thiazole derivatives, anticancer activity, NLO property, inhibition, metal \* complexes

No. of Pages : 11 No. of Claims : 4

The Patent Office Journal No. 37/2022 Dated 16/09/2022

58329

## DEPARTMENT OF MATHEMATICS AND ENGLISH

Events	Remarks					
<b>FDP/Workshop/Conference</b>						
	S.No	Name of the Staff	Program Title	National/ International	Organized by	Date
	1	Dr.V.Vallinayagam	Current Trends in Application of Mathematics	International	Vel Tech University, Chennai	14 days 21-09-2022 to 04-10-2022
	2	Dr.K.Sasikala				
	3	Dr.G. Meenadevi				
	4	Dr.G.Purushothaman				
	5	Mr.K.S.Sudhakhar				
	6	Dr.G.Venkat Narayanan				
	7	Mr.C.Sankar				
	8	Ms. D. Arivukkodi				
	9	Mr.S.Manikanda Prabhu				
	10	Mr.S.M.Balaji				
	11	Dr.K.Suresh				
	12	Dr.N.Jose Parvin Praveena				
	13	Mr.K.Suresh				
	14	Dr.P. Agilan				
	15	Dr.S, Arul Amirtha Raja				
	16	Dr.K.Juliet Raja				

A group of 65 students (CSE : 21 , IT : 34, and AML: 10) participated in the Smart Hackathon 2022 (Hackathon National Level) held in various cities all over India. **One team from AML (5 members) won the prize in the Smart Hackathon 2022.**

S.NO	NAME OF THE STUDENT	TEAM NAME	VENUE	EVENT DATE	PLACE & CASH PRIZE
1	Mr. Bharath Kishore	Propellers	Vardhaman College of Engineering Nagarguda, Kacharam, Hyderabad,	23/08/2022 to 28/08/2022,	Joint Winner Rs.50,000/-
2	Mr, Kathir Nilavan				
3	Mr. Suresh				
4	Ms. Keerthana				
5	Ms. Namitha				

Awards/Prize won by students



Publications(only published) details

1. Dr. N. Jose Parveen Praveena , Travelling Salesman problem through fuzzy numbers using dynamic Programming, AIP Publishing, Vol. 2529 (1), page 0200171- 0200179, September 2022. SCOPUS , DOI : <https://doi.org/10.1063/5.0103798>
2. Dr. K.JULIETRAJA, Theoretical Analysis of Superphenalene Using Different Kinds of VDB Indices, Journal of Chemistry, Vol. 2022 (5683644), page 1-10, September 2022. SCIE (WOS), DOI : <https://doi.org/10.1155/2022/5683644>

## DEPARTMENT OF MBA

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



Dr.Jawahar Rani K and Dr. Lekshmi R. S have presented a paper titled “Rural Marketing and Challenges of Entrepreneurs” in International Conference on Re-inventing Business Practices, Startups and Sustainability held on 29 & 30 September 2022 organised by DoMS, SRM Institute o Science and technology in association with University of Nizwa.

Dr.Lakshmi R.S has attended a National Seminar titled “Quality Enhancement Sustenance Measures in Higher Education: Innovation, Trends and Challenges” organised by IQAC Cell – SRM Valliammai Engineering College, Chennai.

Mr.K.Dheenadhayalan & Dr.K.Sampath have participated Two Days Virtual National Seminar on “Atmanirbhar Bharat: Need of the hour for reviving as self reliant amid the pandemic Covid” on 19 & 20 September 2022 organised by College of Management, SRM Institute of Science and Technology, Chennai.

Mr.K.Dheenadhayalan has participated One Week National Level FDP on “National Education Policy” organised by IQAC, St.Peter’s Institute of Higher Education and Research from 19.09.2022 to 25.09.2022.





## DEPARTMENT OF SCIENCE


Sl. No.	Events	Remarks
1	FDP/Workshop/Conference	<p style="text-align: center;"><b><u>Resource person</u></b></p> <p>1. Dr. K. Jayamoorthy has been invited as a resource person and delivered a lecture at the “National level conference on Materials” conducted by AVS College of arts and science, Salem on 20.9.22.</p> <p style="text-align: center;"><b><u>Presented Paper / poster</u></b></p> <p>1. Dr. N.R. Rajagopalan presented a poster in the “National conference on Chemical Sciences for futuristic advancements” conducted by “Easwari Engineering College, Chennai” held from 01.09.22 to 02.09.22</p> <p>2. Ms. S. Savitha, Dr. K. Jayamoorthy, Dr. S. Suresh presented a poster in the “National conference on newer materials for energy and environmental applications” conducted by Annamalai University, Chidambaram held from 22-09-22 to 23-09-22.</p> <p style="text-align: center;"><b><u>Udemy certification</u></b></p> <p>1. Dr. N.R. Rajagopalan completed a certification program on “Chemistry for IIT JEE &amp; NEET” conducted by “Udemy” on 19.9.22.</p> <p style="text-align: center;"><b><u>Participated</u></b></p> <p>1. Dr. S.M. Prakash, Dr. N.R. Rajagopalan, Ms. J. Sharmila, Ms. S. Savitha attended 12 days National FDP on “Current Trends and Innovations in Biological Sciences” conducted by “Chettinad Academy of Research and Education, Kelambakkam, Chennai” from 22.08.22 to 07.09.22.</p> <p>2. Dr. P. Krishnan, Dr. S. Manikandan, Dr. S. Suresh, Mr. S. Kaleel Mohamed</p>

		<p>Ibrahim, Dr. S. Rama, Ms. J. Sharmila, Dr. N. Punitha, Ms. S. Savitha, Dr. A. Arulmozhi, Dr. S. Kiruba, Ms. A. Mahalakshmi, Dr. V. Swarnalatha attended 8 days “International Faculty Development Program on Foremost Frontiers of Material Science” conducted by “Sathyabama Institute of Science and Technology , Chennai” held from 12.09.22 to 20.09.22</p> <p>3. Dr. B. Subash, Dr. S.M. Prakash attended International FDP on “Educator's Role in Promoting Mental Health and Wellness” conducted by “Bharat Institute of Engineering and Technology, Chennai” on 17.09.22</p> <p>4. Dr. V. Swarnalatha, Ms. J. Sharmila, Ms. S. Savitha attended “National conference on newer materials for energy and environmental applications” conducted by “Thiyagarajar College, Madurai” held on 26.9.22</p>
2	<b>Publications(only published) details</b>	<p><b><u>Patent Publication</u></b></p> <p>1. Dr. N.R. Rajagopalan published a patent titled “Using A Fluidic Sensor With Plain Radiography To Track Bone Healing” in the journal issue 36/2022 dated 09.09.22.</p>
3	<b>Other activities(if any)</b>	<p>Department of Science conducted the following online events for school students:</p> <p>1) Pencil art contest – 01.09.22</p>


## DEPARTMENT OF CHEMICAL ENGINEERING

S.No.	Title of the Events and Photographs	Details of the Event
1.	<b>COLLABARATIVE QUALITY INITIATIVES WITH OTHER INSTITUTIONS</b>	-
2.	<b>INDUSTRIAL VISIT</b>  	<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>
3.	<b>AWARDS/PRIZE WON BY STUDENTS</b>  	<p>- Abishek .R, II Year Chemical has participated in Modi Kabaddi League-2022, Held at Sivagangai and awarded as <i>Emerging Young Player of the Tournament</i></p>


## 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.	Industrial Visits, In plant trainings, Internships	<p><b>Industrial Visits</b></p> <ul style="list-style-type: none"> <li>Final Year students visited RMC plant of UltraTech cements on 21<sup>st</sup> September 2022 at <b>Pudupakkam</b>. Staff members accompanied are Dr.Vijai and Ms.Adlin Rose</li> </ul> 
2.	<ul style="list-style-type: none"> <li>FDP/Workshop/Conference attended</li> </ul>	<ul style="list-style-type: none"> <li>Ms.S.Banupriya &amp; Ms.R.Ruthra have attended a workshop titled Advanced Techniques of Bathymetry Survey for Reservoirs and Coastal Projects organized by Hydraulic Instrumentation Division of Central Water and Power Research Station, Pune during 20th – 21st September, 2022.</li> <li>Mr.S.Thangaperumal have attended the Professional</li> </ul>

		<p>Development Programme on “Geographical Information System Applications in Disaster Management” organized by National Institute of Technical Teachers Training and Research (NITTTR) during 12th September to 16th September 2022.</p> <ul style="list-style-type: none"> <li>● Mr.S.P.Senthil Kumar has Completed NPTEL course on Reinforced Concrete Road Bridge with Elite and also it is equivalent to AICTE FDP during September 2022.</li> <li>● ADLIN ROSE R, Participated in the AICTE Recognized Faculty Development Programme on Outcome Based Curriculum Design Conducted by Curriculum Development Centre Department of NITTTR, Chandigarh from 05/09/2022 to 09/09/2022 (One Week) at St. Joseph's College of Engineering Chennai Tamil Nadu</li> </ul>
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3.	<p><b>Symposium</b></p>	<ul style="list-style-type: none"> <li>● Organized a National Level Technical Symposium “RECONIN’22” on Sep 17, 2022 with 134 participants from 22 different colleges in and around Chennai. The prize amount of Rs.30,000/- was distributed for all the five technical event winners.</li> </ul> 
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4.	<p><b>Value added Courses/Courses other than VAC</b></p>	<p>Five days training program on “ <b>Land surveying Using Total Station</b>” conducted for Final year students between 26 th September 2022 to 30th September2022. <b>Ladder Survey Institute of Technology</b> Chennai was the resource Institution.</p> 
5.	<p><b>Awards/Prize won by students</b></p>	<p>III year - Akash A &amp; Kalanithi R - Buzz er - SRM INSTITUTE OF SCIENCE &amp; TECHNOLOGY - FIRST PLACE</p>
6.	<p><b>Publications (only published) details</b></p>	<ul style="list-style-type: none"> <li>● R, Adlin &amp; N, Raahul &amp; D, Nirmal &amp; P, Harini &amp; R, Kiruthika &amp; M, Prem &amp; R, Naresh. (2022). Experimental, Numerical and Microscopic Analysis of Contaminated Clay with Precipitated Silica. Silicon. 10.1007/s12633-022-02078-8. <b>(Web of Science Indexed)</b></li> <li>● Dr.S.Thenmozhi &amp; Dr.V.Gowri published a paper on “Optimizing the parameters of Zirconium Carbide and Rice Husk Ash Reinforced with AA 2618 Composites”, Advances and Material Science and Engineering, Volume 2022. <a href="https://doi.org/10.1155/2022/1962523">https://doi.org/10.1155/2022/1962523</a>. <b>(Web of Science Indexed)</b></li> </ul>
7.	<p><b>Other activities (if any)</b></p>	<p>A <b>memorandum of understanding (MOU)</b> was signed with <b>Ladder Survey Institute Of Technology</b> on</p>

30th September 2022.

