



You Choose, We Do It

St. JOSEPH'S COLLEGE OF ENGINEERING

(An Autonomous Institution)

St. Joseph's Group of Institutions
 Jeppiaar Educational Trust

OMR, Chennai - 119.



AUGUST 2021

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. Events Conducted:

The event conducted during the month of August 2021 at International Level

OSA Student Chapter Event: MIND FEST

St. JOSEPH'S COLLEGE OF ENGINEERING
 (An Autonomous Institution)
 St. Joseph's Group of Institutions
 Jeppiaar Educational Trust
 OMR, Chennai - 119
 COUNSELLING CODE : 1317

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 In association with
OSA STUDENT CHAPTER
 PRESENTS

MIND FEST
 BUSINESS INNOVATION - PAPER PRESENTATION

For registration
<https://forms.gle/MytXNqabwZULbbqzS>

AUGUST 21
5:00 PM

E-Certificates will be provided

- Maximum of 2 members per team
- Participants can choose any theme
- PPT template shall be provided
- Presentation duration is 7 mins maximum
- Abstracts submission is not needed

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

Convenors

Dr. B. Victoria Janicee 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

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

Co-ordinator
 Dr. B. Vasudevan M.E., Ph.D.
 Associate Professor

Student Co-ordinators

Mr. Harish Namashivayam M +91 7358840228

Mr. Giridharan B +91 9790433671

Ms. Niranjana devi J +91 9940620025

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

Report

An Interdepartmental Business Paper Presentation “MINDFEST” was organized by the department of ECE in association with the OSA student chapter on **21.08.2021**. A Google meet held between 4.00 PM and 6.00 PM. The **EVENING** started with the welcome speech followed by the rules and regulation of the event. There were **6** Teams of 2 members each. Each Team include the students from **the department of ECE, Joseph's college of engineering**. This Business paper presentation event provided an opportunity to showcase one's talent and innovative thinking of solution for different problems and statements. The whole event was monitored and judged by Dr.B.Vasudevan Co-Ordinator of OSA STUDENT CHAPTER and Mr. Harish Namashivayam President of OSA STUDENT CHAPTER. “The Primers” team secured the 1st place, “Speranza” team secured the 2nd place and “Adventure” team secured the 3rd place. Cash prizes with their merit E- Certificate were provided to the top 3 teams. For the participants, **Certificate** were issued. Thus the event concluded with a vote of thanks followed by encouraging all the participants to join the upcoming event of the OSA STUDENT CHAPTER and showcase their talent. Remarkable feedback includes that the event was so interesting and excellent.

2. Workshop/Certificate Course:

The following staff member have attended the Workshop/Certificate Course held during August 2021 at National/International Level

S.No	Name of the Staff	Title of the Workshop / Course	Organization	Duration	Date of Completion
1.	Dr. J Martin Leo Manickam	Introduction to Embedded Machine Learning	COURSERA - International	3 weeks	8.6.2021
2.	Dr. I. Johnsi Stella	Faculty Workshop on Embedded Systems - An Application-Driven Approach	Online(Arm Education, AICTE and STMICROELECTRONICS are Organizers) ATAL	3 days	25.08.2021 to 27.08.2021
3.	Dr. P. Latha	Faculty Workshop on Embedded Systems - An Application-Driven Approach	Online(Arm Education, AICTE and STMICROELECTRONICS are Organizers) ATAL	3 days	25.08.2021 to 27.08.2021
4.	Mrs. E. Malarvizhi	Faculty Workshop on Embedded Systems - An Application-Driven Approach	Online(Arm Education, AICTE and STMICROELECTRONICS are Organizers) ATAL	3 days	25.08.2021 to 27.08.2021

3. FDP attended:

The following staff member have attended the FDP held during August 2021 at International Level

S.No	Name of the Staff	Title of the FDP	Organization	Duration	Date of Completion
1.	Dr. J Martin Leo Manickam	Data Science	IIT Kanpur	Two weeks	5.7.21 to 16.7.21

4. Publications:

The following staff members have published the research papers during August 2021 in Conference/Journal at National / International Level

S. No.	Name of the Author	Paper Title	Name of the Conference/Journal	Publication Details	Date of Publication
1.	<i>Dr.B Victoria Jancee</i>	Secured Header Authentication Design using Time Competent HMAC for Optical Burst Switched Networks	6 th International Conference on Communication and Electronics Systems (ICCES)	-	2.08.2021
2.	<i>Mrs. P.Thenmozhi</i>	Leukemia Blood Cancer Detection Using MATLAB	Turkish Journal of Physiotherapy and Rehabilitation	Scopus/ ESCI Indexed vol 32,issue 3,page no.10257-10261	August 2021

3.	Dr.R.Parthasarathy	A novel asymmetrical interdigital coupled line-based penta-band bandpass filter design with enhanced selectivity employing square complementary split ring resonator	International Journal of RF and Microwave Computer Aided Engineering	Early View , https://doi.org/10.1002/mmce.22888	August 2021
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5. Webinars:

The following staff member have attended Webinar held during August 2021 at International Level



S. No.	Name of the Staff	Title of the Webinar	Organization	Event Date
1.	Dr. J Martin Leo Manickam	Autonomous Vehicles: Past and Present	PSG Institute of Technology and applied research	5.6.2021

6. Awards:




TamilNadu Students Innovator Award 2020:

Student Details	Project Title	Mentor Details	Prize Amount
   V Sanjay Kumar K R Vishnuvardhan T Sai Harini	ROBOCOP- Night Surveillance Robot	Dr. P. Ezhilarasi HOD(Lab Affairs) - ECE Dr. S. RajeshKannan Associate Professor- ECE	Rs. 1,00,000

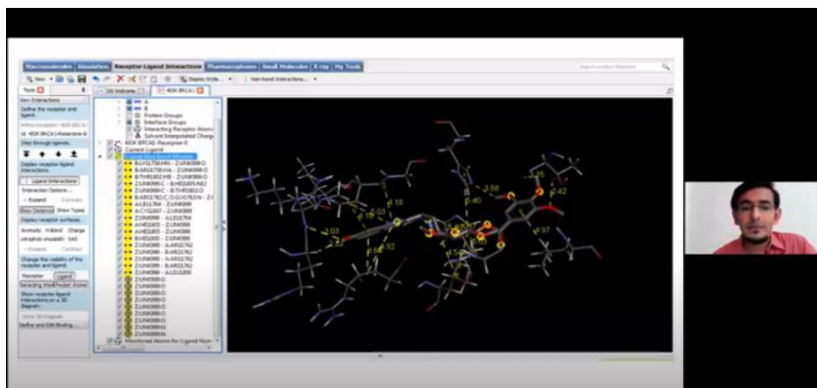
7. Student Funded Project Sanctioned:

Student Details	Project Title	Mentor Details	Prize Amount	Funded by
  V Sanjay Kumar K. Sriram	ROBOCOP- AI Based Surveillance Robot	Dr. S. RajeshKannan Associate Professor-ECE	Rs. 3,95,000	AI & Robotics Technology Park , IISc, Bangalore.

DEPARTMENT OF BIOTECHNOLOGY

S.No.	Title of the Events and Photographs	Details of the Event
1.	<p>FDP</p>  <p style="text-align: center;"><i>Copy of FDP Brochure</i></p>  <p style="text-align: center;"><i>Welcome address by Dr. Justin</i></p> 	<p style="color: red; font-weight: bold; font-size: 1.2em;">FIVE DAYS ONLINE ATAL FDP</p> <p style="text-align: center;">On</p> <p style="color: red; font-weight: bold; font-size: 1.2em;">“Molecular Modeling and <i>In-Silico</i> Drug Designing”</p> <p style="font-weight: bold; font-size: 1.1em;">23/08/2021 to 27/08/2021</p> <p>AICTE sponsored 5 days FDP was conducted from 23/08/2021 to 27/08/2021. In which around 158 participants were registered and 104 participants attended successfully from different parts of our nation. The speakers for the 5-day workshop on “Molecular Modeling and <i>In-Silico</i> Drug Designing” were from well known industries and educational institutions, have shared their experience in this area. The inauguration was held on 23rd August 2021 online at 09:30 am. Chief Guest of the program was Dr. Mukesh Doble, Professor, IIT, Chennai. Inauguration was started with the lighting of lamp, by the chief guest. The various sessions for all the 5 Days were systematically arranged and experts from different institutions shared their knowledge with case study demonstrations. The valedictory function was held on 27/08/2021, the valedictory function was concluded with the national anthem. Some screenshots of the inaugural function, few sessions and the valedictory function are given as below.</p>

Inauguration by Head of the Department, Dr. G. Sreekumar



Screen capture of Speaker Presentation

AWARDS/PRIZE WON BY STUDENTS

2.



Ms. Nvietha ISTE Best Stduent Award

Ms. Nivetha A R from 2017-2021 batch has received award from Indian Society for Technical Education Tamilnadu Section as “ISTE Best Student Award” for her overall performance in the academic, extracurricular and the involvement in the ISTE chapter activities.

3.

INDUSTRIAL PROJECTS DONE BY STUDENTS

-

PUBLICATIONS(ONLY PUBLISHED) DETAILS

Environmental Research 203 (2022) 111815



Contents lists available at ScienceDirect

Environmental Research

journal homepage: www.elsevier.com/locate/envres



Advancements in heavy metals removal from effluents employing nano-adsorbents: Way towards cleaner production

Janani R.^a, Baskar Gurunathan^{a,*}, Sivakumar K^b, Sunita Varjani^{c,**}, Huu Hao Ngo^d, Edgard Gnansounou^e

^a Department of Biotechnology, St. Joseph's College of Engineering, Chennai, 6000119, India

^b Department of Biotechnology, KarpagaVinayaga College of Engineering and Technology, Chinnai Kolambakkam, 603300, Tamilnadi, India

^c Ouzarat Pollution Control Board, Gandhinagar, 502 010, India

^d Centre for Technology in Water and Wastewater, School of Civil and Environmental Engineering, University of Technology Sydney, Sydney, NSW, 2007, Australia

^e Bioenergy and Energy Planning Research Group, Ecole Polytechnique Fédérale de Lausanne, 1015 Lausanne, Switzerland

Dr. Baskar copy of publication



Journal of Biomolecular Structure and Dynamics



ISSN: (Print) (Online) Journal homepage: <https://www.tandfonline.com/loi/01bd24>

Machine learning modeling to identify affinity improved biobetter anticancer drug trastuzumab and the insight of molecular recognition of trastuzumab towards its antigen HER2

Nataraj Balakrishnan, Gurunathan Baskar, Sathyanarayan Balaji, Malathi Kullappan & Surapaneni Krishna Mohan

To cite this article: Nataraj Balakrishnan, Gurunathan Baskar, Sathyanarayan Balaji, Malathi Kullappan & Surapaneni Krishna Mohan (2021): Machine learning modeling to identify affinity improved biobetter anticancer drug trastuzumab and the insight of molecular recognition of trastuzumab towards its antigen HER2, Journal of Biomolecular Structure and Dynamics, DOI: 10.1080/07391102.2021.1961866

To link to this article: <https://doi.org/10.1080/07391102.2021.1961866>

Dr. Baskar copy of publication

4.

- Janani R., **Baskar Gurunathan**, Sivakumar K, Sunita Varjani, Huu Hao Ngo, Edgard Gnansounou. 2021. Advancements in heavy metals removal from effluents employing nano-adsorbents: Way towards cleaner production, Environmental Research, 203 (2022) 111815, (IF 5.715).

- Nataraj Balakrishnan, **Gurunathan Baskar**, Sathyanarayan Balaji, Malathi Kullappan & Surapaneni Krishna Mohan, 2021. Machine learning modeling to identify affinity improved biobetter anticancer drug trastuzumab and the insight of molecular recognition of trastuzumab towards its antigen HER2. Journal of Biomolecular Structure and Dynamics, <https://doi.org/10.1080/07391102.2021.1961866>,



The IJA is a peer-reviewed open-access, electronic journal, freely available without charge to users
Produced by the AquacultureHub non-profit Foundation
Sale of IJA papers is strictly forbidden



Haematological parameters of *Cyprinus carpio* with reference to probiotic feed: A machine learning approach

Shree Rama Mani¹, Premalatha Kandhasamy², Karthikeyan Vijayan¹, Muthupriya Palanichamy¹, Justin Packia Jacob³, Sivakumar Kandhasamy^{1*}

¹School of Aquaculture, Department of Biotechnology, Karpaga Vinayaga College of Engineering and Technology, Chengalpattu – 603308, Tamil Nadu, India

²Department of Computer Science and Engineering, Bannari Amman Institute of Technology, Sathyamangalam-638401, Tamil Nadu, India

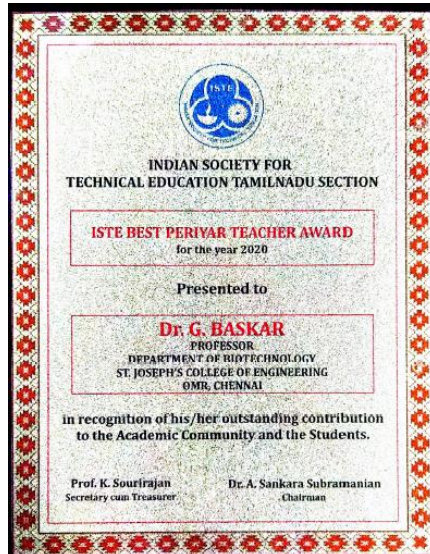
³Department of Biotechnology, St. Joseph's College of Engineering, Chennai – 600119, Tamil Nadu, India

Key words: Haematology; *Lysinibacillus macroides*; Probiotic; R program

Dr. Justin copy of publication

- Shree Rama Mani, Premalatha Kandhasamy, Karthikeyan Vijayan, Muthupriya Palanichamy, **Justin Packia Jacob** and Sivakumar Kandhasamy. 2021. Haematological parameters of *Cyprinus carpio* with reference to probiotic feed: A machine learning approach, **The Israeli Journal of Aquaculture**, <https://doi.org/10.46989/001c.25146>. (IF 0.275).

STAFF CONFERENCE PRESENTATION



Dr.G. Baskar ISTE Best Periyar Teacher Award

5.

Dr. G. Baskar, Professor, Department of Biotechnology, has received award from Indian Society for Technical Education Tamilnadu Section as “**ISTE Best Periyar Teacher Award**” for the year 2020 in recognition to his outstanding contribution in academic community and the students.

Dr. G. Baskar, Professor, Department of Biotechnology, has received award from Indian Society for Technical Education Tamilnadu Section as “**ISTE Best Engineering Teacher Award**” for the year 2020 in recognition to his outstanding contribution in



Dr.G. Baskar ISTE Best Engineering Teacher Award



Dr.Karthik certificate of participation



Ms. Caroline certificate of participation

academiccommunity and the students.

Dr. Karthik C has participated in the online faculty development program on “**Drug Discovery from lab to industry in Biotechnology**” organized by Department of Biotechnology, National Institute of Technology Andhra Pradesh, Tadepalligudem, from 23 to 27 August 2021

Ms Caroline DG has participated in the online faculty development program on “**Drug Discovery from lab to industry in Biotechnology**” organized by Department of Biotechnology, National Institute of Technology Andhra Pradesh, Tadepalligudem, from 23 to 27 August 2021

Ms. Geerthika. S has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Fermentation Technology & Biochemical Engineering" organized by department of Biotechnology, Jeppiaar Engineering College during 2-6th August, 2021

Ms. Sangeetha B has participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Fermentation Technology & Biochemical Engineering" organized by department of Biotechnology, Jeppiaar Engineering College during 2-6th August, 2021


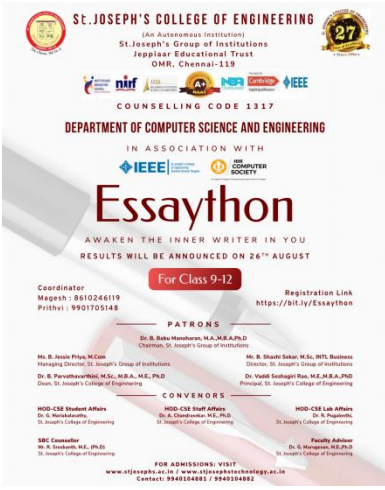


Ms. Geerthika certificate of participation




Ms. Sangeetha certificate of participation

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Sl. No.	Event with Photo	Description
1	 <p>The poster for QuizyTech is for St. Joseph's College of Engineering, an Autonomous Institution. It is organized by the Department of Computer Science and Engineering in association with IEEE and the IEEE Computer Society. The event is a showcase of knowledge for Class 9-12, held on August 25th from 5 to 6 PM. The coordinator is Magesh (8610246119) and the contact is Prithvi (9901705148). The registration link is https://bit.ly/Essaython. Patrons include Dr. B. Balu Narayanan, Managing Director, and Dr. R. Parthasarathy, Dean. Convenors include the HOD-CSE Student Affairs, HOD-CSE Staff Affairs, and HOD-CSE Lab Affairs. The faculty advisor is Dr. G. Manojan.</p>	<p>Date : 25.08.2021 Venue : Online Nature of Event : IEEE Computer Society Club Activity Participants : Students of 9 – 12 all over Tamil Nadu No. of participants : 159</p> <p>Objective: The Objective behind to organize Quiz competition is to evaluate the knowledge of the participants within academics as well as beyond academics and to make them familiar with the prospects of quizzes and the objectivity of the questions. The main purpose of the competition to develop interest in subject areas in secondary class levels and also engage the students during the covid situation</p> <p>Outcome: The students were made aware regarding the benefits of IEEE and the various professional perks it has to offer.</p>
2	 <p>The poster for Essaython is for St. Joseph's College of Engineering, an Autonomous Institution. It is organized by the Department of Computer Science and Engineering in association with IEEE and the IEEE Computer Society. The event is an essay writing competition for Class 9-12, with results announced on August 26th. The coordinator is Magesh (8610246119) and the contact is Prithvi (9901705148). The registration link is https://bit.ly/Essaython. Patrons include Dr. B. Balu Narayanan, Managing Director, and Dr. R. Parthasarathy, Dean. Convenors include the HOD-CSE Student Affairs, HOD-CSE Staff Affairs, and HOD-CSE Lab Affairs. The faculty advisor is Dr. G. Manojan.</p>	<p>Date : 26.08.2021 Venue : Online Nature of Event : IEEE Computer Society Club Activity Participants : Students of 9 – 12 all over Tamil Nadu No. of participants : 163</p> <p>Objective: The objective of the competition is to encourage creativity and leadership skills through essay writing. The competition brings out the ability to think quickly, write persuasively and present well-connected ideas while presenting well-connected ideas in a compact fashion. A good writing style will be the key differentiating factor in determining the winners</p> <p>Outcome: The students were made aware regarding the benefits of IEEE and the various professional perks it has to offer.</p>

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S.No	Events	Remarks	
1	<p align="center">FACULTY DEVELOPMENT PROGRAM</p> 	<p>Dr. M Ramesh Babu</p>	<p align="right">Criteria 6</p> <p>Participated in the FDP on “Entrepreneurship Ecosystem” a five - day exclusive program to Empower sponsored by RUSA 2.0 conducted by Anna University in association with AIC Anna Incubator and EDII-TN between 2nd to 6th August 2021.</p> <p>Participated in the AICTE sponsored STTP program on “Application of Machine learning and Artificial Intelligence Technique for control of future grid” organized by Department of Electrical & Electronics Engineering, NMAM Institute of Technology, NITTE from 02/08/2021 to 07/08/2021.</p>
		<p>Dr.V.Krishnakumar</p>	<p>Participated in the TEQIP sponsored 5 days FDP program on “Promising Trends in Electricity Grid Modernization”organized by Department of Electrical & Electronics Engineering, Oriental Institute of Science & Technology, RGPV, Bhopal from 23/08/2021 to 27/08/2021.</p>
		<p>Mr. H Umesh Prabhu</p>	<p>Participated in the Five days online FDP Programme on “Research Innovation & Recent Trends in Electrical & Electronics Engineering”, from 16th to 20th August 2021, conducted by Department of Electrical and Electronics Engineering, SJBIT, Bengaluru.</p> <p>Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Mathematics for Machine Learning" from 27/07/2021 to 31/07/2021 at NIT Arunachal Pradesh</p>
		<p>Mr.T.Sriananda Ganesh</p>	<p>Participated in the AICTE sponsored STTP program on “Application of Machine learning and Artificial Intelligence Technique for control of future grid” organized by Department of Electrical & Electronics Engineering, NMAM Institute of Technology, NITTE from 02/08/2021 to 07/08/2021.</p>

2

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COUNSELLING CODE:1317

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Organises

THEME-PAINTING

Exclusively for 10th, 11th, 12th and Diploma students

- Upload your painting for the given theme and win the E-certificate
- Submit your drawing on the six different themes for six days through the Google form link given below

Event Date: 13-08-2021 to 19-08-2021

Themes

13/08/2021 - Green India
14/08/2021 - Afforestation
16/08/2021 - History & Heritage
17/08/2021 - Education for All
18/08/2021 - Family & Friends
19/08/2021 - Nature



Registration Link : <https://forms.gle/uTmsgL3qMzPXp8jq5>
Submission Link : <https://forms.gle/faf27w4Bjm5jt7qbs>

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

Patrons

<p>Mrs. B. 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 style="text-align: center;">Convenors</p> <p>Dr. Jayarama Pradeep M.E., Ph.D. Professor & Head - Staff Affairs</p> <p>Dr. T.V. Narmadha M.E., Ph.D. Professor & Head - 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, St. Joseph's College of Engineering</p> <p style="text-align: center;">Staff Coordinator</p> <p>Dr.V.Chamundeswari M.E., M.B.A., Ph.D. Associate Professor</p>
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PIC: event poster

Our department organized an School event named " Theme painting" was conducted for School students from Aug 13 to Aug 19 2021. Around 55 students participated from different schools. The theme included were "Green India, Afforestation, History and heritage, Education for All, Family & Friends, and Nature.

3

You Choose, We Do It!

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

Counselling Code : 1317

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Organises

A Webinar on

WHAT TO EXPECT IN A SYSTEMS SOFTWARE CAREER PATH

RESOURCE PERSON

Mr. Siddharth Chandrasekaran,
Kernel/Hypervisor Engineer,
Amazon, Germany



Webinar Link : <http://meet.google.com/hgr-rtts-jsi>
14/08/2021 | 10.30 a.m
E-Certificates will be provided to all the participants


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

Patrons

<p>Mrs. B. 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 style="text-align: center;">Convenors</p> <p>Dr. Jayarama Pradeep M.E., Ph.D. Professor & Head - Staff Affairs</p> <p>Dr. T.V. Narmadha M.E., Ph.D. Professor & Head - 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.E., M.B.A., Ph.D. Dean, St. Joseph's College of Engineering</p> <p style="text-align: center;">Coordinators</p> <p>Dr. A. Jamma M.E., Ph.D., Assistant Professor / EEE</p> <p>Ms. S.P. Vedavalli M.E., Assistant Professor / EEE</p>
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PIC: event poster

Our department organized a webinar on "what to expect in a systems software career path" by Mr. Siddharth Chandrasekaran, kernel/Hypervisor engineer, Amazon, Germany on 14.08.2021. The session was really very informative and useful to the students. E-certificates are distributed to all the participants.

<p>4</p>	 <p>IETE Journal of Research</p> <p>ISSN: (Print) (Online) Journal homepage: https://www.tandfonline.com/loi/tjir20</p> <p>Low-Cost Voice-Controlled Prosthetic Arm with Five Degrees of Freedom</p> <p>Jayarama Pradeep, A. Jamna & Ramakrishnann Sasikumar</p> <p>To cite this article: Jayarama Pradeep, A. Jamna & Ramakrishnann Sasikumar (2021): Low-Cost Voice-Controlled Prosthetic Arm with Five Degrees of Freedom, IETE Journal of Research, DOI: 10.1080/03772063.2021.1958069</p> <p>To link to this article: https://doi.org/10.1080/03772063.2021.1958069</p> <p>Published online: 11 Aug 2021.</p> <p><i>PIC: paper</i></p>	<p>Our department staff members Dr.Jayarama Pradeep and Dr.A.Jamna, published paper titled “Low cost voice controlled prosthetic arm with five degrees of freedom”, IETE Journal of Research, DOI:10.1080/03772063.2021.1958069, 11 Aug 2021.</p>								
<p>5</p>	<p>Student Activity for the month Aug 2021</p>	<table border="1"> <thead> <tr> <th data-bbox="1045 586 1402 630">Students Name</th> <th data-bbox="1402 586 2053 630">Online Course</th> </tr> </thead> <tbody> <tr> <td data-bbox="1045 630 1402 703">B.MUGUNDHAN</td> <td data-bbox="1402 630 2053 703">JavaScript for Beginners" conducted by Udemy on Aug 6,2021</td> </tr> </tbody> </table>	Students Name	Online Course	B.MUGUNDHAN	JavaScript for Beginners" conducted by Udemy on Aug 6,2021				
Students Name	Online Course									
B.MUGUNDHAN	JavaScript for Beginners" conducted by Udemy on Aug 6,2021									
<p>6</p>	<p>Student Achievement for the month Aug 2021</p>	<table border="1"> <thead> <tr> <th data-bbox="1045 812 1451 855">STUDENT NAME</th> <th data-bbox="1451 812 1856 855">EVENT</th> <th data-bbox="1856 812 2053 855">PRIZE</th> </tr> </thead> <tbody> <tr> <td data-bbox="1045 855 1451 989">JESSE</td> <td data-bbox="1451 855 1856 989">treasure hunt event conducted by AMET University</td> <td data-bbox="1856 855 2053 989">I</td> </tr> </tbody> </table>	STUDENT NAME	EVENT	PRIZE	JESSE	treasure hunt event conducted by AMET University	I		
STUDENT NAME	EVENT	PRIZE								
JESSE	treasure hunt event conducted by AMET University	I								

7

St. JOSEPH'S COLLEGE OF ENGINEERING
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
in association with
IEEE INDUSTRY APPLICATIONS SOCIETY
presents

LOCOMOTORA

Register here:
<https://forms.gle/1WaBmg5sZiHuUEu5>

"Can your inner engineer guess these motor marvels.."

MOTOR QUIZ

August 25
4:00 PM

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.
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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

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

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

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

Student Coordinators
IAS Team

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

PIC: event poster

IEEE IAS SJCE conducted a quiz event "LOCOMOTORA". About 40 participated in this event. It was conducted by providing a link of the quiz in google form, the participants were allowed to identify the motor that was asked through description and through pictures. E-Certificates were distributed to the students who had participated in the event. This event indeed helped the participants to let them know about their understanding of motors. Winners were awarded with merit certificates and the winners were Mr. Pranav Rajiv (1), Mr. S Mohamed Salman (2), Ms. Priyanka M(3). Student Coordinators of this event were the IAS team.

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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
On behalf of International Youth Day
IEEE ROBOTICS AND AUTOMATION SOCIETY
presents

2021
14 August

TALK MASIER
EXTEMPORE COMPETITION

2:30 PM

OPEN

E-CERTIFICATES WILL BE PROVIDED TO ALL THE PARTICIPANTS

REGISTER HERE <https://bit.ly/TalkMastersReg>

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

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

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

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

Student Coordinators
RAS Team

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PIC: event poster

Talk Master contest was organized by IEEE SJCE SBC under IEEE Robotics and Automation Society for the IEEE students. Participants exposed their views in their talks and it was quite interesting to watch such enthusiastic speech which was conducted lively in Google meet on 14th August 2021. Of over 15 students participated in it and got benefited. E-Certificates are distributed to the winners. Student Coordinators S.Abina, R.Christel Peeris, P.K.Ananya, C.Sakthi Priya, K.Sunitha coordinated the event with Mr. R. Sreekanth, IEEE SB Counselor.

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The College, 112, Dharmalingam Road, Chennai - 119.

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

Counselling Code :1317

IEEE | St. Joseph's College of Engineering Student Branch Chapter | A+ NAAC | IEEE Robotics & Automation Society

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
On behalf of World Photography Day
IEEE ROBOTICS AND AUTOMATION SOCIETY presents

2021
19 August

PIXEL STUDIO
THE PHOTOGRAPHY CONTEST

10 AM - 10 PM

OPEN

To all College Students!!

E-CERTIFICATES WILL BE PROVIDED TO ALL THE PARTICIPANTS

REGISTER HERE <https://bit.ly/PixelStudioReg>

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

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Convenor Dr. T.V. Narmadha M.E., Ph.D. Professor & Head - Lab Affairs
Staff Coordinator Mr. R. Sreekanth M.E., (Ph.D.) Assistant Professor

Student Coordinators
RAS Team

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PIC: event poster

IEEE SJCE SBC organized a Pixel Studio contest under IEEE Robotics and Automation Society for the IEEE students, about 17 participants captured their inspired photograph inside their home and posted in the google form, conducted on 19th August 2021. Nearly 17 students participated in it and got benefited. E-Certificates are distributed to the winners. Student Coordinators S.Abina, R.Christel Peeris, P.K.Ananya, G.S. viknesh, K.Sunitha coordinated the event with Mr. R. Sreekanth, IEEE SB Counselor.

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St. JOSEPH'S COLLEGE OF ENGINEERING
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St. Joseph's Group of Institutions
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Counselling Code :1317

IEEE | St. Joseph's College of Engineering Student Branch Chapter | A+ NAAC | IEEE Robotics & Automation Society

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
On behalf of World Humanitarian Day
IEEE ROBOTICS AND AUTOMATION SOCIETY presents

2021
19 August

THE LOGIC THEORIST
THE BEST MANAGER

3.00 PM

OPEN

To all College Students!!

E-CERTIFICATES WILL BE PROVIDED TO ALL THE PARTICIPANTS

REGISTER HERE <https://bit.ly/TheLogicTheoristReg>

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

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

Student Coordinators
RAS Team

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PIC: event poster

The Logic Theorist contest was organized by IEEE SJCE SBC under IEEE Robotics and Automation Society for the IEEE students, about 10 participants got enrolled and there were given situation to handle on. The participants actively got participated and their way of tackling situations were awesome, and it was conducted lively in Google meet on 19th August 2021. The active participants of about 10 students got enrolled and benefitted. Exciting and productive E-Certificates were distributed to the winners. Student Coordinators S.Abina, M.Abinaya, R.Christel Peeris, P.K.Ananya, C.Sakthi Priya, K.Sunitha coordinated the event with Mr. R. Sreekanth, IEEE SB Counselor.

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

ARHA, NEA, A+, NIRF, Cambridge

IEEE Student Branch Chapter
celebrates
Independence Day
CONNEXION
Open to all College Students

Link to Connexion:
<https://bit.ly/3xlvjyU>

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

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Mr. B. Shashi Sekar M.Sc. Director, St. Joseph's Group of Institutions
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Staff Coordinator Mr. R. Sreekanth M.Sc., Ph.D. Assistant Professor

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PIC: event poster

IEEE St. Joseph's College of Engineering Student Branch Chapter Organized a "Connection Event" in the topic FREEDOM FIGHTERS on August 15, 2021 (INDEPENDENCE DAY). As our Prime Ministers "Azadi ka Amrit Mahatsav" Everyone in our country has to know about our indebted Freedom Fighters of our country, so to support this event the event was organized. About 53 Participants from various colleges participated in the event. Each and Every Participant awarded with a meritorious certificate. The event started at 8.00 A.M. in the morning and ended at 8.00 P.M. on the same day.

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

ARHA, NEA, A+, NIRF, Cambridge

St. Joseph's College of Engineering presents
IEEE Orientation Program

AUGUST 23 2021

6.00-7.00 PM

<https://meet.google.com/kbi-bsfx-zaw>

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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Dr. Vaddi Seshagiri Rao M.Sc., 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., Ph.D. Dean(Research), St. Joseph's College of Engineering

SBC Advisor Dr. Jayarama Pradeep M.Sc., Ph.D. Professor & Head - Staff Affairs
Convener Dr. T.V. Narmadha M.Sc., Ph.D. Professor & Head - Lab Affairs
Staff Coordinator Mr. R. Sreekanth M.Sc., Ph.D. Assistant Professor

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

PIC: event poster

IEEE St. Joseph's College of Engineering Student Branch Chapter organized an orientation program to welcome the future shining stars of Joseph's to IEEE. It was held at pleasant dusk around 6.00 P.M. on 23 August, 2021. Dr. Jayarama Pradeep, SBC Advisor and Head of Department is our Chief Guest to the Orientation Program. The meeting was initiated by the current Chairperson of SBC and the Chairs for the respective societies welcomed our Shooting stars. The young aspiring minds were edified with the potential of IEEE. At the flourish, Mr. Sreekanth. R SBC Counselor motivated the young minds and the meeting came to an end with a Networking Session.

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

ARHA, NEA, NIRF, Cambridge

St. Joseph's College of Engineering IEEE Student Branch Chapter
presents
STUDENT BRANCH BI-ANNUAL MEET

2021
16th
August

Open to SJCE IEEE Members

Join us: <https://meet.google.com/pht-tqxo-hba>

11:00 am

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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Managing Director, St. Joseph's Group of Institutions

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Professor & Head - Staff Affairs

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

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

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IEEE St. Joseph's College of Engineering Student Branch organized a "Biannual meet". The meeting commenced at 11:00 AM. The agenda of the meeting was to discuss the annual reports from the Student Branch on the achievements and work of the group over the year. Dr. Jayarama Pradeep, SBC Advisor addressed the members of the student branch with the reports of the year's events and activities. Later, she also elected additional members to the Student Branch Office for its smooth functioning. After electing the additional members, Mr. Sreekanth, SBC Counsellor, addressed the Student Branch members. He addressed the changes to be made in the Student Branch and the financial status of the Student Branch. After these discussion, the meeting came to an end at 11:30 PM

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

ARHA, NEA, NIRF, Cambridge

IEEE Women in Engineering Affinity Group
presents
QUIZZ BUCKERS

2021
28th
August

OPEN TO ALL STUDENTS

REGISTER HERE <https://bit.ly/Quizbuckers>

5.00 pm - 6.00 pm

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.
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Dr. B. Parvathavarthini M.Sc., M.B.A., M.E., Ph.D.
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Professor & Head - Staff Affairs

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

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

Student Coordinators
Akshaya S | Abinayaa Sri T | Divya V | Jesse S | Maria Shirley John

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

IEEE Women in Engineering affinity group of St. Joseph's College of Engineering conducted an event "QUIZ BUCKERS " on 28th of August .The event started at 5:00 p.m. The number of participants were 28. A merit certificate was handed to each of the three winners. Ms. L.M. Shamily, Ms. A. Selina, and Ms. B. Aarthi were the winners. Certificates of participation were presented to all other participants.

PIC: event poster

15

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.

COUNSELLING CODE :1317
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
in association with
IEEE POWER ELECTRONICS SOCIETY

ELECTROCRYPT

A cryptographic quiz in the this online world

DATE:
31-08-2021

TIME:
05:30PM

Get ready to crush your brain in this Electrical related puzzle

SCAN TO REGISTER

E-certificates will be provided to all the participants

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

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

SBC Advisor
 Dr. Jayarama Pradeep M.E., Ph.D.
 Professor & Head, EEE Dept.

Convener
 Dr. T.V. Narmadha M.E., M.B.A., Ph.D.
 Professor & Head, IEE Dept.

Staff coordinator
 Mr. R. Sreelakshmi M.E., Ph.D.
 Assistant Professor

Student Coordinators
 IEEE SJCE PELS TEAM

EMAIL
 ieee@sjce_pel2021@gmail.com

INSTAGRAM
 @sjcepel2021

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

PIC: event poster

The IEEE Power Electronics Society of St Joseph's College of Engineering, conducted a riddle event 'ELECTROCRYPT', made up of cryptogram and related to basics of electricals and electronics. 50 people registered through the registration, 35 of them participated in the event and best three were given winners certificate. All the others were provided with participation certificate. The student coordinators for this event are Madhu Preetha S, Elanchezhiyan R J, Karin Ramani A, Mani Sha N and Herena Joshika A S.

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IEEE | St. Joseph's College of Engineering Student Branch Chapter

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
IEEE STUDENT BRANCH CHAPTER

CONGRATULATIONS

The Management, Principal and the Faculty Members congratulate **Mr. MS Kumaran, 2017 - 2021 Batch; B.E. Electrical & Electronics Engineering** for winning the **IEEE Region 10 Young Professionals REVOL 2021 Program** provided by **IEEE Region 10 Young Professionals** and for receiving the prize of **One-year Professional Membership and Volunteer as an IEEE Region 10 YP Ambassador.**

	Mr. MS Kumaran 2017 - 2021 Batch/EEE	IEEE Region 10 Young Professionals REVOL Winner
---	--	--

PIC: Circular

Our student Mr. MS Kumaran 2017-2021 batch for winning the IEEE region 10 young professional REVOL 2021 program provided by IEEE region 10 young professional and for receiving the prize of one year professional membership and volunteer as an IEEE region 10YP ambassador.

17



**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
IEEE STUDENT BRANCH CHAPTER**

CONGRATULATIONS

The Management, Principal and the Faculty Members congratulate **Mr. MS Kumaran, 2017 – 2021 Batch**; B.E. Electrical & Electronics Engineering for winning the **IEEE Richard E. Merwin Student Scholarship** provided by **IEEE Computer Society** and for receiving the prize money of **1000 USD**.



PIC: Circular

Our student Mr. MS Kumaran 2017-2021 batch for winning the IEEE Richard E. Merwin student scholarship provided by IEEE computer society and for receiving the prize money of 1000USD

18



PIC: event poster

Our Department of Electrical and Electronics Engineering organised a school event on 30.07.2021 – 5.08.2021. Around 30 schools participated in the event with 60 participants.

It includes events like drawing completion on theme like Go corona, green planet and dream of Dr.APJ,

mobile photography on the theme like beauty of earth and eco friendly

and Finally it ended up with a webinar on the topic “ know your energy meter”

19

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.

COUNSELLING CODE: 1317

மாணவர் சேர்க்கைக் குறியீட்டு எண்: 1317
மின்னியல் மற்றும் மின்னணுவியல் துறை
பெருமையுடன் வழங்கும்
தமிழ் ஆரம்! தமிழ் வாரம்!! தமிழ் ஆரவாரம்!!!

பள்ளி மாணவரா நீங்கள் ???
இதோ! உங்களுக்கான தமிழ் மற்றும் அறிவியல்
தொழில்நுட்பத் திறன்சார் தேடல் !!

போட்டிகளின் நிரல்

20/08/21 - "எழுதுகோல் எழுச்சி" - கட்டுரைப் போட்டி
21/08/21 - "உரைநிமிடம் ஒரே நிமிடம்" - பேச்சுப் போட்டி
23/08/21 - "யாமறிந்த புலவரிலே" - இலக்கிய வினாடி வினா
24/08/21 - "அணுவைத்துளைத்து" - அறிவியல் வினாடி வினா
25/08/21 - "சொல்லில் உயர்வு தமிழ்ச்சொல்லே" - இணைச்சொல் காண்க

போட்டிகளில் பங்கேற்க இன்றே பதிவு செய்யுங்கள் !!!
கீழே உள்ள இணைப்பில் சென்று உங்கள் விவரங்களைப் பதிவேற்றுங்கள்!
சுகின் படிவ இணைப்பு: <https://forms.gle/VJ42W42mek2k5P637>

தலைமைப் பரவலர்
முனைவர். B. லாட் முனோகர்ன் M.A., M.B.A., Ph.D.
தலைவர், சென்னை, ஜேசுபஸ் கல்வி குழுமம்

பரவலர்கள்
திரு. B.ஷஷி சேகர் M.Sc.
இயக்குனர், சென்னை, ஜேசுபஸ் கல்வி குழுமம்

திருமதி S.ஜெஸ்ஸி பிரியா M.Com., நிர்வாக இயக்குனர், சென்னை, ஜேசுபஸ் கல்வி குழுமம்
முனைவர். வடி சேஷாஜி ராஜ் M.E., M.B.A., Ph.D. முனைவர். B. பர்வதவர்த்தினி M.Sc., M.B.A., M.E., Ph.D.
முதலவர், சென்னை, ஜேசுபஸ் பொறியியல் கல்லூரி கல்வித் தலைவர், சென்னை, ஜேசுபஸ் பொறியியல் கல்லூரி

முனைவர். ஜெயராஜ பிரதீப் M.E., Ph.D. முனைவர். T.V. நர்மதா M.E., Ph.D.
பேராசிரியர் மற்றும் தலைவர் - கழிப்பர்கள் அலுவல் பேராசிரியர் & தலைவர் - ஆய்வக அலுவல்

PIC: event poster

A Series of online events for school students was conducted from 20/08/21 to 25/08/21 with Thamizh language proficiency as the base theme. Many school students participated with great enthusiasm. These events proved an offbeat from usual extracurricular activities that are conducted and made the students appreciate the glory of Thamizh language.

20

You Choose, We Do It!

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

COUNSELLING CODE: 1317

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Organises

CROSSWORD PUZZLE

Life is like a crossword puzzle. There are ups and downs, solve it wisely.

Event Date: 06/08/2021-12/08/2021

Registration Link : <https://bit.ly/crosswordpuzzlesjce>

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

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

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, St. Joseph's College of Engineering

Staff Coordinator
Dr. A. Jamma M.E., Ph.D.,
Assistant Professor

PIC: event poster

Our Department of Electrical and Electronics Engineering, St. Joseph's College of Engineering organized an Online Crossword Puzzle competition for school students and diploma students. The event was conducted from 6.8.21 to 12.08.2021.

A total of 97 students from 8 schools have participated in the program. Participation certificate was given to all the participants and merit certificate were given to two students

21

The Choice, The Do It

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

27
ESTABLISHED IN 1984

NBA
ARIIA
NAAC
nirf
Cambridge

COUNSELLING CODE:1317

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
in association with

ENSAV CLUB
G9 St. JOSEPH'S ENSAV CLUB
Organises Webinar on

Simulation of Green Energy Systems

Learn from the Expert




3rd August 2021, 6 PM
For all department students

Google Meet Link : <https://meet.google.com/trj-vjro-wau>

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

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

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, St. Joseph's College of Engineering

Staff Coordinator
Dr. M. Venmathi M.E., Ph.D.
Associate Professor

PIC: event poster

Our Department of Electrical and Electronics Engineering organised a webinar on Simulation of Green Energy Systems on 3rd August 2021 in association with Ensav club by Dr.S.Sasikala Senior Assistant Professor/ECE of Tagore Engineering College. Around 66 students participated in the webinar.

The resource person discussed the Simulation of solar PV system using Pspice and Matlab too which was very useful for the participants.

21

The Choice, The Do It

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Organises

A One Day Workshop on
"Innovation and Building a Product Fit for Market"



By
Mr. Sreeraj S.V
Director, EmCog Solutions,
Chennai

25.08.2021
6 PM TO 7 PM

Event Link : <http://meet.google.com/hgr-rtts-jsi>

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

Staff Coordinator
Dr. Ajanna M.E., Ph.D.
Assistant Professor
Ms. S.P. Vedavalli, M.E.
Assistant Professor

PIC: event poster

Our department organized a one day workshop on "Innovation and building a product fit for market" by Mr.Sreeraj S.V, Director EmCog Solutions, Chennai on 25.08.2021. The session was really very informative and useful to the students. E-certificates are distributed to all the participants.



PIC: event photo

IEEE Madras Section organised a two day international flagship conference series MASCON'21 at hotel le' Meridien Chennai. Our students made use of this wonderful opportunity and volunteered wholeheartedly. Ms Priyanka J, with her amazing oratory skills, and her team, hosted the entire conference. Mr Arangan Rishikesh and Ms Akshaya S enthusiastically led the registration committee. Mr Kumaran MS, Ms Jesse S, and Mr Manisha N, along with the rest of the team, led the technical session with great spirit. Mr. Praneet with his great designing skills contributed his part in making number of social media posters, standee for the event, certificate design and the presentation slides for the entire event.

Placement Details for month Aug 2021

2017- 2021 Batch		
Reg No	Student Name	COMPANY
312317105024	ARUNKUMAR S	TCS
312317105053	GODWIN GEO	MSC TECHNOLOGIES
312317105080	JUNAID ALTHAF S	AVASOFT
312317105095	MANIKANDA PRAKASH L	MSC TECHNOLOGIES
312317105102	NAGALAKSHMI K	RIBBON COMMUNICATIONS
312317105116	PRAHATHEESH B	RIBBON COMMUNICATIONS

No of students placed = 94
 No of offers = 130
 (As on 31/08/2021)

2018- 2022 Batch		
Reg No	Student Name	COMPANY
312318105002	Aarthi NT	SOLITON

No of students placed =03
 No of offers =03
 (As on 31/08/2021)

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING


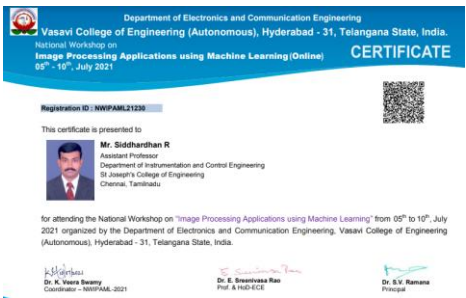

Sl. No.	Title	Detail					
		S. No	Faculty Name	Date	Webinar /FDP attended/ workshop	Conducting agency	No. of days
1	Webinar/ FDP Attended By Faculty	1.	Mr.D.SANKARAN	16-08-2021 to 28-08-2021	Two weeks International Workshop on Emerging Trends in the field of Science and Technology	Sathyabama Institute of Science and Technology, Chennai	12
2	Publications	S.No	Faculty	Title of the paper		Date	Journal/Patent/Book Chapter/Conference
		1.	Dr.V. RAJINIKANTH	Semi/Fully-Automated Segmentation of Gastric-Polyp Using Aquila-Optimization-Algorithm Enhanced Images. Computers, Materials & Continua,		Aug 2021	Journal
		2.	Dr.V. RAJINIKANTH	Automated diagnosis of amyotrophic lateral sclerosis using electromyograms and firefly algorithm based neural networks with fractional position update. Physical		Aug 2021	Journal
		3.	Dr.V. RAJINIKANTH	Feature- versus deep learning-based approaches for the automated detection of brain tumor with magnetic resonance images: A comparative study		Aug 2021	Journal
		4.	Dr.V. RAJINIKANTH	Development of CNN Scheme for COVID-19 disease detection using chest radiograph		Aug 2021 (Applied in July 2021)	Patent (Australian Patent)
		5.	Dr.P.DEEPA	Validation and similarity Evaluation of leukocyte		July 26	conference
		6.	Dr.P. Deepa Dr.G. Brindha	Static Washout Multiple Droplet Lab On Chip Routing (Submitted)		21 August 2021	Indian Journal of Science and Technology

3.	Event Conducted	S.No	Faculty Name	Date	Event Title	Type of Event	No. of Days
		1.	Dr.K.Palani Thanaraj Ms.Kirthini Godweena A	2/8/21	Kick Start GATE Preparation	Webinar	1
		2.	Dr.B.Senthil Kumar Ms.Kirthini Godweena A	03/08/2021	Introduction to Google Data Studio	Webinar	1
		3.	Dr. V. Rajinikanth, Dr. N. Sri Madhava Raja	03/08/2021	Industrial Bioreactor and its control	Technical Event	1
		4.	Mrs.M.Angelin Ponrani Ms.A.Kirthini Godweena	03/08/2021	DIY Crafty Mania	School Event	1
		5.	Dr. V. Rajinikanth, Dr. N. Sri Madhava Raja	04/08/2021	Distillation Column and its control	Technical Event	1
		6.	Dr.C.N.Gnanaprakasam, Mrs.J.Gnanasoundharam	04/08/2021	KVIZ on SCIENCE	School Event	1
		7.	Dr. C. Pandeewaran, Dr. K. Palani Thanraj	05/08/2021	Fundamentals of computer vision based personal authentication using OpenCV	Technical Event	1
		8.	Mr.A.Sadeesh kumar, Mr.N.Hariprasad	05/08/2021	Snap it - A photography contest	School Event	1
		9.	Mrs.M.Angelin Ponrani Mrs.C.Rama Devi	6/08/2021	Digital Art Competition	School Event	1
		10.	Dr. V. Rajinikanth, Dr. N. Sri Madhava Raja	6/08/2021	Control of Magnetic Levitation model	Technical Event	1
		11.	Mr.A.Sadeesh kumar, Mr.N.Hariprasad	07/08/2021	Idea hunt- Poster making contest	School Event	1
		12.	Dr. V. Rajinikanth, Dr. N. Sri Madhava Raja	07/08/2021	Control of Automatic Voltage Regulator	Technical Event	1
		13.	Dr. G.Brindha Mrs.M.Angelin Ponrani	9/8/21	Learning of Do's and Don'ts in Emergency situation	Social Awareness Program	1
		14.	Mrs.M.Nivethitha Devi, Mr.S.Sivaumar	9/8/21 to 10/08/2021	Chemicky Kviz series	School Event	2

15.	Dr. V. Rajinikanth, Dr. N. Sri Madhava Raja	10/08/2021	Heuristic Algorithms and its applications	Technical Event	1
16.	Dr.B.Senthil Kumar Ms.Kirthini Godweena A	11/8/21	Time Analysis using R	Webinar	1
17.	Mrs.M.Nivethitha Devi	11/08/2021	Sudoku Fragesport	School Event	1
18.	Mrs.Gnanasoumdharam Mrs.C.Rama Devi	12/8/21	ESSAY WRITING	School event	1
19.	Dr.B.Senthil Kumar Ms.Kirthini Godweena A	12/8/21	Machine LEarning - Clustering	Webinar	1
20.	Mrs.Gnanasoumdharam Mrs.C.Rama Devi	13/8/21	QUIZ ON MATHCRAZE	SCHOOL EVENT	1
21.	Dr.B.Senthil Kumar Ms.Kirthini Godweena A	13/8/21	Introduction to Google Data Studio Part II	Webinar	1
22.	Dr. G.Brindha Mrs.M.Angelin Ponrani	14/8/21	E Quiz Series 1	School Event	1
23.	Mrs.M.Angelin Ponrani Ms.A.Kirthini Godweena	14/08/21	Innovative Plans for Better India	School Event	1
24.	Mr.N.Hariprasad	16/08/2021 to 18/08/2021	Best Instagram Story Contest	School Event	3
25.	Dr.V. Vijayan and Mr. R. Elavarasan	18 to 20 August 2021	GATE CONTROL SYSTEM PROBLEM SOLVING TECHNIQUES	Webinar	03
26.	Mrs.R.Angel Sujitha Ms.Kirthini Godweena A	19,20/8/21	Connexions	School Event	2
27.	Dr.K.Palani Thanaraj Dr.C.Pandeeswaran	21/8/21	Open Source Tools for Data Science	Technical Event	1
28.	Mrs.R.Angel Sujitha Ms.Kirthini Godweena A	21/8/21	Word Hippo	School Event	1
29.	Mrs. M.Nivethitha Devi, Mrs.C.Rama Devi	23/08/2021	Riddles (Who am I)	School Event	1
30.	Mrs.M.Nivethitha Devi	24/8/21	Quiz on India in olympics	School event	1

	Mrs.C.Rama Devi				
31.	Dr. V.Rajinikanth, Dr. N Sri Madhav Raja	24/08/2021	2D CT/MRI Assessment	Technical Event	1
32.	Dr.S.Meena	25.08.2021 & 28.08.2021 (2 -4 pm)	Introduction to embedded toolset & Practical Approach through Arduino and Proteus”	VAC-1 for III yr EIE	2
33.	Mrs.J.Gnanasoundharam, Mrs. M.Nivethitha Devi	25/8/2021	KWIZ	School event	1
34.	Dr. C. Pandeewaran And Dr.V. Vijayan	26 August 2021	IOT based Cloud Computing using AWS	Webinar	1
35.	Dr. B. Senthil Kumar And Dr.V. Vijayan	26 August 2021	Raspberry PI and IOT	Guest Lecture	1
36.	Dr.S.Meena Mrs.M.Nivethitha Devi	26/08/2021	Haiku kavithaigal (CORONAVUM SUTTRUPURASUZHALUM)	School event	1
37.	Mr.N.Hariprasad	27/08/2021	Snap it 2.0 - A photography contest	School event	1
38.	Mrs.M.Angelin Ponrani Ms.A.Kirthini Godweena	28/08/21	Doodle with Intent	School Event	1
39.	Mrs.J.Gnanasoundharam Mrs.C.Rama Devi	30/8/21 & 31/8/21	E-QUIZ SERIES	SCHOOL EVENT	2

DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

Sl. No.	Details of the Events	Remarks
1.	<p>Workshop</p>  <p>Certificate of Participation</p> <p>This is to certify that</p> <p style="text-align: center;"><u>E.Ahila Devi</u></p> <p>has successfully attended session on</p> <p style="text-align: center;"><u>MELSEC IQ-R PLC</u></p> <p>Course conducted from <u>15.06.2021</u> to <u>16.06.2021</u></p> <p>Issue Date <u>16.08.2021</u></p> <p style="text-align: center;">at CVR College of Engineering, Hyderabad.</p> <p>Mr. Manoj Gupta, Training Head, Mitsubishi Electric India Pvt. Ltd. Dr. S.S. Nayanathara, Principal, CVR College of Engineering Mr. P. Haribabu, Instructor, Mitsubishi Electric India Pvt. Ltd.</p>	<p>Date: 15 June, 2021 to 16 June, 2021</p> <p>TOPIC: MELSEC IQ-R PLC</p> <p>Organizer: CVR College of Engineering</p> <p>No. of Participant: 02</p>
2.	<p>FDP</p>  <p>FDP</p> <p>Department of Electronics and Communication Engineering Vasavi College of Engineering (Autonomous), Hyderabad - 31, Telangana State, India.</p> <p>National Workshop on Image Processing Applications using Machine Learning (Online) 09th - 10th, July 2021</p> <p>Registration ID: NWPFAML21230</p> <p>This certificate is presented to</p> <p>Mr. Siddhardhan R Assistant Professor Department of Instrumentation and Control Engineering St. Joseph's College of Engineering Chennai, Tamilnadu</p> <p>for attending the National Workshop on "Image Processing Applications using Machine Learning" from 09th to 10th, July 2021 organized by the Department of Electronics and Communication Engineering, Vasavi College of Engineering (Autonomous), Hyderabad - 31, Telangana State, India.</p> <p>Dr. K. Veera Swamy, Coordinator - NWPFAML-2021 Dr. E. Srinivasa Rao, Prof. & HOD-ECE Dr. S.V. Ramana, Principal</p>	<p>Date: 5 July, 2021 to 10 July, 2021</p> <p>TOPIC: Image Processing Applications using Machine Learning</p> <p>Organizer: Vasavi College of Engineering</p> <p>No. of Participant: 01</p>
3.	<p>Workshop</p>  <p>CERTIFICATE of Participation</p> <p>This is to certify that</p> <p style="text-align: center;"><u>Siddhardhan R</u></p> <p>From <u>St Joseph's College of Engineering</u></p> <p>Has Participated in the ACTE Sponsored National Level Five Days Virtual Short Term Training Program (STTP) on "TECHNOLOGY ENABLERS FOR SMART MANUFACTURING USING INDUSTRY 4.0" from 12th to 16th of July 2021, organized by Department of Mechanical Engineering, Nitte Meenakshi Institute of Technology, Bangalore-64, INDIA.</p> <p>Sponsored by Dr. N. C. Nagaraj, Principal, NMIT Dr. Sudheer Reddy J, Head, Dept. Of Mech Engg., Coordinator STTP, NMIT</p>	<p>Date: 12 July, 2021 to 16 July, 2021</p> <p>TOPIC: Technology Enablers for smart manufacturing using Industry 4.0</p> <p>Organizer: NITTE Meenakshi Institute of Technology</p> <p>No. of Participant: 01</p>

4.

Internship



Date: 05 August, 2021 to 21 August,2021

TOPIC: Understanding industrial environment, observed the process of manufacturing loadcell.

Organizer: Vishay precision transducers, chennai.

No. of Participant:01

5.

Webinar-Organized



Date: 19 August, 2021

Topic: Importance and preparation strategy for Gate Examination

Resource person: Mr. J Santhosh, PG student NIT Trichy

No of Participants: 22

6.

Webinar-Organized

The poster is for a webinar titled "Introduction to Internet of Things" organized by the Department of Instrumentation and Control Engineering in association with the ISA student chapter. The resource person is Dr. E. Anna Devi M.E., PhD, Assistant professor, ECE Department, Sathyabama Institute of Science and Technology. The webinar is scheduled for 2:00 pm on 30th August 2021. The registration link is <https://forms.gle/c9VBmMcAMwAt3vE8>. E-certificates will be issued to all participants. The poster also lists the Dean, Chairperson, and various faculty members of the college.

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COUNSELING CODE: 1317

Department Of Instrumentation And Control Engineering
in Association with ISA student chapter

Organize

A Webinar on
Introduction to Internet of Things

Resource person:
Dr. E. Anna Devi M.E., PhD,
Assistant professor,
ECE Department
Sathyabama Institute of Science and Technology

2 .00 pm,
30th August 2021

Registration link : <https://forms.gle/c9VBmMcAMwAt3vE8>
E - Certificates will be issued to all participants

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

Patrons

Mrs. B. Jenia Priya M.Sc.,
Managing Director, St. Joseph's Group of Institutions

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

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

Dr. B. Parvathasankar M.Sc., M.E.A., M.E., Ph.D.
Dean (Domestic), St. Joseph's College of Engineering

Chairman

Dr. T. Babu M.E., Ph.D., Asst. Prof & Head

Coordinators

Dr. E. Anis Devi M.E., Ph.D., Assistant Professor
Mrs. T. Adhitha M.E., Assistant Professor

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


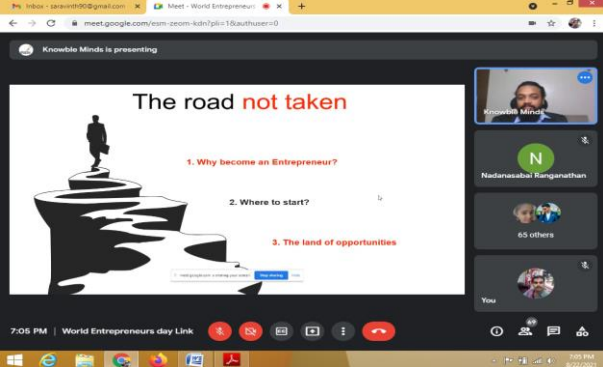
Date: 19 August, 2021

Topic: Introduction to Internet of Things



Resource person: Dr E. Anna Devi. Assistant Professor Sathyabama Institute of Science and Technology

No of Participants: 29



DEPARTMENT OF MBA

S.No	Events	Remarks
AUGUST 2021		
1	<h1>Publication</h1>	<p>DR.SP.KARUPPIAH</p> <p>Paper Presented in Online International Conference Title ” Comparative Study of Pandemic Phobia and Psychiatric Perceptions of Type A and Type B Personalities – Pandemic Situation at KIET Group of Institutions, Gaziabad on 6-08-2021</p>
		<p>DR.SP.KARUPPIAH</p> <p>➤ Webinar on “Financial Awareness: A Key to Fiancial well Being” Conducted by Sanskriti University, MATHURA -19-08-2021</p>
		<p>St.joseph’s College of Engineering - Institute Innovation Council, Entrepreneurship Development Cell and Department of MBA jointly organized “World Entrepreneurs Day – 2021” for two days (22-08-2021 & 23-08-2021) @ 7pm .Guest Speaker Mr.RaghuRajaram – Founder Knowble Minds, he talks about Entrepreneurship – Land of Opportunities, he also explains that opportunities available for the young entrepreneurs, students interact with him and clear their doubts, around 100 students participated in this event.</p>

DEPARTMENT OF MECHANICAL ENGINEERING

Sl No	Name of the Activity	Remarks
1		<ul style="list-style-type: none"> ➤ Mr.K.Pravin kumar Participated in Seven days online FDP under the topic of “Unconventional Machining Processes” organised by department of mechanical engineering, Sri Sai Ram Engineering College from 26th July to 2nd August 2021.
2		<ul style="list-style-type: none"> ➤ Mr. Nirmal Uma Shankar of Final Year won the SECOND PLACE in Individual Round 5 and overall THIRD PLACE in MECO - FMSCI NATIONAL KARTING CHAMPIONSHIP, conducted by mSPORT at Bangalore from 16th to 19th September, 2021.
3	SAE Event	<ul style="list-style-type: none"> ➤ Aurelian Racing Team 5.0 Members of II, III-, and IV-Year Mechanical Engineering students along with two faculty members for participated in the SAE m-BAJA Virtual Event 2022 organized by Chitkara University, Chandigarh, Punjab. Out of 400 teams across India, we have been selected in the top 150 and secured All India Rank - 63 & Tamil Nadu State Rank - 8. Our team has been selected for the main event to be conducted in the month of Jan 2022.

DEPARTMENT OF MATHEMATICS AND ENGLISH

Events	Remarks				
FDP/Workshop/Conference					
 <p>FACULTY DEVELOPMENT PROGRAM</p>	S. No	Name of the Staff	Topic Name	Date	Organized by
	1	Dr.V.Vallinayagam	Research Advances in Mathematics and its applications	02-08-2021 to 14-08-2021	Sathyabama Institute of Science and Technology, Chennai
	2	Dr.K.Sasikala	Research Advances in Mathematics and its applications	02-08-2021 to 14-08-2021	Sathyabama Institute of Science and Technology, Chennai
	3	Dr. Sweety I Diamond	Research Advances in Mathematics and its applications	02-08-2021 to 14-08-2021	Sathyabama Institute of Science and Technology, Chennai
	4	Dr. G. Meena Devi	Research Advances in Mathematics and its applications	02-08-2021 to 14-08-2021	Sathyabama Institute of Science and Technology, Chennai
	5	Mr. K.S. Sudhakar	Research Advances in Mathematics and its applications	02-08-2021 to 14-08-2021	Sathyabama Institute of Science and Technology, Chennai
	6	Mr. S. Manikanda Prabhu	Research Advances in Mathematics and its applications	02-08-2021 to 14-08-2021	Sathyabama Institute of Science and Technology, Chennai
	7	Mr. S. M. Balaji	Research Advances in Mathematics and its applications	02-08-2021 to 14-08-2021	Sathyabama Institute of Science and Technology, Chennai
	8	Dr. P. Agilan	Research Advances in Mathematics and its applications	02-08-2021 to 14-08-2021	Sathyabama Institute of Science and Technology, Chennai
	9	Dr. U. Venkateswara	Reading: Back to Basics	23-08-2021 to 31-08-2021	ELTAI
100	Mr. V. Sabarethinam	Reading: Back to Basics	23-08-2021 to 31-08-2021	ELTAI	
 <p>WEBINAR</p>	S. No	Name of the Staff	Topic Name	Date	Organized by
	1	Dr.V.Vallinayagam	Development of Governing Equation of Fluid Flow	02-08-2021 to 04-08-2021	KPR Institute of Engineering and Technology, Coimbatore
	2	Dr.K.Sasikala	Development of Governing Equation of Fluid Flow	02-08-2021 to 04-08-2021	KPR Institute of Engineering and Technology, Coimbatore
	3	Dr.H.Geetha	Development of Governing Equation of Fluid Flow	02-08-2021 to 04-08-2021	KPR Institute of Engineering and Technology, Coimbatore
			Relevance of Mathematics in Control Systems	07-08-2021	KPR Institute of Engineering and Technology, Coimbatore
	4	Dr. G. Venkat Narayanan	Relevance of Mathematics in Control Systems	07-08-2021	KPR Institute of Engineering and Technology, Coimbatore
	5	Dr.P.Agilan	Development of Governing Equation of Fluid Flow	02-08-2021 to 04-08-2021	KPR Institute of Engineering and Technology, Coimbatore
	6	Mr. V. Sabarethinam	Shaping Indian Diaspora: Literary and Cultural Representation of the Desi	01-08-2021	ELTAI
			The Need for Thinking Out of the Box	15-08-2021	ELTAI
			To Be, To Become & To Adopt Appropriate	21-08-2021	ELTAI

Technology for Teachers & Learners: A Wild
Goose Chase!



S. No	Name of the Staff	Topic Name	Date	Organized by
1	Dr.H.Geetha	Blended Learning through E Assessment: Moodle	12-08-2021 to 13-08-2021	SRMIST ,Ramapuram

DEPARTMENT OF SCIENCE

Sl. No.	Events	Remarks
3	FDP/Workshop/Conference	<p>Webinar Organised:</p> <p>1. Dr. V.N. Nandini Devi, Mr. S. Kaleel Mohamed Ibrahim, Dr. P. Krishnan organized a webinar on “Arivom Ariviyal” on 21.8.2021.</p> <hr/> <p>NPTEL TRANSLATION</p> <p>1. Dr. S.M. Prakash acted as NPTEL translator for the course “Basic principles and calculations in chemical engineering ” offered by IIT Guwahati .</p> <p>2. Ms. J. Sharmila acted as NPTEL translator for the course “Chemistry –I” offered by IIT Madras.</p> <p>3. Dr. S.Suresh acted as NPTEL translator for the course “Introductory Quantum Mechanics” offered by IIT Kanpur .</p> <hr/> <p>ATAL-AICTE FDP</p> <p>1. Dr. S.M. Prakash, Dr. V. Swarnalatha, Dr. B. Subash, Ms. S. Savitha, Dr. P. Saravanan, Ms. J. Sharmila, Dr. N.R. Rajagopalan attended ATAL- AICTE FDP on “Green technology and sustainability in chemistry” conducted by Adhiyaman College of Engineering, Hosur from 02.08.21 to 06.08.21</p> <p>2. Dr. A. Uma Devi attended ATAL-AICTE FDP on “Desalination by using Green Chemistry” conducted by National Institute of Foundry and Forge Technology, Ranchi from 09.08.2021 to 13.08.2021.</p> <p>3. Dr. A. Uma Devi attended ATAL-AICTE FDP on “Recent advances in management and processing of industrial and domestic waste” conducted by Siddaganga Institute of Technology, Tumakuru from 16.08.2021 to 20.08.2021.</p> <p>4. Dr. G. Murugan, Dr. K. Jayamoorthy, Dr. S.M. Prakash, Dr. V. Swarnalatha, Dr. B. Subash, Ms. S. Savitha, Dr. P. Saravanan, Dr. A. Uma Devi, Ms. J. Sharmila, Dr. N.R. Rajagopalan attended ATAL- AICTE FDP on “Recent advances in water treatment and desalination” conducted by University College of Engineering, Dindigul from 23.08.21 to 27.08.21</p> <hr/> <p>Participated:</p> <p>1. Dr. P. Krishnan, Mr. S. Kaleel Mohamed Ibrahim attended National online Faculty Development Program on “Synthesis, Characterization and Applications of Novel Materials” conducted by “Ramco Institute of Technology, Rajapalayam” from 02.08.21 to 06.08.21.</p>

2. Mr. S. Kaleel Mohamed Ibrahim attended National online Faculty Development Program on “Recent Research Advances Materials: Water and Waste Water Treatment” conducted by “Bharat Institute of Engg & Tech & Indian Ceramic Society, Hyderabad.” from 02.08.21 to 07.08.21.
3. Dr. S. Rama, Dr. K.Sathesh Kumar attended National webinar on “Matrices in Physics” conducted by “St.Xaviers College (Autonomous), Palayamkottai,” on 04.08.21.
4. Dr. P. Krishnan, Mr. S. Kaleel Mohamed Ibrahim attended National webinar on “Recent Trends In Materials Research” conducted by “Sri. H. D. Devegowda Government First Grade College-Paduvalahippe, Holenarsipura Taluk, Karnataka” on 06.08.21.
5. Ms. S. Savitha, Dr. S.M. Prakash, Dr. V. Swarnalatha, Dr. B. Subash, Dr. G. Murugan, Dr. P. Saravanan, Ms. J. Sharmila, Dr. N.R. Rajagopalan attended National webinar on “Role of nanotechnology for alternative energy sources” conducted by “Mahatma Gandhi University - Telangana” on 09.08.21.
6. Dr. P. Krishnan, Mr. S. Kaleel Mohamed Ibrahim attended Nationalonline Faculty Development Program on “Science Pedagogy” conducted by “Dwaraga Doss Goverdhan Doss Vaishnav College - Chennai” from 09.08.21 to 16.08.21.
7. Dr. S. Kiruba, Dr. K. Sathesh Kumar Ibrahim, Dr. N.R. Rajagopalan, Dr. A. Uma Devi attended International workshop on “Emerging Trends In The Field Of Science And Technology” conducted by “Sathyabama Institute of Science and Technology - Chennai” from 16.08.21 to 28.08.21.
8. Dr. V. Swarnalatha, Ms. J. Sharmila National webinar on “Insights on first and third generation solar cells” conducted by “Government Arts and Science College - Udumalpet,” on 18.08.21.
9. Dr. G. Murugan, Dr. V. Swarnalatha, Dr. A. Uma Devi, Dr. N.R. Rajagopalan, Ms. S. Savitha, Dr. B. Subash, Dr. S.M. Prakash attended Internationalwebinar on “Recent trends & Future prospects of nano and bio catalysis in green chemistry” conducted by “Government Arts and Science College - Hosur” on 19.08.21.
10. Dr. G. Murugan, Dr. V. Swarnalatha, Dr. A. Uma Devi, Dr. N.R. Rajagopalan, Ms. S. Savitha, Dr. B. Subash, Dr. S.M. Prakash attended National Faculty Development Program on “Interpersonal Skills and Students Engagement” conducted by “JP College of Arts and Science - Tenkasi” on 19.08.21.
11. Ms. A. Arulmozhi, Ms. A. Mahalakshmi, Dr. S. Rama, Dr. K. Satheshkumar, Dr. S. Suresh, Dr. G. Murugan, Dr. P. Saravanan, Dr. V. Swarnalatha, Dr. A. Uma Devi, Dr. N.R. Rajagopalan, Dr. K. Jayamoorthy Ms. S. Savitha, Dr. B. Subash, Dr. S.M. Prakash organized a webinar on “Arivom Ariviyal” on 21.8.2021.
12. Dr. V. Swarnalatha, Ms. S. Savitha, Ms. J. Sharmila attended National Faculty

		<p>Development Program on “Emerging Trends in Chemical Sciences” conducted by “Saranathan college of Engineering-Trichy” from 23.08.21 to 28.08.21</p> <p>13. Dr. G. Murugan, Dr. V. Swarnalatha, Dr. A. Uma Devi, Dr. N.R. Rajagopalan, Ms. J. Sharmila, Ms. S. Savitha, Dr. K. Jayamoorthy, Dr. B. Subash, Dr. S.M. Prakash attended International Faculty Development Program on “Current technology in Chemistry” conducted by “Easwari Engineering College - Ramapuram” from 23.08.21 to 27.08.21</p> <p>14. Ms. A. Mahalakshmi attended National webinar on “Functional Materials” conducted by “K.Ramakrishnan College of Engineering- Trichy,” from 23.08.21 to 24.08.21</p> <p>15. Ms. J. Sharmila, Ms. S. Savitha, Dr. V. Swarnalatha, Dr. N.R. Rajagopalan, Dr. B. Subash, Dr. A. Uma Devi attended National webinar on “3D Bioprinting- A chemist's perspective” conducted by “Anna Adarsh College for Women, chennai” on 25.08.21</p>
4	Symposium	Dr. K. Sathesh Kumar attended National online symposium on “Recent Advances in smart sensors” conducted by “SRM Institute of Science and Technology Ramapuramcampus” on 26.08.21.
10	Publications(only published) details	<p>1. Dr. S. RamaPublished a paper titled “The outbreak of novel Coronavirus 2019 (COVID-19) infection - pandemic in India; An implications and emerging health treatment” inJournal of Xi'an University of Architecture & Technology, 2021 , XIII (8) 1-10.</p> <p>2. Dr. S. Suresh, Dr. P. Saravanan, Dr. K. Jayamoorthy, Dr. B. Suabsh, Dr. S.M. Prakash, Dr.N.R. Rajagopalan, published a paper titled “Effect on hydrophobicity and antimicrobial behavior of epoxy resin due to silane functionalized TiO2 as nanofillers”, in International Journal of Polymer Analysis and Characterization, 2021, DOI: 10.1080/1023666X.2021.1964743</p>
12	Other activities(if any)	<p>Department of Science conducted the following online events for school students:</p> <ol style="list-style-type: none"> 1) Le lein– Connexions - 4.8.21 2) Yetenek - Shipwreck – 9.8.21 3) Conciencia Social seminar – 11.8.21 4) Graffiti Canvas – Pencil shading – 20.8.21 5) Graffiti Canvas – Doodling – 25.8.21 6) Brain teasers – 30.8.21 7) La pensee – Creative Photography – 31.8.21