



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.



MAY 2021

DEPARTMENT OF BIOTECHNOLOGY

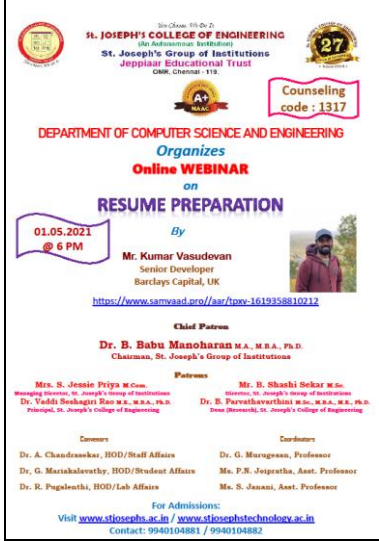
S.No.	Title of the Events and Photographs	Details of the Event
1.	<p style="text-align: center;">STAFF CONFERENCE PRESENTATION</p>  <p style="text-align: center;"><i>Ms. Yuwvaranni copy of certificate</i></p>	<ul style="list-style-type: none"> • Ms. Yuwvaranni S has participated in Virtual Training Program on Small Grant Opportunities for NGOs/Academic Institute organized by Navjivan Center for Development on 9th May, 2021.

DEPARTMENT OF CIVIL ENGINEERING

S.No.	Title of the Events and Photographs	Details of the Event
1	 <p>The poster is for a webinar titled "ORNATE MANDALA" for higher secondary students. It includes the college name, accreditation logos (Cambridge, NBA, AICTE, NIRF, ARIMA), counselling code 1317, and the date 22.05.2021 from 9 AM to 10 AM. It lists things required (A4 sheet, compass, scale, pencil, eraser, black gel pen), a registration link, and names of the chief patron, patrons, convener, and co-ordinators.</p>	<p>Mrs.S.Banupriya, Ms.R.Ruthra & Mr.P.SriBalaji organised the Webinar for Higher Secondary School students titled “ ORNATE MANDALA” on 22.05.2021 during 9 to 10 am. Ms.M.Monisha,B.E Civil Engineering,delivered the webinar. Totally 50 participants from various schools and colleges participated in the webinar. Feedbacks from the participants were collected , it shows participants learnt about the Ornate Mandala. E-certificates were provided to all participants.</p>
2	 <p>The poster is for a "MANDALA ART COMPETITION" for higher secondary students. It includes the college name, accreditation logos, counselling code 1317, and the dates 26.05.2021 to 29.05.2021. It lists the submission email address and names of the chief patron, patrons, convener, and co-ordinators.</p>	<p>Mrs.S.Banupriya, Ms.R.Ruthra & Mr.P.SriBalaji organised“ MANDALA ART COMPETITION” for Higher Secondary and Diploma School students during 26.05.2021 to 29.05.2021.The Mandala Art works were collected and top three artworks were selected and special appreciation certificates were given. We received 25 mandala works from the school students. E-certificates were provided to all participants.</p>

3		<p>Mr.S.P.Senthil Kumar, Ms.R.AdlinRose, Mr.S.Thangaperumalu and Ms.P.Padmapiya organised“ Build Your Crust - Tilt the Time Competition” for Higher Secondary and Diploma School students on 29.05.2021. This competition was conducted to bring out the speaking skills of students. Participation and Appreciation certificates were provided to participants and winners respectively. Special Prizes were ordered and delivered to the respective winner’s residential address.</p>
4	<p>Webinar attended</p>	<p>Ms.S.Banupriya, Mr.P.Sri Balaji and Ms.R.Ruthra have attended the webinar on “From Ready Mix Concrete (RMC) to Ready Made Buildings (RMB)” on 29 ,May 2021 conducted by Ultra Tech CEMENT.</p> <p>Ms.Adlin Rose R attended the webinar on Advances in rapid Construction organized by CSIR-CBRI Roorkee</p>

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Sl. No.	Event with Photo	Description
1	Webinar on Resume Preparation	<p>Date : 01.05.2021 Venue : Online mode Nature of Event : Webinar Name of the Event : Resume Preparation Participants : Students Time : 6.00 PM to 7.00 PM Resource Person : Mr. Kumar Vasudevan Senior Developer, Barclays Capital, UK</p> <p>Objective:</p> <ul style="list-style-type: none"> Learn about the different parts of a resume and their purpose Discover your own unique features and benefits Learn about resume rules and how they affect the development of a resume Learn about different types of resumes and discover the one best suited to develop your own individual resume <p>Outcome: The students are actively participated in the program and they understand how to prepare an effective resume</p>
	 <p>The poster is for an online webinar titled 'RESUME PREPARATION' organized by the Department of Computer Science and Engineering at St. Joseph's College of Engineering. The event is scheduled for 01.05.2021 at 6 PM. The resource person is Mr. Kumar Vasudevan, Senior Developer at Barclays Capital, UK. The poster also lists the Chief Patron, Dr. B. Babu Manoharan, and several Patrons, Deans, and Coordinators from the college.</p>	
2	Guest Lecture on Kick Start the data scientist in you	<p>Date : 24.05.2021 Venue : Online mode</p>



St. JOSEPH'S COLLEGE OF ENGINEERING
 An Autonomous Institution
 St. Joseph's Group of Institutions
 Jesuit Educational Trust
 Old Chennai - 116

Counseling code : 1317
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
 Organizes
Online Guest lecture
 ON
KICK START THE DATA SCIENTIST IN YOU
 By
Ms. M. Hemalatha
 Assistant Professor
 Department of CSE
 Annamalai Engineering College of Engineering
 Chennai
<https://mest.sagepub.com/acs-ase-cse>

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

Patrons
 Mrs. R. Jennie Pilla M.Com. Managing Director, St. Joseph's Group of Institutions
 Dr. Yaddi Seshagiri Rao M.A., M.S.A., Ph.D. Principal, St. Joseph's College of Engineering
 Mr. D. Shanki Sekar M.Sc. Director, St. Joseph's Group of Institutions
 Dr. E. Parvathambal M.Sc., M.A., M.Ph.D. Dean (Research), St. Joseph's College of Engineering

Conveners
 Dr. A. Chandrasekar, HOD/In-Cell Affairs
 Dr. G. Manoharalingam, HOD/In-Cell Affairs
 Dr. E. Puglieschi, HOD/Lab Affairs

Coordinators
 Dr. E. Hemalatha, Associate Professor
 Ms. E. Dalga, Assistant Professor

For Admissions:
 Visit www.sjosephs.ac.in / www.sjosephstechnology.ac.in
 Contact: 09843104881 / 09843104882

Nature of event : Guest Lecture

Topic : Kick Start the data scientist in you

Resource Person : Ms. M. Hemalatha

Asst. Professor,

AMS College of Engg, Chennai


Objective:



- The actual meaning of data scientist varies a lot
- Programming is part of the job, a major part of it
- It's OK not to be a data scientist
- Focus on models which are relevant to the industry

Outcome:

The students are actively participated in the program and they understand how to become a data scientist




DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING




S.No	Events	Remarks	
1	<p style="text-align: center;">FACULTY DEVELOPMENT PROGRAM</p> 	Dr.T.V.Narmadha	Participated AICTE Sponsored Two week Faculty Development Programme on “Electrical Paradigm Shift to Cyber Physical Systems and Contemporary Research in Electrical and Electronics Engineering” organised by Saranathan College of Engineering, Tiruchirapalli held from 03.05.2021 to 15.05.2021.
		Dr. M Ramesh Babu	Participated in a Five days Faculty Development Programme sponsored by IEEE PES, Kolkata Section on “Smart Practices Towards Tomorrow’s Electric Power Paradigm” organised by Department of Electrical Engineering, Gargi Memorial Institute of Technology, Kolkata held from 25.05.2021 to 29.05.2021.
		Mr. C.Venkatesh Kumar	Attended the Six Days Anna University sponsored Online FDP on “EE8353- Electrical Drives and Control” organized by University College of Engineering Ariyalur, Trichy held from 17/05/2021 to 22/05/2021.

		Mr.T.Sriananda Ganesh	<ol style="list-style-type: none"> 1. Participated AICTE Sponsored Two week Faculty Development Programme on “Electrical Paradigm Shift to Cyber Physical Systems and Contemporary Research in Electrical and Electronics Engineering” organised by Saranathan College of Engineering, Tiruchirapalli held from 03.05.2021 to 15.05.2021. 2. Participated 5-days Online Faculty Development Programme on “Innovative Research Prospects in Communication, Power System and Machine Learning Techniques” organized by Jeppiaar Institute of Technology, Chennai held on 17/05/2021& 21/05/2021.
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4	Student Achievement for the month May 2021	STUDENT NAME	EVENT WON
		MARIA ARUL JEFFREY P	Won 2nd Prize in "Paper Presentation" conducted by "Kongu Engineering College"
		KRISHAA P R	Won 2nd Prize in "Paper Presentation" conducted by "Kongu Engineering College"




5	Student Activity for the month May 2021	STUDENT NAME	YEAR	WEBINAR		
		ABISHLAL N S	II	Completed online International event titled "STACK " conducted by IEEE IEM student branch chapter from April 30 th to May 02 2021.		
		ABINAYAA SRI.T	II	Completed STACK by IEEE Kolkata Section from 30 th April to 2nd May		
				Webinar on "Image Dehazing "conducted by Mohamed Sathak A.J.College of Engineering on 28.05.2021		
		JESSE S	II	Attended webinar - STUDENT HUMANITARIAN TECHNOLOGY by IEEE Kerala Section Sight on 1st and 2nd of may		
				Attended webinar on STACK by IEEE Kolkata Section from 30 th April to 2nd May		
		MOHAMED AASHIK S	II	Attended webinar on STACK by IEEE Kolkata Section from 30 th April to 2nd May, Attended webinar on "Image Dehazing "conducted by Mohamed Sathak A.J.College of Engineering on 28.05.2021		
		MANI SHA N	II	Attended webinar on STACK by IEEE Kolkata Section from 30 th April to 2nd May		
		STUDENT NAME	YEAR	ONLINE COURSE		
		ABISHLAL N S	II	Completed a six weeks online trainings course titled " Angular development" conducted by Intern Shala Trainings completed on may 15 th 2021.		




		STUDENT NAME	YEAR	WORKSHOP	
		RAJ IMMANUEL J	II	C programming conducted by SKILLHUB on 1/5/21 to 4/5/21	
		LOGA VIGNESH. S	II	C programming conducted by SKILLHUB on 1/5/21 to 4/5/21	
		JESSE S	II	1.Data Analysis Using Python in association with Pantech E learning on 08-05-2021 and 09-05-2021 2. Role of Electrical engineers in space agency by St Joseph's College of Engineering on 14-05-2021-16-05-2021 3.Startup Entrepreneurship Bootcamp for Idea Stage Entrepreneurs by Sant Gadge Baba Amravati University on 03-05-21 and 4-05-21	
		MANI SHA N	II	Role of Electrical engineers in space agency by St Joseph's College of Engineering on 14-05-2021-16-05-2021	
		ABISHLAL N S	II	Completed online webinar titled "Role of Electrical Engineers in space Agencies " conducted by St.Joseph's IEEE student branch chapter from May 14th to May 16th 2021	
6	INTERNSHIP	STUDENT NAME	FROM DATE- TO DATE	COMPANY NAME	
		MARIA ARUL JEFFREY P	18-04-2021 to 18-05-2021	SUPRAJA TECHNOLOGIES, VIJAYAWADA, ANDRA PRADESH, INDIA	



		MADHUPREETH A S	18-04-2021 to 18-05-2021	SUPRAJA TECHNOLOGIES, VIJAYAWADA, ANDRA PRADESH, INDIA
		KARIN RAMANI A	18-04-2021 to 18-05-2021	SUPRAJA TECHNOLOGIES, VIJAYAWADA, ANDRA PRADESH, INDIA
		KRISHAA.P.R	03-05-2021 to 03-08-2021	EAT MY NEWS
7	 <p>PIC: event poster</p>	<p>Our department organized “Reaching to infinity – A Guide to higher studies and job opportunities in canada” by Mr.Jegnath rengasamy, service desk analyst- Jan martin group, Canada (An alumnus of St.Joseph’s College of Engineering, Department of Electrical and Electronics Engineering 2014-2018) DATE : 30.05.2021 (4 PM – 5PM)</p>		
8	 <p>PIC: event poster</p>	<p>Our department organized an event “Fight Covid” for the classes 6-8 “Drawing competition” on 21 may 2021, for the classes 9-10 “Idea presentation” on 22 & 23 may 2021 and for classes 11, 12 & diploma “Model presentation” on 24 to 26 may 2021</p>		
9	 <p>PIC: event poster</p>	<p>The Six days online Quiz gala programme was conducted on 12th May 2021 to 18th May 2021 from 4.00 pm to 5.00 pm. It was organized by the Department of Electrical and Electronics Engineering for 10, +1, +2 and Diploma Students.</p>		




10	 <p style="text-align: center;">PIC: event poster</p>	<p>Our department organized Winning beyond boundaries – a motivational talk by Mr.A.Ajithkumar B.E., M.S., Business analyst/supply chain analyst – Droppoint, Australia (An alumnus of St.Joseph’s College of Engineering, Department of Electrical and Electronics Engineering 2017 pass out) DATE : 05.05.2021</p>									
11	 <p style="text-align: center;">PIC: event poster</p>	<p>Our department organized Entrepreneur Development program on “ Fashion Designer by Passion – NISP” by Ms. Lathapriyadass B.E., M.B.A., (An alumnus of St.Joseph’s College of Engineering, Department of Electrical and Electronics Engineering 2014 pass out) DATE : 28.04.2021</p>									
12	 <p style="text-align: center;">PIC: event poster</p>	<p>The Six days online Circuit Debugging programme was conducted on 28th April 2021 to 10th May 2021 from 4.00 pm to 5.00 pm. It was organized by the Department of Electrical and Electronics Engineering for +1, +2 and Diploma Students through the REGISTRATION LINK: https://forms.gle/dKYrGTA41bgMqnxWA</p> <p style="text-align: center;">Winners of the Event</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ADD8E6;"> <th colspan="3" style="text-align: center;">DAY 1 : Circuit Debugging on THE EINSTEIN'S</th> </tr> <tr style="background-color: #ADD8E6;"> <th style="width: 10%;">S.No</th> <th style="width: 60%;">NAME OF THE STUDENT</th> <th style="width: 30%;">NAME OF THE SCHOOL/COLLEGE/DIPLOMA</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Rajavel V</td> <td>Thiagarajar polytechnic college, Salem.</td> </tr> </tbody> </table>	DAY 1 : Circuit Debugging on THE EINSTEIN'S			S.No	NAME OF THE STUDENT	NAME OF THE SCHOOL/COLLEGE/DIPLOMA	1	Rajavel V	Thiagarajar polytechnic college, Salem.
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S.No	NAME OF THE STUDENT	NAME OF THE SCHOOL/COLLEGE/DIPLOMA									
1	Rajavel V	Thiagarajar polytechnic college, Salem.									




		2	Sethupathy	St.Lucy's Matric Hr Sec School, Chikkardanahalli
		3	Deepika	RKM Matric Hr Sec School, Chengalpattu.
DAY 2 - Circuit Debugging on SCHOKLEY				
		1	Sethupathy	St.Lucy's Matric Hr Sec School, Chikkardanahalli
		2	Rajesh	RKN Matric Hr Sec School, Chengalpattu
		3	Rajavel V	Thiagarajar polytechnic college, Salem.
DAY 3 – Webinar on IOT				
DAY 4- Circuit Debugging on THE WALTHER				
		1	RAJESH	RKN Matric Hr Sec School, Chengalpattu
		2	DEEPIKA	RKM Matric Hr Sec School, Chengalpattu.
		3	RAJAVEL	Thiagarajar polytechnic college, Salem.
DAY 5 - Circuit Debugging on THE GILBERT				
		1	DEEPIKA	RKM Matric Hr Sec School, Chengalpattu.
		2	RAJAVEL	Thiagarajar polytechnic college, Salem.
		3	ASWANTH RAM J	Rosemary Matric Hr Sec School, Tirunelveli.
DAY 6 – Webinar on E-Vehicle				


13	 <p style="text-align: center;">PIC: event poster</p>	<p>IEEE SJCE SBC conducted a questionnaire event “Saltarizz” on May 8, 2021. About 25 participated in this event. It was conducted through Google meet on 8, May 2021. E-certificates are distributed to the students who had participated in the event. This event indeed helped the participants to answer instantly to the questions raised against them. Winners were awarded with merit certificates and winners were Ms. Harshita (1), Mr.Jeyakrishnan(2), Mr. Jefferd(3). Student Coordinators were Ms.Krishaa PR, Ms. Christel Peeris and Mr.Kavin.</p>
14	 <p style="text-align: center;">PIC: event poster</p>	<p>IEEE SJCE SBC conducted a connection event “Syndesmos” on May 11th, 2021. About 18 participated in this event. It was conducted through Google meet on 11th May 2021. E-Certificates are distributed to the students who had participated in the event. This event indeed helped the participants to visualize and recognize different words. Winners were awarded with merit certificates and the winners were Prasanth Kumar AV (1), Mohammed Irfan (2) and Devika (3). Student Coordinators were Ms. Divya, Ms. Ananya and Ms. Ayesha Parveen.</p>
15	 <p style="text-align: center;">PIC: event poster</p>	<p>IEEE SJCE SBC conducted a group discussion event “Crucigramas” on May 11, 2021. About 20 participated in this event. It was conducted through Google form on 11 May 2021. E-certificates are distributed to the students who had participated in the event. This event indeed helped the participants to learn new words and meanings. Winners were awarded with merit certificates and winners were Ms. Harshita P R (1), Ms. Vishali S (2), Ms. Deborah Helen Bright G (3). Student Coordinators were Ms. Hema Apsara and Mr. Mohan.</p>

16	 <p>PIC: event poster</p>	<p>IEEE SJCE SBC conducted a group discussion event “Palaver” on May 9, 2021. About 10 participated in this event. It was conducted through google meet on May 9, 2021. E-Certificates were distributed to the students who had participated in the event. This event indeed helped the participants to overcome the fear of public speaking. Winners were awarded with merit certificates and winners were Mr. Mahesh (1), Ms. Jayasruthi(2), Mr. Aashiq(3). Student Coordinators were Ms.Denora and Mr. Prasanth kumar.</p>
17	 <p>PIC: event poster</p>	<p>IEEE SJCE SBC conducted a speech competition event “Speakers Forum” on May 13, 2021. About 30 participated in this event. It was conducted through google meet on 13 May 2021. E-Certificates are distributed to the students who had participated in the event. This event indeed helped the participants to overcome the fear of public speaking. Winners were awarded with merit certificates and winners were Ms. Prithika(1), Ms. Harshita(2), Mr. Srikaran(3).</p>
18	 <p>PIC: event poster</p>	<p>IEEE SJCE SBC conducted a event “TALENT HUNT”. About 10 participated in this event. It was conducted through Gmail, the students were asked to shoot a video of their performance and mail the video to us by May 12th, 2021. E-Certificates were distributed to the students who had participated in the event. This event indeed helped the participants to overcome the fear and showcase their talents. Winners were awarded with merit certificates and winners were Mr. K. Karthikeyen (1), Ms. PR. Harshita (2) and Jayashree(3).</p>
19	 <p>PIC: event poster</p>	<p>IEEE SJCE SBC conducted an essay writing competition “RUBESCENCE” in the month of May. About 10 participated in this event. Participants were asked to submit their essays before the 13th of May. This event helped to bring out the writing skills of the students. E-Certificates were distributed to all the</p>


		<p>participants. The winners were awarded with a merit certificate and the winners were Harshita PR (1), Deborah bright (2), and Harshini Joshitha (3).</p>
20	 <p>PIC: event poster</p>	<p>IEEE SJCE SBC conducted a video event “Covideoaware” on May 12th, 2021. About 10 participated in this event. The participants were asked to send the edited videos to the respective mail before 12th May 11.59PM. E-Certificates were distributed to the students who had participated in the event. In this pandemic situation this event indeed helped the participants to obtain awareness on covid 19. Winners were awarded with merit certificates. The winner Were Ms. Harshitha PR. (1), Anjana (2) and Karenina (3).</p>
21	 <p>PIC: event poster</p>	<p>PELS and RAS in association with IEEE SJCE SBC conducted a series of workshops for two days. On the first day of the workshop, Mr. Gokul Krishna and Mr. Dheeraj Ranka joined us. The speakers for the event were welcomed by Ms. Swetha with some of their achievements and academic excellences. Then the session was handed over to Mr. Dheeraj Ranka who explained about the Solar cells, Solar panels and types of panels and how to use the solar panels. The session was then followed by Mr. Gokul Krishna who explained about the designing of the solar panels on the roof and where to be placed. He explained about the software used to design the solar panels. After his detailed explanation both the speakers answered the participant’s queries in a crystal clear manner.</p>



22	 <p>PIC: event poster</p>	<p>PELS and RAS in association with IEEE SJCE SBC conducted a series of workshops for two days. On the second day of the Mr. Daniel Eghbalipourik joined us. The speaker for the event was welcomed by Ms. Abhinaya.M with some of his achievements and academic excellences. Then the session was handed over to Mr.Daniel Eghbalipourik who explained about the robots and enlightened the participants with the software used to program the robots. The importance of robots was explained elaborately by the speaker. The three hour session gave plenty of information about the robotic vision.</p>
23	 <p>PIC: event poster</p>	<p>IEEE SJCE SB conducted an International workshop series that was held for three consecutive days on the topic “Role of Electrical Engineer in Space Agency”. The first day of the event was handled by Mr. Roger Hunter, a renowned Program Manager at NASA. With a 40 year experience in Department of Defense, Commercial, and Government Space Missions he served as a project manager in several US missions and with this unequivocal knowledge he elucidated all the participants on the electrical engineer role in space agencies. He also briefed the participants about the role of NASA in Space missions and what to be expected of the future aspirers in this field. After a detailed session by Mr. Roger, the queries from the participants are answered by Mr. Roger with the help of Mr. Thiruvel. Also at the very end of the session Mr. Roger was given a memento by our Joint Secretary Mr. A.P.Thiruvel.</p>
24	 <p>PIC: event poster</p>	<p>IEEE SJCE SBC conducted a Workshop on ‘ Role of Electrical Engineer in Space Agency’. It was a three day workshop and the second day was handled by ISRO Scientist Mr. Benzigar Rajan who is Senior Scientist in various Missions of ISRO. During the two hours of session, the speaker explained briefly about the role of electrical engineers in various space agencies. Also he explained about some space missions going to be executed by ISRO in future and some precious missions that were successfully carried out in the past. At the end, the speaker motivated the students and gave some ideas related to their future.</p>

25	 <p>PIC: event poster</p>	<p>IEEE SICE SB conducted an International workshop on “Role of electrical engineering in space agency”. The third day of the workshop was presented by Goutam Chattopadhyay s , Senior scientist in NASA, Ex-vice chairperson of kepler's machine. He is an american born indian, senior scientist for various projects in NASA. The speaker gave an astounding presentation about space and the presentation was a virtual tour of rockets and satellites. Throughout the session, the speaker gave every single detail of how electrical engineers play a vital role in rocket science. The audience gained the maximum knowledge of the presentation which was shown by the way the participants raised questions to the speakers.</p>
26	 <p>PIC: paper abstract</p>	<p>Our department staff members Dr.V.Krishnakumar, Dr.P. Anbarasan and Dr.JayaramaPradeep, "Modified Dual Input Dual Output DC-DC converter for Bladeless wind energy harvesting System," 2021 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 2021, pp. 1-6, doi: 10.1109/ATEE52255.2021.9425186. Bucharest, Romania. (Web of Science)</p>
27	 <p>PIC: paper abstract</p>	<p>Our department staff member Dr.Krishnakumar V “Harmonics control of three phase voltage source inverter with random carriers and modified reference” The International Journal of Electrical Engineering & Education. April 2021. (Sage Publication) SCI Indexed Journal doi: 10.1177/0020720921996599.</p>

28	 PIC: participation certification	Our department staff member Dr. T.V.NARMADHA has presented the paper titled Commutation Failure In Converters - A Survey at the International Conference on Intelligent Computing, Smart Communication and Network Technologies-(ICICSCNT 2021) held at R.M.K. Engineering College on 26th and 27 th March-2021.		
29	Placement Details for month May 2021	Reg No	Student Name	COMPANY
312317105084		KARTHICK C	HCL	
312317105108		NIRUBA.R		
312317105118		PRAVEEN K L		
312317105138		SANTHOSH S		
312317105150		S.SRI HARI		
312317105039		DHARANI D	INFOSYS(5LAKH/ANNUM)	
312317105071		JENETHA R		
312317105120		PRIYADARSHNI K		
312317105138		SANTHOSH S		
312317105154		SURENDAR M		




DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING




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				Webinar on "Image Dehazing "conducted by Mohamed Sathak A.J.College of Engineering on 28.05.2021	
		JESSE S	II	Attended webinar - STUDENT HUMANITARIAN TECHNOLOGY by IEEE Kerala Section Sight on 1st and 2nd of may	
				Attended webinar on STACK by IEEE Kolkata Section from 30 th April to 2nd May	
		MOHAMED AASHIK S	II	Attended webinar on STACK by IEEE Kolkata Section from 30 th April to 2nd May, Attended webinar on "Image Dehazing "conducted by Mohamed Sathak A.J.College of Engineering on 28.05.2021	
		MANI SHA N	II	Attended webinar on STACK by IEEE Kolkata Section from 30 th April to 2nd May	
		STUDENT NAME	YEAR	ONLINE COURSE	
		ABISHLAL N S	II	Completed a six weeks online trainings course titled " Angular development" conducted by Intern Shala Trainings completed on may 15 th 2021.	




		STUDENT NAME	YEAR	WORKSHOP	
		RAJ IMMANUEL J	II	C programming conducted by SKILLHUB on 1/5/21 to 4/5/21	
		LOGA VIGNESH. S	II	C programming conducted by SKILLHUB on 1/5/21 to 4/5/21	
		JESSE S	II	1.Data Analysis Using Python in association with Pantech E learning on 08-05-2021 and 09-05-2021 2. Role of Electrical engineers in space agency by St Joseph's College of Engineering on 14-05-2021-16-05-2021 3.Startup Entrepreneurship Bootcamp for Idea Stage Entrepreneurs by Sant Gadge Baba Amravati University on 03-05-21 and 4-05-21	
		MANI SHA N	II	Role of Electrical engineers in space agency by St Joseph's College of Engineering on 14-05-2021-16-05-2021	
		ABISHLAL N S	II	Completed online webinar titled "Role of Electrical Engineers in space Agencies " conducted by St.Joseph's IEEE student branch chapter from May 14th to May 16th 2021	
6	INTERNSHIP	STUDENT NAME	FROM DATE- TO DATE	COMPANY NAME	
		MARIA ARUL JEFFREY P	18-04-2021 to 18-05-2021	SUPRAJA TECHNOLOGIES, VIJAYAWADA, ANDRA PRADESH, INDIA	



		MADHUPREETH A S	18-04-2021 to 18-05-2021	SUPRAJA TECHNOLOGIES, VIJAYAWADA, ANDRA PRADESH, INDIA
		KARIN RAMANI A	18-04-2021 to 18-05-2021	SUPRAJA TECHNOLOGIES, VIJAYAWADA, ANDRA PRADESH, INDIA
		KRISHAA.P.R	03-05-2021 to 03-08-2021	EAT MY NEWS
7	 <p>PIC: event poster</p>	<p>Our department organized “Reaching to infinity – A Guide to higher studies and job opportunities in canada” by Mr.Jegnath rengasamy, service desk analyst- Jan martin group, Canada (An alumnus of St.Joseph’s College of Engineering, Department of Electrical and Electronics Engineering 2014-2018) DATE : 30.05.2021 (4 PM – 5PM)</p>		
8	 <p>PIC: event poster</p>	<p>Our department organized an event “Fight Covid” for the classes 6-8 “Drawing competition” on 21 may 2021, for the classes 9-10 “Idea presentation” on 22 & 23 may 2021 and for classes 11, 12 & diploma “Model presentation” on 24 to 26 may 2021</p>		
9	 <p>PIC: event poster</p>	<p>The Six days online Quiz gala programme was conducted on 12th May 2021 to 18th May 2021 from 4.00 pm to 5.00 pm. It was organized by the Department of Electrical and Electronics Engineering for 10, +1, +2 and Diploma Students.</p>		




10	 <p style="text-align: center;">PIC: event poster</p>	<p>Our department organized Winning beyond boundaries – a motivational talk by Mr.A.Ajithkumar B.E., M.S., Business analyst/supply chain analyst – Droppoint, Australia (An alumnus of St.Joseph’s College of Engineering, Department of Electrical and Electronics Engineering 2017 pass out) DATE : 05.05.2021</p>									
11	 <p style="text-align: center;">PIC: event poster</p>	<p>Our department organized Entrepreneur Development program on “ Fashion Designer by Passion – NISP” by Ms. Lathapriyadass B.E., M.B.A., (An alumnus of St.Joseph’s College of Engineering, Department of Electrical and Electronics Engineering 2014 pass out) DATE : 28.04.2021</p>									
12	 <p style="text-align: center;">PIC: event poster</p>	<p>The Six days online Circuit Debugging programme was conducted on 28th April 2021 to 10th May 2021 from 4.00 pm to 5.00 pm. It was organized by the Department of Electrical and Electronics Engineering for +1, +2 and Diploma Students through the REGISTRATION LINK: https://forms.gle/dKYrGTA41bgMqnxWA</p> <p style="text-align: center;">Winners of the Event</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ADD8E6;"> <th colspan="3" style="text-align: center;">DAY 1 : Circuit Debugging on THE EINSTEIN'S</th> </tr> <tr style="background-color: #ADD8E6;"> <th style="width: 10%;">S.No</th> <th style="width: 60%;">NAME OF THE STUDENT</th> <th style="width: 30%;">NAME OF THE SCHOOL/COLLEGE/DIPLOMA</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Rajavel V</td> <td>Thiagarajar polytechnic college, Salem.</td> </tr> </tbody> </table>	DAY 1 : Circuit Debugging on THE EINSTEIN'S			S.No	NAME OF THE STUDENT	NAME OF THE SCHOOL/COLLEGE/DIPLOMA	1	Rajavel V	Thiagarajar polytechnic college, Salem.
DAY 1 : Circuit Debugging on THE EINSTEIN'S											
S.No	NAME OF THE STUDENT	NAME OF THE SCHOOL/COLLEGE/DIPLOMA									
1	Rajavel V	Thiagarajar polytechnic college, Salem.									




		2	Sethupathy	St.Lucy's Matric Hr Sec School, Chikkardanahalli
		3	Deepika	RKM Matric Hr Sec School, Chengalpattu.
DAY 2 - Circuit Debugging on SCHOKLEY				
		1	Sethupathy	St.Lucy's Matric Hr Sec School, Chikkardanahalli
		2	Rajesh	RKN Matric Hr Sec School, Chengalpattu
		3	Rajavel V	Thiagarajar polytechnic college, Salem.
DAY 3 – Webinar on IOT				
DAY 4- Circuit Debugging on THE WALTHER				
		1	RAJESH	RKN Matric Hr Sec School, Chengalpattu
		2	DEEPIKA	RKM Matric Hr Sec School, Chengalpattu.
		3	RAJAVEL	Thiagarajar polytechnic college, Salem.
DAY 5 - Circuit Debugging on THE GILBERT				
		1	DEEPIKA	RKM Matric Hr Sec School, Chengalpattu.
		2	RAJAVEL	Thiagarajar polytechnic college, Salem.
		3	ASWANTH RAM J	Rosemary Matric Hr Sec School, Tirunelveli.
DAY 6 – Webinar on E-Vehicle				


13	 <p>PIC: event poster</p>	<p>IEEE SJCE SBC conducted a questionnaire event “Saltarizz” on May 8, 2021. About 25 participated in this event. It was conducted through Google meet on 8, May 2021. E-certificates are distributed to the students who had participated in the event. This event indeed helped the participants to answer instantly to the questions raised against them. Winners were awarded with merit certificates and winners were Ms. Harshita (1), Mr.Jeyakrishnan(2), Mr. Jefferd(3). Student Coordinators were Ms.Krishaa PR, Ms. Christel Peeris and Mr.Kavin.</p>
14	 <p>PIC: event poster</p>	<p>IEEE SJCE SBC conducted a connection event “Syndesmos” on May 11th, 2021. About 18 participated in this event. It was conducted through Google meet on 11th May 2021. E-Certificates are distributed to the students who had participated in the event. This event indeed helped the participants to visualize and recognize different words. Winners were awarded with merit certificates and the winners were Prasanth Kumar AV (1), Mohammed Irfan (2) and Devika (3). Student Coordinators were Ms. Divya, Ms. Ananya and Ms. Ayesha Parveen.</p>
15	 <p>PIC: event poster</p>	<p>IEEE SJCE SBC conducted a group discussion event “Crucigramas” on May 11, 2021. About 20 participated in this event. It was conducted through Google form on 11 May 2021. E-certificates are distributed to the students who had participated in the event. This event indeed helped the participants to learn new words and meanings. Winners were awarded with merit certificates and winners were Ms. Harshita P R (1), Ms. Vishali S (2), Ms. Deborah Helen Bright G (3). Student Coordinators were Ms. Hema Apsara and Mr. Mohan.</p>

16	 <p>PIC: event poster</p>	<p>IEEE SJCE SBC conducted a group discussion event “Palaver” on May 9, 2021. About 10 participated in this event. It was conducted through google meet on May 9, 2021. E-Certificates were distributed to the students who had participated in the event. This event indeed helped the participants to overcome the fear of public speaking. Winners were awarded with merit certificates and winners were Mr. Mahesh (1), Ms. Jayasruthi(2), Mr. Aashiq(3). Student Coordinators were Ms.Denora and Mr. Prasanth kumar.</p>
17	 <p>PIC: event poster</p>	<p>IEEE SJCE SBC conducted a speech competition event “Speakers Forum” on May 13, 2021. About 30 participated in this event. It was conducted through google meet on 13 May 2021. E-Certificates are distributed to the students who had participated in the event. This event indeed helped the participants to overcome the fear of public speaking. Winners were awarded with merit certificates and winners were Ms. Prithika(1), Ms. Harshita(2), Mr. Srikaran(3).</p>
18	 <p>PIC: event poster</p>	<p>IEEE SJCE SBC conducted a event “TALENT HUNT”. About 10 participated in this event. It was conducted through Gmail, the students were asked to shoot a video of their performance and mail the video to us by May 12th, 2021. E-Certificates were distributed to the students who had participated in the event. This event indeed helped the participants to overcome the fear and showcase their talents. Winners were awarded with merit certificates and winners were Mr. K. Karthikeyen (1), Ms. PR. Harshita (2) and Jayashree(3).</p>
19	 <p>PIC: event poster</p>	<p>IEEE SJCE SBC conducted an essay writing competition “RUBESCENCE” in the month of May. About 10 participated in this event. Participants were asked to submit their essays before the 13th of May. This event helped to bring out the writing skills of the students. E-Certificates were distributed to all the</p>

		<p>participants. The winners were awarded with a merit certificate and the winners were Harshita PR (1), Deborah bright (2), and Harshini Joshitha (3).</p>
20	 <p>PIC: event poster</p>	<p>IEEE SJCE SBC conducted a video event “Covideoaware” on May 12th, 2021. About 10 participated in this event. The participants were asked to send the edited videos to the respective mail before 12th May 11.59PM. E-Certificates were distributed to the students who had participated in the event. In this pandemic situation this event indeed helped the participants to obtain awareness on covid 19. Winners were awarded with merit certificates. The winner Were Ms. Harshitha PR. (1), Anjana (2) and Karenina (3).</p>
21	 <p>PIC: event poster</p>	<p>PELS and RAS in association with IEEE SJCE SBC conducted a series of workshops for two days. On the first day of the workshop, Mr. Gokul Krishna and Mr. Dheeraj Ranka joined us. The speakers for the event were welcomed by Ms. Swetha with some of their achievements and academic excellences. Then the session was handed over to Mr. Dheeraj Ranka who explained about the Solar cells, Solar panels and types of panels and how to use the solar panels. The session was then followed by Mr. Gokul Krishna who explained about the designing of the solar panels on the roof and where to be placed. He explained about the software used to design the solar panels. After his detailed explanation both the speakers answered the participant’s queries in a crystal clear manner.</p>

22	 <p>PIC: event poster</p>	<p>PELS and RAS in association with IEEE SJCE SBC conducted a series of workshops for two days. On the second day of the Mr. Daniel Eghbalipourik joined us. The speaker for the event was welcomed by Ms. Abhinaya.M with some of his achievements and academic excellences. Then the session was handed over to Mr.Daniel Eghbalipourik who explained about the robots and enlightened the participants with the software used to program the robots. The importance of robots was explained elaborately by the speaker. The three hour session gave plenty of information about the robotic vision.</p>
23	 <p>PIC: event poster</p>	<p>IEEE SJCE SB conducted an International workshop series that was held for three consecutive days on the topic “Role of Electrical Engineer in Space Agency”. The first day of the event was handled by Mr. Roger Hunter, a renowned Program Manager at NASA. With a 40 year experience in Department of Defense, Commercial, and Government Space Missions he served as a project manager in several US missions and with this unequivocal knowledge he elucidated all the participants on the electrical engineer role in space agencies. He also briefed the participants about the role of NASA in Space missions and what to be expected of the future aspirers in this field. After a detailed session by Mr. Roger, the queries from the participants are answered by Mr. Roger with the help of Mr. Thiruvel. Also at the very end of the session Mr. Roger was given a memento by our Joint Secretary Mr. A.P.Thiruvel.</p>
24	 <p>PIC: event poster</p>	<p>IEEE SJCE SBC conducted a Workshop on ‘ Role of Electrical Engineer in Space Agency’. It was a three day workshop and the second day was handled by ISRO Scientist Mr. Benzigar Rajan who is Senior Scientist in various Missions of ISRO. During the two hours of session, the speaker explained briefly about the role of electrical engineers in various space agencies. Also he explained about some space missions going to be executed by ISRO in future and some precious missions that were successfully carried out in the past. At the end, the speaker motivated the students and gave some ideas related to their future.</p>

25	 <p>PIC: event poster</p>	<p>IEEE SICE SB conducted an International workshop on “Role of electrical engineering in space agency”. The third day of the workshop was presented by Goutam Chattopadhyay s , Senior scientist in NASA, Ex-vice chairperson of kepler's machine. He is an american born indian, senior scientist for various projects in NASA. The speaker gave an astounding presentation about space and the presentation was a virtual tour of rockets and satellites. Throughout the session, the speaker gave every single detail of how electrical engineers play a vital role in rocket science. The audience gained the maximum knowledge of the presentation which was shown by the way the participants raised questions to the speakers.</p>
26	 <p>PIC: paper abstract</p>	<p>Our department staff members Dr.V.Krishnakumar, Dr.P. Anbarasan and Dr.JayaramaPradeep, "Modified Dual Input Dual Output DC-DC converter for Bladeless wind energy harvesting System," 2021 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 2021, pp. 1-6, doi: 10.1109/ATEE52255.2021.9425186. Bucharest, Romania. (Web of Science)</p>
27	 <p>PIC: paper abstract</p>	<p>Our department staff member Dr.Krishnakumar V “Harmonics control of three phase voltage source inverter with random carriers and modified reference” The International Journal of Electrical Engineering & Education. April 2021. (Sage Publication) SCI Indexed Journal doi: 10.1177/0020720921996599.</p>

28	 PIC: participation certification	Our department staff member Dr. T.V.NARMADHA has presented the paper titled Commutation Failure In Converters - A Survey at the International Conference on Intelligent Computing, Smart Communication and Network Technologies-(ICICSCNT 2021) held at R.M.K. Engineering College on 26th and 27 th March-2021.		
29	Placement Details for month May 2021	Reg No	Student Name	COMPANY
312317105084		KARTHICK C	HCL	
312317105108		NIRUBA.R		
312317105118		PRAVEEN K L		
312317105138		SANTHOSH S		
312317105150		S.SRI HARI		
312317105039		DHARANI D	INFOSYS(5LAKH/ANNUM)	
312317105071		JENETHA R		
312317105120		PRIYADARSHNI K		
312317105138		SANTHOSH S		
312317105154		SURENDAR M		

DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

Sl. No.	Photographs Captured During Events	Corresponding remarks
1	<p>FDP</p>  <p>JERUSALEM COLLEGE OF ENGINEERING AN AUTONOMOUS INSTITUTION Pollachi, Madurai - 625 008 Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai. Accredited by MCA and MAAI with 'B' Grade</p> <p>DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING</p> <p>CERTIFICATE OF PARTICIPATION</p> <p><i>This Certificate is Presented to</i></p> <p>E.AHILA DEVI St. Joseph's College of Engineering</p> <p>for having participated in AICTE Sponsored Six days Online Short Term Training Program (Phase II)</p> <p>on</p> <p>Electric Mobility: Development, Integration and Design Challenges</p> <p>Organized by Department of Electrical and Electronics Engineering, JCE from 19th April to 24th April 2021</p> <p>Dr. V. Jeyasudha Head - EEE Coordinator</p> <p>Dr. S. Prince Anandha Doss Principal</p> <p>Made for free with Certifyan</p>	<p>Date: 19 April, 2021 to 24 April 2021</p> <p>TOPIC: Electric Mobility Development, Integration and Design Challenges</p> <p>Organizer: Jerusalem College of Engineering, Chennai</p> <p>No. of Participant:02</p>

2

FDP



Date: 21 April, 2021 to 27 April, 2021

TOPIC: Applications of NI Labview Phase3

Organizer: Nagarjuna college of engineering

No. of Participant:01

3

World Record Event



Date: 24 April, 2021 to 25 April 2021

TOPIC: Most users to take an online computer programming lesson in 24 hours

Organizer: GUVI Tech

No. of Participant:01

4

Workshop



Date: 14 May, 2021 to 16 May 2021

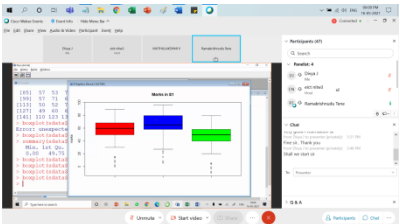
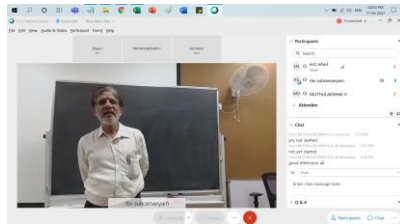
TOPIC: Role of Electrical Engineers in space Agency

Organizer: St. Joseph's college of engineering

No. of Participant:01

DEPARTMENT OF INFORMATION TECHNOLOGY

Corresponding remarks in regarding the status of activity execution

Sl. No.	Photographs Captured During Events	Corresponding remarks in regarding the status of activity execution															
1	  <p style="text-align: center;">Conducted an FDP on Data Science Sponsored by Ministry of Electronics and Information Technology (MeitY), Government of India</p>	<p>Sponsored FDP Organized by Faculty</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 8%;">S.No</th> <th style="width: 18%;">Title of the FDP</th> <th style="width: 18%;">Name of the Coordinators</th> <th style="width: 22%;">Conducted By</th> <th style="width: 10%;">Date</th> <th style="width: 8%;">No. of participants</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td style="text-align: center;">FDP on Data Science</td> <td style="text-align: center;">Dr. V. Muthulakshmi J. Divya</td> <td style="text-align: center;">E & ICT Academy, NIT Warangal in association with St. Joseph's College of Engineering, Chennai (Sponsored by Ministry of Electronics and Information Technology (MeitY), Government of India)</td> <td style="text-align: center;">15-5-21 to 24-5-21 (10 days)</td> <td style="text-align: center;">53</td> </tr> </tbody> </table> <p style="text-align: center; margin-top: 20px;">Amount Sponsored: Rs. 1,10,000</p> <p>Resource Persons Prof. C S Sastry, IIT Hyderabad</p>				S.No	Title of the FDP	Name of the Coordinators	Conducted By	Date	No. of participants	1.	FDP on Data Science	Dr. V. Muthulakshmi J. Divya	E & ICT Academy, NIT Warangal in association with St. Joseph's College of Engineering, Chennai (Sponsored by Ministry of Electronics and Information Technology (MeitY), Government of India)	15-5-21 to 24-5-21 (10 days)	53
S.No	Title of the FDP	Name of the Coordinators	Conducted By	Date	No. of participants												
1.	FDP on Data Science	Dr. V. Muthulakshmi J. Divya	E & ICT Academy, NIT Warangal in association with St. Joseph's College of Engineering, Chennai (Sponsored by Ministry of Electronics and Information Technology (MeitY), Government of India)	15-5-21 to 24-5-21 (10 days)	53												


Dr. T Ramakrishnudu, NITW
 Prof. P Radha Krishna, NITW
 Dr. Sujith Das, NITW
 Dr. M Srinivas, NITW
 Dr. Sushil Kumar, NITW
 Prof. Garimella Ramamurthy, Mahindra University


2 **Online Seminar/ FDP Attended by Faculty**




S.No	Title of the topic	Name of the Staff	Conducted By	Date
1.	Live Webinar on Intellectual Property Rights (IPRs) International Filing Procedures, Policies and IP Laws	Dr. P. Kalaivani	KCG College of Technology, Chennai	26-5-2021
2.	Virtual Training Program on "Small Grant Opportunities for NGOs/Academic Institute	Dr. V. Muthulakshmi G. Lathaselvi	Navjivan Center for Development, Gujarat, India	9-5-2021
3.	FDP on IoT and its Applications Phase III	Dr. D. Logeshwari Dr. P. Kalaivani S. Anitha S. Ancy	AICTE, ISTE sponsored FDP by Department of CSE, Faculty of Engineering and Technology, Annamalai University, Annamalai Nagar.	12-5-2021 to 18-5-2021 (6 days)

		4.	National Webinar on An Introduction to Research Report Writing	S. Ancy	Department of Psychology, Theivanai Ammal College for Women (Autonomous), Villupuram	20-5-2021
3	<p>© The Author(s) 2021. Published by Oxford University Press on behalf of The British Computer Society. All rights reserved. For permissions, please e-mail: journals.permissions@oup.com doi: 10.1093/comjnl/bxab028</p> <p>CWOA: Hybrid Approach for Task Scheduling in Cloud Environment</p> <p>K. PRADEEP¹*, L. JAVID ALI², N. GOBALAKRISHNAN³, C. J. RAMAN³ AND N. MANIKANDAN⁴</p> <p>¹School of Computer Science and Engineering, Vellore Institute of Technology, Chennai, Tamilnada 600 127, India</p> <p>²Department of IT, St. Joseph's Institute of Technology, Chennai, Tamilnada 600 119, India</p> <p>³Department of IT, St. Joseph's College of Engineering, Chennai, Tamilnada 600 119, India</p> <p>⁴Department of CSE, St. Joseph's College of Engineering, Chennai, Tamilnada 600 119, India</p> <p>*Corresponding author: pradeepkrishnanv@gmail.com</p> <p>A cloud computing system typically comprises of a huge number of interconnected servers that are organized in a datacenter. Such servers dynamically cater to the on-demand requests put forward by the clients seeking solutions to their applications through an interface. The scheduling activity concerned with scientific applications is designated under the 'NP hard' problem category since they make use of heterogeneous resources of dynamic capabilities. Recently cloud computing researchers had developed numerous meta-heuristic approaches for providing solutions to the challenges arising in the task scheduling activities. Scheduling of tasks poses a major concern in cloud computing environment. This decreases the efficiency of the system considerably, if not handled properly. Hence, an improvised task scheduling algorithm that enhances the performance of the cloud is needed. There are two factors that affect the cloud environment: service quality and energy usage. To increase the performance in above suggested factors (memory, makespan and energy efficiency), an efficient hybridized algorithm, obtained by integrating the Cuckoo Search Algorithm (CSA) and Whale Optimization Algorithm (WOA), called the CWOA had been proposed in this work. The performance of our proposed CWOA algorithm had been compared with Ant Colony Optimization, CSA and WOA and it was found to produce an improvement of 5.62%, 4.36% and 2.27% with respect to makespan, 16.36%, 19.19% and 13.13% with respect to memory utilization and 19.08%, 19.34% and 16.75% with respect to energy consumption parameters, respectively. Comprehensive results have been tabulated in the result section of this article.</p> <p>Published a paper in The Computer Journal,</p> <p>Co-author:</p>	<p>K. Pradeep, L. Javid Ali, N. Gobalakrishnan, C. J. Raman, N. Manikandan, "CWOA: Hybrid Approach for Task Scheduling in Cloud Environment", The Computer Journal, Section B: Computer and Communications Networks and Systems, doi: 10.1093/comjnl/bxab028, Publisher: Oxford University Press, E ISSN 1460-2067, Print ISSN 0010-4620, 2021 (Annexure I, Impact Factor: 1.077, Science Citation Index Expanded)</p> <p>Abstract: Recently cloud computing researchers had developed numerous meta-heuristic approaches for providing solutions to the challenges arising in the task scheduling activities. Scheduling of tasks poses a major concern in cloud computing environment. This decreases the efficiency of the system considerably, if not handled properly. Hence, an improvised task scheduling algorithm that enhances the performance of the cloud is needed. There are two factors that affect the cloud environment: service quality and energy usage. To increase the performance in above suggested factors (memory, makespan and energy efficiency), an efficient hybridized algorithm, obtained by integrating the Cuckoo Search Algorithm (CSA) and Whale Optimization Algorithm (WOA), called the CWOA had been proposed in this work. The performance of our proposed CWOA algorithm had been compared with Ant Colony Optimization, CSA and WOA and it was found to produce an improvement of 5.62%, 4.36% and 2.27% with respect to makespan, 16.36%, 19.19% and 13.13% with respect to memory utilization and 19.08%, 19.34% and 16.75% with respect to energy consumption parameters, respectively</p>				

<p>4</p>	<p>Turkish Journal of Computer and Mathematics Education Vol.12 No.2 (2021), 420-428 Research Article</p> <p>Data Transmission with Improving Lifetime of Cluster Network</p> <p>Anitha S*, Saravanan S², and Chandrasekar A³</p> <p>A Research Scholar, Department of Computer Science & Engineering, Annamalai University, Annamalai Nagar, TN, India Assistant Professor, Department of Computer Science & Engineering, Annamalai University, Annamalai Nagar, TN, India. Professor, Department of Computer Science and Engineering, St. Joseph's College of Engineering, TN, India.</p> <p>Article History: Received: 11 January 2021; Accepted: 27 February 2021; Published online: 5 April 2021</p> <p>Abstract: The efficiency of selecting the cluster head plays a major role in resolving the complexities faced in network management aiming to improve the longevity of sensors in the network. The clustering process is followed by selecting proper cluster heads with the consideration of energy consumption among participant nodes. While coming to security concept in WSN, the trust based cluster head selection is significant with the assumption of cooperation of all sensor nodes. In view of this assumption, the traditional methods could not help in defining the ideal cluster head of the network. This work proposes Voronoi Clustered Secure Contextual Cryptographic Algorithm (VC-SCCA) by combining Voronoi method for clustering process and cryptographic algorithm for secure data transmission. This is considered as two-tier architecture whereas, clustering takes place in first tier and encryption along with decryption takes place in the second tier. The proposed algorithm is compared with two state-of-art methods such as Secured WSN (SeC-WSN) and Taylor based Cat Salp Swarm Algorithm (Taylor C-SSA) in terms of energy consumption, Packet Delivery Ratio (PDR), network lifetime, encryption time and decryption time. As a result, the proposed VC-SCCA achieves 53.2% of energy consumption, 98.4% of packet delivery ratio, 97.5% of network lifetime, 62.8sec of encryption time and 7.1sec decryption time.</p> <p>Published a paper in Turkish Journal of Computer and Mathematics Education,</p>	<p>S. Anitha, S. Saravanan, A. Chandrasekar,"Data Transmission with Improving Lifetime of Cluster Network". Turkish Journal of Computer and Mathematics Education, Publisher: Karadeniz Technical University, E-ISSN: 13094653, doi.org/10.17762/turcomat.v12i2.827, Vol. 12, No. 2, pp.420-428, April 2021.(Scopus Indexed)</p> <p>Abstract: The efficiency of selecting the cluster head plays a major role in resolving the complexities faced in network management aiming to improve the longevity of sensors in the network. The clustering process is followed by selecting proper cluster heads with the consideration of energy conservation among participant nodes. While coming to security concept on WSN, the trust based cluster head selection is significant with the assumption of cooperation of all sensor nodes. In view of this assumption, the traditional methods could not help in defining the ideal cluster head of the network. This work proposes Voronoi Clustered Secure Contextual Cryptographic Algorithm (VC-SCCA) by combining Voronoi method for clustering process and cryptographic algorithm for secure data transmission. This is considered as two-tier architecture whereas, clustering takes place in first tier and encryption along with decryption takes place in the second tier. The proposed algorithm is compared with two state-of-art methods such as, Secured WSN (SeC-WSN) and Taylor based Cat Salp Swarm Algorithm (Taylor C-SSA) in terms of energy consumption, Packet Delivery Ratio (PDR), network lifetime, encryption time and decryption time.</p>
<p>5</p>	 <p>CERTIFICATE OF GRANT INNOVATION PATENT</p> <p>Patent number: 2021101447</p> <p>The Commissioner of Patents has granted the above patent on 28 April 2021, and certifies that the below particulars have been registered in the Register of Patents.</p> <p>Name and address of patentee(s): Nikhil Marriwala of Assistant Professor, Electronics & Communication Engineering, Department, University Institute of Engineering and Technology, Kanchi Institute of Technology, Kanchi, India Sunita Panda of Assistant Professor, Department of Electrical, Electronics & Communication, Engineering, OJAS School of Technology, OJAS Deemed to be University, Bengaluru, Campus, Karnataka, India A. Tamizhselvi of St. Joseph's college of Engineering, India Anand of Sharma of Mahatma Mahalanobis engineering college, Mulana, India Deepali S. Anarase Jadhav of JEPPIA, Madhavpur Pura Mahaswathi 28 India Snehlata Beriwala of Assistant professor OJA University College, Pondicherry, India Ashu, Gautam of Assistant Prof., Electrical Electronics Engg. O. J. Coenka School of Engineering, India Aarti Sangwan of Manav Rachna University, Faridabad, India Sam Varghese of Assistant Professor, Department of Electronics and Communication, Engineering, Cochin University College of Engineering, Kuttanad, Kerala, India Sudashan B. Shrivastava of Assistant professor, Shaheed Vidyaapeeth College of engineering, Nani Mumbai, India Javed M. M. of Associate Professor, Galgotias, College of Engineering & Technology, Greater Noida, AKTU Lucknow, Lucknow, UP 202002, India Suresh Kumar of Assistant Professor, Galgotias College of Engineering & Technology, Greater Noida, AKTU Lucknow, Lucknow, UP 202002, India Shobhar Singh of Assistant Professor, Maharashtra Institute of Professional Studies, Kanpur, AKTU Lucknow, Lucknow, UP 202002, India</p> <p>Title of invention: A SYSTEM FOR DATA TRANSFER ROUTING IN WIRELESS BODY AREA NETWORK AND A METHOD THEREOF</p> <p>Name of inventor(s): Marriwala, Nikhil; Panda, Sunita; Tamizhselvi, A.; Sharma, Anand; Anarase, Jadhav, Deepali S.; Beriwala, Snehlata; Gautam, Ashu; Sangwan, Aarti; Varghese, Sam; B. Mani; Sudashan, M. Javed; Kumar, Suresh and Singh, Shobhar</p> <p>Term of Patent: Eight years from 21 March 2021</p> <p>Dated this 28th day of April 2021 Commissioner of Patents</p>	<p>Title of the invention : A System for Data Transfer Routing in Wireless Body Area Network and A Method Thereof</p> <p>Name of Inventor :</p> <ol style="list-style-type: none"> 1. Nikhil Marriwala 2. Sunita Panda 3. A Tamizhselvi 4. Avinash Sharma 5. Deepali S Anarase Jadhav 6. Snehlata Beriwala 7. Ashu Gautam 8. Aarti Sangwan 9. Sam Varghese

	<p>Dr. A. Tamizhselvi published a patent entitled “A System for Data Transfer Routing in Wireless Body Area Network and A Method Thereof”</p>	<p>10. Sulakshana B.Mane 11. Javed Miya 12. Suresh Kumar 13. Shekhar Singh Patent Number: 2021101447 Date of filing of Application : 21-3-2021 Publication Date: 28-4-2021</p>										
<p>6</p>	<p>(12) PATENT APPLICATION PUBLICATION (21) Application No.202141011859 A (19) INDIA (22) Date of filing of Application :19/03/2021 (43) Publication Date : 07/05/2021 (54) Title of the invention : MOBILITY MONITORING AND EMERGENCY AID SYSTEM FOR PARKINSON'S DISEASE PATIENT (51) International classification : A61B0005000000, A61B0005100000, G08B0250100000, A61B0005200000, I04W0009000000 (71) Name of Applicant : Dr.G. Annapoorani, Address of Applicant: Department of CSE and IT, University College of Engineering, Anna University, Tiruchanappalli, Tamil Nadu,620024, India Tamil Nadu India (72) Name of Inventor : Dr.G. Annapoorani, Mrs.G. Lathaselvi, Ms.R.Jancykanagajeeva (31) Priority Document No : NA (32) Priority Date : NA (33) Name of priority country : NA (86) International Application No : NA (87) International Publication No : NA (81) Patent of Addition to Application Number : NA (62) Divisional to Application Number : NA (57) Abstract : This invention relates to the Mobility Monitoring and Emergency Aid System for Parkinson's Disease Patient who are in the I, II, III stages. The system comprising of processing unit and accelerometer which are attached using wire from shoe to prototype. The system be attached to both of a Parkinson's Disease Patient and accelerometer is placed on the shoe of the patient. The system also has PIC microcontroller to process the signals collected from the accelerometer to check according to the pre-entitled instructions by analysing the patient's record of Mobility Assessment in Clinical conditions and GSM Mobile to send the Emergency messages according to the pre-entitled instructions. No. of Pages : 16 No. of Claims : 3</p> <p>Mrs. G. Lathaselvi published a patent entitled “Mobility Monitoring and Emergency AID System for Parkinson’s Disease Patient”</p>	<p>Title of the invention : Mobility Monitoring and Emergency AID System for Parkinson’s Disease Patient Name of Inventor : 1. Dr. G. Annapoorani 2. Mrs. G. Lathaselvi 3. Ms. R. Jancykanagajeeva Patent Number: 202141011859 A Date of filing of Application : 19-3-2021 Publication Date: 7-5-2021</p>										
<p>7</p>		<p style="text-align: center;">Online Courses</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Course Name</th> <th>Name of the Staff</th> <th>Conducted By</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Programming in C++</td> <td>Dr. S. Duraimurugan</td> <td>NPTEL</td> <td>Jan – Mar 2021</td> </tr> </tbody> </table>	S. No.	Course Name	Name of the Staff	Conducted By	Date	1.	Programming in C++	Dr. S. Duraimurugan	NPTEL	Jan – Mar 2021
S. No.	Course Name	Name of the Staff	Conducted By	Date								
1.	Programming in C++	Dr. S. Duraimurugan	NPTEL	Jan – Mar 2021								



Certificates received through online Courses

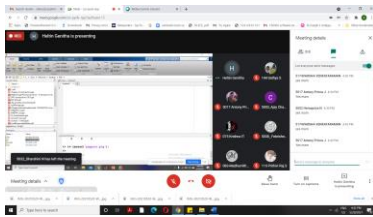
2.	National Initiative for Technical Teachers Training (NITTT-2021)	Kripa Sekaran	Ministry of Education Government of India	Jan- Mar 2021
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CSI activity Report



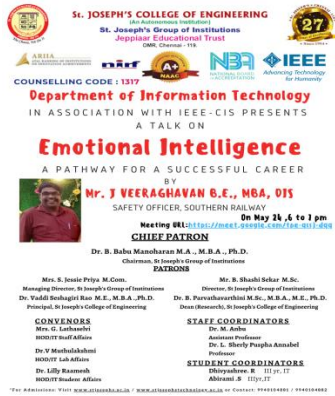
Brochure



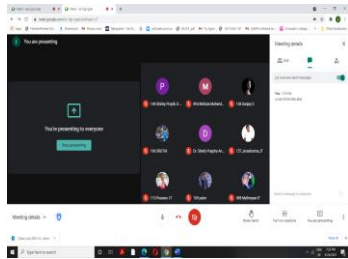
Event Screenshots

S. No.	Name of the Event	Resource Person	Organized by	Date	No of Students Participated Count
1	Introduction to Image Processing	Dr.C.Heltin Genitha Associate Professor /IT	Dr M.Anbu, Dr.S.sumathi	13-5-2021	67
2	Hands on Image Processing Session		Ms.k.Priyadharshini,	20-5-2021	53

9.



Brochure



Event Screenshots

IEEE Activities Report

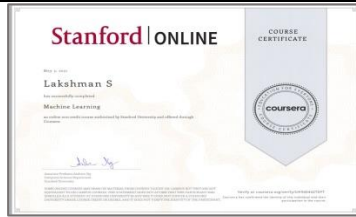
S.No	Name of the Event	Resource Person	Organized by	Date	No of Students Participated Count
1.	Emotional Intelligence (A pathway for a successful career)	Mr.J.VeeraRaghavan B.E.,M.B.A.,DIS Safety Officer, Southern Railway	Dr M.Anbu, Dr.Sherly Puspha Annabel	24-5-2021	116

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STUDENTS ONLINE CERTIFICATION REPORT

Students of IT Department have received certifications from various platforms. Total 60 certifications have been done





S.No	Course Platform	No of certifications
1	Guvi	25
2	ShapeAI	15
3	Cisco	8
4	Coursera	3
5	AWS	2
6	Cognitive Class	1
7	Udemy	1
8	UiPath	1
9	DoD	1
10	PerfectPlanB	1
11	Alison	1
12	Google Developers LaunchPad	1

11	 <p style="text-align: center;">Brochure</p>  <p style="text-align: center;">Event Screenshot</p>	<h3>Coding Club Activities</h3> <table border="1" data-bbox="824 475 2101 1011"> <thead> <tr> <th>S.No</th> <th>Name of the Event</th> <th>Resource Person</th> <th>Organized by</th> <th>Date</th> <th>No of Students Participated</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Webinar Series on Cloud Computing</td> <td>Mr Antony Prince Microsoft Learn Student Ambassador III Year, IT</td> <td>Dr Lilly Raamesh Ms Kripa Sekaran,</td> <td>15-5-2021 & 22-5-2021</td> <td>156</td> </tr> </tbody> </table>						S.No	Name of the Event	Resource Person	Organized by	Date	No of Students Participated	1	Webinar Series on Cloud Computing	Mr Antony Prince Microsoft Learn Student Ambassador III Year, IT	Dr Lilly Raamesh Ms Kripa Sekaran,	15-5-2021 & 22-5-2021	156
S.No	Name of the Event	Resource Person	Organized by	Date	No of Students Participated														
1	Webinar Series on Cloud Computing	Mr Antony Prince Microsoft Learn Student Ambassador III Year, IT	Dr Lilly Raamesh Ms Kripa Sekaran,	15-5-2021 & 22-5-2021	156														

DEPARTMENT OF MECHANICAL ENGINEERING

Sl No	Name of the Activity	Remarks
1	Journals Published	<ul style="list-style-type: none"> ➤ N Arunkumar, N Sathishkumar, SS Sanmugapriya, R Selvam., Study on PLA and PA thermoplastic polymers reinforced with carbon additives by 3D printing process. Materials Today: Proceedings. Elsevier. Publication Date - 20/05/2021. Scopus Indexed.
2	Conference Attended	<ul style="list-style-type: none"> ➤ N.Sathishkumar, L.Balamurugan, N.Arunkumar, A.S.M.Udayakumar, S.B.Rhisai Padmanabhan. Investigation on Mechanical Properties of Basalt-Kevlar-Glass Fiber Reinforced Epoxy Composites. International Conference on Advances in Materials and Manufacturing ICAMM - 2021 (Virtual Mode). 16-05-2021. Completed the Review Process (To be published in next month) Journal Name: AIP Conference Proceedings. Publisher: American Institute of Physics. Indexing: Scopus Indexed. ➤ N.Sathishkumar, K.Pravinkumar, N.Arunkumar, J.Mariyappan, S.B.Rhisai Padmanabhan. Optimization of Mechanical Properties on FDM Made Copper Electroplated Polyethylene Terephthalate Glycol Parts. International Conference on Advances in Materials and Manufacturing ICAMM - 2021 (Virtual Mode). 16-05- 2021. Completed the Review Process (To be published in next month) Journal Name: AIP Conference Proceedings. Publisher: American Institute of Physics. Indexing: Scopus Indexed. ➤ N.Sathishkumar, R.Elakkiyadasan, P.Manojkumar, R.Rangaraja, B.Rhisa Padmanabhan. Optimization of Mechanical Properties on FDM Made Copper Electroplated Polyethylene Terephthalate Glycol Parts. International Conference on Advances in Materials and Manufacturing

		<p>ICAMM - 2021 (Virtual Mode). 16-05-2021.Completed the Review Process (To be published in next month) Journal Name:AIP Conference Proceedings. Publisher: American Institute of Physics. Indexing:Scopus Indexed.</p>
<p>2</p>	 <p>CERTIFICATE OF PARTICIPATION MISRIMAL NAVAJEE MUNOTH JAIN ENGINEERING COLLEGE <small>OWNED AND MANAGED BY TAMILNADU EDUCATIONAL AND MEDICAL TRUST A JAIN MINORITY INSTITUTION</small> <small>APPROVED BY AICTE, CSE, EEE, ECE, MECH & IT - PROGRAMMES ACCREDITED BY NBA, NEW DELHI. ALL PROGRAMMES RECOGNIZED BY THE GOVERNMENT OF TAMILNADU AND AFFILIATED TO ANNA UNIVERSITY, CHENNAI. GURU MARUDHAR KESARI BUILDING, 10TH NAGAR, RAJIV GANDHI SALAI (OMR), THORAPAKKAM, CHENNAI - 600 097.</small></p> <p>This is to certify that Mr. G. KASIRAJAN, Assistant Professor of St. JOSEPH'S COLLEGE OF ENGINEERING has participated in the six days online STTP Phase - II on "Vibration Analysis and Measurements" organized by the Department of Mechanical Engineering from 03.05.2021 to 08.05.2021.</p> <p><i>Jm</i> Dr. J. Nithyanandam Professor & Head</p> <p><i>I. I. W</i> Dr. C. Chandrasekar Christopher Principal</p>	<ul style="list-style-type: none"> ➤ Mr.G.Kasirajan attended STTP on Vibration Analysis and Measurements organized by MNM Jain Engineering College from 03/05/21 to 08/05/21 ➤ Mr.M.Ganesh attended STTP on Vibration Analysis and Measurements organized by MNM Jain Engineering College from 03/05/21 to 08/05/21
	 <p>CERTIFICATE OF PARTICIPATION MISRIMAL NAVAJEE MUNOTH JAIN ENGINEERING COLLEGE <small>OWNED AND MANAGED BY TAMILNADU EDUCATIONAL AND MEDICAL TRUST A JAIN MINORITY INSTITUTION</small> <small>APPROVED BY AICTE, CSE, EEE, ECE, MECH & IT - PROGRAMMES ACCREDITED BY NBA, NEW DELHI. ALL PROGRAMMES RECOGNIZED BY THE GOVERNMENT OF TAMILNADU AND AFFILIATED TO ANNA UNIVERSITY, CHENNAI. GURU MARUDHAR KESARI BUILDING, 10TH NAGAR, RAJIV GANDHI SALAI (OMR), THORAPAKKAM, CHENNAI - 600 097.</small></p> <p>This is to certify that Mr. GANESH M, Assistant Professor of St. Joseph's College of Engineering has participated in the six days online STTP Phase - II on "Vibration Analysis and Measurements" organized by the Department of Mechanical Engineering from 03.05.2021 to 08.05.2021.</p> <p><i>Jm</i> Dr. J. Nithyanandam Professor & Head</p> <p><i>I. I. W</i> Dr. C. Chandrasekar Christopher Principal</p>	



➤ Mr.A.Ruskin Bruce participated in the Refresher programme on Welding Process and NDT Evaluation organized by Institute of Technology and management Universe, Vadodara

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➤ This Program was specifically conducted for school students in which various competitions like Kavithai, Essay Writing, Drawing was conducted. This program focussed on bringing awareness on the on going pandemic situation corona among the Students. It also helped students in exhibiting their skills and sharing of their ideas to be safe in this situation.

4

St. JOSEPH'S COLLEGE OF ENGINEERING
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Department of Mechanical Engineering proudly organizes

Computer Aided Drafting for Engineering Aspirants
(Specially to suit for +1, +2 & Diploma Students)

Unleash the barriers & Start now

05/05/2021
Wednesday
4 - 5:30pm

AUTODES AUTOCAD

Certificate for all effective participants

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Patron: Mrs. S. Jessie Priya, M.Com.
Dr. Vaidi Seshagiri Rao, M.E., M.B.A., Ph.D.
Dr. S. Arunkumar, M.E., Ph.D.
Mr. S. S. Rajasekar, M.E., Ph.D.
Mr. P. Prabhakaran, M.E., Ph.D.

An Eye opener program was conducted on 05/05/2021, Wednesday for the school students on Computer aided drafting to give them a idea on how computers are being used in various engineering fields in drawing diagrams and creating models. Drawing concepts and importance of engineering for school students was also emphasised.

5

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Cambridge nif NBA A+ ARILA

COUNSELLING CODE : 1317

DEPARTMENT OF MECHANICAL ENGINEERING PRESENTS

Buds to Blossom

Alumini Talk Series # 02

ON 29/05/2021, 04:30 PM - 05:30PM

Mr. R. LAKSHMINARAYANAN GRADUATE ENGINEER TRAINEE VESTAS
Mr. NIVED CION ASSOCIATIVE ENGINEER L&I Technology Services

Registration link: <https://forms.gle/Njwv41Y2MA35rNn7>

Exclusively for 12th Standard, Diploma & Engineering College Students

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

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

Dr. B. Parvathavarthani, M.E., Ph.D. Dean - Research, St. Joseph's College of Engineering

Dr. S. Arunkumar, M.E., Ph.D. Head / Student Affairs, St. Joseph's College of Engineering


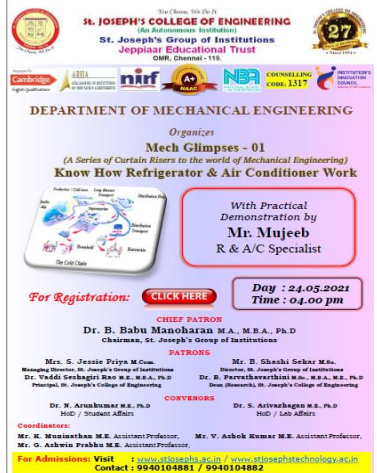
Dr. S. Arivudhagan, M.E., Ph.D. Head / Lab Affairs, St. Joseph's College of Engineering

Faculty Coordinator: Mr. G. Ravirajan, M.E. (Ph.D.) Assistant Professor

Student Coordinator: Manoj Alai (Second Year) +919449122482

For Admissions : Visit Us : www.stjosephs.ac.in / www.stjosephstechnology.ac.in
Contact : 9940104001 / 9940104002

Alumni students gave a brief talk to the students about the placement opportunities and to get themselves prepare for the interviews. they shared their experience in work environment

<p>6</p>		<p>This Program was organised on 26.05.2021 which poured many tips to be healthy by following a well balanced diet in this pandemic situation.</p>
<p>7</p>		<p>A webinar to explain how refrigerator and air conditioner works was explained to the participants</p>

You Know, We Do It

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DEPARTMENT OF MECHANICAL ENGINEERING
Organizes A Webinar on

Career Opportunity after 12th standard



Dr. P. Krishnan M.Sc., B.Ed., M.Phil., Ph.D.
Assistant Professor,
Department of Physics,
St. Joseph's College of Engineering.

For Registration: [CLICK HERE](#) **Day : 25.05.2021**
Time : 04.00 pm

CHIEF PATRON
Dr. B. Babu Manoharan M.A., M.B.A., Ph.D
Chairman, St. Joseph's Group of Institutions

PATRONS

<p>Mrs. S. Jessie Priya M.Com. Managing Director, St. Joseph's Group of Institutions</p> <p>Dr. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D Principal, St. Joseph's College of Engineering</p>	<p>Mr. B. Shashi Sekar M.Sc. Director, St. Joseph's Group of Institutions</p> <p>Dr. B. Parvathavarthini M.Sc., M.B.A., M.E., Ph.D Dean (Research), St. Joseph's College of Engineering</p>
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CONVENORS

<p>Dr. N. Arunkumar M.E., Ph.D HOD / Student Affairs</p>	<p>Dr. S. Arivazhagan M.E., Ph.D HOD / Lab Affairs</p>
---	---

Coordinators:
Mr. K. Muninathan M.E. Assistant Professor, **Mr. V. Ashok Kumar** M.E. Assistant Professor,
Mr. G. Ashwin Prabhu M.E. Assistant Professor,

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

On 25.05.2021, Career guidance program for the school students was organised to make them choose the correct field to shine in the future.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

1. Events Conducted

The following are the events conducted during May 2021 at National/International Level

1. Webinar on "Student to Entrepreneurial Journey"
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Report

You Choose, We Do It

St. JOSEPH'S COLLEGE OF ENGINEERING
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St. Joseph's Group of Institutions
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Organizes
Webinar on

Student to Entrepreneurial Journey
(For ECE Students)

Mr. Joshua Gerard B.E., PGDBA, PGDHRM,
Chief Operating Officer at TATTI,
Entrepreneur & Social Activist.

12th May, 2021
4pm to 5pm

For registration:
<https://bit.ly/3ujg2YL>

E-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. 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. Director, St. Joseph's Group of Institutions
Dr. B. Parvathavarthini M.Sc., M.B.A., M.E., Ph.D. Dean (Research), St. Joseph's College of Engineering

Convenors
Dr. B. Victoria Janasee M.E., Ph.D. HOD - Staff Affairs
Dr. S. Aghalya M.E., Ph.D. HOD - Student Affairs
Dr. P. Eshilaesvi M.E., Ph.D. HOD - Lab Affairs

Co-ordinators
Dr. J. Sivakumar M.E., Ph.D. Associate Professor
Dr. A. M. Balaraman M.E., Ph.D. Associate Professor

Student Co-ordinators
Vignesh .D III Year
Srinathi .J II Year
Rhagud .D III Year
Rajagopalan .V.G II Year

*For Admissions: Visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or Contact: 9940104081 / 9940104082

A webinar for ECE Students on “**STUDENT TO ENTREPRENEURIAL JOURNEY**” was organized by the Department of ECE on **12-05-2021 at 5.00 pm IST**. The aim of this webinar is to make students aware about start-up and entrepreneurship, to encourage and motivate them for entrepreneurship, which will boost their inner urge for becoming self-employed in future.

Mr. Joshua Gerard B.E., PGDBA., PGDHRM Chief Operating Officer at TATTI Chennai an alumni of ECE 2009 batch was the speaker.

Student from second and third year participated in the session. The session addressed with grass root knowledge about the ways to start up with innovative ideas which are demanded in market and the strategies to convert ideas into business. The session also focused on the importance of entrepreneurship and the potential area to start a business with ample of illustrations and discussion. Various factors that include skills, abilities, financial support, infrastructure required for a startup were also discussed. Queries from participants were addressed at the end of the presentation.

From the **feedback** it was observed that this webinar was very much **useful and informative** and in future many such webinars may be organized which will boost their inner urge for becoming self-employed in future, to be job creator rather than job seeker. E-Certificate was issued to all the participants


2. School Event- VOLPIX

Report


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

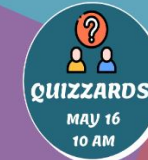
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
in association with
OSA STUDENT CHAPTER
PRESENTS
VOLPIX
FOR THE STUDENTS OF
CLASS 8, 9, 10, 11, 12




LOGO RUSTLE
MAY 15
10 AM



ZAPDOS
MAY 15
4 PM



QUIZZARDS
MAY 16
10 AM



TANGRAM
MAY 16
4 PM

E - Certificates
will be provided
for all participants <https://forms.gle/52AXFfyfSuTcdK88>

FREE REGISTRATION

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

Patrons

<p>Mrs. S. Jessie Priya M.Com. Managing Director, St. Joseph's Group of Institutions</p> <p>Dr. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D. Principal, St. Joseph's College of Engineering</p> <p>Convenors</p> <p>Dr. B. Victoria Jancee M.E., Ph.D. HOD - Staff Affairs</p> <p>Dr. S. Aghalya M.E., Ph.D. HOD - Student Affairs</p> <p>Dr. P. Ezhilarasi M.E., Ph.D. HOD - Lab Affairs</p>	<p>Mr. B. Shashi Sekar M.Sc. Director, St. Joseph's Group of Institutions</p> <p>Dr. B. Parvathavarthini M.Sc., M.B.A., M.E., Ph.D. Dean (Research), St. Joseph's College of Engineering</p> <p>Co-ordinator</p> <p>Dr. B. Vasudevan M.E., Ph.D. Associate Professor</p> <p>Student Co-ordinators</p> <p>Harish Namasivayam M +91 7358840228</p> <p>Giridharan B +91 9790433671</p>
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*For Admissions : Visit www.stjosephs.ac.in / stjosephstechnology.ac.in or Contact : 9940104881 / 9940104882

A Memorable competition which have been conducted in 4 arenas for the school students of class 8th,9th,10th,+1,+2 on the topic “VOLPIX”. It was organized by the Officers and Members of OSA STUDENT CHAPTER, St. Joseph’s college of engineering on using Google meet platform in 15th&16th May2021 at morning 10.00A.M and evening 4.00P.M. The competitive 4 Events was organized by Mr. Harish Namashivayam (President), Mr. Giridharan(vise president), Mrs. Niranjana devi(secretariate), Mr. Tharun Prasath(treasurer),Mrs.Shriya Mukundan(publicity officer) and Mr. Sethuraman (Event Manager) of OSA STUDENT CHAPTER, ECE Department, St. Joseph’s College of Engineering. More than 90 school students of various school were participated in each of the four competitions on the topics Logo Rustle, Zapdos, Quizzards and Tangram. The student who had participated in one event can participate in other competition also. The competition is based on TECHNICAL side of electronics which has been conducted in KAHOOT(<https://kahoot.it/>) platform. We have collected feedbacks from them. Then the competition was end by encouraging the participants to join the upcoming OSA STUDENT CHAPTER events. These full event was monitored by Dr.B.Vasudevan Coordinator of OSA student chapter ,ECE department ,St. Joseph’s college of engineering. Every participant where provided by the participated certificate and the winners where given merit certificate and prices according to their position.

3. Webinar on “Applications of MATLAB”

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
IN ASSOCIATION WITH
IEEE STUDENT BRANCH CHAPTER
ORGANISES
WEBINAR ON APPLICATIONS OF MATLAB

Dr. B. Ezhilavan B.E., M.B.A.
Managing Director,
VEI Technologies, Chennai.

18TH MAY 2021
04:30 – 06:00 PM

FOR REGISTRATION:
<https://bit.ly/2Q1bBTw> **E 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. S. Jessie Priya M.Com.,
Managing Director, St. Joseph's Group of Institutions
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HOD – Student Affairs
Dr. P. Ezhilarasi M.E., Ph.D.
HOD – Lab Affairs

COORDINATORS
Dr. R. Avudalammal M.E., Ph.D.
Professor
Mr. K. Venkatesan M.E., (Ph.D.)
Assistant Professor

STUDENT COORDINATORS
Vignesh D IIIrd year 'C'
Rajagopalan V G IInd year 'C'

ADMISSIONS: Visit www.stjosephs.ac.in / stjosephstechnology.ac.in **or Contact:** 9940104881 / 9940104482

The student chapter of *Institute of Electrical and Electronic Engineers*, St. Joseph's College of Engineering, organized a very beneficial webinar in which all the IEEE members of the Electronics and Communication Department participated and made the session a great success.


The guest lecture was inaugurated, on behalf of IEEE student chapter advisors, by **Dr. R. Avudiammal, M.E., Ph.D.** and **Mr. K. Venkatesan, M.E., (Ph.D.)**. The member of IEEE Student Branch Chapter **Ms. P. M. Swetha** gave the welcome address and **Ms. G. Preethi** provided the quick glimpse on the fame of IEEE over the years and provided the citation of the invited speaker **Dr. Ezhilavan, B.E., M.B.A. Managing Director, VEI Technologies.**

Dr. Ezhilavan, serves as the Managing Director of the VEI Technologies. He has been a provided a great no. of successful webinars in his career and enlightened the knowledge of students with his vast experience. He was awarded with a doctorate by the GLOBAL PEACE UNIVERSITY (GAF, USA) on 2nd Oct, 2018 for doing enormous social activities by VEI Technologies during the period of 2013-2018.

		<p>Throughout the session, he has enlightened the students with various applications and various tools provided by the MATLAB. He made the students understand the purpose and application of MATLAB by stating out practical examples.</p> <p>The entire event was more informative to the students and the speaker also made the session very interactive. A great knowledge transfer has bloomed as the result of the session. Besides explaining his thoughts on MATLAB, he also gave many real-life examples that transformed the life of many engineers and inspired the crowd. He also clarified the doubts of the students with his remarkable explanatory.</p> <p>Total Number of Active Participants: 58</p> <p>“All is well that ends well”. The session concluded with the vote of thanks by Ms. V.V. Srinivedhini.</p>	
		<p>A Memorable competition which have been conducted in 4 arenas for the school students of class 8th,9th,10th,+1,+2 on the topic “VOLPIX”. It was organized by the Officers and Members of OSA STUDENT CHAPTER, St. Joseph’s college of engineering on using Google meet platform in 15th&16th May2021 at morning 10.00A.M and evening 4.00P.M. The competitive 4 Events was organized by Mr. Harish Namashivayam</p>	

		<p>(President), Mr. Giridharan(vice president), Mrs. Niranjana devi(secretariate), Mr. Tharun Prasath(treasurer),Mrs.Shriya Mukundan(publicity officer) and Mr. Sethuraman (Event Manager) of OSA STUDENT CHAPTER, ECE Department, St. Joseph's College of Engineering. More than 90 school students of various school were participated in each of the four competitions on the topics Logo Rustle, Zapdos, Quizzards and Tangram. The student who had participated in one event can participate in other competition also. The competition is based on TECHNICAL side of electronics which has been conducted in KAHOOT(https://kahoot.it/) platform. We have collected feedbacks from them. Then the competition was end by encouraging the participants to join the upcoming OSA STUDENT CHAPTER events. These full event was monitored by Dr.B.Vasudevan Coordinator of OSA student chapter ,ECE department ,St. Joseph's college of engineering. Every participant where provided by the participated certificate and the winners where given merit certificate and prices according to their position.</p>	
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Guest Lecture



The College 164-06-21
St. JOSEPH'S COLLEGE OF ENGINEERING
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St. Joseph's Group of Institutions
Jeppiaar Educational Trust
Chennai - 110.

Counselling Code: 1317

DEPARTMENT OF MBA
Proudly Presents
Online Guest Lecture
On
Prepare Yourself for the Corporate World

Guest Speaker
Mr. S. Anandhan
Head, Human Resource, KPN Form Fresh Pvt. Ltd.

Meeting Link:
<https://meet.google.com/lyk-nwgg-twc>

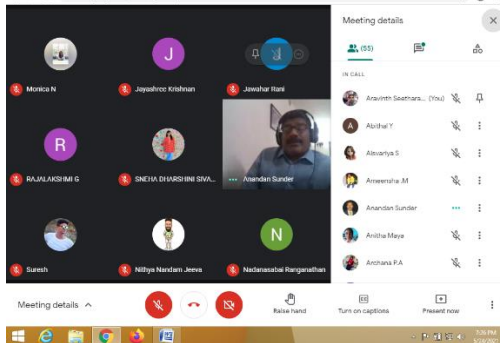
Day : 24-05-2021
Time : 07:00 p.m.

CHIEF PATRON
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Chairman, St. Joseph's Group of Institutions

PATRONS
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Mr. B. Shashi Selvar M.Sc. Director, St. Joseph's Group of Institutions
Dr. B. Praveen Kumar M.Sc., M.A., M.A., Ph.D. Dean (Research), St. Joseph's College of Engineering

CONVENORS
Dr. Jayasree Kesavan M.B.A., Ph.D.
Head, Department of MBA, St. Joseph's College of Engineering

For Admissions: Visit: www.stjosephscollege.ac.in / www.stjosephstechnology.ac.in (or)
Contact : 9940104881 / 9940104882



Department of MBA, Organized the guest lecture which was held on 24th of May 2021 on the topic "**Prepare yourself for the Corporate World**". Mr. S Anandan Head- Human Resource KPN Farm Fresh, was the guest speaker of this lecture. He gave us a very clear view to face the Corporate World. In his speech, he explained everything about how we should face the future and handle it. He also politely explained to our doubts and helped us to get over our confusions. The whole session was really a helpful one to all of us and we are really grateful to Mr. S Anandan who took his time to clear our student's doubts. Around 100 students participated in this session.

DEPARTMENT OF SCIENCE

Sl. No.	Events	Remarks
3	FDP/Workshop/Conference	<p>Lecture delivered:</p> <p>1. Dr. P. Krishnan delivered a special lecture in the “Webinar on Carrier opportunity after 12th standard” conducted by “St. Joseph’s College of Engineering, Chennai” on 25.05.21.</p> <hr/> <p>1. Dr. K. Jayamoorthy, Dr. S. Rama, attended National level webinar on “Synthesis of Nanocomposite materials and recent applications” conducted by “JP College of Arts and Science, Thenkasi” on 10.05.21.</p> <p>2. Dr. S. Rama attended a National FDP on “Outcome Based Education – Attainment of PO-CO & Mapping (OBE-APCM)” conducted by “A.P.C. Mahalaxmi College for Women, Thoothukudi” on 10.05.21.</p> <p>3. Dr. K. Jayamoorthy attended a National level webinar on “ Nonlinear dynamical systems and its applications” conducted by “Theivanai Ammal College for Women, Villupuram” on 17.05.21.</p> <p>4. Dr. N. Punitha, Dr. S. Kiruba, Ms. A. Mahalakshmi, Dr. P. Krishnan attended an International conference on “Sustainable Materials & Technologies for Bio and Energy Applications -(SMTBEA 2021)” conducted by “SSN College of Engineering, Chennai” from 19.05.21 to 21.05.21</p> <p>5. Dr. S. Rama attended an International conference on “Light-Matter Interaction (IC-LMIN-2021)” conducted by “IGCAR ,Kalpakkam ” from 19.05.21 to 21.05.21.</p> <p>6. Dr. P. Krishnan attended a National level webinar on “Intellectual property rights” conducted by “AMET University , Chennai” from 25.05.21 to 26.05.21.</p> <p>7. Dr. K. Sathesh Kumar attended a National level webinar on “Fundamentals of Nano materials and its Applications to Science and Engineering” conducted by “CSI College of Engineering -Ooty” on 29.05.21.</p> <p>8. Dr. A. Uma Devi attended a webinar on “Agile Methodology” conducted by “Nadar</p>

		Saraswathi College of Engineering and Technology, Theni” on 29.05.21.
4	Symposium	-
5	STTP	<p>1. Ms. A. Mahalakshmi attended a National level STTP on “Emerging trends in nanomaterials for electronic and optoelectronic devices – Series I” conducted by Swanrandra college of engineering and technology, Kakinada from 10.05.21 to 15.05.21</p> <p>1. Dr. S. Kiruba , Ms. A. Mahalakshmi and Dr. P. Krishnan attended a National level STTP on “Emerging trends in nanomaterials for electronic and optoelectronic devices – Series II” conducted by Swanrandra college of engineering and technology, Kakinada from 17.05.21 to 22.05.21</p> <p>2. Dr. S. Kiruba attended a National level STTP on “Fabrication & Characterisation of Optoelectronic & Photonic Devices - Series - III” conducted by Swanrandra college of engineering and technology, Kakinada from 24.05.21 to 29.05.21</p>
6	Value added Courses/Courses other than VAC	-
7	Competitions attended by students	<p>1. Ms. U. Jamuna , I EEE – B participated in the “Takshashila-2021 – 60 to victory competition” conducted by “Chennai Institute of Technology, Chennai “ from 17.5.21 to 21.5.21</p> <p>2. Mr. M. Mohanasanthosh , I EEE – B participated in the “Takshashila-2021 – Battle of rocks competition” conducted by “Chennai Institute of Technology, Chennai “ from 17.5.21 to 21.5.21.</p> <p>3. Mr. M. Nivas , I EEE – B and Mr. P.R. Gopu, I EEE-A participated in the “Takshashila-2021 – Snap shot competition” conducted by “Chennai Institute of Technology, Chennai “ from 17.5.21 to 21.5.21.</p> <p>4. Ms. J. Natanya Ida Susana , I Chemical and Ms. S. Jothika , I EEE – B participated in the “Takshashila-2021 – Rhapsody event” conducted by “Chennai Institute of Technology, Chennai “ from 17.5.21 to 21.5.21.</p>
10	Publications(only published) details	1. Dr. N.R. Rajagopalan, Contemporary studies on growth and characterization of Magnesium doped γ -glycine – A potential optoelectronic NLO material, Journal of Molecular structure, 1240 (2021) 130593.

