



## ST. JOSEPH COLLEGE OF ENGINEERING

(Run by MMI Fathers)

SRIPERUMBUDUR, CHENNAI 602117

Approved By AICTE New Delhi Affiliated To Anna University  
(An ISO 9001:2015 Certified Institution)



# Annual Report-2020



<https://www.stjoseph.ac.in>



[sjcemmi@gmail.com](mailto:sjcemmi@gmail.com)

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## About the College

The Institution started with four branches CSE, ECE, EEE & IT in 2008 and has extended its branches MECH, CIVIL & MBA in 2009 and increased intake from 60 to 120 for ECE, Mech & Civil in the year 2010. The present statistics is 1412 students, 879 boys & 533 girls. We are successfully running Post Graduate course in M.E Computer Science and Engineering. Our Founder Chairman Rev. Fr. Dr.J.E.Arulraj founded DMI and MMI congregation in the years 1984 and 1998 with the blessings of Almighty with a goal of grooming a well-disciplined, humanly motivated, intellectually enlightened, technically oriented citizens. In the view of achieving these goals, our DFT is operating 4 Universities, 7 Engineering colleges, 2 Arts and Science colleges, 3 college of Educations, one polytechnic college and 40+ CBSC, International and Residential schools.

### 1.INTERNATIONAL CONFERENCE

On behalf of **ST.JOSEPH COLLEGE OF ENGINEERING**, Department of **EEE,ECE,CSE & IT** has arranged **3<sup>rd</sup>** International Conference on “**Emerging Trends in Engineering and Technology (ICETET 2020)** on 22.08.2020 (online mode). Actually the conference was planned on the month of March, Due to the Pandemic situation the conference is rescheduled, Because of the tedious effort of our Management the conference is held 22.08.2020. The chief Guest for our function is **Dr.Hamid Ali Abed Alasadi, Computer science Department, Basra University , Iraq.**

We received totally **48 papers**. After scrutiny from our review committee members **33 papers** were shortlisted for presentation. Paper presentation for department of EEE and ECE was judged by Dr.P.Chinnaiah, HOD/ECE, Mr.Karthikeyan, AP/EEE & for CSE & IT Judged by Mr..Arunmozhi, HOD/CSE .



The Civil and Mechanical Paper presentation was Judged by Mr. Badrinarayanan, HOD/CIVIL.

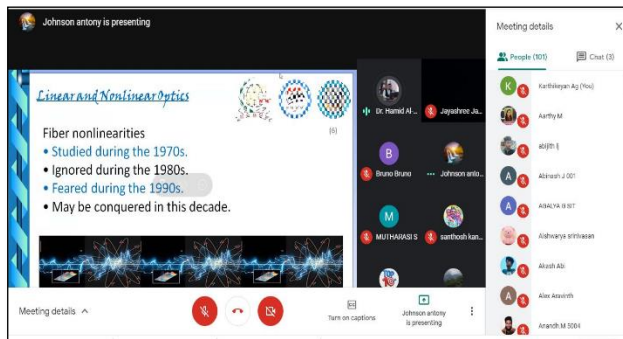


**Chief Guest Profile**



**Keynote speech**

Despite the Pandemic situation the Students and Research scholars are actively participated and made this conference a successful event. Participants are rewarded with the certificate for their active participation. This conference stimulate the students capability and encourages them to do some creative inventions.



**Key Note address and Presentation by chief guest**



**Conference Certificate sample**

## II. Technical symposium

### 2.1 ECLECTICBITZ 2K20

A team of **EEE, ECE, CSE and IT** conducted a National Level Technical Symposium on **19.02.2020**. Around 500 members from various colleges were participated. During this year, 95 of our students presented papers in various Technical Symposiums organized by Engineering colleges in and around Tamilnadu and 25 of them have been won prizes. Dr.MuthuKumar, Director, ETDC, Chennai was the chief guest of technical symposium.



### 2.2.TALENTO 2K19

**MBA** department conducted “TALENTO 2K20” meet on **20.02.2019**. The Chair of Honour on the occasion was Dr.R.Charles Arockiaraj, Prof / HOD - Department of Computer Science, Christ College of Arts And Science, Kilachery. There are 183 students were participated from various Arts and Science Colleges in the competitions such as, Business Quiz, Ad-Zap, Face Painting and Creative Reuse. The top-notch teams were honoured with awards of excellence.



### 2.3. MECHCONSTRO 2K20

On behalf of **ST. JOSEPH COLLEGE OF ENGINEERING**, Department of **Mechanical & Civil** has arranged Technical Symposium on **21.02.2020**.





## III. Webinar

### Department of Computer Science Engineering

#### 3.1. Angular Framework

A Faculty Development Programme was organized to enrich our faculty members, which was inaugurated on **08.07.2020** by the Administrator Rev.Fr.S.XavierManoj and the Principal Dr.T.Ahilan. The Guest lecture was guided by **Prof .Dr.V.Ramachandran, Director DFT Group of Institutions Chennai**. It was an enlightening session as they had shared their real life experiences and told the faculty about the importance of Angular Framework . They focused on various aspects related Angular Framework. The faculty members participated very actively. It was a learning and interactive session for the faculty members wherethey had answered all the queries put up by the facultymembers to their full satisfaction.Over all 97 staff are actively participated in this Faculty Development Program.

The poster is for a Faculty Development Programme on Angular Framework. It features the logos of St. Joseph College of Engineering (run by MMI Fathers) and TVE CERT (ISO 9001:2015). The programme is scheduled for 6-7-2020 to 8-7-2020, from 10:30 a.m. to 12:00 Noon. The resource person is Dr. V. Ramachandran, Director of DFT Group of Institutions, Chennai. A QR code is provided for registration, along with a registration link: <https://forms.gle/h6Amv3UqgRfGpd4a8>. The website <https://stjoseph.ac.in/> is also mentioned. An E-Certificate will be provided to participants.

### 3.2. Designing Free website using google Blog

A Guest Lecture on the topic ”**Designing Free website using google Blog**”, was organized by Department of Computer Science and Engineering on **24.06.2020** with the Resource Person **Dr.M.Robinson Joel, Associate Professor ,Department of Computer Science at Prist University, Chennai.**

The session started from 6.00 p.m. to 7.00 p.m in google meet .The Resource person has a wide knowledge in Designing Free website using google Blogand he interacted with students very well. He gave a detailed overview about the Designing Free website using google Blogds to benefit the students with few video presentation. Over all 97 students are actively participated in this webinar Program.

**ST. JOSEPH**  
COLLEGE OF ENGINEERING  
Near Toll Plaza, Siperumbudur, Chennai – 602 117.  
Counselling Code: 1325

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
ORGANISES WEBINAR IN  
**Designing Free Website using Google Blog**

Date: 24 June 2020  
Timing : 6 pm - 7 pm

-Registration is Free  
-E-Certificates will be provided to all Participants

**Coordinators**  
Mrs.I.Eugene Berna, AP/CSE  
Ms.S.Aminta Sabatini, AP/CSE

**Convener**  
Mr.B.Arunmozhi  
HOD/CSE

**Dr.M.Robinson Joel**  
Associate professor  
Department of Computer Science  
PRIST UNIVERSITY  
**REGISTRATION**  
<https://forms.gle/liphyGGANK23ZrPA>

Dr.M.Navaneetha Krishnan  
Vice Principal

Dr.T.Ahilan  
Principal

Rev.Fr.S.Xavier Manoj  
Administrator

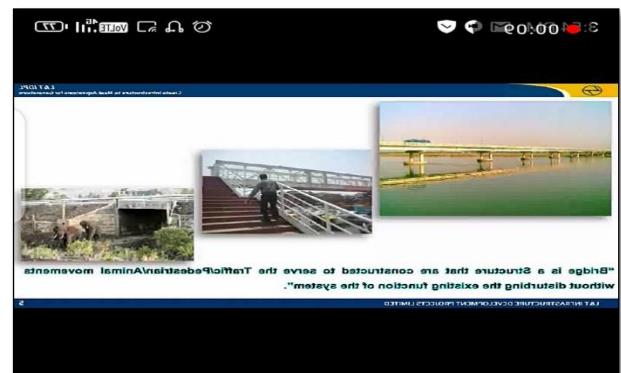
## Department of Civil Engineering

### 3.3.Architectural Approach in Bridge Design

In the present era, the Architectural Approach play a major role in the construction activities, In this Connection, On behalf of ST.JOSEPH COLLEGE OF ENGINEERING, Our Department of CIVIL ENGINEERING has arranged webinar on **Architectural Approach in Bridge Design** on **20.06.2020** (online

mode). Due to the Pandemic situation the conference is scheduled through the Google Meet Application. Because of the tedious effort of our Management the webinar is held on 20.06.2020. The Chief Guest for our webinar is **Mr. M. Ravikumar, B.E.,M.E.,(Struct), Deputy General Manager, Structural Division, L&T Infrastructure Development Projects Limited.**Manapakkam,Chennai-600089.

We received totally 109 Registration response. In that 52 participants are attended the session. Despite the Pandemic situation the Students, Faculty members and Research scholars are actively participated and made this webinar a successful event. Participants are rewarded with the certificate for their active participation. This webinar stimulate the students capability and encourages them to do some creative inventions.



## Department of Electronics and Communication Engineering

### 3.4. Seminar on Neural Network and Deep Learning using MATLAB

The Webinar was planned to conduct on **20 June 2020** on online mode (Google meet) The webinar was scheduled from 10 AM to 11 AM. The resource person for webinar is **Mr.H. Anand Kumar Singh, Head-Electronics Research & Development Baliga Lightning Equipments Pvt Ltd., Chennai** Totally 200

students, Research scholars, Faculty members & Industrial persons registered, among them 92 were actively participated.

**Resource person**  
Mr. H. Anand Kumar Singh  
Head – Electronics Research & Development, Baliga Lighting Equipments PVT Ltd., Chennai.

**ST. JOSEPH COLLEGE OF ENGINEERING**  
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NEAR TOLL PLAZA, SRIPERUMBUDUR, CHENNAI – 602117

**Department of Electronics and Communication Engineering**  
Organizes Seminar  
On  
"NEURAL NETWORK AND DEEP LEARNING USING MATLAB"

**Co-ordinators:**  
Dr.P.Chinniah HoD/ECE  
Mrs.A.Mariya Princy AP/ECE (fhp2020sjc@gmail.com)

**Date:** 20th June-2020  
**Time:** 10.00 to 11.00AM

**Reg/Link:**  
<https://forms.gle/1wGKVeWmXenEgEB>

**For Admission Contact:** 9444405813  
**COUNSELLING CODE:** 1325

### 3.5. Covid-19 Impact: A Mix of Challenges and Opportunities in India

The Webinar was planned to conduct on **20 June 2020** on online mode (Google meet) The webinar was scheduled from 5 PM to 6 PM. The resource person for webinar is **Mr. S. Subburaj, IES Assistant Director, M/o. Labour & Employment Labour Bureau (SR), Chennai** Totally 101 students, Research scholars, Faculty members & Industrial persons registered, among them 76 were actively participated.

**ST. JOSEPH COLLEGE OF ENGINEERING**  
NEAR TOLL PLAZA, SRIPERUMBUDUR, CHENNAI-602117  
Run By MMI FATHERS

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
Organizes  
WEBINAR ON  
"COVID-19 IMPACT: A MIX OF CHALLENGES AND OPPORTUNITIES IN INDIA"

**Resource Person**  
**Mr.S.Subburaj, IES**  
Assistant Director  
M/o. Labour & Employment, Labour Bureau(SR), Chennai  
Government of India

**CO-ORDINATORS :**  
**Dr .P.Chinniah**  
HOD-ECE  
**Ms.Manimegalai.L**  
AP.ECE

**Rev.Fr.S.Xavier Manoj** **Dr.T.Ahilan**  
Administrator Principal

**DATE:** 20 JUNE 2020  
**TIME:** 5 PM TO 6 PM

**Meeting Platform:** GOOGLE MEET  
webinar.ecc.sjcc2020@gmail.com  
<https://forms.gle/V28fWzUwTgXXa9c87>

**For Admission Contact:** 9444405813  
**COUNSELLING CODE:** 1325



### 3.6. Softskills For Success

The Webinar was planned to conduct on **27 JUNE 2020** on online mode (Google meet) The webinar was scheduled from 5:30 PM to 7.00 PM. The resource person for webinar is **Mr. Vivek Arunachalam President, SNUVA Consulting LLC, Dublin, Ohio,USA and President**, Asian Indian American Business Group, Columbus, Ohio. Totally 90 students, Research scholars, Faculty members & Industrial persons registered, among them 67 were actively participated.

**ST. JOSEPH**  
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DEPARTMENT OF ELECTRONICS  
AND COMMUNICATION ENGINEERING  
organises  
WEBINAR ON  
**"SOFTSKILLS FOR SUCCESS"**  
E-certificate will be provided

**Resource Person**  
Mr. VIVEK ARUNACHALAM  
President, SNUVA Consulting  
LLC, Dublin, Ohio, USA  
President, Asian Indian American  
Business Group,  
Columbus, Ohio, USA

**NO REGISTRATION FEE**

**GOOGLE MEET**

Reg link : <https://forms.gle/a33W15vZZM3DFDRS8>  
Webinar link : <https://meet.google.com/ogv-bamp-qyz>  
PLATFORM-GOOGLE MEET  
Email id: webinar.ece.sjce.2020@gmail.com  
Contact No : 8056665175

**CO-ORDINATORS:**  
**Dr.P.Chinniah**  
HOD-ECE  
**Mr.R.Dinesh kumar**  
AP-ECE

**Rev.Fr.S.Xavier Manoj**  
Administrator  
**Dr.T.Ahilan**  
Principal

DATE : 27 JUNE 2020  
TIME : 5.30-7.00 PM

For Admission Contact: 9444405813  
COUNSELLING CODE:1325

### 3.7. Trends in EMI & EMC

The Webinar was planned to conduct on **11 JULY 2020** on online mode (Google meet) The webinar was scheduled from 5:00 PM to 6.00 PM. The resource person for webinar is **Dr.M.Ganesh Madhan Professor and Head, Departments of Electronics Engineering, Madras Institute of Technology, Anna University, Chrompet**. Totally 121 students, Research scholars, Faculty members & Industrial persons registered, among them 78 were actively participated.

**ST. JOSEPH**  
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Run By MMI FATHERS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
ORGANISES A WEBINAR ON  
**TRENDS IN EMI & EMC**

RESOURCE PERSON  
**Dr.M.Ganesh Madhan**  
Professor and Head  
Department of Electronics Engineering  
Madras Institute of Technology,  
Anna University, Chrompet, Chennai-44.

NO REGISTRATION FEE

Platform : Google Meet  
Reg link : <https://forms.gle/HCyjA34cxGi1ukoe6>  
Google meet link : <https://meet.google.com/xgj-qxaj-zjc>  
Email : [webinarecesjce2020@gmail.com](mailto:webinarecesjce2020@gmail.com)  
e-Certificate will be provided

DATE : 11-07-2020 (SATURDAY)  
TIME : 5.00 to 6.00 PM

**Rev.Fr.Xavier Manoj**  
ADMINISTRATOR

**Dr.T.Ahilan**  
PRINCIPAL

**Coordinators :**  
**Dr.P.Chinniah**  
HOD-ECE  
**Mr.M.Santhosh**  
AP-ECE  
Contact Number : 9994794850

### 3.8. Computer Networking –An Industry Perspective

The Webinar was planned to conduct on **27 JULY 2020** on online mode (Google meet) The webinar was scheduled from 5:00 PM to 6.00 PM. The resource person for webinar is **Mr. Mohan Muthu, Proprietor, Best Route Consulting, Coimbatore**. Totally 105 students, Research scholars, Faculty members & Industrial persons registered, among them 88 were actively participated.

**ST. JOSEPH**  
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Run By MMI FATHERS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
ORGANISES A WEBINAR ON  
**COMPUTER NETWORKING - AN INDUSTRY PERSPECTIVE**

RESOURCE PERSON  
**Mr.MOHAN MUTHU**  
PROPRIETOR  
BEST ROUTE CONSULTING,  
COIMBATORE.

NO REGISTRATION FEE

Reg link : <https://forms.gle/TyDXeGGJv8APSkIzA>  
Google meet link : <https://meet.google.com/syx-dlcn-pgv>  
Email : [webinarecesjce2020@gmail.com](mailto:webinarecesjce2020@gmail.com)  
JOIN US : <https://chat.whatsapp.com/ERSELqMATHuG2CofuXgaFd>

DATE : 22-07-2020 (WEDNESDAY)  
TIME : 5.00 PM to 6.00 PM  
e-Certificate will be provided

**Rev.Fr.Xavier Manoj**  
ADMINISTRATOR

**Dr.T.Ahilan**  
PRINCIPAL

**Coordinators**  
**Dr.P.Chinniah**  
HOD-ECE  
**Mrs.Jymin Rose**  
AP-ECE  
Contact Number : 99442 84799

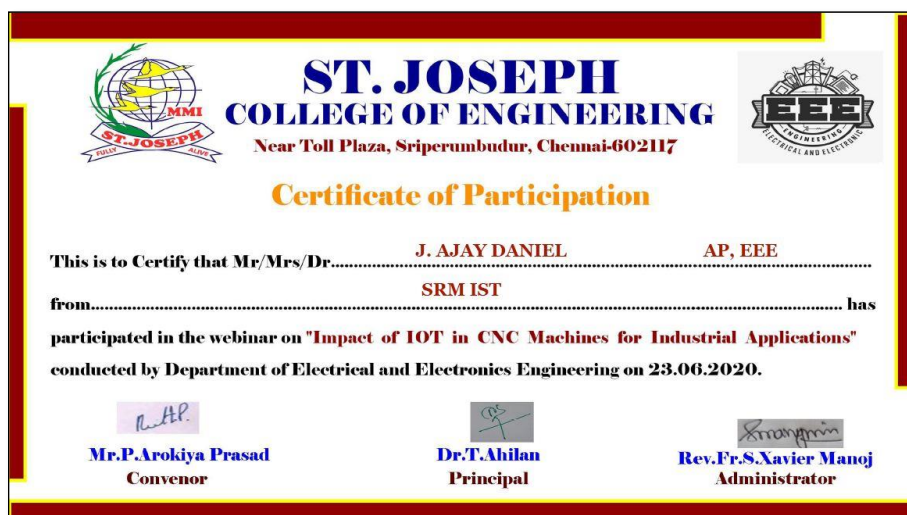
For Admission Contact: 9444405813  
COUNSELLING CODE:1325

## Department of Electrical and Electronics Engineering

### 3.9. Impact of IOT in CNC machines for Industrial applications

The Webinar was planned to conduct on **23th June 2020** on online mode (Google meet) The webinar was scheduled from 10.30am to 11.30am.

The resource person for webinar is **Mr.M.RadhaKrishnan & Mr.T.Prakash**, Manager Application Dept, **FANUC India PVT LTD**. Totally **200** students, Research scholars, Faculty members & Industrial persons registered, among them **193** were actively participated. This Webinar is very useful platform to share knowledge regarding the use of IOT in machinery and Industries.



**Certificate sample**

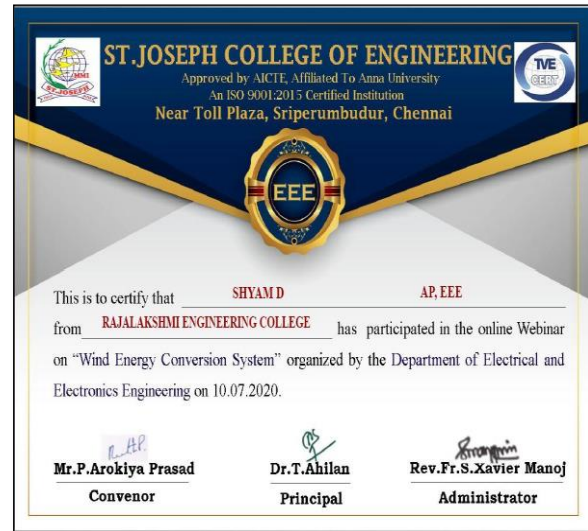
### 3.10. Wind Energy Conversion systems

The Webinar was planned to conduct on **23th June 2020**,. The webinar was scheduled from 3.00pm to 4.00pm. As the impact in the use of renewable energy increased nowadays, the webinar is planned to conduct in the topic “**Wind Energy Conversion System**”. The resource person for webinar is **Dr.U.Sowmiya, AP/EEE**, SRMIST, Kattankulathur. Totally **132** students, Research scholars, Faculty members

& Industrial persons registered, among them **116** was actively participated. This Webinar is very useful platform to share knowledge regarding wind energy harvesting and different types of motor employed in it.



**Webinar Poster**



**Certificate sample**

## Department of Mechanical Engineering

### 3.11. Emerging trends in manufacturing engineering.

The Webinar was planned to conduct on **1 JULY 2020** on online mode (Google meet) The webinar was scheduled from 11:00 AM to 12.00 PM. The resource person for webinar is **Dr. Rabvi Raja Malar Vannan , Associate professor, Saveetha College of Engineering.** Totally 120 students, Research scholars, Faculty members & Industrial persons registered, among them 65 were actively participated.



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ISO 9001,2015

**DEPARTMENT OF MECHANICAL ENGINEERING ORGANIZES**

WEBINAR ON  
EMERGING TRENDS IN MANUFACTURING ENGINEERING

**Dr. R. Ravi Rajan Malar Vannan**  
Associate Professor,  
Department of Mechanical Engineering  
Saveetha Engineering College, Chennai

DATE : 01-07-2020, 11 AM to 12 NOON

Contact : [rgjeyaraja@yahoo.com](mailto:rgjeyaraja@yahoo.com), 9486461531  
Registration is free  
E-certificate will be provided to all participants

Registration link : <https://meet.google.com/xvv-wfp-mfa>  
Webinar link : <https://forms.gle/DY15iqmPL8QF9>

Mr. C. Selvamani, B.E., M.E. Convener  
Dr. B. Gnanasundara Jayaraja Head  
Dr. M. Navaneetha Krishnan Vice Principal  
Dr. T. Ahilan Principal  
Rev. Fr. S. Xavier Manoj Administrator

### 3.12. Balancing Rotating and Reciprocating Masses.

The Webinar was planned to conduct on **9 JULY 2020** on online mode (Google meet) The webinar was scheduled from 06:00 AM to 07.00 PM. The resource person for webinar is **Dr. Palanisamy , Professor, Saveetha Engineering College**. Totally 110 students, Research scholars, Faculty members & Industrial persons registered, among them 87 were actively participated.

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COUNSELLING CODE :1325  
NEAR TOLL PLAZA, SRIPERUMPUDUR, CHENNAI

ISO 9001,2015

**DEPARTMENT OF MECHANICAL ENGINEERING ORGANIZES WEBINAR ON**

**BALANCING OF ROTATING AND RECIPROCATING MASSES**

**BY**

**Dr. P. PALANISAMY**  
Professor,  
Department of Mechanical Engineering  
Saveetha Engineering College, Chennai

DATE : 09-07-2020, 6 PM to 7 PM

Contact : [rgjeyaraja@yahoo.com](mailto:rgjeyaraja@yahoo.com), 9486461531  
Registration is free  
E-certificate will be provided to all participants

Webinar link : <https://meet.google.com/ntc-nwvs-6xa>  
Registration link : <https://forms.gle/aw5d9LQm795U-mR79>

Mr. C. Selvamani, B.E., M.E.  
Mr. C. Gopikrishna Reddy, B.E., M.E.  
Mr. T. Rajaramban, B.E., M.E.  
Coordinators

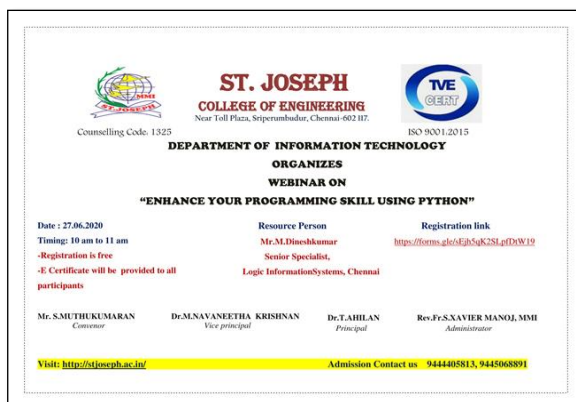
Dr. B. Gnanasundara Jayaraja Head  
Dr. M. Navaneetha Krishnan Vice Principal  
Dr. T. Ahilan Principal  
Rev. Fr. S. Xavier Manoj Administrator

## Department of Information Technology

### 3.13. Enhance your Programming skill using Python

The Webinar was planned to conduct on **27th June 2020**,. The webinar was scheduled from 10.00 am to 11.00 am. The webinar is planned to conduct in the topic “Enhance your Programming skill using Python”. The resource person for webinar is **Mr.M.Dinesh kumar, Senior specialist, Logic Information System LTd, Chennai**

Totally 106 members of students and faculty members registered for this webinar, among them 92 was actively participated. This Webinar is very useful platform to share knowledge regarding Programming using python and its applications.



### 3.14. Machine Learning and its Application

The Webinar was planned to conduct on **15th July 2020**,. The webinar was scheduled from 6.00pm to 7.00pm. The webinar is planned to conduct in the topic “Machine learning and its application”. The resource person for webinar is **Dr.Durairaj Vincent, Associate professor VIT University** .

Totally 95 members of students and faculty members registered for this webinar, among them 82 was actively participated. This Webinar is very useful platform to share knowledge regarding Machine learning and its applications

**ST. JOSEPH**  
COLLEGE OF ENGINEERING  
Near Toll Plaza, Sriperumbudur, Chennai-602117.

Counseling Code: 1325

ISO 9001:2015

**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**ORGANIZES**  
**WEBINAR ON**  
**"MACHINE LEARNING AND ITS APPLICATIONS"**

Date : 15.07.2020  
Timing: 6 pm to 7 pm  
-Registration is free  
-E Certificate will be provided to all participants

Resource Person  
Dr.Durai Raj Vincent P.M  
Associate Professor,  
VIT University

Registration link  
<https://forms.gle/FzTXZYv753W1UoB7>

**Coordinators**  
Mr. S.MUTHUKUMARAN  
HOD-IT  
Mr.S.KARTHI, APIT

**Vice principal**  
Dr.MANAVEEETHA KRISHNAN

**Principal**  
Dr.T.AHILAN

**Administrator**  
Rev.Fr.S.XAVIER MANOJ, MMI

<http://stjoseph.ac.in/> Admission Contact us: 9444405513, 9445068891

**ST. JOSEPH**  
COLLEGE OF ENGINEERING  
Near Toll Plaza, Sriperumbudur, Chennai 602117.

DEPARTMENT OF INFORMATION TECHNOLOGY  
**CERTIFICATE OF PARTICIPATION**

This is to certify that Ms SWETHA A  
from ST.JOSEPH COLLEGE OF ENGINEERING  
has attended webinar on **"MACHINE LEARNING AND ITS APPLICATIONS"**  
On **15<sup>th</sup> July, 2020**

Mr. S. MUTHUKUMARAN  
HOD-IT

Dr. MANAVEEETHA KRISHNAN  
Vice principal

Dr. T. AHILAN  
Principal

Rev. Fr. S. XAVIER MANOJ  
Administrator

### 3.15. Empowering Faculty Development: Financial Aid for Training

A total of 77 staff members, encompassing both teaching and non-teaching roles, engaged in Faculty Development Programs (FDP) and various training initiatives, with faculty members receiving financial support to attend conferences, workshops, and related events. Throughout the current academic year, 61 faculty members availed themselves of financial assistance totaling Rs. 48,400/-. This assistance highlights the institution's dedication to nurturing staff development, promoting continuous professional advancement. By furnishing financial support for educational endeavors, the institution not only enhances teaching quality but also fosters a vibrant academic community, demonstrating a proactive stance towards talent cultivation in alignment with evolving educational benchmarks.

## IV. Seminar & Faculty Development Programme

### 4.1. Career Seminar on User Interface (UI) & User Experience (UX)

Seminar on User Interface and User Experience was conducted on 22.01.2020 by the department of Information Technology. Resource Person was E.D.Sathish kumar, Senior Career Advisor, ICOT Design& Media College. Totally 62 students participated from III year and IV year.



Seminar on User Interface and User Experience -22.1.2020

### 4.2. Workshop on “Machine Learning”

On **15.02.2020** the Machine learning workshop was organized by the department of Information technology and the department of Computer science and Engineering. The resource persons are **Dr.Ramachandran Director, DFT** and **Mr. Malaya Rout, Senior Data Scientist, Verizon India Ltd.**, shared their knowledge related with Machine Learning. Totally 25 staff gave their presence during the program and gained knowledge in this Recent Technology.





### 4.3. Seminar on Societal application of ionizing and non ionizing radiation

With the blessings of St. Joseph Management and constant encouragements of our respected Principal Dr. T. Ahilan, a webinar was conducted in order to enhance online learning skills of our faculties and students. The department of Physics hosted the webinar on the following topic .Societal application of ionizing and non ionizing radiation. Resource person **Dr. Ravisankar, Assistant professor of physics, Government Arts College, Thiruvanamalai.** More than 100 participants both teaching faculty members and students were participated.

### 4.4. Beyond Motivation: Engaging Students

We are proudly report you that, Department of Management Studies has arranged and organized "Five Days Faculty Development Programme (FDP) on

**Beyond Motivation: Engaging Students** (Online & Offline) from **20.07.20 to 24.07.20**. 45 faculties from inside and outside colleges were participated. **Mr.S.John Kaviyarasu, Loyola College, Nungambakkam**, Chennai, Mr.S.Yesudoss Arokiam, Loganatha Narayanasamy Govt College, Ponneri, and Prof.Dr.V.Ashok Immanuel, Christ University, Bangalore were handled the sessions efficiently.

## V. Placement

Begun Coursera an International Online stage, to build up the limits of our understudies and resources during pandemic occasions with 2000 Free login. Coursera is an American enormous open online course supplier set up in 2012 by Stanford University's PC programming teachers Andrew Ng and Daphne Koller that offers giant open online courses, specializations, certificates, expert and expert track courses degrees, master and master track courses

<b>Initiated on</b>	10.08.2020
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<b>Validity</b>	Life long
<b>Students Enrolled</b>	260
<b>Course Completed</b>	43

Initiated IEI Professional Society with Institution long-lasting enrolment additionally wanting to introduce understudies' section in all offices in an impending semester









<b>Initiated on</b>	11.01.2020
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Position report scholastic year 2019-20 & 2020 -21 (Till Date):









Scholastic year	Strength	Placement	%
2019 -20	212	191	90 %
2020-21	331	132	-

### 5.1. No. of Company Visited and Students Placed during 2019-2020 Academic year





Sl. No	Company Name	Date	Salary	No. Students Placed
1	 SUTHERLAND	14.02.2020	2.5LPA	28
2	 Spiders	4.02.2020	3LPA	16
3	 OMNEX	28.01.2020	1.80LPA	25
4	 NSE	12.02.2020	3 to 5 LPA	02
5	 wipro	12.02.2020	3 to 5 LPA	01
6	 THE SALEM LAND SURVEY INSTITUTE — GET EDUCATION ON YOUR SIDE —	04.09.2019	1.80 LPA	19
7	 FLDEC	22.02.2020	2.16 LPA	03
8	 Thasmai Automation(P)Ltd.	19.02.2020	2.19 LPA	01
9	 ProV	20.02.2020	3 LPA	01

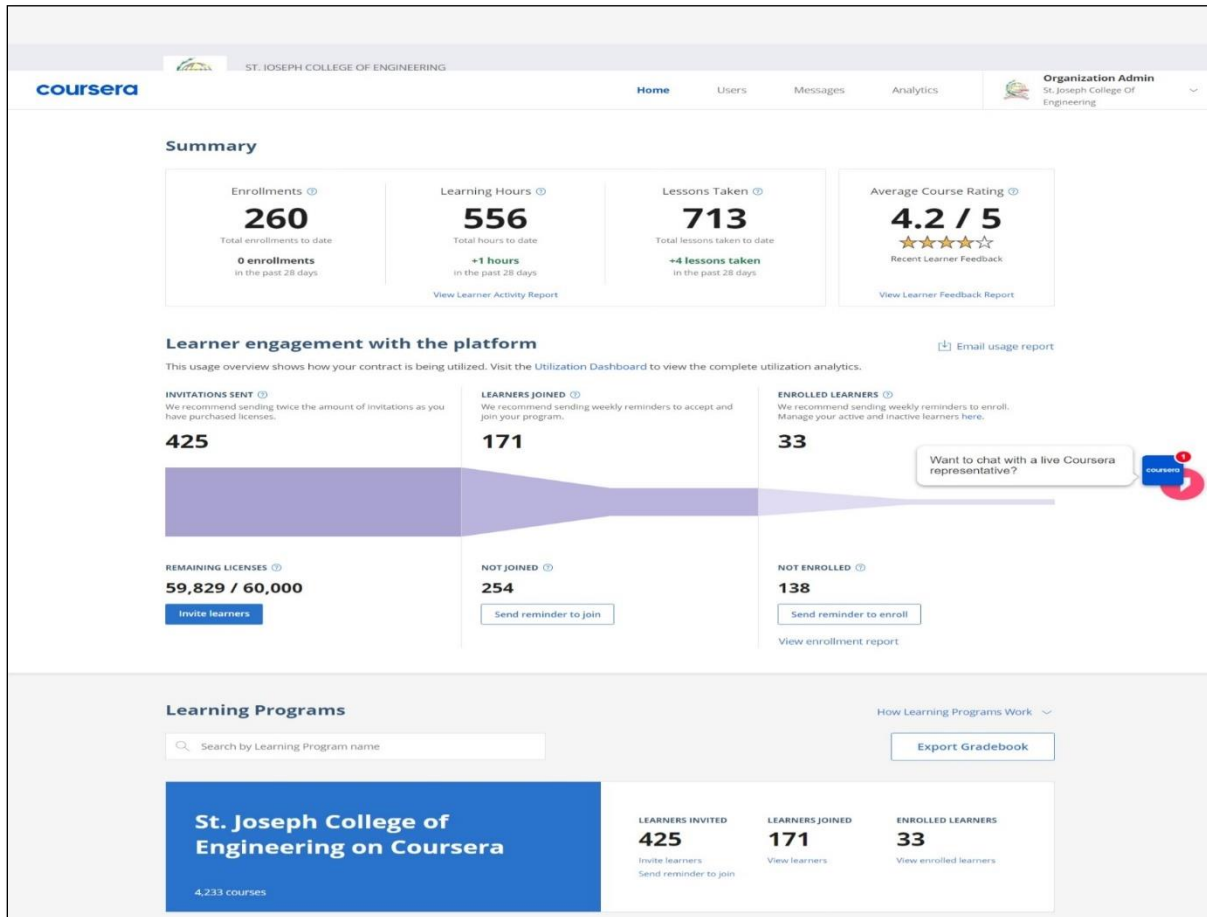
10	 VEE TECHNOLOGIES	04.03.2020	2.16 LPA	12
11	 MAESTRO STEEL DETAILING INC	25.03.2020	1.80 to 2.4 LPA	03
12	 HCL HCL TECHNOLOGIES	24.02.2020	3 LPA	17
13	 GLOINNT	28.02.2020	2.18 LPA	11
14	 FUTURE GENERALI TOTAL INSURANCE SOLUTIONS	11.03.2020	2.59 LPA	37
15	 TECHNOLOGY The Commerce Hub	14.03.2020	3 LPA	8
16	 Justdial	06.09.2019	1.80 LPA	05
17	 BYJU'S The Learning App	17.07.2020	10 LPA	02
Students got Appointment during the Academic Year 2019-20				<b>191</b>

## 5.2. No. of Company Visited and Students Placed yet during 2020-2021 Academic year

Sl. No	Company Name	Interview Date	Salary	No of Offers	On / Off Campus /Virtual
1	 SUTHERLAND	08.012.2020	2.5LPA	19	Virtual
2	 worksbot™ APPLICATIONS	22 & 24.12.2020	2.5LPA	37	Virtual
3	 faurecia	12. 12. 2020	1.80 LPA	4	Virtual
4	 A P T I V	12. 12. 2020	1.80 LPA	5	Virtual
5	 DSC DaeChang Seat Co., LTD.	12. 12. 2020	1.80 LPA	3	Virtual
6	 FLEXTRONICS X flex	12. 12. 2020	2.16 LPA	31	Virtual
7	 LEAR CORPORATION	12. 12. 2020	1.80 LPA	1	Virtual
8	 MYOUNG SHIN India Automotive Pvt. Ltd.	12. 12. 2020	2.18 LPA	1	Virtual



9		12. 12. 2020	1.80 LPA	16	Virtual
10		12. 12. 2020	2.18 LPA	2	Virtual
11		19 & 20.01.2021	2.16 LPA	10	Virtual
12		21.01.2021	3 LPA	03	Virtual
No. of Students got Offer letter during the Academic Year 2020-21				<b>132</b>	



**Summary**

- Enrollments**: 260 (Total enrollments to date, 0 in the past 28 days)
- Learning Hours**: 556 (Total hours to date, +1 in the past 28 days)
- Lessons Taken**: 713 (Total lessons taken to date, +4 in the past 28 days)
- Average Course Rating**: 4.2 / 5 (Recent Learner Feedback)

**Learner engagement with the platform**

This usage overview shows how your contract is being utilized. Visit the Utilization Dashboard to view the complete utilization analytics.

- INVITATIONS SENT**: 425 (We recommend sending twice the amount of invitations as you have purchased licenses)
- LEARNERS JOINED**: 171 (We recommend sending weekly reminders to accept and join your program)
- ENROLLED LEARNERS**: 33 (We recommend sending weekly reminders to enroll. Manage your active and inactive learners here)
- REMAINING LICENSES**: 59,829 / 60,000 (Invite learners)
- NOT JOINED**: 254 (Send reminder to join)
- NOT ENROLLED**: 138 (Send reminder to enroll, View enrollment report)

**Learning Programs**

Search by Learning Program name  [Export Gradebook](#)

**St. Joseph College of Engineering on Coursera**  
4,233 courses

- LEARNERS INVITED**: 425 (Invite learners, Send reminder to join)
- LEARNERS JOINED**: 171 (View learners)
- ENROLLED LEARNERS**: 33 (View enrolled learners)

## VI. Industrial Visit

### 6.1. Regional Meteorological Centre Chennai

In order to get the real time exposure of industries and research centre our **CSE II year students** (48 in total) were taken for industrial visit to regional Meteorological centre chennai on 19.02.2020. Students started for the visit by 9.00 a.m along with 2 professors and they had seminar on meteorology at 11.00 a.m. By 3.00 p.m students reached our college returning from the centre.

### 6.2. RGM TTC, BSNL

In-order to provide a real time exposure of industries and to gain practical knowledge of their subjects, our **CSE 3rd year students** were taken for industrial visit on 20/02/2020 (Wednesday) to RGM TTC, BSNL at meenambakkam



### 6.3. Prefabricated Building on Sobha Developers

In the Modern Environment , the Prefabricated Structures are very need in the modular Construction Industries.To save the construction time we adopting the

prefabricated panels/structures. In the Department of Civil Engineering, for our Final Year students we chosen Prefabricated structures as one of the Elective Subject in the Eighth Semester. So we brought our students to that construction of Prefabricated Building on Sobha Developers, Bangalore to get the practical exposure of what they learning in the classroom.



#### 6.4. Neyveli Lignite Corporation

An industrial visit to “**NEYVELI LIGNITE CORPORATION**” was organized by the department of **Electrical and Electronics Engineering** of St. Joseph college of engineering, started with prayer on wednesday, **5th February 2020**. Fifty eight students (II year & III year) and two faculties visited the power plant.

The plant engineers explained about ash handling and ash filtration process. The exhaust gases and the fly ash are passed through a chimney constructed at a standard height of about 250m. The super heated steam is sent to the turbine of 3 types: high pressure turbine, medium pressure turbine, low pressure turbine. Turbo alternator is present on the same shaft where turbine is present. Turbo alternator runs at a rated speed of 3000rpm.



**Coal Handling Plant**



**Group photo in front of power station**

The overall process is monitored and controlled by PLC programs. The power produced is then connected to the power grid through switch yards. Switch yard is comprised of circuit breakers, isolators and step up transformers. The Industrial Visit was very informative to all the students.

### **6.5.Kerala Electricals And Allied Engineering Co. Ltd**

An industrial visit to “**KERALA ELECTRICALS AND ALLIED ENGINEERING CO.LTD**” which is located at Ernakulam, Kerala was organized by the department of **Electrical and Electronics Engineering** on 27<sup>th</sup> February 2020 for Final year students (20 members).

The students are divided into 2 batches for the visit. They conducted a very informative session for the students. First, started with a brief introduction about the company. Then their various products, services and also the working of different types of transformers. They also gave different ideas about current demanding technologies used in industries, market scenarios etc.





**Group photo in front of Kerala Electricals And Allied Engineering Co. Ltd**

### 6.6.Nest Soft Technologies, Kerala

An industrial visit to “Nest soft Technologies” Kerala was organized by the department of **Information Technology** of St.Joseph college of engineering on Wednesday, **27th February 2020** for Final year students (25 students). They conducted very informative session for the students about Recent Technologies. First, started with brief introduction about the company. Then they explained the various model of working Projects in the company. They also gave different application area about current demanding technologies used in industries.



**Nest Soft Technologies,Kerala**

## VII.Extra Curricular Activities

### 7.1 Cultural Feast 2020

Our college organized a cultural programme “**Cultural Fest 2K20**” on **15.02.2019**. Makkal Selvan Actor **Mr.Vijay Setupathi** was the Chief Guest for the cultural fest.



### 7.2. Project Expo 2020

Our College conducted Inter College Science Expo “**Innovative Students Project Award 2k20**” for all department students on 07-02-2019. Around 40 schools from Chennai, Kanchipuram & Thiruvallur district were visited science expo. Dr.Shunmugam, Professor/HOD,IIT madras was the Chief Guest for the science expo 2020.



### 7.3 Pongal Celebration

Our College conducted Inter College “**Pongal Celebration 2020**” for all department students on 14-01-2020.



### 7.4. Womens Day Celebration

Science & Humanities department organized a seminar on 5.3.2020 for girl students and female faculty members. The Chief Guests Ms.Divya Swapna Raj, Founder WLF , Ms. R.Gayathri ,Assistant Manager-HR and Dr.Lavanya , Assistant Professor ,SRM gave thought provoking speech on think equal, build smart , innovate for change. Women and girls should give opportunities to contribute for making real change to shape the society by thinking equal like men.





# Thanks

**Knowledge is power. Information is liberating. Education is the premise of progress, in every society, in every family.**

– **Kofi Annan**

