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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.



JUNE 2021

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. Events Conducted

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

1. Webinar on “IC Fabrication: A Practical Perspective”	Report
	<p>Webinar on “IC Fabrication: A Practical Perspective” conducted on 4.06.2021 from 6.00 P.M to 8.00 P.M by department of ECE, St. Joseph's College of Engineering, exclusively for ECE students. We collected feedback from all our <u>participants</u>, and it is observed that they have found the program to be useful and informative. We distributed E-certificate to the participants through their registered mail id on 5.6.2021.</p> <p>Total Number of Active Participants: 121</p> <p>Dr.R.Avudaiammal, Professor, department of ECE started</p>

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Organizes a Webinar on

IC Fabrication: A Practical Perspective
(For ECE Students)



Mr. S. Chella Kumar
CAD Engineer,
Infinera India Pvt.Ltd.,
Bengaluru, Karnataka.



4th June 2021
6 p.m to 7.30p.m

Register Here:
<https://forms.gle/vva8bVSr85WNUwe7A>

E- Certificates will be provided

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

Convenors

Dr. B. Victoria Jancee, M.E, Ph.D., HOD - Staff Affairs	Dr. S. Aghalya, M.E, Ph.D., HOD - Student Affairs	Dr. P. Bzhllarasi, M.E,Ph.D., HOD - Lab Affairs
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Staff Co-ordinators

Dr.RAvudaiammal, M.E, Ph.D., Professor	Dr.A.Swarnalatha, M.E, Ph.D., Professor	Mrs.S.Devipriya M.E., Assistant Professor
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the event by giving a welcome address on evolution of IC Fabrication and its applications. Mrs.S.Devipriya Assistant Professor of ECE department presented the citation of the resource person. Resource person Mr.S. Chellakumar, CAD Engineer of Infinera, Bengaluru insisted that IC fabrication has been a trending priority in the field of electronics and devices since a long time. He gave a crystal-clear explanation about the step-by-step procedure of IC fabrication in an interactive way with live demonstration. He clarified the doubts raised by the students. He motivated the students to do their project in VLSI domain in order to get placement in electronics / hardware based industries. Webinar was concluded by Dr.A.Swarnalatha, Professor, department of ECE with the Vote of Thanks.

2. Webinar on “Programming Timers and Counters for Embedded System Applications”

Report

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COUNSELLING CODE: 1317

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 Organizes a Webinar on
**Programming Timers and Counters for
 Embedded System Applications**
 (For ECE Students)



Dr. G. A. Rathy M.E., Ph.D.,
 Associate Professor
 EE & CE Department
 NITTTR, Chennai




7th June 2021
3 pm to 4:30 pm


For registration:
<https://bit.ly/3i4nDHg>


E- Certificates will be provided

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

Staff Co-ordinators

Dr. Shirley Selvan, M.E., Ph.D.
 Associate Professor

Mrs. R. Madhumitha, M.E.
 Assistant Professor

Student Co-ordinators

D. Vignesh III Year

D. Vasanthi III Year

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An online Webinar on ‘Programming Timers and Counters for Embedded system Applications’ was successfully conducted by the department of Electronics and Communication Engineering for students on 7th June 2021. The program was conducted using Google meet app. The session was conducted in the evening from 3.00 pm to 4.30 pm. The Webinar was organized by Dr. Shirley Selvan, Associate Professor, and Mrs. R. Madhumitha, Assistant Professor.

The speaker of the session was Dr. R. A. Rathy, Associate Professor, EE & CE Department, NITTTR, Chennai. The topic was well presented and was very interesting and beneficial. The final year students enlightened the gathering about the evolution of Microprocessors. The speaker started the session with a quiz on basics of Microcontroller. This was followed by an explanation on Timers and Counters of 8051 Microcontroller. She demonstrated the working of Timers using programs. She closed the session with a quiz on the topics discussed.

The Webinar received a response of 140 participants who were benefited through the program and certificates were issued to them. Based on the feedback from our participants, it is noted that they have found the session to be exceedingly useful and informative. 90% of the participants were of the opinion that the Webinar met their expectations and content delivery by the resource person was excellent.

3. Webinar on “Machine Vision Systems”

Report



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Organizes a Webinar on

Machine Vision Systems

(For ECE Students)



Mrs. Anitha Varadarajulu B.E., M.E.,

(Alumni 2002 - 2006 Batch/ ECE)

Edu Co Ordinator,

Brickwayz Stem Robotics,

Chennai.



9th June 2021
6 pm to 7pm



Register Here: <http://bit.ly/0906mvs>



E- Certificates will be provided

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Assistant Professor

Mrs. K. Jasmine Mystica, M.E.,
Assistant Professor

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A webinar “MACHINE VISION SYSTEMS” was organized by the department of Electronics and Communication Engineering on 09.06.2021 using Google Meet app between 06.00 p.m and 07.00 p.m.

Mrs.Anitha Varadarajulu., EDU Co-ordinator, Brickwayz stem robotics, Chennai gave an interesting presentation on “Machine vision systems”. Altogether 86 participants got benefitted out of this webinar. Feedback collected from the participants signified the usefulness of the event and their interest in participating future events under our banner. E-Certificates were mailed to all 86 participants as an acknowledgement of their participation.

4. Webinar on Making Impossible- “I’ am Possible”

Report



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Organizes a Webinar on

Making Impossible - "I'm Possible"
 A walk-through to achieve a successful career



Ms. Aishwarya E, B.E.
 (Alumni 2016 - 2020 Batch / ECE)
 Associate Engineer,
 Commvault



12th June 2021
4:30 - 5:30 pm



**E- Certificates will
 be provided**



For registration:
<https://forms.gle/u3FQXhSheb62a9do8>

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Mr. B. Shashi Sekar, M.Sc.
 Director, St. Joseph's Group of Institutions
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 Dean (Research), St. Joseph's College of Engineering

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 HOD - Student Affairs
Dr. P. Ezhilarasi, M.E., Ph.D.
 HOD - Lab Affairs

Staff Coordinator
 Mrs. P. Elaveni, M.E.
 Assistant Professor

Student Coordinator
 Mr. J. Jayaseelan, III Year

For Admissions

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A webinar titled "Making Impossible Possible" was organized by the department of Electronics and Communication Engineering on 12.06.2021 using Google Meet app between 04:30 to 5:30 p.m. presented by Ms. Aishwarya E, working as an associate engineer, Commvault. She is our department alumni (2016-2020 Batch).

The webinar was conducted to provide students with an idea about how to make themselves stand out and become hireable.

A total of 50 students participated in the webinar.

Aishwarya gave the participants a clear idea about what to expect and how to prepare for interviews and get their dreamjob.

5. Guest Lecture Series – Talk : 01

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Organizes
GUEST LECTURE SERIES - TALK : 01
(An Online series of talks in Emerging technologies and skills exclusively for ECE Students)

IoT in Health Care and Automobile Industry



Mr. Ashwin Seshadri
Associate General Manager
Motherson, Chennai

14th June 2021
6 p.m to 7.30 p.m

E- Certificates will be provided

Register here: <https://tinyurl.com/ke4meftt>

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HOD - Staff Affairs

Dr. J. Martin Leo Manickam, M.E., Ph.D.,
Professor

Mr. B. Shashi Sekar, M.Sc.,
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HOD - Student Affairs

Mr. K. Venkatesan, M.E.,
Assistant Professor

Convenors
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HOD - Lab Affairs

Co-ordinators
Mrs. S. Devipriya M.E.,
Assistant Professor

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The Department of Electronics and Communication Engineering, St. Joseph's College of Engineering, organized an online Guest Lecture Series talk for the students of the Electronics and Communication Department. The objective of the series is to provide a platform to learn the emerging technologies and skills in the field of Electronics and communication Engineering.

In the first talk, Mr. Aswin Seshadri, Associate General Manager, Motherson, Chennai delivered a webinar on IoT in Healthcare and Automobile Industry. Dr. J. Martin Leo Manickam welcomed him and the student participants from the ECE department. Mrs. S. Devipriya read his citation, followed by which the speaker shared the basics of IoT and described various layers in IoT architecture. He addressed various applications IoT specific to healthcare and automobile industry. He also clarified the doubts of the students with his remarkable explanatory.

The session was held in Google Meet and also streamed it on YouTube at <https://youtu.be/eIUfSTUi844>. 93 students were benefitted from this talk. Towards the end of the session, the participants were made to submit a attendance and feedback form (Google Form). At the end of the session, Mr. K. Venkatesan proposed the vote of thanks.

Total Number of Active Participants: 93

Report

6. Motivational Talk -To get super dream placement offer



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 Organizes

MOTIVATIONAL TALK
TO GET SUPER DREAM PLACEMENT OFFER

(For ECE Students)



Ms. SINDHU RETNASWAMY

2016-2020 batch Alumnus
 Member of Technical Staff,
 Adobe Systems.



For Registration:

<https://forms.gle/8XTiuRsWu2TvKzsg6>



18th June 2021
 10 am to 11 am



E-Certificates will be provided

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 HOD - Lab Affairs

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Dr. P. Latha, M.E., Ph.D. Associate Professor
Dr. A. M. Balamurugan, M.E., Ph.D. Associate Professor
Dr. S. Vinayagapriya, M.E., Ph.D. Associate Professor

Student Co-ordinators

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A Motivational Talk for ECE Students on “TO GET SUPER DREAM PLACEMENT OFFER” was organized by the Department of ECE on 12.06.2021 between 10.00am and 11.00am. The objective of this talk was to help students share with the required technical and soft skills that would improve their employability in software and core company placements.

Ms. Sindhu Retnaswamy- Member of Technical Staff, Adobe Systems shared her experience and motivated the students to acquire more knowledge in coding.

Total number of Active Participants: 120

From the feedback, it was observed that this motivational talk was very much useful and informative. E-Certificates were provided to all the participants.

7. OSA Student Chapter- Webinar on INNOVATION GENESIS

Report

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COUNSELLING CODE : 1317

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
in association with
OSA STUDENT CHAPTER
PRESENTS
A WEBINAR ON
INNOVATION GENESIS
(For Engineers, Faculties, Researchers)

JUNE 19, 2021
6 PM TO 7.30 PM

FREE REGISTRATION
<https://forms.gle/Dg6h2dCzUJEUppQ48>

Dr. R. Ananth Kumar
Vice President
SRM Innovation and Incubation Centre

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Convenors

<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>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> <p>Niranjana devi J +91 9940620025</p>
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*For Admissions : Visit www.stjosephs.ac.in / stjosephstechnology.ac.in or Contact : 9940104881 / 9940104882

An International webinar for Engineering Students, Faculty members, Researchers and Educational Experts on the topic “**INNOVATION GENESIS**” was organized by the department of ECE in association with OSA student chapter on **19.06.2021** using Google meet app between 6.00 PM to 7.30 PM.

The **webinar** was presented by Dr. R. Ananth Kumar, Vice President, SRM Innovation and Incubation centre, SRM University. Totally **240** members participated from **St. Joseph's group and various other Engineering colleges** all over the globe and got benefited. This webinar provided an opportunity of understanding the concept of Innovation on new technology.

The webinar started with an Ice break up session, where the speaker interacted with the participants and shared his views in current research topics. From the **feedback** submitted by the participants it is observed that this webinar was very much **useful and informative** for all and in future many such webinars may be organized for understanding the current research areas.

E-Certificate was issued to all the 50 participants as an acknowledgement of their participation.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PRESENTS

Webinar Series - Week 1

Professionals' Paradigms

Bridging Academia and Industry...

RESOURCE PERSONS

20/06/2021



Slot 1: 09:00 am - 10:00 am
Mr. Lenord Melvix M.S.,
Machine Learning Engineer,
Google, USA



Slot 2: 10:00 am - 11:00 am
Mr. Naveenkumar Sekar
Hardware Design Engineer,
Valeo, France

Deep Learning for Computer Vision

Career in Automotive Industry



E-Certificates
will be provided

<https://sites.google.com/view/professionals-paradigms>



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HOD - Student Affairs

Mr. M. Lingeshwaran, M.E., (Ph.D.)
Assistant Professor

Dr. P. Ezhilarasi, M.E., Ph.D.
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Mr. C. D. Vignesh, M.E.
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Student Coordinator

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9. Guest Lecture Talk Series - Talk:02
Industry Trends in Cloud Computing Applications

Professionals' Paradigms-Week 1 of Webinar Series was organized by the Department of Electronics and Communication Engineering on 20.06.2020 using GoToMeeting platform for slot 1 between 09.00 a.m. and 10.00 a.m. for slot 2 between 10:00 a.m. and 11:00 a.m.

Mr. Lenord Melvix M.S., Machine Learning Engineer, Google, USA gave an overview on Deep Learning for Computer vision. Mr. Naveenkumar Sekar, Hardware Design Engineer, Valeo, France gave a deep insight of Career in Automotive Industry. The faculties and students from St. Joseph's Group of Institutions participated in this webinar. Altogether 67 participants got benefitted out of this webinar. Feedback collected from the participants signified the usefulness of the event and their interest in participating future events under our banner. E-Certificates were mailed to all the 67 participants as an acknowledgement of their participation

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GUEST LECTURE SERIES - TALK : 02
(An Online series of talks in Emerging technologies and skills exclusively for ECE Students)

Industry Trends in Cloud Computing Applications



Mr. Josh Muthumani
Senior Manager
Capgemini Americas, USA
(ECE Alumni 2006 Batch)

25th June 2021
6 p.m to 7.30 p.m

*E-Certificates
will be provided*

Register here: <https://tinyurl.com/5559h99f>

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Professor

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Assistant Professor

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Assistant Professor

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Contact: 9940104881 / 9940104882

The Department of Electronics and Communication Engineering, St. Joseph's College of Engineering, organized an online Guest Lecture Series talk for the students of the Electronics and Communication Department. The objective of the series is to provide a platform to learn the emerging technologies and skills in the field of Electronics and communication Engineering.

In the first talk, Mr. Josh Muthumani, Senior Manager, Capgemini Americas, USA delivered a webinar on Industry Trends in Cloud Computing Applications. Dr. J. Martin Leo Manickam welcomed him and the student participants from the ECE department. Mrs. S. Devipriya read his citation, followed by which the speaker shared the basics of IoT and described various layers in IoT architecture. He addressed various applications IoT specific to healthcare and automobile industry. He also clarified the doubts of the students with his remarkable explanatory.

The session was held in Google Meet and also streamed it on YouTube at <https://youtu.be/eIUfSTUi844>. 76 students were benefitted from this talk. Towards the end of the session, the participants were made to submit an attendance and feedback form (Google Form). At the end of the session, Mr. K. Venkatesan proposed the vote of thanks.

- Total Number of Active Participants: 76**
GENERAL FEEDBACK:
1. The resource person was knowledgeable on the topic.
 2. The program was well paced within the allotted time.

10. Webinar on STEER TOWARD CAREER

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INSTITUTION'S INNOVATION COUNCIL
 (Ministry of HRD Initiatives)

nirf ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS

ARIIA

NAAC A+

NBA NATIONAL BOARD OF ACCREDITATION

Cambridge English Qualifications

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Organizes a Webinar on
STEER TOWARD CAREER
 (For ECE Students)
 2015-2019 batch *Alumnus*

Ms. Patricia Gilbert
 Decision Scientist,
 Mu Sigma.

Ms. Persis Jerifa Nelson
 Senior software
 developer,
 Value Labs.

Mr. K. P. Raveendran
 Assistant System
 Engineer
 TCS

For Registration:
<https://forms.gle/hmkTujXdWjGjy4dD9>

26th June 2021
5 pm to 6:30 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.
 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.E., M.B.A., Ph.D.
 Dean (Research), St. Joseph's College of Engineering

Convenors

Dr. B. Victoria Jancee, M.E., Ph.D.
 HOD - Staff Affairs

Dr. S. Aghalya, M.E., Ph.D.
 HOD - Student Affairs

Dr. P. Eshilarasi, M.E., Ph.D.
 HOD - Lab Affairs

Staff Co-ordinators

Dr. J. Sivakumar, M.E., Ph.D.
 Associate Professor

Dr. A. M. Balamurugan, M.E., Ph.D.
 Associate Professor

Dr. P. Latha, M.E., Ph.D.
 Associate Professor

Dr. S. Vinayagapriya, M.E., Ph.D.
 Associate Professor

Student Co-ordinator
 Mr. D. Vignesh III Year

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

11. Webinar Series – WEEK 2 Professionals’ Paradigms

3. The Session was Interactive and Informative.

Report

A webinar for ECE Students on “STEER TOWARD CAREER” was organized by the Department of ECE on 26-06-2021 at 5.00 pm IST. The objective of this webinar was to help students acquire the required technical and soft skills that would improve their employability in software and core company placements.

The speakers were Ms. Patricia Gilbert, Decision Scientist Mu Sigma, Ms. Persis Jereva Nelson, Senior software developer Value Labs and Mr. K. P. Raveendran, Assistant System Engineer TCS were all ECE Alumni of 2019 batch. Students from second and third year participated in the session. The first speaker Ms. Persis Jereva Nelson gave an overview of the recruitment process in and also provided deep insights on strengthening the student's quantitative, verbal and reasoning skills. The second speaker Ms. Patricia Gilbert shared her experiences on preparing for the aptitude test and the technical round of the selection process. The third speaker Mr. K. P. Raveendran gave brief insights on various aspects like goal setting, career planning, time management etc. 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 such webinars may be organized. E-Certificates were issued to all the participants.

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.

27
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Counselling Code: 1317

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
PRESENTS
Webinar Series - Week 2
Professionals' Paradigms
Bridging Academia and Industry...
27/06/2021

<p>RESOURCE PERSONS</p> <p>Slot 1: 09:00 am - 10:00 am</p> <p>Ms. I. Abisha Cynthia Semiconductor Device Engineer, NXP Semiconductors, USA</p> <p>Industrial Trends in Semiconductor Fabrication</p>	<p>Slot 2: 10:00 am - 11:00 am</p> <p>Mr. Yogaraj Kumar New Business Development Officer, SD Eibar, Spain</p> <p>Passion to Profession</p>
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For Registration:
<https://sites.google.com/view/professionals-paradigms>

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

<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.E., M.B.A., Ph.D. Dean (Research), St. Joseph's College of Engineering</p>	<p>Staff Coordinators</p> <p>Dr. A. K. P. Kovendan, M.E., Ph.D. Assistant Professor</p> <p>Mr. C. Ashok, M.E., (Ph.D.) Assistant Professor</p> <p>Mr. K. Ramachandra Reddy, M.E., (Ph.D.) Assistant Professor</p> <p>Student Coordinator D. Vignesh III Year</p>
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For Admissions
Visit: www.stjosephs.ac.in / www.stjosephstechnology.ac.in
Contact: 9940104881 / 9940104882

The “Professionals' Paradigms” webinar series - week 2 was organized by the Department of Electronics and Communication Engineering on **27.06.2021** using the GoToMeeting platform as slot 1 between 09.00 a.m. and 10.00 a.m. and slot 2 between 10:00 a.m. and 11:00 a.m.

In slot 1, **Ms. I. Abisha Cynthia, Semiconductor Device Engineer, NXP Semiconductors, USA**, delivered a webinar talk on “Industrial Trends in Semiconductor Fabrication”. In slot 2, **Mr. Yogaraj Kumar, New Business Development Officer, SD Eibar, Spain**, delivered a webinar talk on “Passion to Profession”. The faculties and students from St. Joseph’s Group of Institutions participated in this webinar. Totally, 56 students participated and benefitted from this webinar. The feedback collected from the participants signified the usefulness of the event and their interest in participating future events as well. E-Certificates were mailed to all the 56 participants as an acknowledgment of their participation.

12. OSA Student Chapter

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
COUNSELLING CODE : 1317

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

A WEBINAR ON
PASSION AND PERSEVERANCE
(For Engineers, Faculties, Researchers)

For Registration



<https://forms.gle/mAGVF11QGMBmBt9WA>


Mrs. Cherubina Hosannah
Alumna 2013 - 2017 Batch / ECE
Content Marketer,
Zoho Corporation

JUNE 30
6.30 PM
to
8.00 PM

E-Certificate
will be
provided to the
participants

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

Patrons

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

Dr. B. Victoria Jancee M.E., Ph.D. HOD - Staff Affairs	Dr. B. Vasudevan M.E., Ph.D. Associate Professor
Dr. S. Aghalya M.E., Ph.D. HOD - Student Affairs	
Dr. P. Ezhilarasi M.E., Ph.D. HOD - Lab Affairs	

Co-ordinator

Student Co-ordinators

Mr. Harish Namasivayam 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

An International webinar for Engineering Students, Faculty Members, Researchers and Educational Experts on the topic “**PASSION and PERSEVERANCE**” was organized by the department of ECE in association with OSA student chapter on **30.06.2021** using Google meet app between 6.30 PM to 8.00 PM. The **webinar** was presented by Mrs. Cherubina Hosannah, Alumna 2013-2017 Batch/ECE, Content Marketer, ZOHO corporation. Totally **50** members participated from **St. Joseph's group and various other Engineering colleges** all over the globe and got benefited. This webinar provided an opportunity of understanding the concept of how to choose our Passion and how to persevere it. The webinar started with an Ice break up session, where the speaker interacted with the participants and shared her views in current research topics. From the **feedback** submitted by the participants it is observed that this webinar was very much **useful and informative** for all and in future many such webinars may be organized for understanding the current research areas. **E-Certificate** was issued to all the 35 participants as an acknowledgement of their

2. Workshop/Certificate Course:**The following staff members have attended the Workshop/Certificate Course held during May 2021 at National/International Level**

S. No.	Name of the Staff	Title of the Event/Course	Organization	Duration	Date of Completion
1	Dr. P. Latha	Workshop on Intellectual Property Rights Regime and its Impact	the Department of Electrical and Electronics Engineering of AMET Deemed to be University, Chennai In collaboration with Tamil Nadu State Council for Science and Technology, Govt of India.(TNSCST).	1 day	25.5.2021
2.	Mrs. E. Malarvizhi	Workshop on Intellectual Property Rights Regime and its Impact	the Department of Electrical and Electronics Engineering of AMET Deemed to be University, Chennai In collaboration with Tamil Nadu State Council for Science and Technology, Govt of India.(TNSCST).	1 day	25.5.2021

3. FDP/STTP:**The following staff members have attended FDP/STTP held during May 2021**

S. No.	Name of the Staff	Webinar/ FDP /STTP/Workshop	Duration	Event Date
1.	Dr. R. Avudaiammal	Applied Data Science and Machine Learning at CSE, St. Joseph's College of Engineering	6 days	31.05.2021 to 05.06.2021
2.	Dr.P. Ezhilarasi	Digital Image Processing at GCT, Coimbatore	5 days	24-.05.2021 to 28.05.2021
3.	Dr.S. Rajeshkannan	Digital Image Processing at GCT, Coimbatore	5 days	24-.05.2021 to 28.05.2021
4.	Dr.D.Lakshmi	Trends and Challenges in Machine Learning and Deep Learning organized by Department of IT, Easwari Engineering College, Chennai	Two weeks	10.5.2021 to 21.5.2021
5.	Dr. B. Vasudevan	Artificial Intelligence and Machine Learning for Signal Processing at Trident Academy of Technology, Bhubaneswar, Odisha.	6 days	24.5.2021 to 29.5.2021
6.	Dr. S. Vinayagapriya	Innovative Research Prospects in Communication, Power system and Machine Learning Technique at Jeppiaar Institute of Technology, Chennai	6 days	17.5.2021 to 21.05.2021
7.	Mrs. P. Thenmozhi	Current Trends and Projections in Electrical,Electronics,Computer,Civil& Mathematical Engineering at St.Mother Theresa Engineering College,Thoothukudi	3 days	11.5.2021 to 13.5.2021
8.	Mr. M. Lingeshwaran	Advanced Electromagnetics and Applications at Sri Sivasubramaniya Nadar College of Engineering, Rajiv Gandhi Salai, Kalavakkam, Chennai 603 110	5 days	24.05.2021 to 28.05.2021
9.	Mr. C. Ashok	Artificial Intelligence and Machine Learning for Signal Processing at Trident Academy of Technology, Bhubaneswar, Odisha.	6 days	24.5.2021 to 29.5.2021

4. Webinars:

The following staff members have attended Webinars held during May 2021 at National/International Level

S. No.	Name of the Staff	Webinar/ FDP /STTP/Workshop	Level	Event Date
1.	Dr. J Martin Leo Manickam	Internet of Things with MATLAB and ThingSpeak organized by NITTR, Chennai	International	27.5.2021(1 day)
		Artificial Intelligence and Machine Learning using MATLAB	International	28.5.2021(1 day)
2.	Dr. R. Avudaiammal	Internet of Things with MATLAB and ThingSpeak organized by NITTR, Chennai	International	27.5.2021 (1 day)
		Artificial Intelligence and Machine Learning using	International	28.5.2021 (1 day)

		MATLAB organized by NITTR, Chennai		
3.	Mr. R. Prabhu	Webinar on Remote Sensing , at JaiShriram Engineering College. Tripur	International	12.5.2021 (1 day)
4.	Dr. D. Lakshmi	Internet of Things with MATLAB and ThingSpeak organized by NITTR, Chennai	International	27.5.2021 (1 day)
		6G Technology organized by Vishnu Institute of Technology	International	28.5.2021 (1 day)
5.	Mrs.E Malarvizhi	Artificial Intelligence and Machine Learning using MATLAB organized by NITTR, Chennai	International	28.5.2021(1 day)
6.	Mrs. P. Thenmozhi	Artificial Intelligence and Machine Learning using MATLAB organized by NITTR, Chennai	International	28.5.2021(1 day)

5. Publications:

The following staff member have published the research papers during the month of May 2021 in Journals/ Conferences at National/International Level

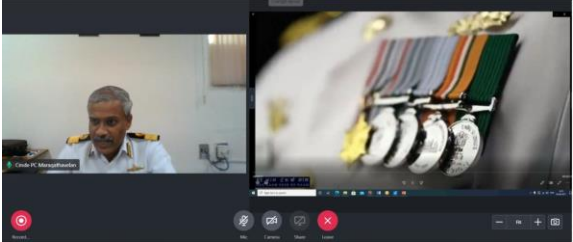

S. No.	Name of the Author	Paper Title	Name of the Journal/Conference	Publication Details	Date of Publication
1.	<i>Dr. P. Ezhilarasi</i>	An Advaced Optimzed Transmissuion Technique for parameter estimation in WSN	Solid State Technology	Vol.64, Issue 2, Scopus Indexed	May 2021

DEPARTMENT OF MECHANICAL ENGINEERING


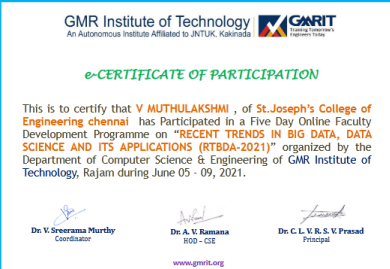
Sl No	Name of the Activity	Remarks
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<p>1</p>	<p>St. JOSEPH'S COLLEGE OF ENGINEERING (An Autonomous Institution) St. Joseph's Group of Institutions Jeppiaar Educational Trust OMR, Chennai - 119</p> <p>Counselling code : 1317</p> <p>Department of Mechanical Engineering In association with Bhumi</p> <p>11/06/2021 Friday 4 - 5 pm</p> <p>Registration link: https://forms.gle/T0ZE4DEGA5p0BdhLA</p>	<p>➤ An Event which focused on disposal of waste in a efficient manner in association with Bhumi conducted on 11.06.2021</p>
<p>2</p>	<p>St. JOSEPH'S COLLEGE OF ENGINEERING (An Autonomous Institution) St. Joseph's Group of Institutions Jeppiaar Educational Trust OMR, Chennai - 119</p> <p>Counselling Code:1317</p> <p>DEPARTMENT OF MECHANICAL ENGINEERING Presents</p> <p>Alumni talk series #5 On Introduction to Nano Science and Technology - Career Opportunities By Mr.KALAIYANAN LOGANATHAN (2015 passed out)</p> <p>07.06.2021, 5:30PM to 6:30 PM</p> <p>For Registration: https://forms.gle/3iqt8Uxv5x8d48Z</p>	<p>➤ Introduction to Nano Science was briefed to the students which was conducted on 07.06.2021.</p>



<p>2</p>		<p>➤ A webinar on “Excellence with Excel” was conducted on 05.06.2021. Shortcuts on MS Excel was briefed to the participants</p>
<p>3</p>		<p>➤ A Webinar on New Product development in Automotive Industries was organized on 05.06.2021. Industrial Person Mr.Venkateshwaran.G, Section Manager, Renault Nissan private limited gave a valuable lecture on the topic which was very useful to the students.</p>
<p>4</p>		<p>➤ A Program for the students to step in to Navy was organized which was very useful to the student community to achieve their goal</p>


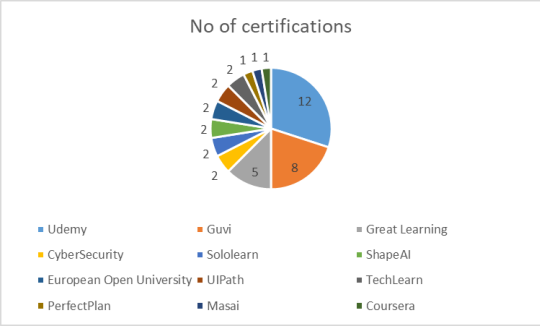
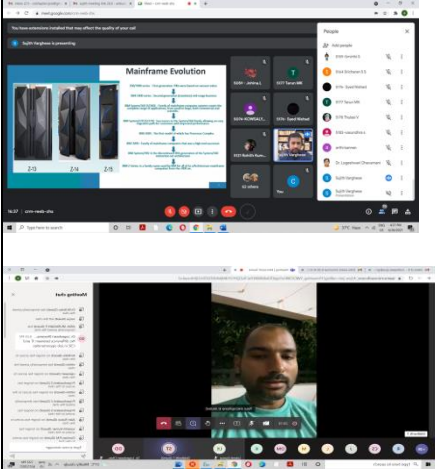
		
5		<ul style="list-style-type: none"> ➤ Webinar to make the students to understand the Importance of E-learning was conducted. Various online platforms was introduced to the students
6		<ul style="list-style-type: none"> ➤ Essay Writing Competition for School students was conducted on the topic Save Trees Save lifes
7		<ul style="list-style-type: none"> ➤ A Webinar was conducted on ,” Careers in HVAC Industries”.Mr.Vijay, gave a brief lecture to the students about the career oppurtunities in the HVAC industries on 22.6.2021
8		<ul style="list-style-type: none"> ➤ A Webinar was conducted on ,”Design engineering as a career option”.Mr.M.saikrishna,Design Engineer,Aquatech gave a brief lecture to the students about the career oppurtunities in the design field on 10.6.2021

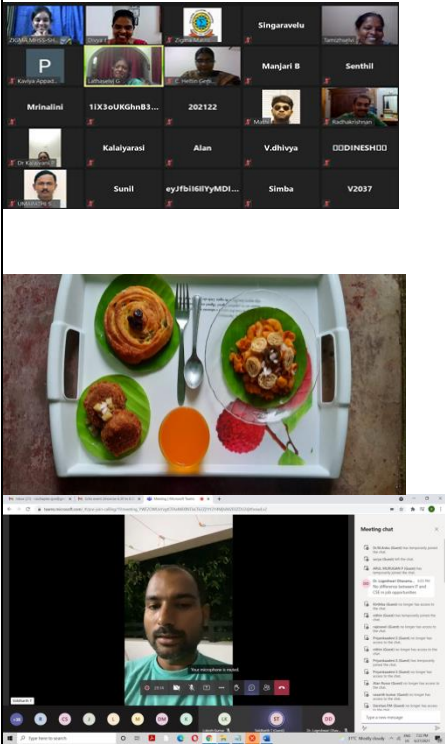




DEPARTMENT OF INFORMATION TECHNOLOGY

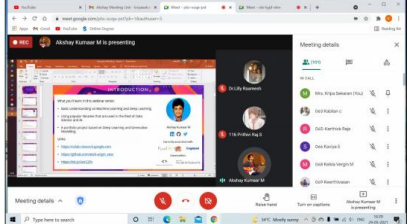
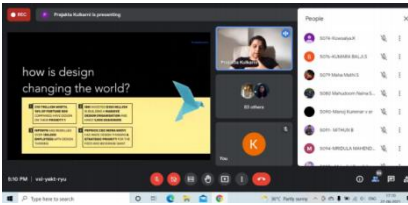
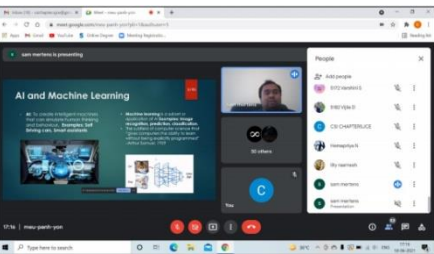
Sl. No.	Photographs Captured During Events	Corresponding remarks in regarding the status of activity execution																													
1	  <p style="text-align: center; margin-top: 10px;">Certificates received through Online Seminar/ FDP</p>	<p style="text-align: center;">Online Seminar/ FDP Attended by Faculty</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">S.No</th> <th style="width: 30%;">Title of the topic</th> <th style="width: 20%;">Name of the Staff</th> <th style="width: 20%;">Conducted By</th> <th style="width: 25%;">Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>Online Orientation Training Programme for Mentors</td> <td>Dr. Lilly Raamesh</td> <td>AICTE, National Initiative for Technical Teachers Training</td> <td>15-3-2021 to 19-3-2021 (5 days)</td> </tr> <tr> <td style="text-align: center;">2.</td> <td>Online FDP on Blockchain with Cyber Security</td> <td>K. Priyadharshini M. Janani P. Thilakavathy</td> <td>Easwari Engineering College, Chennai</td> <td>24-5-2021 to 29-5-2021 (6 days)</td> </tr> <tr> <td style="text-align: center;">3.</td> <td>Online FDP on Artificial Intelligence and its Applications</td> <td>Dr. S. Duraimurugan</td> <td>AICTE Training and Learning Academy, New Delhi.</td> <td>07-06-2021 to 11-06-2021 (5 days)</td> </tr> <tr> <td style="text-align: center;">4.</td> <td>Five Day Online FDP on Recent Trends in Big Data, Data Science and Its Applications</td> <td rowspan="2" style="text-align: center; vertical-align: middle;">V. Muthulakshmi</td> <td>Department of CSE, GMR Institute of Technology, Kakinada</td> <td>5-6-2021 to 9-6-2021 (5days)</td> </tr> <tr> <td style="text-align: center;">5.</td> <td>Naya Bharat E-Series</td> <td>School Education Expert Group, Unnat Bharat Abhiyan, Ministry of Education</td> <td>29-11-2020 to 9-5-2021</td> </tr> </tbody> </table>	S.No	Title of the topic	Name of the Staff	Conducted By	Date	1.	Online Orientation Training Programme for Mentors	Dr. Lilly Raamesh	AICTE, National Initiative for Technical Teachers Training	15-3-2021 to 19-3-2021 (5 days)	2.	Online FDP on Blockchain with Cyber Security	K. Priyadharshini M. Janani P. Thilakavathy	Easwari Engineering College, Chennai	24-5-2021 to 29-5-2021 (6 days)	3.	Online FDP on Artificial Intelligence and its Applications	Dr. S. Duraimurugan	AICTE Training and Learning Academy, New Delhi.	07-06-2021 to 11-06-2021 (5 days)	4.	Five Day Online FDP on Recent Trends in Big Data, Data Science and Its Applications	V. Muthulakshmi	Department of CSE, GMR Institute of Technology, Kakinada	5-6-2021 to 9-6-2021 (5days)	5.	Naya Bharat E-Series	School Education Expert Group, Unnat Bharat Abhiyan, Ministry of Education	29-11-2020 to 9-5-2021
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Sl. No.	Photographs Captured During Events	Corresponding remarks in regarding the status of activity execution
2	 <p>Published a paper in Journal of Nano and Electronic Physics (Scopus Indexed Journal) Co-Author: V. Muthulakshmi</p>	<p>Papri Ghosh, Ritam Dutta, V. Muthulakshmi, “Slime Mold Algorithm Based Hybridized Artificial Neural Network Model for Efficient Automatic Voltage Regulation Control”, Journal of Nano and Electronic Physics, DOI: 10.21272/jnep.13(3).03038, Print ISSN: 2077-6772, E ISSN: 2306-4277, Vol. 13 No 3, 03038(6pp), 2021. (Scopus Indexed Journal)</p> <p>Abstract. A novel approach for efficient automatic voltage regulation (AVR) control using hybridized artificial neural network (ANN) model has been proposed in this research work. The novel automatic voltage regulator tuning using an improved neural network has been proposed in this paper. Artificial neural network has been used as focused time delay neural network (FTDNN). Validation is performed by comparing with the methods of feed-forward backpropagation neural networks, cascade-forward backpropagation neural networks, Elman-recurrent neural networks, focused time-delay neural networks and Distributed Time Delay Neural Networks (DTDNN). This hybridized ANN model incorporated a metaheuristic method namely Slime Mold Algorithm (SMA) for obtaining improved result on AVR control. SMA has characteristics that uses adaptive weights to simulate the process to generate feedback from the movement of bio-oscillator-based slime molds in foraging, exploring, and exploiting areas. The performance of the proposed method is focused on speed and rotor angle. The proposed method is compared with other neural network methods in a broad set of benchmarks to verify system efficiency. Promising results were obtained in tuning the AVR under 30 %, 60 % and 90 % loading conditions at slime mold count of 50.</p>
3	 <p>Presented a paper in International Conference on Recent Emerging Science, Engineering & Advanced Research in Communication and Healthcare Author: V. Muthulakshmi Student Authors: Juliet Maria, Pratheeba</p>	<p align="center">(Staff and Student Publication)</p> <p>V. Muthulakshmi, Juliet Maria, Pratheeba, “Fake News Detection”, International Conference on Recent Emerging Science, Engineering & Advanced Research in Communication and Healthcare-2021 (ICRESEARCH-2021), Aarupadai Veedu Institute of Technology of Vinayaka Mission’s Research Foundation, ISBN No. 978-93-5473-898-2, Chennai, 4-5 June 2021.</p> <p>Abstract. Consuming news from social media is a double-edged sword. People search out and read news from social media because its affordable, easy to access, and rapid circulation of data. On the flip side, it enables the fake news to spread on a large scale. There is an increasing concern in the preciseness of information present in the internet particularly in social media but web-scale data hinders the ability to spot, analyze and rectify that information. Detecting fake news on social media has peculiar characteristics and confrontations because of this the existing algorithms for detecting and identifying the fake news from original news becomes ineffective or inapplicable. First, fake news is published with the intent of deceiving readers by presenting false information, this leads to difficulties in detecting supported news articles. As a result, we'd like to provide secondary information, such as engaging in media by user on social platforms, for helping to make this resolution. Second, making use of this supporting information is difficult and challenging because the fake news data produced as a result of social engagements of users are large, partial, unorganized, and noisy.</p>


Sl. No.	Photographs Captured During Events	Corresponding remarks in regarding the status of activity execution
4	 <p>Presented a paper in 5th International Conference on Trends in Electronics and Informatics Co-author: N.Gobalakrishnan</p>	<p>K. Pradeep, N. Gobalakrishnan, N. Manikandan, L. Javid Ali, K. Parkavi, K. P. Vijayakumar, “A Review on Task Scheduling using Optimization Algorithm in Cloud”, 5th International Conference on Trends in Electronics and Informatics (ICOEI2021) organized by SCAD College of Engineering and Technology, Tirunelveli, Tamil Nadu, India, June 2021.</p> <p>Abstract: Cloud Computing provides a working environment where multiple services are used by customers through the internet. It arises as a contemporary platform for providing high performance computing environment and delivery of on-demand computing resources. Task scheduling acts as an important factor in a cloud environment. Scheduling tasks improves efficient utilization of resources and reduces task completion time. It analyses the resources and assigns tasks at a particular time instance. Various techniques were introduced to solve the issues involved in task scheduling. This paper illustrates the learning of scheduling processes that are used in clouds.</p>
5	 <p>Presented a paper in 5th International Conference on Trends in Electronics and Informatics Authors: L.Sherly Puspha Annabel, Kripa Sekaran</p>	<p>L. Sherly Puspha Annabel, Kripa Sekaran, “Automatic Signal Clearance System using Density Based Traffic Control”, 5th International Conference on Trends in Electronics and Informatics (ICOEI2021) organized by SCAD College of Engineering and Technology, Tirunelveli, Tamil Nadu, India, June 2021.</p> <p>Abstract: Traffic control is found to be major challenging task in urban areas. Incorporating technique like image processing in traffic control achieves better results than the existing methods. In the existing traffic control methods green signal is given for a given time period even for an empty road where there is no existence of any vehicles. In order to overcome this traffic congestion, the proposed system named Dynamic Traffic Signal Processing incorporates dynamic traffic prediction and timing scheme using image processing techniques that has self-learning ability. It effectively manages traffic flow even for a huge number of vehicles in the junction. It also develops a system that does not require qualified and mechanical personnel to enhance and preserve the system. The proposed system provides 38% improvement in terms of waiting time when compared with the existing hard coded system. This system also evidences to be adaptive and dynamic as it accounts for change in traffic congestion and could be extended further and used in real-time applications.</p>

Sl. No.	Photographs Captured During Events	Corresponding remarks in regarding the status of activity execution																		
6	<p style="text-align: center;">Sample Certificates</p> 	<p style="text-align: center;">STUDENTS ONLINE CERTIFICATION</p> <p>45 students have received online certifications from some of the reputed online course platforms.</p> 																		
7		<p style="text-align: center;">CSI ACTIVITY REPORT</p> <table border="1" data-bbox="705 943 2001 1450"> <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 Count</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>World of Mainframe Technologies</td> <td>Mr.Sujit Babu Varghese Senior Project Manager HCL Technologies Ltd</td> <td>Dr.D.Logeshwari ASP/IT Dr.M.Anbu AP/ITs</td> <td>26/06/2021, 4:00 PM to 05:00 PM</td> <td>70</td> </tr> <tr> <td>2</td> <td>Engineers make a difference</td> <td>Siddharth Thangaraj IRS Deputy Commissioner GST & Central Excise Customs Tripur</td> <td>Dr.Lilly Raamesh Dr.Logeshwari.D Dr.M.Anbu Thresa Jeniffer J S.Anitha</td> <td>27-06-2021 6.30 am to 7.30 p.m</td> <td>105</td> </tr> </tbody> </table>	S. No.	Name of the Event	Resource Person	Organized by	Date	No of Students Participated Count	1	World of Mainframe Technologies	Mr.Sujit Babu Varghese Senior Project Manager HCL Technologies Ltd	Dr.D.Logeshwari ASP/IT Dr.M.Anbu AP/ITs	26/06/2021, 4:00 PM to 05:00 PM	70	2	Engineers make a difference	Siddharth Thangaraj IRS Deputy Commissioner GST & Central Excise Customs Tripur	Dr.Lilly Raamesh Dr.Logeshwari.D Dr.M.Anbu Thresa Jeniffer J S.Anitha	27-06-2021 6.30 am to 7.30 p.m	105
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Sl. No.	Photographs Captured During Events	Corresponding remarks in regarding the status of activity execution					
8		School Event					
S.No	Name	Brochure	Event Date	Title	No.of schools	No.of participants	
1	Dr.S.Sumathi R.Deepa Dr. Raman C J K.Priyadharshini P.Thilakavathy		12-06-2021	A Talk on Engineering Reality bytes	30	55	
2	Dr. Kalaivani P Dr. Heltin Genitha C Dr. Tamizhselvi A Divya J Radhakrishnan K R		19-06-2021	What's Next? Fly From Nest!	58	120	
3	Dr.L.Sherly Pushpa Annabel S.Ancy M.Janani Kripa Sekaran M.Poornima K.Deepa		20-06-2021 to 28-06-2021	CRESCITA '21	20	45	
4	Dr.Lilly Raamesh Dr.Logeshwari.D Dr.M.Anbu Thresa Jeniffer J S.Anitha		27-06-2021	Engineers Makes A Difference	47	105	

Sl. No.	Photographs Captured During Events	Corresponding remarks in regarding the status of activity execution					
9		Coding Club Activities					
		S.No	Name of the Event	Resource Person	Organized by	Date	No of Students Participated Count
		1	A four week webinar series on Generative Adversarial Networks	Mr Akshay Kumar, Google Club Student Facilitator, IV Year,IT	Dr Lilly Raamesh Ms Kripa Sekaran	29th May 2021,5th June 2021,12th June 2021,19th June 2021	173
10		IIC Events					
		S.No	Name of the Event	Resource Person	Organized by	Date	No of Students Participated Count
		1	Design Thinking	Ms Prajakta Kulkarni, Founder and CEO, NODES.	Dr Lilly Raamesh., Ms Kripa Sekaran, Ms S.Anitha,	22/06/21, 5 pm to 6 pm	87
11		Optimized Brain Club Activities					
		S.No	Name of the Event	Resource Person	Organized by	Date	No of Students Participated Count
		1	Recent Advances and Challenges in Machine Learning	Mr Joannes Sam Mertens, EEC Researcher, University of Catania,Italy.	Dr Lilly Raamesh Ms Kripa Sekaran	18 th June 2021,5 pm to 6 pm	53

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S.No	Events	Remarks	
1	<p align="center">FACULTY DEVELOPMENT PROGRAM</p> 	Dr. M Ramesh Babu	Completed six weeks international FDP on "RESEARCH INNOVATIONS AND EMERGING ADVANCES IN ELECTRICAL ENGINEERING" from 14.06.2021 to 19.06.2021 organised by department of Electrical and Electronics Engineering, Easwari Engineering College, Chennai-89.
		Dr.M.Venmathi	Completed One Week Short Term Training Programme through ICT Mode on Renewable Energy Sources and Emerging Technologies organised by NITTR (Kolkata) from 7th June to 11th June, 2021
		Mr. C.Venkatesh Kumar	<p>Attended the Anna University sponsored Online-Six Days FDTP on "Electromagnetic Theory (EE8391)" held at KPR Institute of Engineering and Technology, Coimbatore, during the period from 14/06/2021 to 19/06/2021.</p> <p>Completed six days international FDP on "RESEARCH INNOVATIONS AND EMERGING ADVANCES IN ELECTRICAL ENGINEERING" from 14.06.2021 to 19.06.2021 organised by department of Electrical and Electronics Engineering, Easwari Engineering College, Chennai-89.</p>
		Mr. H Umesh Prabhu	<ol style="list-style-type: none"> 1. successfully completed AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " Cutting Edge Technologies in Energy Storage System for E-Mobility" from 2021-06-14 to 2021-06-18 at KPR Institute of Engineering and Technology. 2. successfully completed AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " "Recent Trends in Electric Vehicle and Renewable Energy System" from 2021-06-21 to 2021-06-25 at ARASU Engineering College. 3. Successfully completed an online one week FDP on "Future and Challenges in Engineering and Technology" From 14.05.2021 - 18.05.2021 from

			Krishna Engineering College, Ghaziabad.
		Mr.T.Sriananda Ganesh	<p>1.Attended the Online One Week Faculty Development Programme on “Mechanical Engineering- Emerging Technologies (MEET-2021)” organized by BIT Sindri, Jharhand In Collaboration with TEQIP-III during the period from 24/05/2021 to 29/05/2021.</p> <p>2.Participated & Completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Current Trends of Power Electronics Applications in Electric Vehicles" organized by Government Engineering College ,Valsad, Gujarat held from 07/06/2021 to 11/06/2021.</p> <p>3.Participated in the AICTE Sponsored One Week Online STTP on “Recent Advances in EV Technologies, Series-C”, organized by Matrusri Engineering College, Saidabad, Hyderabad- 50059 during the period from 14/06/2021 to 19/06/2021.</p>
		Ms.S.Gomathi	<p>1. Attended one week AICTE Training And Learning (ATAL) Academy FDP on “Electric Vehicle :Challenges and Business Opportunity “ organized by NSIC -Technical Services centre, Hyderabad held from 21/06/2021 to 25/06/2021.</p>
		Ms.S.P.Vedavalli	<p>1. Attended one week AICTE Training And Learning (ATAL) Academy FDP on “Electric Vehicle :Challenges and Business Opportunity “ organized by NSIC -Technical Services centre, Hyderabad held from 21/06/2021 to 25/06/2021.</p>
		Mr.R.Elanthirayan	<p>1. Attended one week AICTE Training And Learning (ATAL) Academy FDP on “Electric Vehicle :Challenges and Business Opportunity “ organized by NSIC -Technical Services centre, Hyderabad held from 21/06/2021 to 25/06/2021.</p> <p>2. attended in the Faculty Development Programme (FDP) on “Interactive Approaches in Handling</p>

			Renewable Energy Systems Laboratory for the New Normal” organized by Sri Sivasubramaniya Nadar College of Engineering during June 29 – July 02, 2021.
		Dr. A.Jamna	<p>1.Attended the Anna University sponsored Online-Six Days FDTP on "Electromagnetic Theory (EE8391)" held at KPR Institute of Engineering and Technology, Coimbatore, during the period from 14/06/2021 to 19/06/2021.</p> <p>2. Completed days international FDP on "RESEARCH INNOVATIONS AND EMERGING ADVANCES IN ELECTRICAL ENGINEERING" from 14.06.2021 to 19.06.2021 organised by department of Electrical and Electronics Engineering, Easwari Engineering College, Chennai-89.</p>
2	<p>Chapter 13 A Focus on Power System Congestion Management—A Primitive Review of the Literature</p> <p>K. Aravindhana, M. Venmathi, and N. Chidambararaj</p> <p>Abstract An increase in the involvement of distributed energy generation in the distributed systems may cause a high degree of participation of active distribution network management involving native network congestion and voltage problems. Deregulation of power system causes an increase in demand at the utility and hence results in overloading of transmission lines. To fulfill demand of power, generation companies manufacture additional output, but transmission lines are the typical ones and that they get congested as they carry additional power than its capacity. These problem areas are handled using various congestion management strategies, which play a principal role in current deregulated power systems. Hence, restructuring of power system is needed to create a shift over, where electricity is now made a artifact and has regenerated into deregulated one. In this paper, a review work is dispensed to gather related publications in congestion management. In order to reduce congestion in transmission lines, flexible AC transmission system (FACTS) devices are used, which manage the power flow to curtail losses in power system. This paper discusses the summary of congestion management in the deregulated power systems and in addition highlights the various strategies concerned to get the better of congestion in power systems.</p> <p>Keywords Power system · Deregulation · Demand response · FACTS · Optimization</p> <p style="text-align: center;">PIC: paper abstract</p>	 <p>Our department staff members K. Aravindhana, M. Venmathi, N. Chidambararaj, published paper titled “A Focus on Power System Congestion Management—A Primitive Review of the Literature”, Emerging Solutions for e-Mobility and Smart Grids, DOI:10.1007/978-981-16-0719-6_13, 08 May 2021, pp.165-173.</p>	

3

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

Robotics CLUB
Presents

roboauto

10th June, 2021
4:00 p.m. IST
Round 1 CodeFix
Round 2 Rig it up

Register here : <https://forms.gle/Xha7GxKkCqXigJK17>
E-Certificates will be provided to all the participants

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

Club Coordinator
Dr.P.Anbarasan Assistant Professor / EEE

Student Coordinators
Abishek Ayyappan Harini P Gideon Santhosh Alexander Abinayaasri T Abishlal N S

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

Our students of Electrical and Electronics Engineering on behalf of Robotics Club conducted competition on “Roboauto” includes two round events Code fix and Rig it up for all Engineering Students on 10th June 2021. The winners are as follows,

Place	Name of the Students
Ist Place	Aravinth.S, III EEE A
IInd Place	Aarthi.N.T, III EEE A
IIIrd Place	Keerthana Sri, III EEE A

4

Student Achievement for the month June 2021

STUDENT NAME	EVENT	PRIZE
MARIA ARUL JEFFREY P	PROJECT CONPETITION organizes by ISA SOUTH INDIAN SECTION June 2021	I
KRISHAA P R		
LAKSHMAN		
KAARTHIKEYAN S		

5

Student Activity for the month June 2021

Students Name	Online Course
DHARANI BALAN.G	Completed online course titled “C++ video training” conducted by CAD DESK on 10-May-21
JAYA VARSHINI. V	1)Completed online course titled "Django 2.2&Python"conducted by "Udemy" on 09-Jun-21 2) Completed online course titled "Java programming" conducted by "Udemy" on 10-Jun-21
RAJESH .S	Completed online course on Cyber Security conducted by SHAPEAI from 15 June to 21 June

		PRAVESH CHRISTO GERARD .E	Completed online course on Cyber Security conducted by SHAPEAI from 15 June to 21 June		
		MANI SHA N	Completed online course on Cyber Security conducted by SHAPEAI from 15 June to 21 June		
		Students Name	Webinar		
		HARISHKUMAR.K	Participated in the Webinar on the topic "Technology Oriented Energy Conservation Techniques" organized by the Department of Electrical and Electronics Engineering on behalf of G9 St. Joseph's Ensav Club of St.Joseph's College of Engineering on 12-06-2021		
6	INTERNSHIP	Student Name	From Date - to date	Company Name	Pay Package
		MANI SHA .N	15 May - 5 June	Emcog Solution Level 2	1500
7	 <p>St. JOSEPH'S COLLEGE OF ENGINEERING (An Autonomous Institution) St. Joseph's Group of Institutions Jeppiaar Educational Trust OMR, Chennai - 119.</p> <p>Thinker - Online quiz competition</p> <p>Day 1- MATHS Day 2- SPORTS Day 3- COMPUTER Day 4- ELECTRICAL Day 5- SPACE Day 6- APTITUDE</p> <p>Chief Patron Dr. B. Babu Manoharan M.A., M.B.A., Ph.D. Chairman, St. Joseph's Group of Institutions</p> <p>Patrons</p> <p>Convenors 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 Dr. Jayarama Pradeep M.E., Ph.D. Professor & Head - Staff Affairs Dr. T.V. Narmadha M.E., Ph.D. Professor & Head - Lab Affairs</p> <p>Staff Coordinator Mrs. R. G. Nirmala M.E., (Ph.D.) Assistant Professor/ EEE</p> <p>Student Coordinators A.Vignesh G.S.Viknesh B.Swetha B.Udhayaraga A.P.Thiruvél S.Santhosh</p> <p>*For Admissions: Visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or Contact: 9940104881 / 9940104882</p>	<p>Our department organized School event under the title of Thinker on line quiz had been conducted from 11/06/2021-17/06/2021. Around 30 participants had participated in this event. On each day the Quiz programme had been conducted in a specific title. Maths, Sports, Computer Science, Basic Electrical, Space, Aptitude are the topics focused on each day respectively. All the students are provided with the participation certificate.</p>			

PIC: event poster

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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

ELECTRICAL CLUB
Presents
Tech Hunt

ON
11 June 2021 | 3.00 p.m
Round 1 : Riddles
Round 2 : Quiz

Register here : tinyurl.com/ekzhhhce
E-Certificates will be provided to all the participants

Chief Patron
Dr. B. Babu Manoharan M.A., M.B.A., Ph.D.
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Professor & Head - Staff Affairs
Dr. T.V. Narmadha M.E., Ph.D.
Professor & Head - Lab Affairs

Coordinator
Mr. M. Chiambarasan M.E., (Ph.D.)
Assistant Professor / EEE
Student Coordinators
REFAYEE FARITH K. **RESHMA K.** **SURUTHI KAVIYA S.** **SHARAN MANIVANNAN** **SAGAYA ANTONY ISHWARIYA**

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PIC: event poster

Our students of Electrical and Electronics Engineering on behalf of Electrical Club conducted fun and knowledge gaining competition on “Tech Hunt” with two rounds of Riddles and Quiz exclusively for all Engineering Students on 11th June 2021. The winners are as follows,

Place	Name of the Students
Ist Place	Ramkumar.S, III EEE C
IInd Place	Suresh.S, II EEE C
IIIrd Place	Yushwanth.M, III EEE C

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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

CHOPPERS CLUB
Presents
POWER-HOUSE

ON
09 June 2021 | 3.00 p.m
Round 1 : Circuit Talent
Round 2 : tinkercad circuits

Register here : <https://forms.gle/MV5qnDZ7gsDRRJSLA>
E-Certificates will be provided to all the participants

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Assistant Professor / EEE

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Professor & Head - Lab Affairs
Ms. S.P. Vedevali M.E.,
Assistant Professor / EEE

Student Coordinators
MARIA ARUL JEFFREY P **RAKSHA M CR** **PAVITHRA T M** **MOHAN KUMAR N** **PRIYANKA J**

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PIC: event poster

Our students of Electrical and Electronics Engineering on behalf of Choppers Club conducted technical competition on “Power House” includes two rounds of Circuit talent and Tinkercad circuit design exclusively for all Engineering Students on 9th June 2021. The winners are as follows,

Place	Name of the Students
Ist Place	Shiva, II EIE
IInd Place	Manisha.N II EEE B
IIIrd Place	Prasanth, II EIE

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

Counselling Code : 1317
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
 PRESENTS
ENTREPRENEUR DEVELOPMENT PROGRAM
"A JOURNEY OF AN ENTREPRENEUR"

P. KAUSHIK DEEE., BE.
An Alumnus of St. Joseph's College of Engineering (2012 - 2016)
 Director @ PK POWER SYSTEMS, chennai
 Founder @ PK Badminton academy

JUNE 18 2021
06.00 p.m. to 07.00 p.m.
 Meeting link : <https://meet.google.com/kht-jfhh-zis>

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

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

NISP Coordinators
Dr. T.V. Narmadha M.E., Ph.D.
 Professor & Head - Lab Affairs
Dr. M. Ramesh Babu M.E., Ph.D.
 Professor / IEE

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PIC: event poster

Our Department of Electrical and Electronics Engineering organized an NISP inspired Entrepreneur Development Program for our students on "A Journey of an Entrepreneur" by our alumnus Mr. Kaushik. P on 18th June 2021 at 06.00 pm to 07.00 pm. Twenty five participants are attended the event.

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Counselling Code : 1317
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
 and
IEEE MADRAS YOUNG PROFESSIONAL
 PRESENTS
PRODUCT DEVELOPMENT PROGRAM
"IDEA TO PRODUCTS: A RESEARCH PATHWAY FOR STUDENTS"

RAMNEEK KALRA
IEEE IMPACT CREATOR & AUTHOR AT IEEE USA E-BOOKS
CLOUD SUPPORT ASSOCIATE, AMAZON INC

JUNE 27 2021
04.00 p.m. to 05.00 p.m.

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

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

NISP Coordinators
Dr. T.V. Narmadha M.E., Ph.D.
 Professor & Head - Lab Affairs
Dr. M. Ramesh Babu M.E., Ph.D.
 Professor / IEE

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

PIC: event poster

Our Department of Electrical and Electronics Engineering organized a Product Development Program for our students on "Idea to Products: A research pathway for Students" by Mr. Ramneek Kalra on 27th June 2021 at 04.00 pm to 05.00 pm. Fifty four participants are attended the event.

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You Clavore, 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
 in association with
ENSAV CLUB
 ENERGY SAVING AWARENESS CLUB
 A SOCIETY OF ENERGY EFFICIENCY RESEARCH SCIENTISTS UNDER TNEB

Organises
 A Webinar on
**TECHNOLOGY ORIENTED ENERGY
 CONSERVATION TECHNIQUES**

RESOURCE PERSON
Dr. J. Balamurugan
 Assistant Executive Engineer,
 TNEB/TANGEDCO

Webinar Link : <http://meet.google.com/lpi-abym-qsh>
12 June 2021 | 9.00 a.m
 E-Certificates will be provided to all the participants

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

Patrons
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 Dr. M. Venmathi M.E., Ph.D. Associate Professor / EEE
 Dr. P. Anbarasan M.E., Ph.D. Assistant Professor / EEE
 Mr. R. Elanthirayan M.Tech., (Ph.D.) Assistant Professor / EEE

Student Coordinators
 Aakanksha Singh Thiruvet AP Sambashankaravathy S Yojana M Elanchezhian RJ

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

PIC: event poster

Our Department of Electrical and Electronics Engineering organized “Technology Oriented Energy Conservation Technique” In association with G9 St. Joseph’s Ensav Club, by Dr.J.Balamurugan, Assistant Executive Engineer TNEB/TANGEDCO on 12-06-2021

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FORM 1 (FOR OFFICE USE ONLY)

THE PATENTS ACT, 1970 (39 of 1970) & THE PATENTS RULES, 2003 APPLICATION FOR GRANT OF PATENT [See sections 7,54 & 135 and rule 20(1)]

Application No.:

Filing Date:

Amount of Fee Paid:

CBR No.:

Signature:

1. APPLICANT(S):

Sr.No.	Name	Nationality	Address	Country	State
1	Dr. DINESH BHATIA	India	Associate Professor , School of Management Sciences, Varanasi ,Khushipur, Bachhaon Varanasi-221011	India	Uttar Pradesh
2	Mr. M.Vijayaragavan	India	Assistant Professor, Department of Electrical and Electronics Engineering , Mailam Engineering College, Mailam, Villupuram 604304	India	Tamil Nadu
3	Dr. V. Krishnakumar	India	Associate Professor, Department of EEE St. Joseph's College of Engineering, OMR, Chennai	India	Tamil Nadu

PIC: Patents

Our staff member Dr.V.Krishnakumar Filed a Indian patent titled “ Abnormal vehicle Speed detection Using AI”, on 25/06/2021.

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OMR, Chennai - 119.

COUNSELLING CODE : 1317
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
PRESENTS
"RENEW ENERGY RENEW PLANET"
For EEE Department Students

**JUNE 15, 2021
4 PM**

**SOLAR WATER LEVEL INDICATOR
III YEAR B**
HERENA JOSHIKA

**SOLAR POWER BANK
II YEAR**
**A.P. THIRUVEL, S. SANTHOSH
CHAKKARAVARTHY,
A. VIGNESH, M. SHARAN &
R. SABARISHH**

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Assistant Coordinators
Mr. T. Srihanandanes M.E., Assistant Professor / EEE

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Our department organized a Relay on “Renew Energy Renew Planet”, on 15.06.2021. The Session is Headed by our third year student Mrs. Herena Joshika and second Year Students Mr. A.P. Thiruvél, Mr. S. Santhosh Chakkaravarthy, Mr. A. Vignesh, Mr. M. Sharan, Mr. R. Sabarishh presented their relay titled “Solar water Level Indicator” & Solar Power Bank. The session was really very informative and useful to the students. The speaker has briefed about the importance of “Renew Energy and Renew Planet”.

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COUNSELLING CODE : 1317
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Proudly presents
STUDENT DEVELOPMENT PROGRAM 2021
SEASON 3

BASICS OF ELECTRICAL AND ELECTRONIC CIRCUITS

**Day 1
28th May 2021**
4:00 PM
Register here: <https://forms.gle/PVFMAoNDr8tkwRu36>

**A.S. KEERTHANA SRI
III YEAR**
*Candidates will be invited

**Exclusively for school students
10th, 11th & 12th**

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Assistant Professor / EEE
Ms. S. Gomathi M.E., (Ph.D.)
Assistant Professor / EEE

Student Coordinators
B. Udayaraga, B. Swetha, Maria Shirley John II Year

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Our department organized The Student Development Program 2021 was presented by Ms A.S Keerthanaa Sri of third year on the topic “Basics of Electrical and Electronic Circuit” held on 28.05.2021. Both school and college students enthusiastically participated in the webinar and the feedback given by them was heart whelming and positive

PIC: event poster

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Proudly presents

STUDENT DEVELOPMENT PROGRAM 2021
SEASON 3

A Cardinal Erudition on 8051 Microcontroller using Proteus and Keil softwares

Day 2
29th May 2021
4:00 PM

V. Divya
III Year

Harini
III Year

" Strive for progress not for perfection "

Register here: <https://forms.gle/PVEMAoNDr8tkwRu36>

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PIC: event poster

Our department organized The Student Development Program 2021 was done by Ms Harini and Ms Divya V of third year on the topic "A Cardinal Erudition on 8051 Microcontroller" held on 29.05.2021. Both school and college students enthusiastically participated in the webinar and the feedback given by them was heart whelming and positive.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Proudly presents

STUDENT DEVELOPMENT PROGRAM 2021
SEASON 3

MAKE today GREAT

ARDUINO

Day 3
31st May 2021
4:00 PM

Swetha B
II year

Udhayaraga B
II year

Exclusively for school students
10th, 11th & 12th

Register here: <https://forms.gle/PVEMAoNDr8tkwRu36>

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Ms. S. Gomathi M.E., (Ph.D.)
Assistant Professor / EEE
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PIC: event poster

Our department organized The Student Development Program 2021 was done by Ms Swetha B and Ms Udhayaraga B of second year on the topic "Arduino" held on 31.05.2021. Both school and college students enthusiastically participated in the webinar and the feedback given by them was heart whelming and positive.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Proudly presents

STUDENT DEVELOPMENT PROGRAM 2021
SEASON 3

MAX30100 PULSE OXIMETER & PCB DESIGNING

Day 4
1st June, 2021
4:00 PM

ARAVINTH S
III YEAR

GNANESHWARAN
III YEAR

Register here: <https://forms.gle/PVFMAoNDR8tkwRu36>

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Assistant Professor / EEE
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PIC: event poster

Our department organized The Student Development Program 2021 was done by Mr Aravinth S and Mr Gnaneshwaran of third year on the topic “Max30100 Pulse Oximeter & PCB designing” held on 01.06.2021. Both school and college students enthusiastically participated in the webinar and the feedback given by them was heart whelming and positive.

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COUNSELLING CODE : 1317
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Proudly presents

STUDENT DEVELOPMENT PROGRAM 2021
SEASON 3

DOS AND DON'TS OF ENGINEERING

Day 5
JUNE 2, 2021
4:00 PM

PRIYANKA J
II YEAR

Register here: <https://forms.gle/PVFMAoNDR8tkwRu36>

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Assistant Professor / EEE
B. Udhayaraga, B.Swetha, Maria Shirley John II Year

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PIC: event poster

Our department organized The Student Development Program 2021 was done by Ms Priyanka J of second year on the topic “Dos and Don'ts of Engineering” held on 02.06.2021. Both school and college students enthusiastically participated in the webinar and the feedback given by them was heart whelming and positive.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Proudly presents

STUDENT DEVELOPMENT PROGRAM 2021
SEASON 3
PERSONAL DEVELOPEMENT

Day 6
JUNE 3, 2021
4:00 PM

Register here: <https://forms.gle/PVFMAoNDr8tkwRu36>

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Assistant Professor / EEE
Ms. S. Gomathi M.E., (Ph.D.)
Assistant Professor / EEE

Student Coordinators
B. Udharaga, B.Swetha, Maria Shirley John II Year

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Our department organized The Student Development Program 2021 was done by Ms Jesse S of second year on the topic “Personal Development” and Ms Maria Shirley John of second year on the topic “Power Electronics” held on 03.06.2021. Both school and college students enthusiastically participated in the webinar and the feedback given by them was heart whelming and positive.

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

Counselling Code : 1317
Department Of Electrical and Electronics Engineering
In association with
ISTE Chapter & VOLTECH
organises
A Technical Talk
on
Testing and Commissioning of High Voltage Equipments

JUNE 2021
19
10.30 AM TO 11.30 AM

Resource Persons:
1) Mr. V. Vadivelu
Manager, Testing and Commissioning
2) Mr. E. Siva Kumar
Manager, New Product Research and Development
3) Mr. K. Ashwath
Asst. Manager, Training, Power System Protection
M/s. Voltech Engineers Pvt Ltd. Chennai.

Google meet link: <https://meet.google.com/dqa-fjoa-hcf>

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Professor
Mr. Prasad. H M.E., (Ph.D.)
Assistant Professor

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Our Department of Electrical and Electronics Engineering came up with the third season of the most prominent event, “The Student Development Program”. The one day Webinar was on June 19th. All the final year students enthusiastically participated in the event and the feedback given by them was heart whelming and positive. Our Department in association with ISTE Chapter of our college and M/s Voltech Engineers Pvt Ltd Chennai, has brought the expert talk on “Testing and Commissioning of High Voltage Equipment’s”.

PIC: event poster

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COUNSELLING CODE:1317
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Organize
Info-Tourney
Online Quiz

June 2021
18 - 24

TOPICS

- 18/06 - Basics of Computer
- 19/06 - Information and Technology
- 21/06 -General Knowledge
- 22/06 -Scientific Advancements
- 23/06 -Logo Identification
- 24/06 -Robotics

For 11th, 12th and Diploma Students

Registration Link : <https://tinyurl.com/Info-Tourney--Registration>

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Professor

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Our Department of Electrical and Electronics Engineering came up with the third season of the most prominent event, “The Student Development Program”. The six days quiz series began on June 18th. The season commenced with a new group of youthful talents that were eager to explore and experiment in a variety of professions. Around 44 participants enthusiastically participated in the quiz and the feedback given by them was heart whelming and positive. Participation certificates were provided to all the participants and Merit certificate were given to outstanding participants.

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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Organizes
FIGHT COVID
21st May 2021

CLASSES 6-8 | DRAWING COMPETITION

Theme: Staying at home and its challenges- Corona Warriors- Oxygen Producers- New ways of learning during a pandemic

Registration link : <https://tinyurl.com/sw6x2dsv>

E-Certificates will be provided for winners

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M. Rosario Sridish
R. Sharan

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Dr. Ramesh Babu M.E., Ph.D.
Professor

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Dean, Research, St. Joseph's College of Engineering

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Our Department of Electrical and Electronics Engineering organized a Six-days Online events for school and Polytechnic students on “FIGHT COVID” during 21st – 26th May 2021, scheduled from 05.00 pm to 06.30 pm. The first day is drawing competition was conducted for the class 6 – 8 students. Ten students from various parts of Tamilnadu are registered and participated the event. Mr. Raghuu Adithya from Alpha CBSE school, chennai secured first place, Navarathan muhith from viswa vidyalaya, elumalai secured second place and Rohit from Boaz Public School, chennai secured third place.

PIC: event poster

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PIC: event poster

Our Department of Electrical and Electronics Engineering organized a Six-days Online events for school and Polytechnic students on “FIGHT COVID” during 21st – 26th May 2021, scheduled from 05.00 pm to 06.30 pm.

The second and third day of the event was dedicated for the class 9 – 10 students. On the second day of the event students are asked to present their idea abstract related to covid 19 themes. Short listed students from the second day event are asked to present their ideas related to covid 19. Six students out of eight students are shortlisted for the third day event. Ms. Tejeswini. R and Spoorthy Reddy. A from MVM, chennai secured first place, Guru Bhumikaa. B from Nation model.hr sec school, Coimbatore secured second place and Akshaya R from Boaz Public School, chennai secured third place.

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PIC: event poster

Our Department of Electrical and Electronics Engineering organized a Six-days Online events for school and Polytechnic students on “FIGHT COVID” during 21st – 26th May 2021, scheduled from 05.00 pm to 06.30 pm.

On the fourth day of the event class XI – XII and polytechnic students are asked to present their model abstract related to the given COVID 19 themes. The second and third day of the event was dedicated for the class 9 – 10 students. Eleven students from class XI and XII and Thirty students from polytechnique from various parts of tamilnadu are registered for the event. Three students from class XI – XII short listed for the model presentation on the fifth day of the event. Ms. Harshini. S from St Johns school, chennai secured first place.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Organizes
FIGHT COVID
26th May 2021
DIPLOMA | MODEL PRESENTATION
Theme: Oxygen production - Sanitation - Protective gears - Effective E-learning

Final Model Presentation for Diploma students

Chief Patron
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Professor & Head - Lab Affairs

Student Incharges
M. Rosario Sridish R. Sharan
Dr. M. Ramesh Babu M.E., Ph.D.
Professor

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PIC: event poster

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On the sixth day of the event polytechnic students are asked to present their model related to the given COVID 19 themes. Twelve polytechnique students from Ramakrishna mission polytechnique, chennai are shortlisted among thirty students for the event. Mr. Prasanna Vengateshan. S and Muthu Rajeswaran. A secured first place. Mr. praveen sriram. A and Mr. Diwakar. K secured second place. Mr. Tamilarasan. S and Mr. Subash D.M secured third place.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
In association with
IEEE INDUSTRY APPLICATIONS SOCIETY
presents
ELECTRO'MANUSCRITO
MANUSCRIPT WRITING EVENT

19 - 21 JUN 2021

TOPIC : INDUSTRY 4.0

OPEN TO ALL STUDENTS !!!

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

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

Our IEEE Industry applications Society of St. Joseph's College of Engineering ,Conducted an online manuscript writing event named “ELECTRO'MANUSCRITO” on the topic "INDUSTRY 4.0".About 15 people participated in this event. It was a very useful event which helped the participants in knowing about the topic and also their writing skills .The participants were provided with participation certificate and the winners were awarded with appreciation certificate .Winners were (1) N.Vaidhiyanathan (2) Janani. T and (3) Vigneshwaran k.

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Our IEEE SJCE IAS conducted an online logo quiz event “Electrocrest” on June 20, 2021. About 30 participated in this event. E-Certificates were distributed to all the active participants who had participated in the event. This event indeed helped the participants to know about different electrical based companies and their logo. Winners were awarded with merit certificates and winners were Ms. Abhinaya M (1), Mr. Shyfullah P M (2), Mr. Harsh Vardhan (3). Student Coordinators were the IAS team.

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Placement Details for month June 2021

Reg No	Student Name	COMPANY
312317105009	AKASH S	4I APPS
312317105137	SANTHOSH S	TCS NINJA

No of students placed = 74
 No of offers = 106
 (As on 30/06/2021)

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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.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
in association with

IEEE

LACONIC-21
AN ARTICLE WRITING EVENT EXCLUSIVELY FOR IEEE MEMBERS

Registration Link :
<https://bit.ly/2QBfOgN>

Mail your Article to : ieeesjce.pels2021@gmail.com
Before 10-05-2021

"Start writing, no matter what. The water does not flow until the faucet is turned on."

E-certificates will be provided to all the participants

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

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

SBC Counsellor
Mr. R. Sreerkanth M.E., (Ph.D.)
Assistant Professor

Student Coordinators
[Madhu Preetha S | Elanchezhayan R J | Karin Ramani A | Mani Sha N | Herena Joshika A S]

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PIC: event poster

Our IEEE Power Electronics Society of St Joseph's College of Engineering, conducted a article writing event 'Laconic-21' related to current trends in electrical and electronics engineering . 50 people submitted their reports through mail and best three were given winners certificate and the others were provided with participation certificate. The student coordinators for this event are Madhu Preetha S, Elanchezhayan R J, Karin Ramani A, Mani Sha N and Herena Joshika A S.

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OMR, Chennai - 119.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
in association with

IEEE POWER ELECTRONICS SOCIETY

PELS JAMBOREE
PELS DAY CELEBRATION

DAY 3
DISTINGUISHED LECTURE
ON
POWER ELECTRONICS FOR PRECISION FARMING
WITH SUSTANTIABLE AND CLEANER ENVIRONMENT

BRIJ N. SINGH
JOHN DEERE INC., USA
NORTH DAKOTA, USA

E-Certificates will be provided to all the participants

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Professor & Head - Lab Affairs

Staff coordinator
Mr. R. Sreerkanth M.E., (Ph.D.)
Assistant Professor

Student Coordinators
PELS TEAM

REGISTRATION LINK :
[HTTP://BIT.LY/DISTINGUISHE D LECTURE](http://bit.ly/distiguishedlecture)

DATE:
20-06-2021

TIME:
8.00 AM
IST

EMAIL
ieeesjce_pels2021@gmail.com

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

PIC: event poster

Our IEEE Power Electronics Society of St Joseph's College of Engineering ,Conducted an online distiguished lecture by DR.BRIJ.N SINGH on the topic "power electronics for precision farming with sustainable and cleaner environment ".It was a very intrestinglecture,veryinformative.The participants were provided with participation certificate and the winner list for pels jamboree events was announced .

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OMR, Chennai - 119.

COUNSELLING CODE :1317
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
in association with
IEEE POWER ELECTRONICS SOCIETY
presents
PELS JAMBOREE
PELS DAY CELEBRATION
DAY 1
PROJECT EXPO

DATE:
17-06-2021

REGISTRATION LINK:
<https://bit.ly/3uC95RW>

E-Certificates will be provided to all the participants

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Staff coordinator
Mr. R. Srinivasan M.Sc., Ph.D.
Assistant Professor

Student Coordinators
PELS TEAM

EMAIL
ieeesjce_pels2021@gmail.com

INSTAGRAM
@pels_sjce

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Our IEEE Power Electronics Society of St Joseph's College of Engineering, conducted Project Expo 'PELS JAMBOREE - PROJECT EXPO' a pels day celebration. At first inaugural function started, after that the participants joined in their respective links 80 teams submitted their responses through mail and we finalized it into 70 teams. We divided these teams into five tracks. Totally 200 participants attended the Project expo. Many teams showed their projects as live demo and also simulations of the projects were shown in this expo. They were actively interacting with the Judges.

PIC: event poster

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COUNSELLING CODE :1317
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
in association with
IEEE POWER ELECTRONICS SOCIETY
presents
PELS JAMBOREE
PELS DAY CELEBRATION
DAY 2
SCAVENGER HUNT

DATE:
18-06-2021

REGISTRATION LINK :
<http://bit.ly/Scavenger-Hunt>

E-Certificates will be provided to all the participants

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Staff coordinator
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Assistant Professor

Student Coordinators
PELS TEAM

EMAIL
ieeesjce_pels2021@gmail.com

INSTAGRAM
@pels_sjce

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PIC: event poster

Our IEEE Power Electronics Society of St Joseph's College of Engineering ,Conducted an online event in the platform gathertown in which quizzes were hidden in the form of items and participants were given clues to find the answers.they had to find 8 letters which was connected to a gmeet where the first people to arrive were declared as winner. winners were given winning certificate and the others are provided with participation certificate .

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COUNSELLING CODE :1317

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

ROBOIGNITORS

CIRCUIT DEBUGGING EVENT

Register here:
http://bit.ly/roboignitors_cd

Open to all the students

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

SBC Counsellor
Mr. R. Sreekanth M.E., (Ph.D.) Assistant Professor

Student Coordinators
RAS Team

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Our IEEE SJCE SBC organized a Circuit debugging contest under IEEE Robotics and Automation Society for college students to build their practical knowledge in the field of Robotics. The event was conducted on google form. It is a 3 days event and were about 49 students participated in it and got benefited. The event was useful to the participants in knowing about words related to Robots through picture. As we naturally remember visual cues better than words, the participants would have gained more knowledge. Merit certificates are distributed to the top 5 winners and E-certificates are provided for all the participants. Student Coordinators Abina S, Christel peeris R, Abinaya M, Sakthi Priya.C and Ananya P.K coordinated the event with Mr. R. Sreekanth, IEEE SB Counselor.

PIC: event poster

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COUNSELLING CODE :1317

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

ROBOIGNITORS

Register here:
<http://bit.ly/roboignitors>

Open to all the students

Quit talking and begin doing!

June 14 2021
4:00 PM

E-CERTIFICATES WILL BE PROVIDED

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Our IEEE SJCE SBC organized a quiz contest under IEEE Robotics and Automation Society for college students to build their practical knowledge in the field of Robotics. The event was conducted on google form. There were about 51 students participated in it and got benefited. The event was useful to the participants in knowing about words related to Robots through picture. As we naturally remember visual cues better than words, the participants would have gained more knowledge. Merit certificates are distributed to the top 5 winners and E-certificates are provided for all the participants. Student Coordinators Abina S, Udhyaraga.B, Abinaya M and Viknesh.G,S coordinated the event with Mr. R. Sreekanth, IEEE SB Counselor.

PIC: event poster

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St. JOSEPH'S COLLEGE OF ENGINEERING
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IEEE St. Joseph's College of Engineering Student Branch Chapter
IEEE Madras Section

COUNSELLING CODE : 1317

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
in association with
St. Joseph's IEEE Student Branch Chapter & IEEE Madras Section presents WEBINAR ON "ATOMIC SCIENCE"

Dr. Debasish Saha, Ph.D
Scientist in IGCAR Kalpakkam,
Works in the multidisciplinary field of Nuclear Medicine.

JUNE 12 2021

05:30 PM-06:30 PM IST

E-Certificates will be provided to all the participants

Register @ http://bit.ly/as_sjce

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Chairman, St. Joseph's Group of Institutions

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Student Coordinators
IEEE SBC team

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Our IEEE Madras Section in association with IEEE St. Joseph's College of Engineering Student Branch chapter organized a one day workshop on the topic "Atomic Science". The session started with the citation by Dr.N.Kumarappan, Chair and SAC Chair and the session was handed over to Dr. Debashish Saha, scientist and a teacher and the event was attended by 140 participants. The speaker started the session by briefing the participants about the basics of atomic science. The workshop was a boost up for the young minds who attended the session.

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IEEE Computational Intelligence Society | **IEEE** | St. Joseph's College of Engineering Student Branch Chapter

IEEE Madras Section CIS Chapter
in association with
St. Joseph's IEEE Student Branch Chapter presents WEBINAR ON "INTELLIGENCE UNIT COMMITMENT WITH VEHICLE TO GRID USING HYBRID OPTIMIZATION TECHNIQUE"

Our Speaker

Dr. N. Kumarappan
Chairman,
IEEE Madras Section & CIS Madras Chapter

5:00 pm - 6:00 pm

2021
25 June

E-Certificates will be provided to all the participants

Register @ <https://bit.ly/webinarMAS> Exclusively for College Students

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

Student Coordinators
IEEE CIS Chapter

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Our IEEE madras section CIS chapter in association with St Joseph's IEEE Student branch chapter presented a webinar on "intelligence unit commitment with vehicle to grid using hybrid optimization technique". The WEBINAR took place on Friday, 25.06.2021 at 5.00 pm delivered by DR. N. KUMARAPPAN, chairman of IEEE madras section. The WEBINAR was coordinated by the coordinating entity Joseph's IEEE Student branch". DR. N. KUMARAPPAN shared about "V2G technologies" its applications, efficiency and types of V2G. On behalf of "St Joseph's IEEE Student branch", DR. KUMARAPPAN was presented with a memento, as a token of gratitude by MS. R. DIVYASREEE.

PIC: event poster

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The College, 119 - PO 77
St. JOSEPH'S COLLEGE OF ENGINEERING
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 OMR, Chennai - 119.
COUNSELLING CODE : 1317

IEEE Madras Young Professionals
 in association with
St. Joseph's IEEE Student Branch Chapter
 presents
WEBINAR ON
"IDEA TO PRODUCT : A RESEARCH PATHWAY FOR STUDENTS"

Our Speaker
Mr. Ramneek Kalra
 IEEE Impact Creator &
 Author at IEEE USA E-BOOKS

4.00 pm to 5.00 pm

E-Certificates will be provided to all the participants

Register @<https://bit.ly/MASYPReg> Exclusively for College Students

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 Professor & Head - Staff Affairs
NISP Coordinators
Dr. T.V. Narmadha M.E., Ph.D.
 Professor & Head - Lab Affairs
SBC Counsellor
Mr. R. Sreekanth M.E., Ph.D.
 Assistant Professor

Student Coordinators
 IEEE SJCE SBC TEAM

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IEEE Madras Young Professionals in association with IEEE St. Joseph's College of Engineering Student Branch Chapter organized a webinar on “**IDEA TO PRODUCT: A RESEARCH PATHWAY TO STUDENTS**” on June 27th, 2021. The webinar was delivered by “**Mr. Ramneek Kalra**”, is an IEEE impact creator and author of USA E-Books. This webinar was fully Organized by members of IEEE St. Joseph's College of Engineering Student Branch Chapter. From the beginning, the speaker keenly interacts with participants to penetrate the topic. Also, the speaker calmly answers the questions of the participants. After Q & A session, thank note from IEEE SJCE SBC to our esteemed Speaker by Ms. Jenin. On behalf of IEEE St. Joseph's College of Engineering, A memento was presented to the speaker by Ms. Diviya.

PIC: event poster

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 OMR, Chennai - 119.
Counselling Code :1317

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
 IEEE Women in Engineering Affinity Group
 presents
 on behalf of Women in Engineering Day

2021
 June
 26-28

All the Partakers will earn E-certificates

word HIPPO

Quiz Link : https://bit.ly/word_hippo

3:00 pm to 5.00 pm

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 Professor & Head - Lab Affairs
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Mr. R. Sreekanth M.E., Ph.D.
 Assistant Professor

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

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Our IEEE SJCE SB – WIE organized a quiz event “**WORD HIPPO**” which was conducted between 26 to 28th of June 2021 on behalf of Women in Engineering Day. The number of participants were 25. A merit certificate was given to top three winners. Ms. L.M. Shamily [1], Ms. A. Selina [2], and Ms. B. Aarthi [3] were the winners. Certificates of participation were presented to all other participants.

PIC: event poster

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Jeppiaar Educational Trust
OMR, Chennai - 119.

Counselling Code :1317

IEEE Madras Section WIE AG
in association with
IEEE SJCE Women In Engineering AG
presents

"தமிழ் இணையமேடை பட்டிமன்றம்"
தலைப்பு
பெண்களின் எதிர்காலத்தை தீர்மானிப்பவர்கள்
பெற்றோர்களே!! சமூகமே!!

2021
20th
June

விவாத நடுவர்
5:30 - 7.00 pm

உதயராசா.பா
அசுஷா
கிருஷ்ணன்
Dr. N. Kumarappan
Chair & SAC Chair
Madras Section
வாதிடுபவர்கள்
பா. ஸ்வேதா
ரேஷமா.கே.
மு. அமிர்த வர்ஷினி
இரா லே ஜெயசுருதி

Youtube Link: <https://youtu.be/f3QHLQabQlg>

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Deard(Research), St. Joseph's College of Engineering

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

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

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

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

*For Admissions: visit www.stjoes.edu.in / www.stjoescollegeofengg.com or contact: 161 59401 04001 / 161 59401 04002

PIC: event poster

Our IEEE MAS WIE Affinity Group under IEEE Madras Section in association with IEEE St. Joseph's College of Engineering WIE Affinity Group organized an event Pattimandram on 20th of June 2021 on the topic "பெண்களின் எதிர்காலத்தை தீர்மானிப்பவர்கள் பெற்றோர்களே! சமூகமே!" Dr. N Kumarappan, Chairperson IEEE Madras section, as a judge for this event expressed his thoughts. The welcome speech was delivered by Ms. Abinayaa Sri T, Vice Chair for IEEE SJCE WIE Affinity Group. The event went off without a hitch, thanks to six fantastic speakers from SJCE. The session took place on zoom and was broadcasted live on YouTube. The session was between 5.30 - 7PM. It was a completely bug-free session. We are grateful to Dr. N. Kumarappan for assessing and reaching the Delighting judgement. On Behalf of IEEE St. Joseph's College of Engineering, Mementoes were given to Dr. N Kumarappan and Ms. Nithyavathy by Ms. Akshaya, Chair Person of IEEE SJCE WIE Affinity Group.



Our Head of the department Dr. Jayarampradeep has successfully completed the online orientation training program for mntors organized from 15th march to 19th march 2021 under NITTT



Geetha Shishu Shikshana Sangha (R)

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5th National Level IEEE Project Competition-2021

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Presented to
Dr. Jayarama Pradeep

 St. Joseph's College of Engineering, OMR, Chennai 119

 in recognition of project guidance entitled
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 for being presented in the "5th National Level IEEE Project Competition-2021"
 Organized by IEEE Student Branch (STB17861), GSSSIETW in association with
 IEEE Bangalore Section and IEEE Mysore Subsection on **26th June 2021**.


Dr. Parameshachari B D
 IEEE Student Branch Counselor,
 Professor and Head, Dept. of TCE, GSSSIETW,


Dr. Shivakumar M
 Principal,
 GSSSIETW, Mysuru

Made for free with Certify'em

Our Head of the department Dr. Jayarama Pradeep recognition of project guidance entitled IoT Irrigation for being presented in the "5th National Level IEEE Project Competition-2021" Organized by IEEE Student Branch (STB17861), GSSSIETW in association with IEEE Bangalore Section and IEEE Mysore Subsection on 26th June 2021.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Sl. No.	Event with Photo	Description
1	<p>Mock Interview</p>	<p>Date : 05.06.2021 and 06.06.2021 Venue : Online Nature of Event : Mock Interview Participants : Students from III year CSE No. of participants : 180 Objective: Mock interviews provide candidates with an opportunity to test out their interview skills with someone who is evaluating them for an actual job. A mock interview may be offered through career services for students or recent alumni, by a career coach or through a local workforce services office for candidates in the process of transitioning to a new opportunity. It help candidates reduce their stress and anxiety about interviewing, It help boost the students confidence level, It provide constructive feedback in a low-stress environment, It also help to prepare for behavioral-based interview questions Outcome: The interview was conducted by the Alumni students. They informed about the present status of the company and their expectations.</p>
2	<p>Alumni Talk Series</p>	<p>Duration : Three weeks (08.06.2021 to 26.06.2021) Venue : Online Nature of Event : Alumni Talk Participants : Students from II and III year CSE No. of participants : 127 Objective:</p> <ul style="list-style-type: none"> • To promote knowledge and experience sharing between alumni and students through guest lectures and seminars by alumni; • To enhance job and training opportunities for alumni and students; • To generate an alumni fund to support student projects and scholarship opportunities for students <p>Outcome:The interview was conducted by the Alumni students. They informed about the present status of the company and their expectations.</p>