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-2021

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Editorial Board

The SJCE Editorial Board proudly presents the Annual Report 2021. The aim is to keep you updated with all events and happenings in the college and to bring, to you the entire latest buzz. We hope this endeavour succeeds in becoming your one stop shop for all you need to know about our college.

As our college strictly follows the government protocol of Covid-19, all the classes & events were conducted through online mode in the month of August-2021.

EDITOR

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Pope Message

Pope Francis offered his opening reflections on the importance of this Feast, saying "Mary's secret is humility." God looks at the heart, he said, and Mary's humility drew God's gaze to her. He observed that often times the human eye is instead overtaken with appearances and grandeur, while overlooking the essential importance of humility.

By looking to Mary assumed into heaven, the Pope said we see how "humility is the way that brings her to Heaven". To rise up to Heaven, we need to be humble he said, noting the origin of the word humble comes from the Latin word humus meaning "earth". Our gifts or wealth are not what allow us to be exalted by God, but instead it is our humility, our loving and serving God in total giving that matters, the Pope underscored.

We too should look to humility as the starting point in our faith journey, the Pope went on to say, noting that we need to be poor in spirit, which means "in need of God", so that through us the Lord can "accomplish great things".

In conclusion, he asked everyone to pray that Mary may "accompany us on our journey that leads from Earth to Heaven", striving to live with humility, the secret to our journey.

For Full Message : https://www.vaticannews.va/en/pope/news/2021-08/pope-mary-reminds-us-that-god-calls-us-to-a-glorious-destiny.html

Founder Message

DMI and MMI are Congregations of Catholic Religious Sisters and Priests known for their service to humanity in many parts of the world. Self respect through Self sustenance, Self sustenance through Capacity building, Capacity building through knowledge based technical skills, knowledge based technical skill towards respectable employment, and respectable employment towards the realization of one's ability to market one's own ideas, skills and products is our vision for those whom we serve.

To groom well disciplined, humanly motivated, intellectually enlightened, technically oriented citizens with stamina built in to face the changing world and a committed and strong spiritual base is our goal.

All our educational and developmental services are oriented towards this goal which is to be achieved through the collective effort of consecrated Religious, committed collaborators, dedicated staff, receptive students and all others concerned.

We pray and hope that every person who passes through our hands is nourished and enriched in every way, not only to face the future but also to shape his or her own future and that of our country and the universe.

May God bless you!

Rev. Fr. Dr.J.E.ArulRaj

Correspondent Message

Greetings!

"The journey of a thousand miles begins with a single step" is a quote that reverberates through the ages with a significant meaning that the small acts done with care and concern and the meticulous adherence to these steps in the right direction will lead to a giant victory of sorts. SJCE is judiciously moving in the right direction, by organizing various activities and events besides strengthening the excellence in the academic field.

Realizing that academic excellence and soft skills complement each other, our college has been organizing potential programmes to enable and empower the students for acquiring and demonstrating the hidden treasure of their personalities.

Let's work together to provide students with the basic purpose of education which is the development of human personality. Wish you a great year ahead!

- Rev.Fr.Kingsly

Correspondent, MMI

Administrator Message

It fills me with immense pleasure as our college is releasing its August month E-Newsletter. We believe in the philosophy of work is worship and this has blessed us with the perseverance to work for our students tirelessly. Our hard working teachers have always strived for wellbeing of future of our students. Our College aims at all round development of our students.I wish all the success to my hard working teachers & students in their life.

- Rev.Fr.S.Xavier Manoj

Administrator, SJCE

Principal Message

It is my pleasure in congratulating the editorial board on this pleasant occasion of releasing the newsletter for the period August 2021. I consider myself very fortunate to work with many dedicated, innovative and caring staff members, parents and students. Each day is filled with new experiences, learning for all, and the ability to make someone's day better.

Each day I am amazed by the little things the people of our SJCE family do for one another. It is these daily reminders that make our college unique and special.

I express my best wishes for a great success ahead…

- Dr.T.Ahilan, M.E., Ph.D.,

Principal, SJCE

ABOUT SJCE

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.

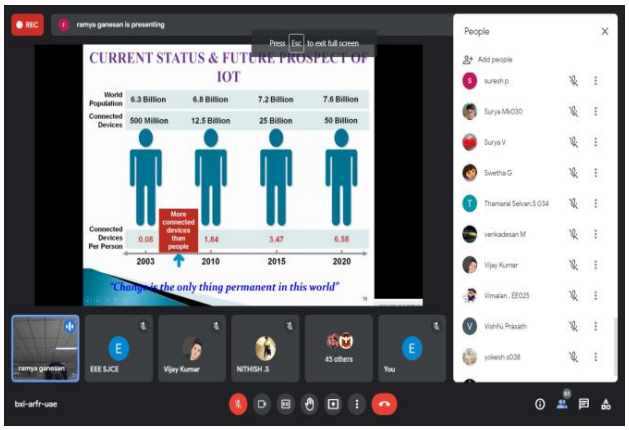
"Coming together is a beginning; keeping together is progress; working together is success"

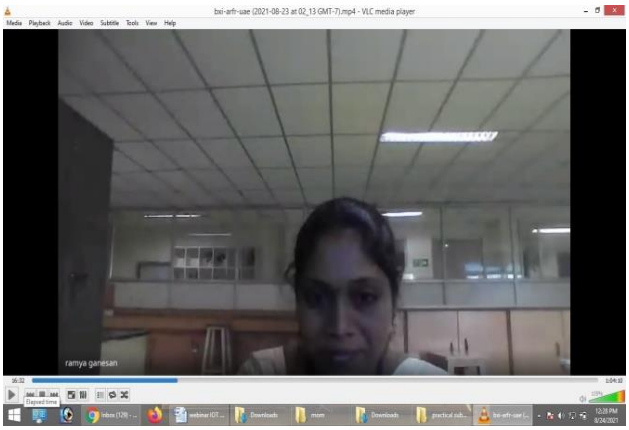
Academic Activities

7.1.Department of Electrical and Electronics Engineering

7.1.1. Introduction to Internet of Things

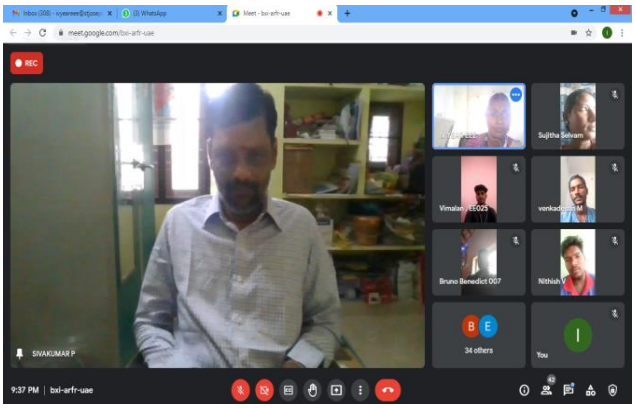
The Webinar on "**Introduction To Internet Of Things"**is conducted successfully on **21.08.2021** from 3:00 pm to 4:00 pm for the II, III & IV years in online mode through Google meet.The main focus of the webinar is to familiarize students with IOT technology. **Dr.G.Ramya**, Associate Professor, Department of ECE, SRMIST addressed the gathering.

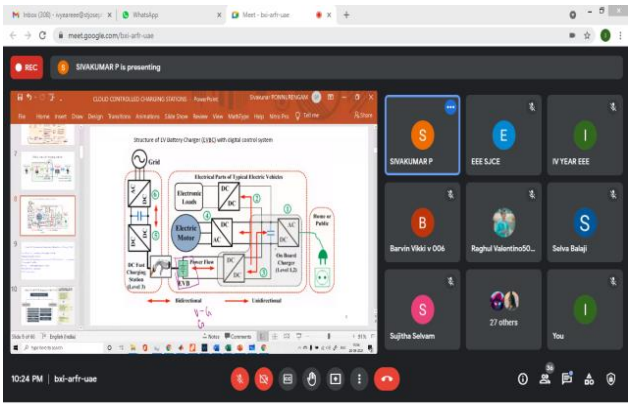




7.1.2. Hybrid IOT controlled based charging station

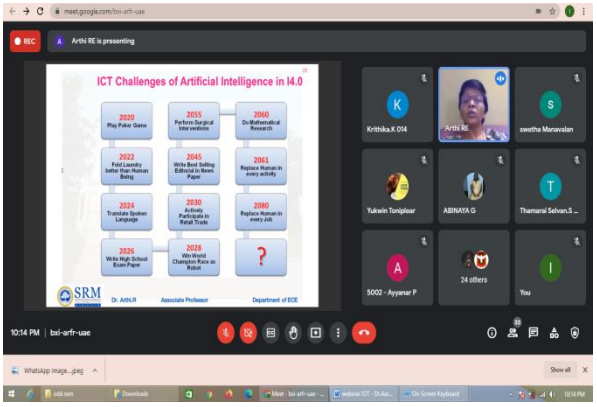
The Webinar on **"Hybrid IOT controlled based charging station"** was conducted successfully on **28.08.2021** from 10:00 am to 11:00 am for the II, III & IV years in online mode through Google meet.The main focus of the webinar is to familiarize students with charging stations controlled by IOT technology. **Dr.P.Sivakumar** addressed the gathering with the following point regarding IOT.

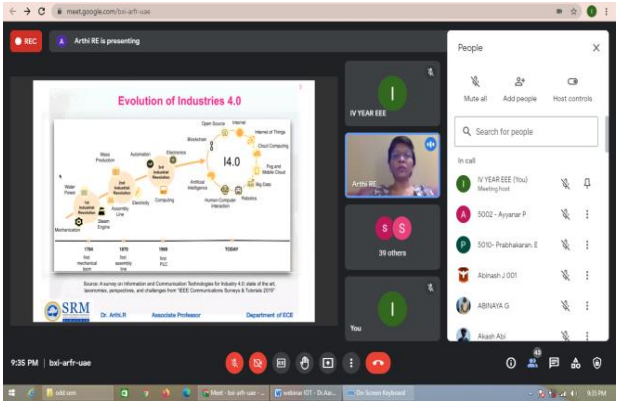




7.1.3. Role of IR 4.0 and Insights to Learning and Retention

The Webinar on **"Role of IR 4.0 and Insights to Learning and Retention"** was conducted successfully on **04.09.21** from 10:00 am to 11:00 am for the II, III & IV years in online mode through Google meet. The main focus of the webinar is to familiarize students with emerging trends in smart product technologies **Dr.R.Arthi**, Associate Professor, Department of ECE, SRMIST addressed the gathering.

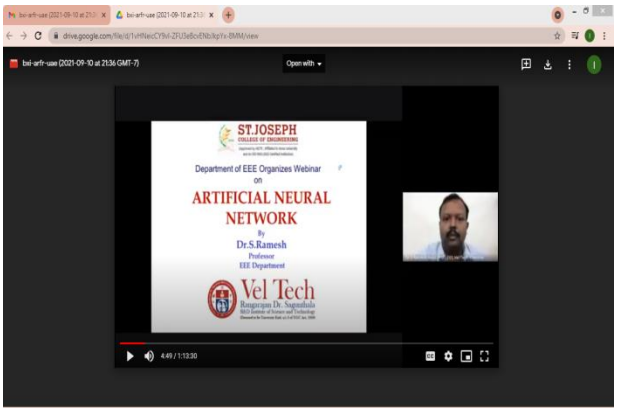


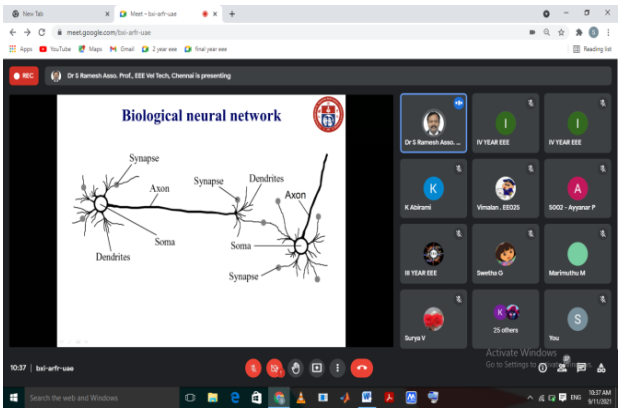


7.1.4.Artificial Neural Network

The Webinar on **"Artificial Neural Network"** was conducted successfully on **11.09.21** from 10:00 am to 11:00 am for the II, III & IV years in online mode through Google meet.The main focus of the webinar is to familiarize students Artificial Neural

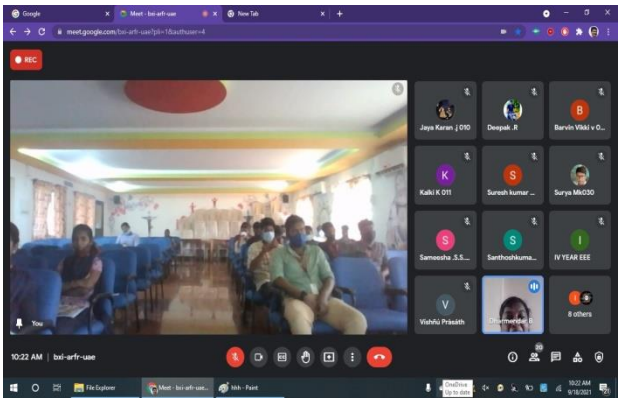
network and its applications **Dr.S.Ramesh**, Professor, Department of EEE, Vel Tech Rangarajan Dr. Sagunthala R&D Institute Of Science And Technology addressed the gathering.





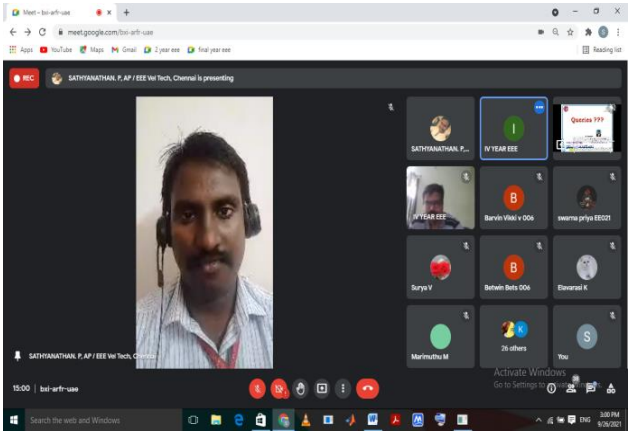
7.1.5.Electromagnetic Theory & Applications

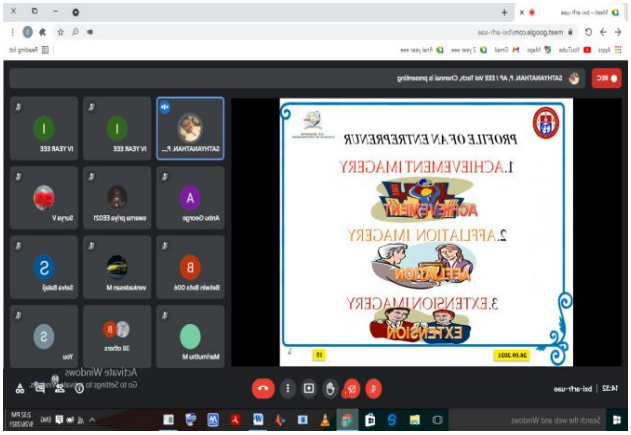
The Webinar on **"Electromagnetic Theory & Applications"** was conducted successfully on **18.09.21** from 10:00 am to 11:00 am for the II, III & IV years in online mode through Google meet. The main focus of the webinar is to familiarize students with concept Electromagnetic theory and its application **Dr.S.S.Sreeja Mole**, Professor, Department of ECE, Christu Jyothi Institute of Technology and Science, Yeshwanthapur, addressed the gathering.



7.1.6.Entrepreneurship- Technology & Innovation

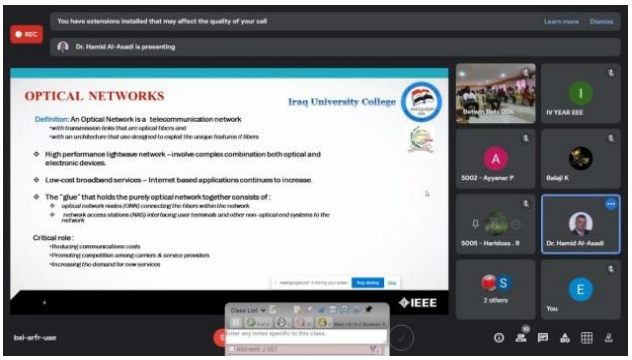
The Webinar on **"Entrepreneurship- Technology & Innovation"** was conducted successfully on **25.09.21** from 2:00 pm to 3:00 pm for the II, III & IV years in online mode through Google meet.The main focus of the webinar is to familiarize students with Entrepreneurship and its development **Mr.P.Sathyanathan**, Innovation Ambassador, Institution's Innovation Council Vel Tech Rangarajan Dr. Sagunthala R&D Institute Of Science And Technology addressed the gathering.





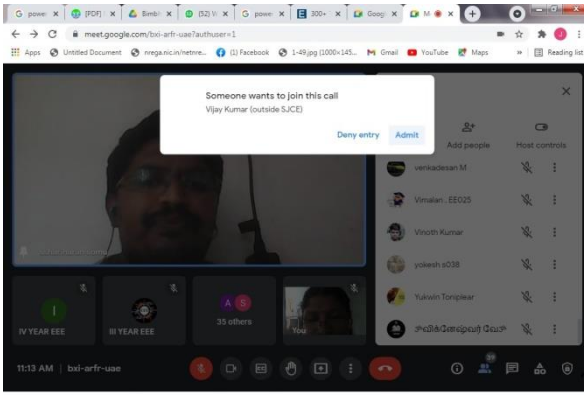
7.1.7.Analysis of Optical Network Architecture

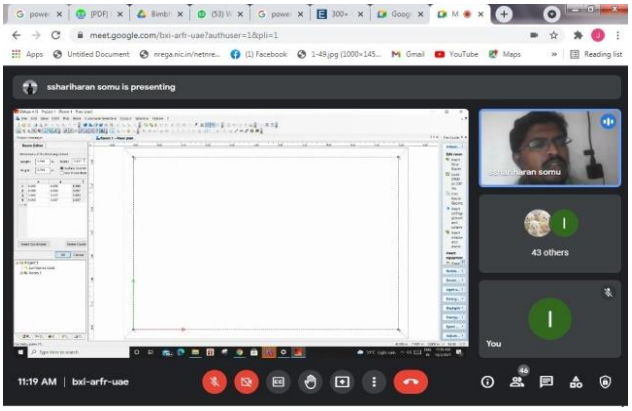
The Webinar on **"Analysis of Optical Network Architecture"** was conducted successfully on **30.09.21** from 10:00 Am to 11:00 Am for the II, III & IV years in online mode through Google meet.The main focus of the webinar is to familiarize students with overview of optical network access **Prof.Dr.Eng.Hamid Ali Abed AL-Asadi**, Department of Communication Engineering, Iraq University College addressed the gathering.



7.1.8.An illumination software-DIALUX

The Webinar on **"An illumination software-DIALUX"** was conducted successfully on **09.10.21** from 10:00 Am to 11:00 Am for the II, III & IV years in online mode through Google meet. The main focus of the webinar is to familiarize students with importance of illumination software-DIALUX and its application. **Mr.S.Hariharan**, Assistant Engineering Manager, L&T construction addressed the gathering.

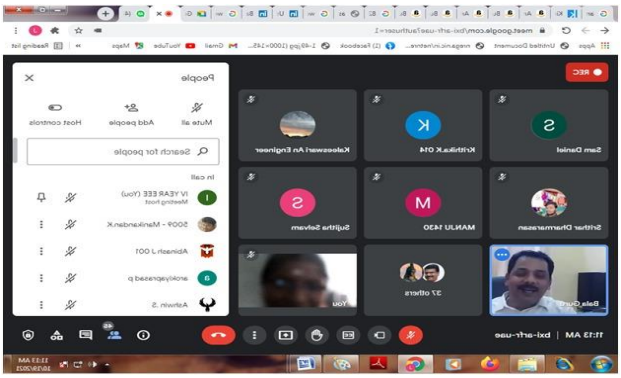


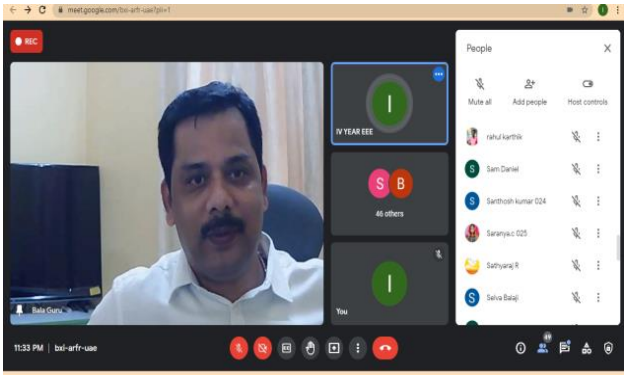


7.1.8.Outcome based Education and Field oriented Opportunity

The Webinar on "Outcome based Education and Field oriented Opportunity" was conducted successfully on **19.10.21** from 11:00 Am to 12:00 Am for the II, III & IV years in online mode through Google meet. The main focus of the webinar is to familiarize

students with Skills of an Engineer, Importance of Communication skills, Future Engineering challenges and outcome based education **Mr.Balaguru**, Founder chairman, GITS Technology addressed the gathering.





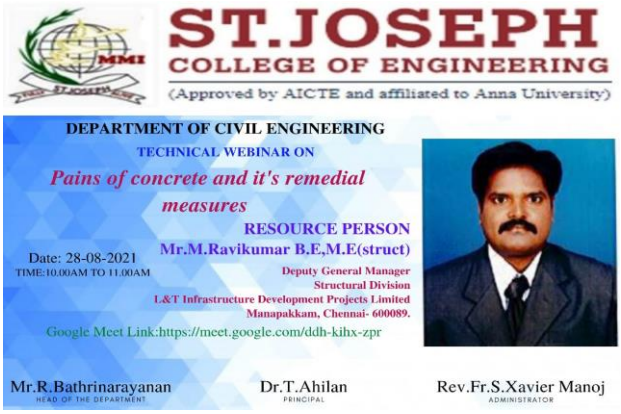
7.2.Department of Civil Engineering

7.2.1.Design Consideration of IS Standard & Overview of NBC

Guest lecturer on **"Design Consideration of IS Standard & Overview of NBC"** on **21.08.2021**. Due to the Pandemic situation the conference is scheduled through the Google Meet Application. The Chief Guest for our guest lecturer is **Mr. R.Logaraja,** Assistant professor. The IS Standard play a major role in the construction activities

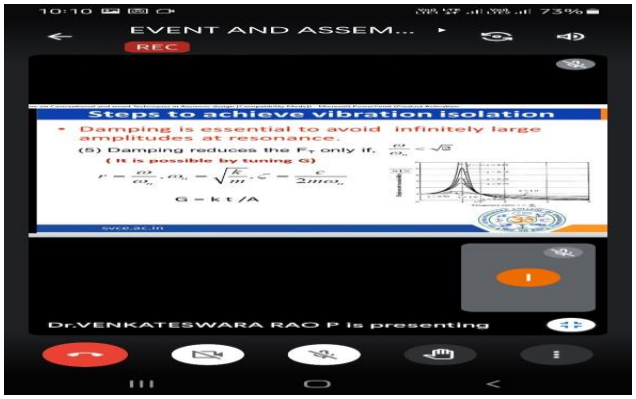
7.2.2.Pains of Concrete and it's Remedies

The webinar on **"Pains of Concrete and it's Remedies"** on **28.08.2021**(online mode). Due to the Pandemic situation the conference is scheduled through the Google Meet Application. The Chief Guest for our webinar is **Mr. M.Ravikumar,** Deputy General Manager, Structural Division, L&T infrastructure Development, Projects Limited, Manapakkam, Chennai-600089.



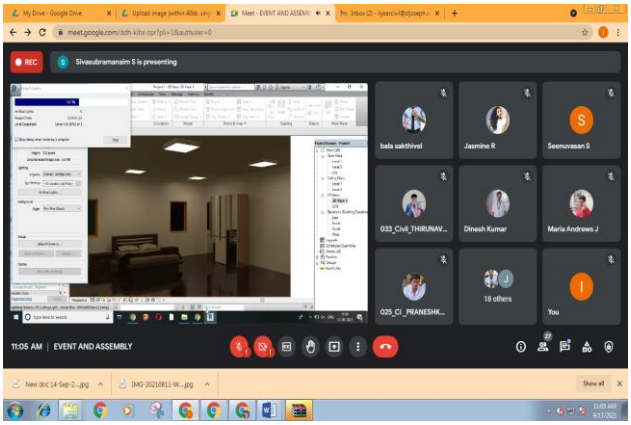
7.2.3.Conventional & Smart Aseismic Design

Guest lecturer on **Conventional & Smart Aseismic Design** on **04.09.2021**(online mode). The Chief Guest for our guest lecturer is **Dr.P.Venkateswara Rao,Ph.D(IITM),** Professor, Department of Civil Engineering,SVCE, Sriperumbudur, Tamil Nadu. The Smart Aseismic (Earthquake Resistant Structure) play a major role in the Earthquake region of construction activities.



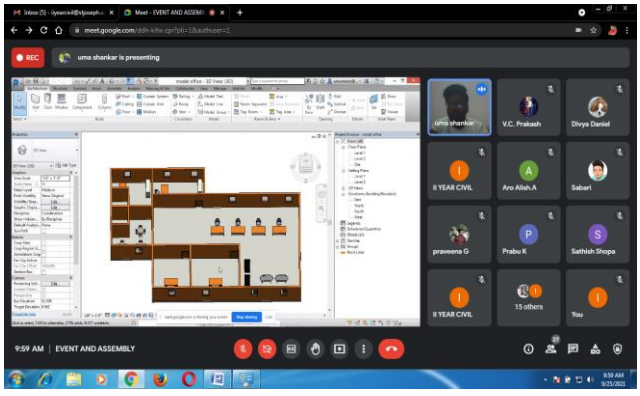
7.2.4.Emerging Technologies on BIM

The Webinar on **Emerging Technologies on BIM** on **17.09.2021**(online mode). Due to the Pandemic situation the conference is scheduled through the Google Meet Application. The Chief Guest for our webinar is **Mr. Bala Sakthivel, B.Arch,.** Autodesk Professional Trainer & Designer, Walflower Design & Engineers, Chennai.



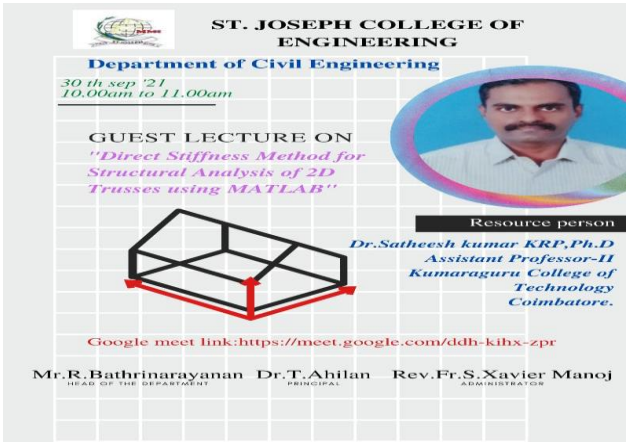
7.2.5.Advanced Technologies in Revit Architecture & MEP

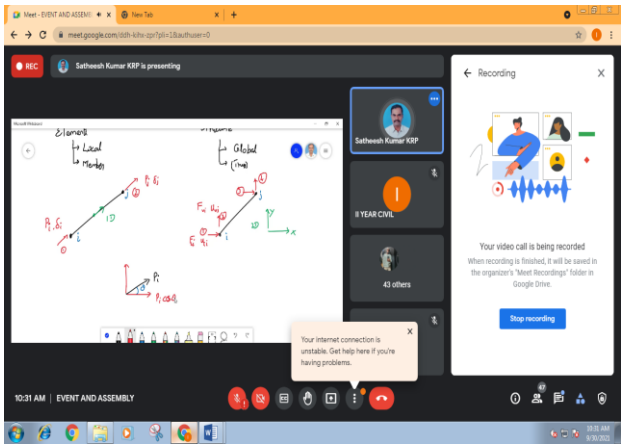
The Webinar on **"Advanced Technologies in Revit Architecture & MEP" on 25.09.2021**(online mode). The Chief Guest for our webinar is **Mr.Uma Sankar,** M.E(Struct), Autodesk Professional, Managing director,US Software and Engineering Technologies, Chennai.



7.2.6.Direct Stiffness Method for Structural Analysis of 2D Trusses using MATLAB

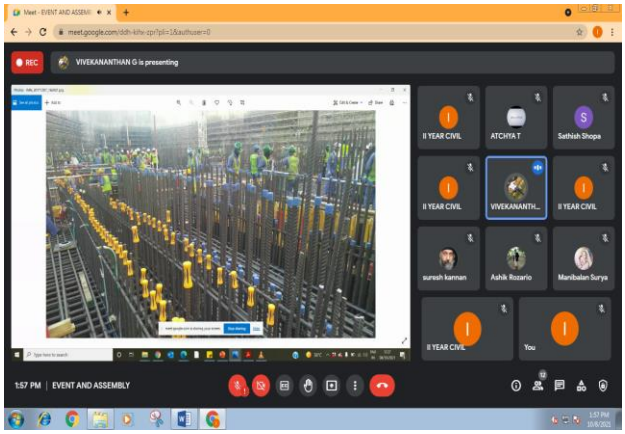
Guest lecturer on **"Direct Stiffness Method for Structural Analysis of 2D Trusses using MATLAB"** on **30.09.2021**(online mode). The Chief Guest for our guest lecturer is **Dr. K.R.P Santheesh Kumar**,Ph.D,. Assistant professor-II, Department of Civil Engineering, Kumaraguru College of Engineering, Coimbatore.





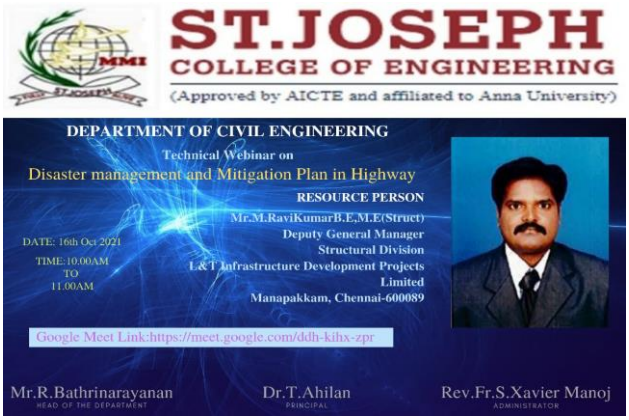
7.2.7.Role of Site Engineering

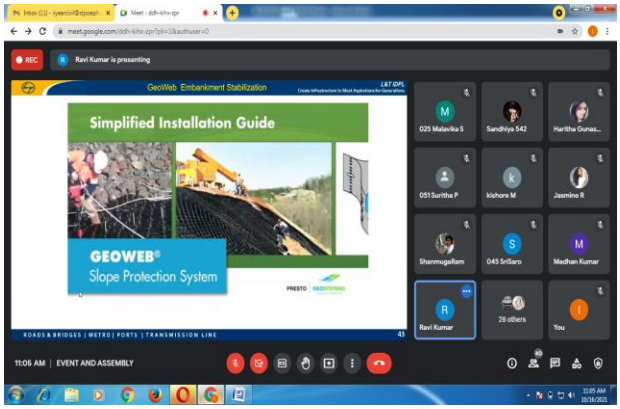
Guest lecturer on **"Role of Site Engineer" on 08.10.2021**(online mode). Due to the Pandemic situation the conference is scheduled through the Google Meet Application. The Chief Guest for our guest lecturer is **Er.G.Vivekandanan**, Technical office Engineer,Belhasa Six Construction LLC,Dubai.



7.2.8.Disaster management and Mitigation plan in Highway

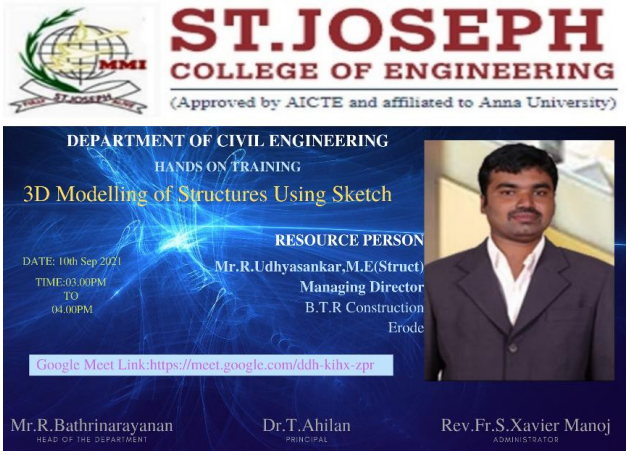
The Webinar on **Disaster management and Mitigation plan in Highway** on **16.10.2021**(online mode).The Chief Guest for our webinar is **Mr. M.Ravikumar,** Deputy General Manager, Structural Division,L&T infrastructure Development, Projects Limited,Manapakkam, Chennai-600089.

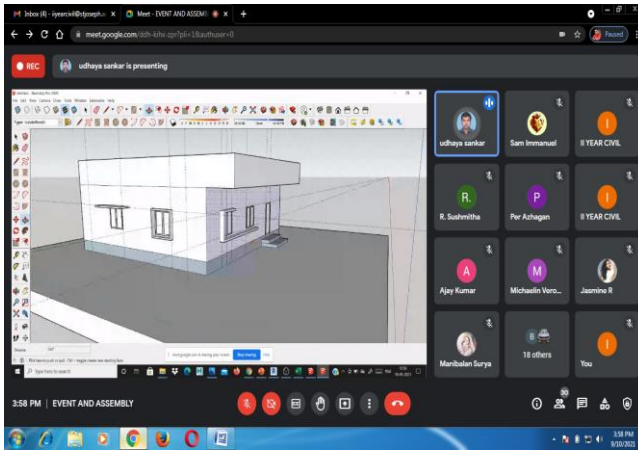




7.2.9.3D Modelling of Structures using Sketchup

In this Connection, On behalf of SJCE, Our Department of Civil Engineering has arranged Hands on training on **3D Modelling of Structures using Sketchup** on **10.09.2021**(online mode). The Chief Guest for our guest lecturer is **Mr.R.UdhyaSankar,** Managing director,B.T.R Construction,Erode.

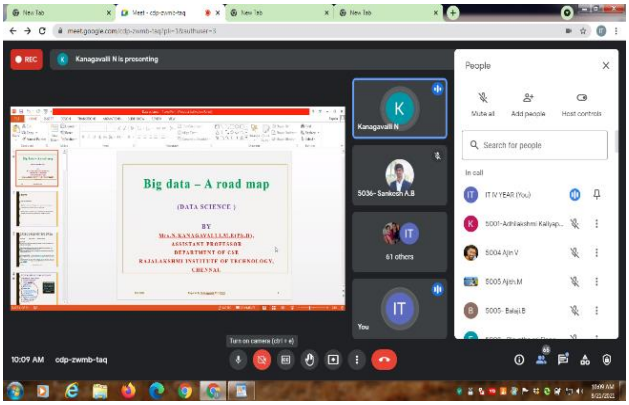


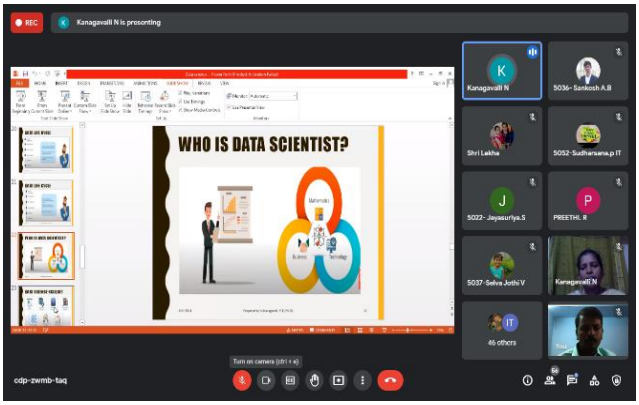


7.3.Department of Information Technology

7.3.1. Big Data-A road map

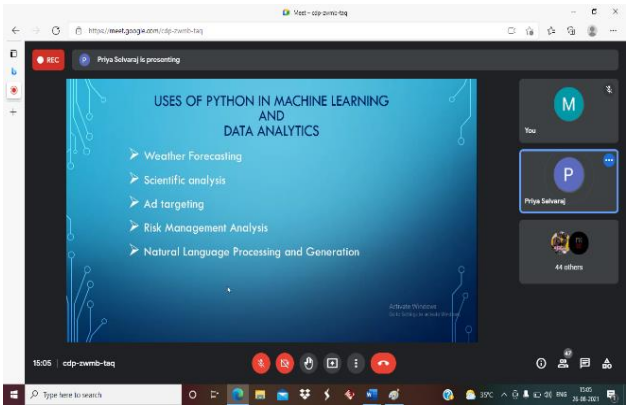
Guest lecture on **"Big Data-A road map"** was conducted on **21.08.2021** for the students II, III and IV year by **Mrs. N.Kanagavalli**, Rajalakshmi Institute of Technology ,Chennai.

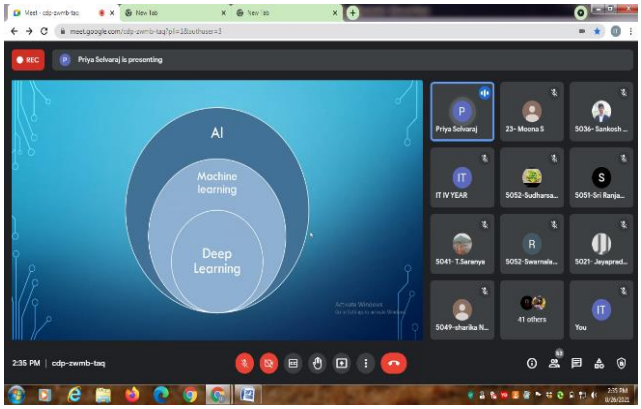




7.3.2. Machine Learning With Python

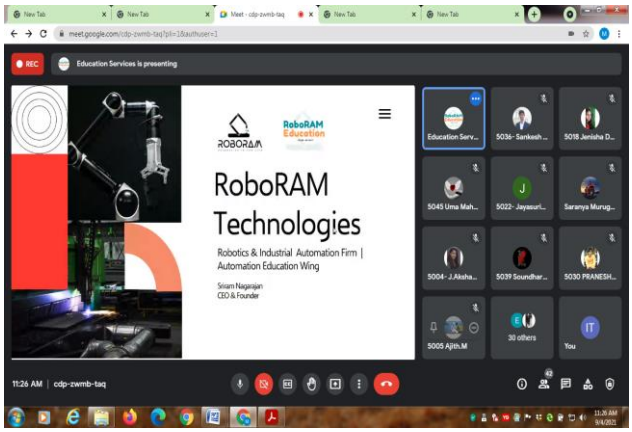
Guest lecture on program on "**Machine Learning With Python"** was conducted on **26.08.21** for the students of II, III and IV year by **Ms.ShanmugaPriya**, Tech mentor and programming trainer NIIT Chennai.

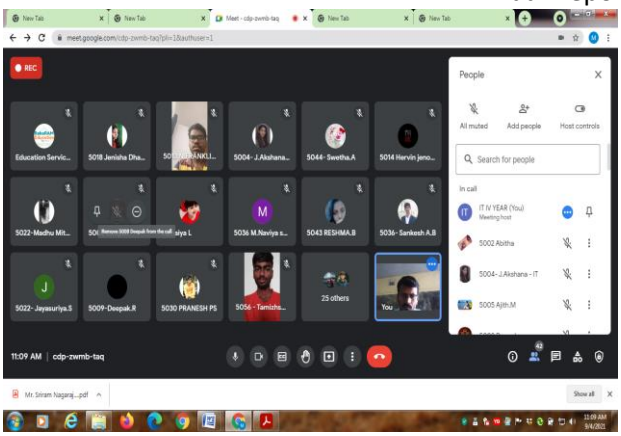




7.3.3.Industrial Automation

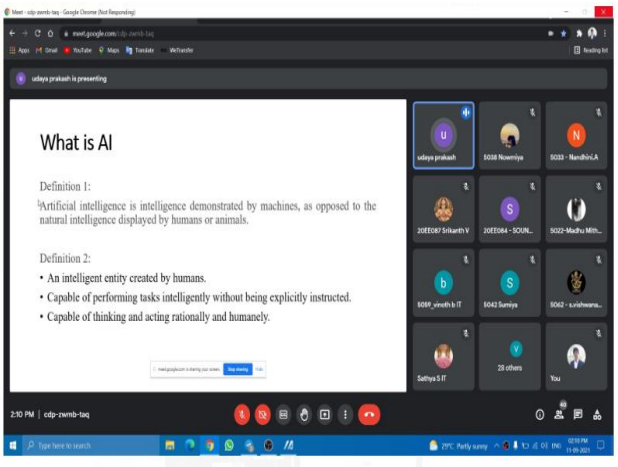
Webinar on **"Industrial Automation "** was conducted on **04.09.21** for the students of II,III and IV year our speaker **Mr.Sriram Nagarajan**, CEO, Automation trainer, Robo Ram Technologies, Chennai.

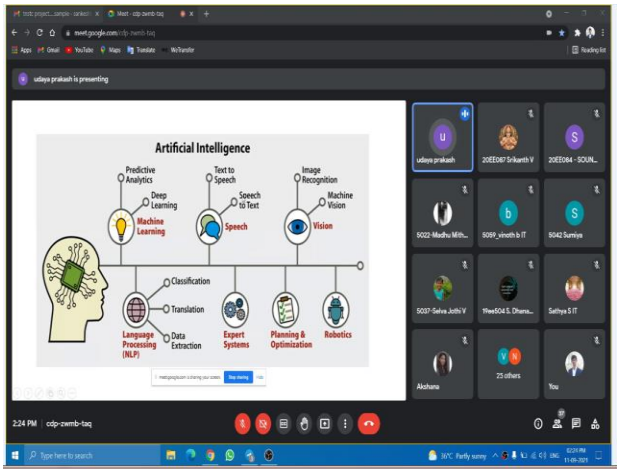




7.3.4.Artificial Intelligence

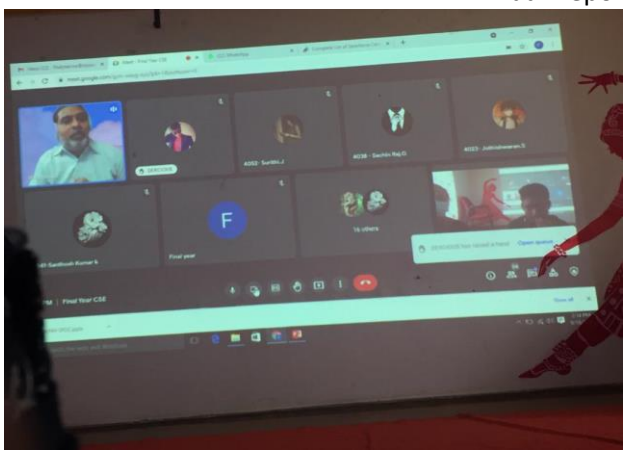
Webinar on **"Artificial Intelligence"** was conducted on **11.09.21** for the students of II, III and IV year by our speaker **Dr. Ezhilavan** , Managing Director, VEI Technologies, Chennai.





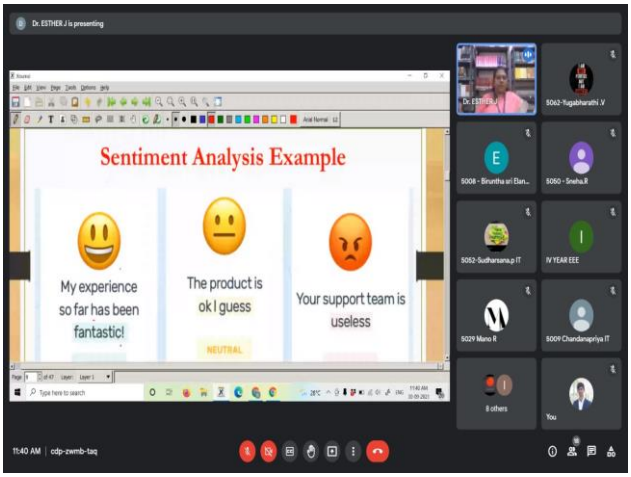
7.3.5. Sales force CDU-CRM

Webinar on **"Sales force CDU-CRM "** was conducted on **18.09.21** for the students of II, III and IV year by our speaker **Er.Vittal Babu.S**, Delivery Head, Tech Mahindra Ltd, Chennai.



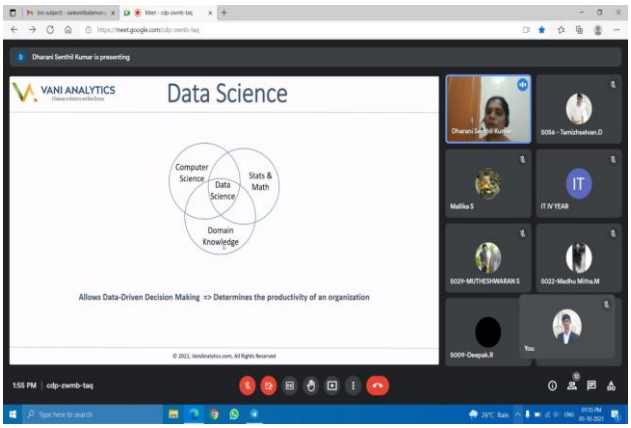
7.3.6.Sentiment Analysis in Social media

Webinar on **"Sentiment Analysis in Social media "** was conducted on **30.09.21** for the students of II, III and IV year by our speaker **Dr. J. Esther** Ph.D., Assitant Professor, Department of CSE, Tagore Engineering college, Chennai.



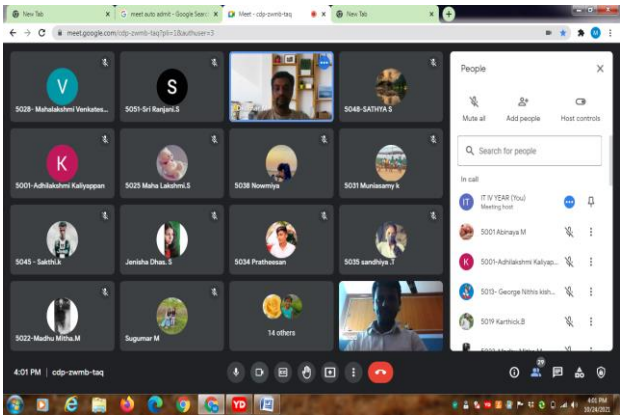
7.3.7.Accelerate Your Career In Data Science

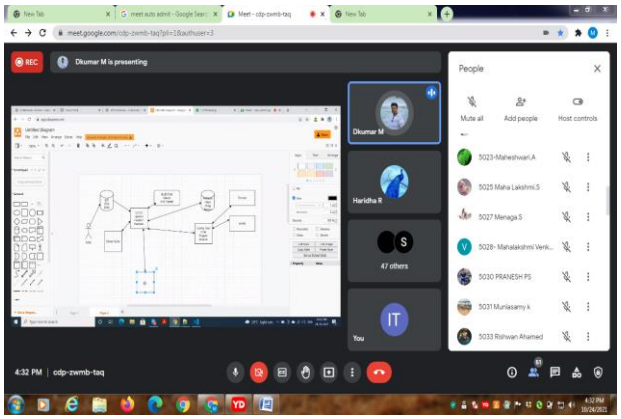
Webinar on **"Accelerate Your Career In Data Science "** was conducted on **05.10.21** (Tuesday) from 01.30 pm to 03.00 pm for the students of II, III and IV year by **Dr. Dharani Senthilkumar** , CEO, Vani Analytics, Chennai.



7.3.8.Devops

Webinar on " **Devops** " was conducted on **24.10.21** (Sunday) from 4.00 pm to 5.00 pm for the students of II, III and IV year by **Mr.M.Dineshkumar**, Senior Specialist ,Logic Information systems, Chennai.

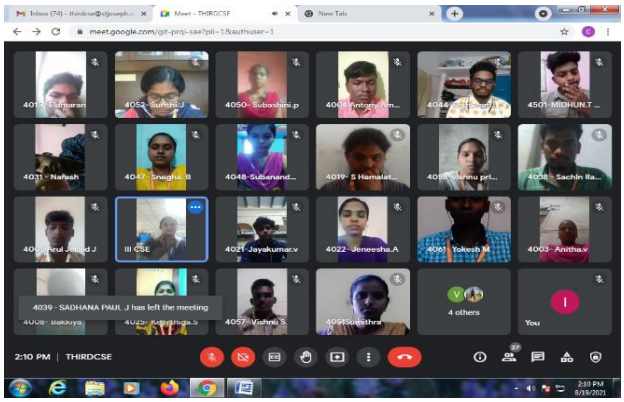


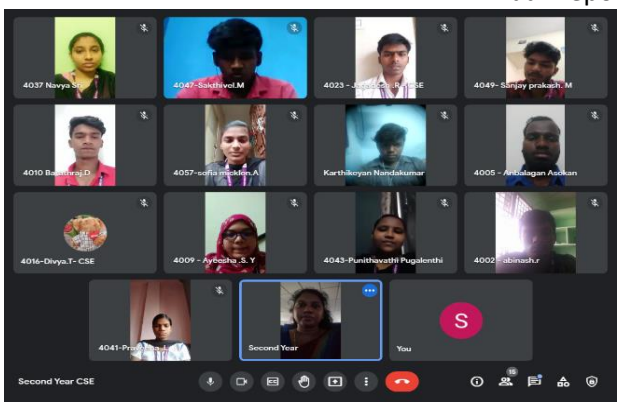


7.4.Department of Computer Science and Technology

7.4.1.Technical Quiz

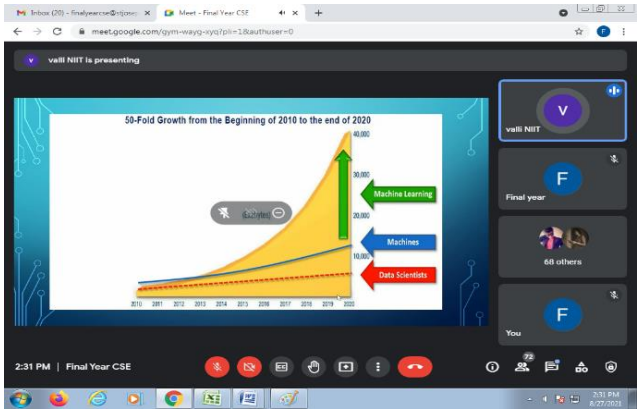
Department of Computer Science and Engineering has organized a **Tech Quiz** for Second Year, Third Year and Final Year Students on **19.08.2021** in C, C++, and Java. A Google Form of 100 multiple Choice Questions were created by our Staffs Mrs.Gowsalya S and Ms.Anu K and was shared through the Google form link to the students. A Total of 107 took the test successfully and came up with flying colours. More than 70 of our students scored more than 95 marks in the test.

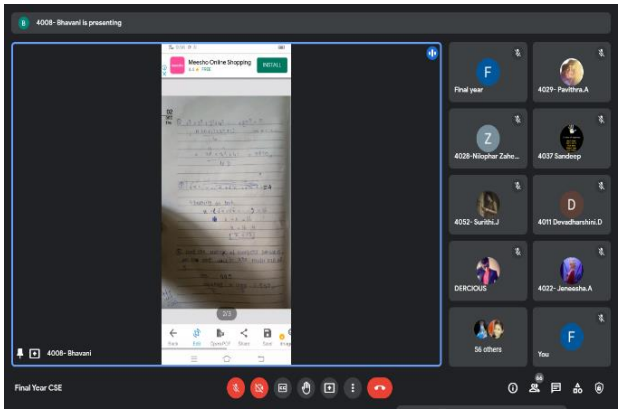




7.4.2.Machine Learning with Python

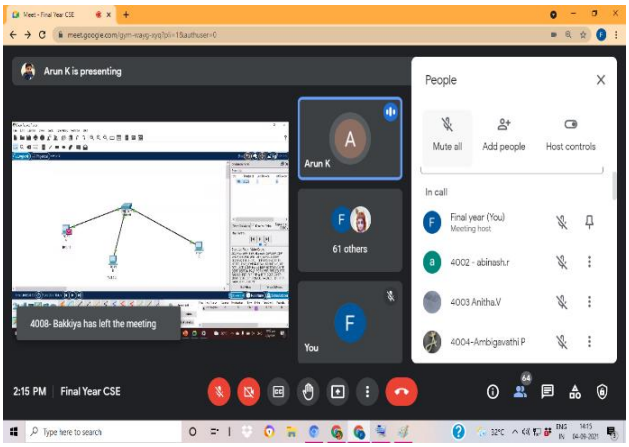
Department of Computer Science and Engineering has organized a guest lecture on "**Machine Learning with Python**" by Tech Mentor and Programming Trainer **Ms. Valli E** from Bryan Softech Solutions Pvt. Ltd conducted through online mode on **27.08.2021**. The session was more interactive and 152 students in total have gained more knowledge on the subject.

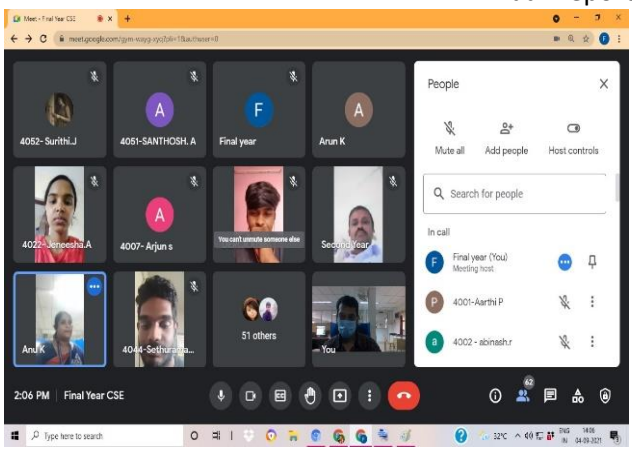




7.4.3.Computer Networking (CISCO - CCNA)

Department of Computer Science and Engineering has organized a Webinar on "**Computer Networking (CISCO - CCNA)"** by **Er.Arun**, Technical Leader from HCL Technologies Bangalore, conducted through online mode on **04.09.2021.**



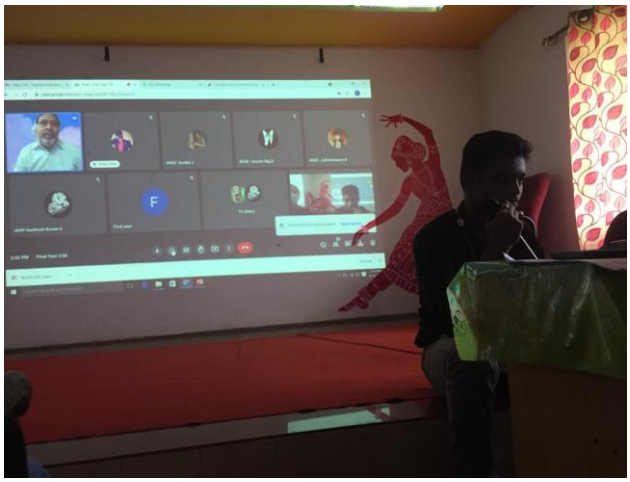


7.4.4.Cloud Computing (CISCO-CCNA-MCSC CCSA)

Webinar on "**Cloud Computing (CISCO-CCNA-MCSC CCSA)"** by Er.M.Kandasamy Senior Service Delivery Manager and **Er.Iianchezian**, Technical Director, CTS, Chennai, conducted Webinar through both online mode and offline mode for all II, III and IV year students on **09.09.2021.**

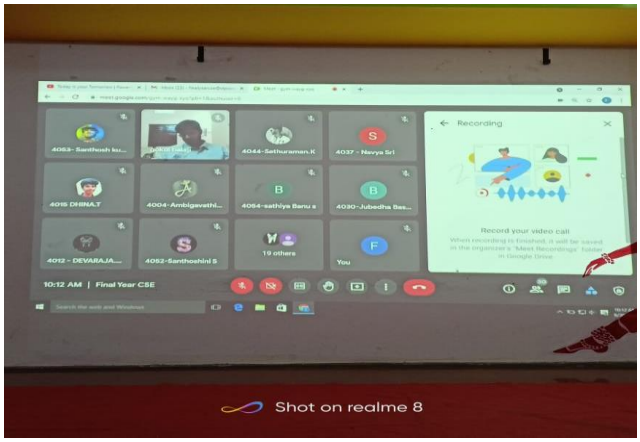
7.4.5.Sales Force CDU-CRM

Webinar on "**Sales Force CDU-CRM**" by **Er.Vittal Babu S,** Delivery Head from Tech Mahindra Ltd. Chennai, conducted through both online mode and offline mode for all II, III and IV year students on **18.09.2021.**



7.4.6.Web Development

Webinar on "**Web Development**" by **Er. Anand Mariansen**, Senior Software Engineer from HCL Technology Ltd. Mexico, conducted through both online mode and offline mode for all II, III and IV year students on **24.09.2021.**



7.4.7.Latest Trends in Mobile and Automation

Department of Computer Science and Engineering has organized a Guest Lecture for Second Year, Third Year and Final Year Students on **8/10/2021** in "**Latest Trends In Mobile And Automation**" at 10:00 Am to 12:00 pm. Speaker was **Mr. M. Soma Sundar**, Associate Vice President from Pyroferus Technologies Limited, Chennai.

7.4.8.Web Development

A Guest Lecture for Second Year, Third Year and Final Year Students on **11/10/2021** in "**Web Development**" at 10:00 Am to 12:00 pm. Speaker was **Mr. Vinoth kumar** B, Founder, Chief Marketing Officer(Cmo) from Ecomarcy Solutions, Chennai, who handled the session in person.

7.4.9.Managed Application Support

A Guest Lecture for Second Year, Third Year and Final Year Students on **23/10/2021** in **"Managed Application Support**" at 10:00 Am to 12:00 pm. Speaker was **Mr. Basavaiah Kotte,** Lead Analyst, CGI Cyber Park, Bangalore who handled the session through video conference.

7.4.10.React Js

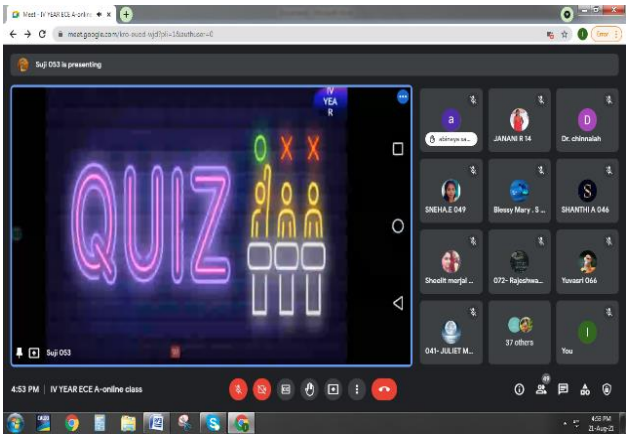
A Guest Lecture for Second Year, Third Year and Final Year Students on **30/10/2021** in "**React Js"** at 10:00 Am to 12:00 pm. Speaker was **Mr. Johny Nishant Moses P**, Senior Software Engineer, Alimetric, Ascendas Tech Park, Tharamani who handled the session in person.

7.5.Department of Electronics and Communication Engineering

7.5.1.Technical Quiz

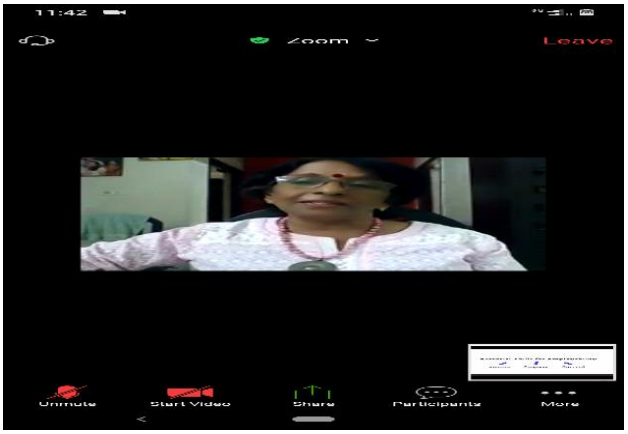
Department of Electronics and Communication Engineering has organized the program **Techno Quiz 2k21** started with all staffs and students on **21.08.2021**. HOD advised the

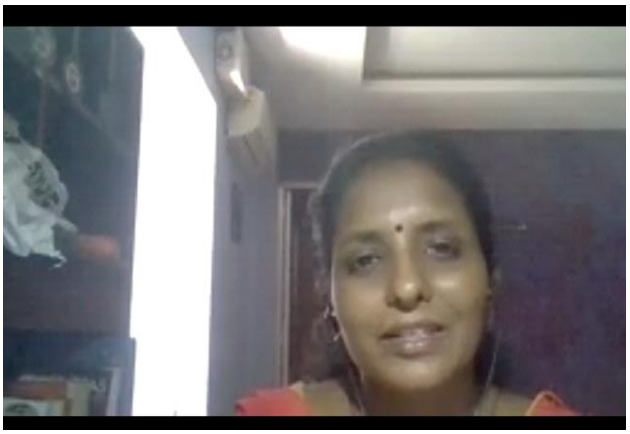
students to gain the knowledge about the recent trends of ECE. More than 50 students were actively participated in Techno Quiz 2k21 and proved their knowledge by giving correct answers.



7.5.2.Honing Employability Skills-Building Blocks

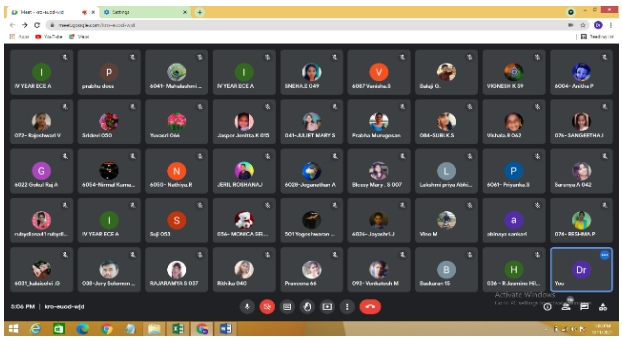
Webinar in "**Honing Employability Skills-Building Blocks"** on **29.08.2021** the session was started by **Dr.Sailakshmi**, Project Head, Stella Maris College, Chennai. She elucidated about the communication shills which should be developed by the participants for employability. Then the session was continued by **Prof. Ms.Chitra Mukundan**, Consultant & Trainer, Stella Maris College, Chennai.





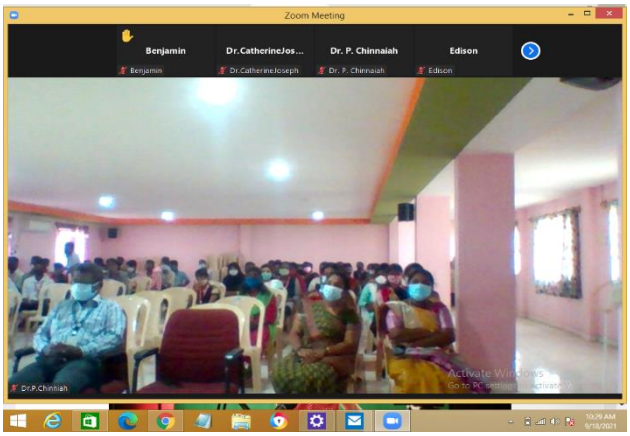
7.5.3.Employability Skills

Department of Electronics and Communication Engineering has organized Webinar on "**Employability Skills**" by our speaker **Ms.Sharon Rubavathy** , Arithmate LLP, Mumbai, conducted through online mode on **04.09.2021**.



7.5.4.Recent Advancement in Device Technology

Webinar on "**Recent Advancement in Device Technology"** by resource person **Mr. Phrabudoss**, V Equal Ir T & C Services, Chennai, conducted Webinar through online mode for all II, III and IV year students on **11.09.2021.**

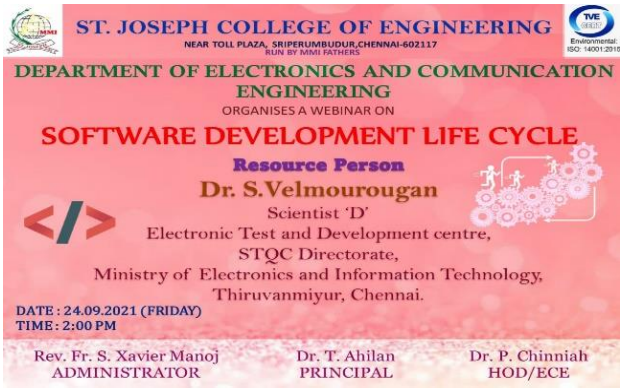


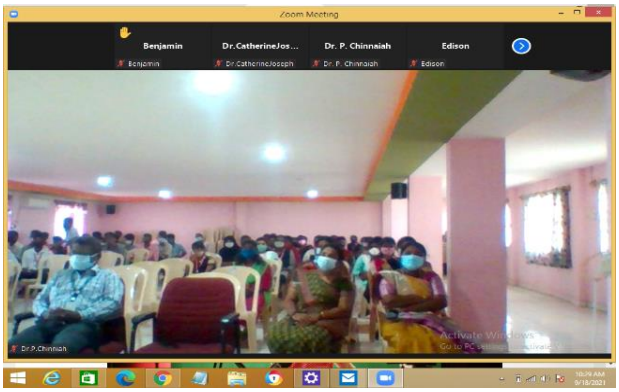
7.5.5.Self Awareness

Webinar on "**Self Awareness**" by resource person **Dr.Catherine Joseph** IAHV,Chennai, conducted Webinar through online mode for all II, III and IV year students on **18.09.2021**. She elucidate that Self-esteem is very important life skill. Building a self-esteem is a first step towards our happiness & better life.

7.5.6.Software Development Lifecycle

Webinar on **"Software Development Lifecycle"** by resource person **Dr.S.Velmourougan**, Scientist 'D' , Electronic Test & Development Centre, STQC Directorate, Chennai, conducted Webinar through online mode for all II, III and IV year students on **24.09.2021.**



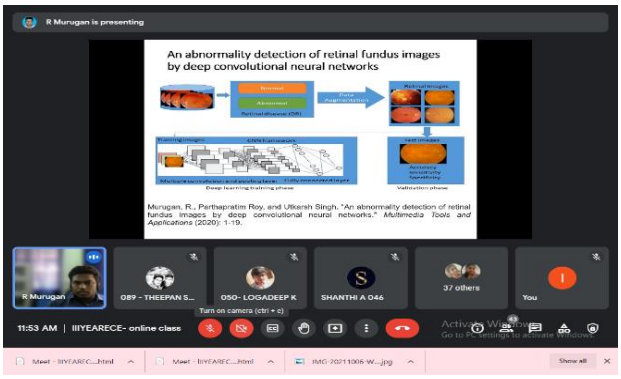


7.5.7.Insight on recent trends and scope in Electronic Application

Department of Electronics and Communication Engineering has organized Webinar on "**Insight on recent trends and scope in Electronic Application**" session was given to the resource person **Dr S.Syed Feroze Hussain**, Research Associate In VIT University, Chennai, conducted through online mode on **01.10.2021.**

7.5.8.Computer Aided Diagnosis of Medical Images using Deep Learning

Webinar on "**Computer Aided Diagnosis of Medical Images using Deep Learning**", session was given to the resource person **Dr. R.Murugan**, Assistant Professor, Department of ECE, National Institute of Technology, Silchar, Assam, conducted Webinar through online mode for all II, III and IV year students on **07.10.2021.**



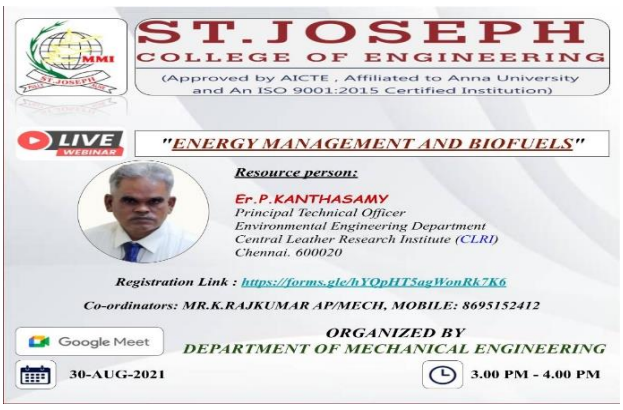
7.5.9.Network Simulator2

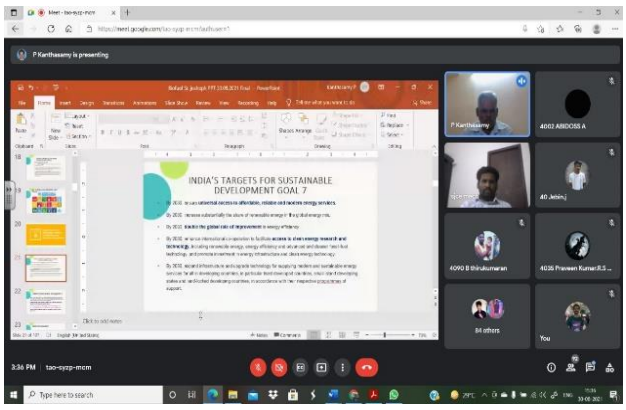
A Webinar on "**Network Simulator2**" by resource person **Dr.B.Ezhilavan**, Founder & CEO , VEI Technologies Pvt Ltd, Chennai, He gave an introduction on Network simulator, network simulation is a technique whereby a software program replicates the behaviour of a real network, Conducted Webinar through online mode for all II, III and IV year students on **23.10.2021.**

7.6.Department of Mechanical Engineering

7.6.1.Energy Management and Biofuels

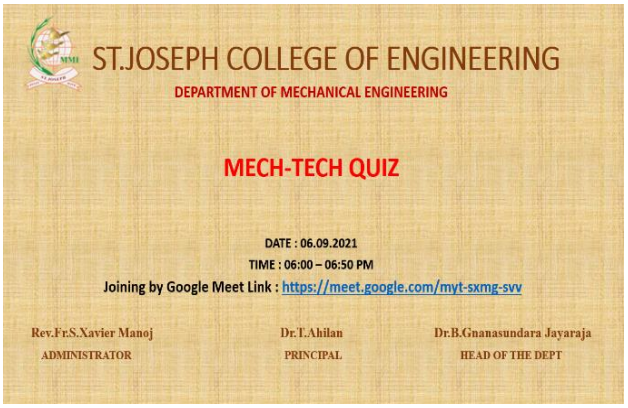
Department of Mechanical Engineering has organized Technical Webinar in **"Energy Management and Biofuels"** on **30.08.2021**, Chief Guest for our webinar is **Mr.P.Kanthasamy**, Principal Technical Officer, Central Leather Research Institute (CLRI),Chennai-20. for the II, III & IV years in online mode through Google meet.

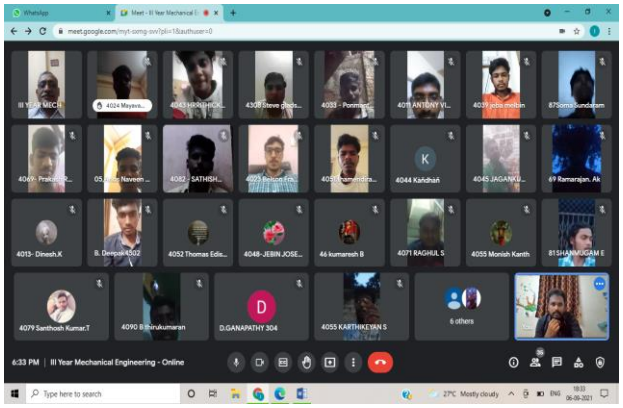




7.6.2.Mech-Tech Quiz

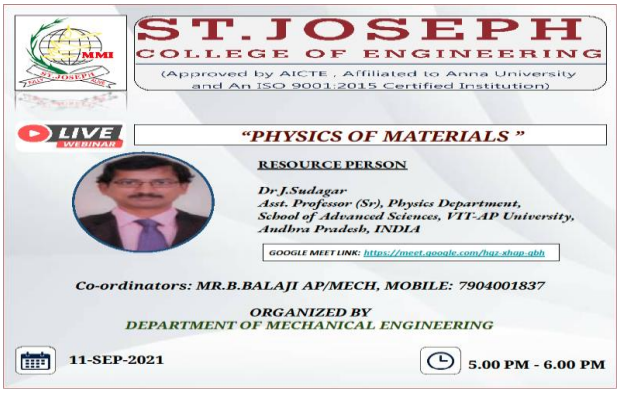
Department of Mechanical Engineering has organized "**Mech-Tech Quiz"** for the students of II & III years on **06.09.2021**, Our Department HOD Dr.B.Gnanasundara Jayaraja spoke about the importance of technical knowledge and recent trends in Mechanical fields. He advised the students to gain the knowledge about the recent trends & innovation in Mechanical Engineering. Also he encouraged the students to participate in various programs to update their knowledge.

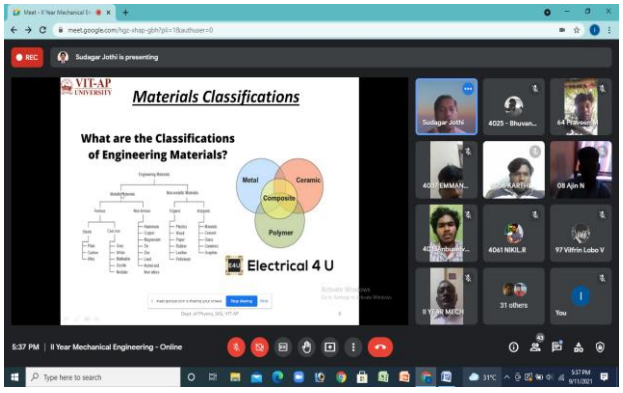




7.6.3.Physics of Materials

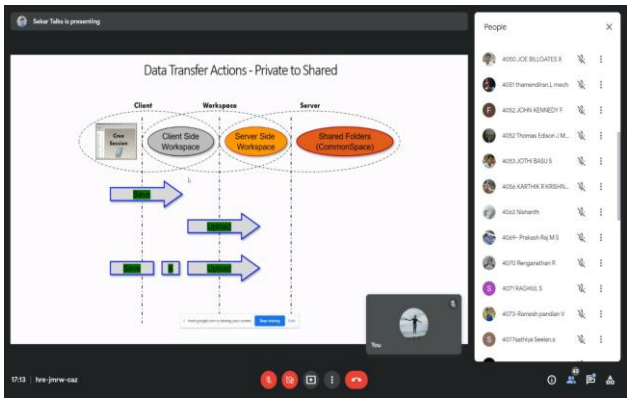
Department of Mechanical Engineering has organized Webinar on **"Physics of Materials"** is conducted successfully on **11.09.2021** for the II, III & IV years in online mode through Google meet, our speaker **Dr.J.Sudagar**, Asst. Professor (Sr), Physics Department, School of Advanced Sciences, VIT – AP University. The main focus of the webinar is to familiarize students with recent trends about Material Physics.





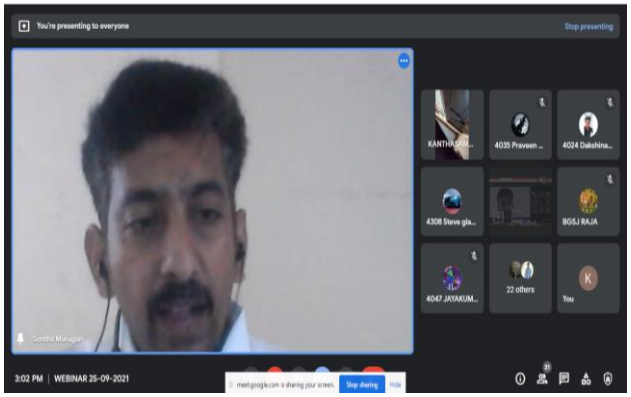
7.6.4.Virtual Workshop

Webinar on "**Virtual Workshop**" was conducted successfully on **18.09.2021** for the II, III & IV years in online mode through Google meet, our speaker **Mr.RajasekarLakshmanan** BE., MBA., Senior Engineer, Research and Development (R&D), Nokia Industries Limited, Bangalore.



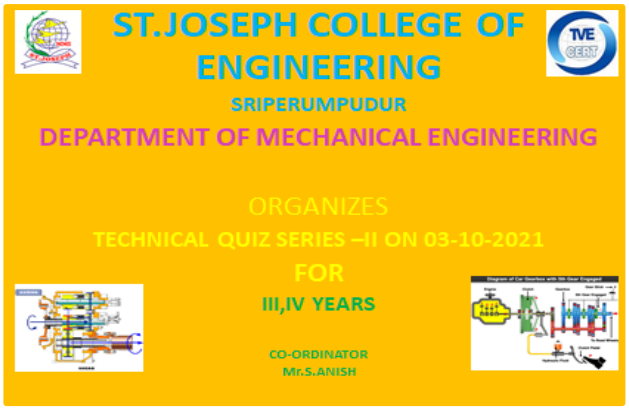
7.6.5.Safety Management System

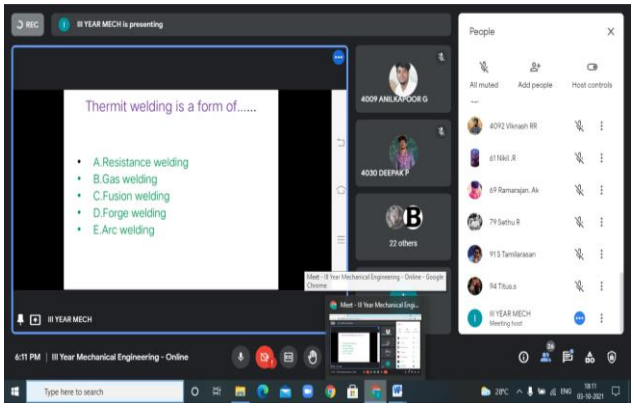
Webinar on "**Safety Management System"** was conducted successfully on **25.09.2021** for the II, III & IV years in online mode through Google meet, our speaker **Mr.T.SenthilMurugan**, Human Resource Manager, NEVIN HITECH MACHINES, Coimbatore.



7.6.6.Technical Quiz Series – II

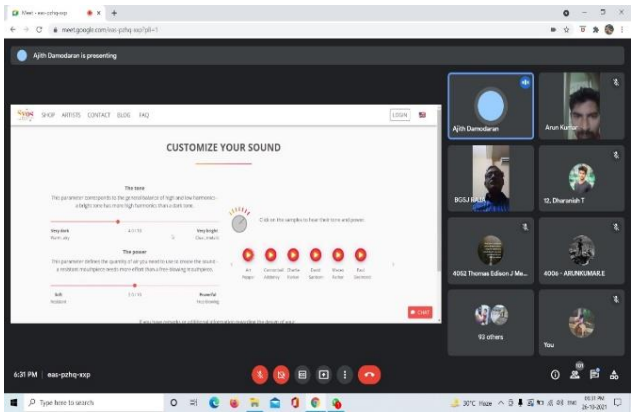
Department of Mechanical Engineering has organized **Technical Quiz Series – II** for the students of II & III years on **03.10.2021**, Our Department HOD **Dr.B.Gnanasundara Jayaraja** spoke about the importance of technical knowledge and recent trends in Mechanical fields. He advised the students to gain the knowledge about the recent trends & innovation in Mechanical Engineering. Also he encouraged the students to participate in various programs to update their knowledge.





7.6.7.Application of 3D Printings in Musical Instruments

Department of Mechanical Engineering has organized Webinar on **"Application of 3D Printings in Musical Instruments"** is conducted successfully on **26.10.2021** from 6:00 pm to 7:00 pm for the II, III & IV years in online mode through Google meet, our speaker **Dr.D.Ajith**, Associate professor, SRM Easwari Engineering college.



7.6.8.Advanced Materials and Micromachining

Department of Mechanical Engineering has organized The National workshop on "**Advanced Materials and Micromachining**" was successfully held in online mode using Google Meet on **11-10-2021** with two sessions (10.00 AM – 11.30 AM & 1.00 PM – 2.30 PM). Our resource Person are **Dr. L. Poovazhagan**, Associate Professor/Mech at SSN College of Engineering in Chennai, & **Dr. U. Elaiyarasan**, Assistant Professor/Automobile at Eswari Engineering College, Chennai.

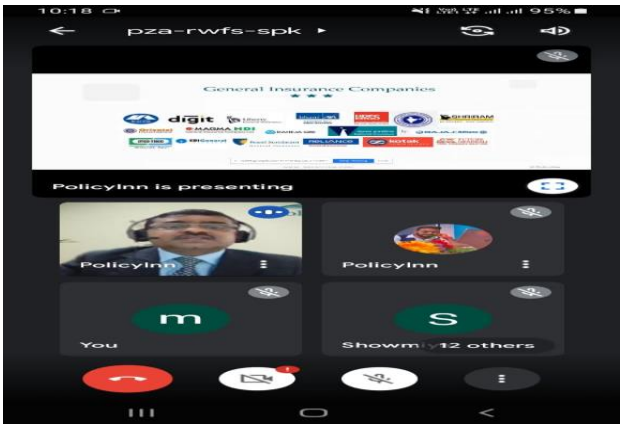
7.7.Master of Bussiness Adminstration(MBA)

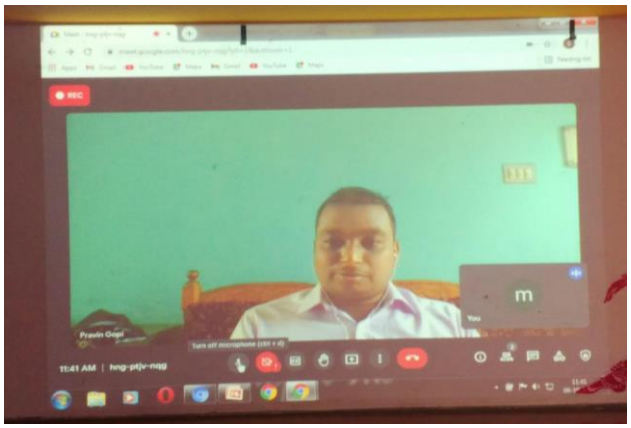
7.7.1. Future of Insurance Industry and Carreer Prospects

The Career Development Program on "**Future of Insurance Industry and Carreer Prospects**" was conducted successfully on **24.09.21** for the MBA 2nd year and Alumni in online mode through Google meet. The main focus of the webinar is to motivate the students with proper career guidance and to give outline about the future view of Insurance industry and its importance in job market. The Resource Person **Mr. Binu Abraham** address the gathering and focused on the following points. Role of Insurance Industry in job Market, Growth of Insurance sector from past 10 years, Future of Insurance Industry and its importance, Career guidance for the students.

7.7.2.Uniqueness of Leadership

Department of Management Studies have successfully completed a Motivation Programme to our Second Year MBA Students on **08.10.2021** (Friday) at 11 am through online mode. During this programme, **Mr.S.Pravingopi**, Assistant Professor, Department of Business Administration, Rajas Engineering College, Vadakkankulam, Tirunelveli has performed as **"Resource Person"** and he taught too much of informative contents on **"Uniqueness of Leadership"** with respect to current business scenario. Students have participated enthusiastically throughout the session.



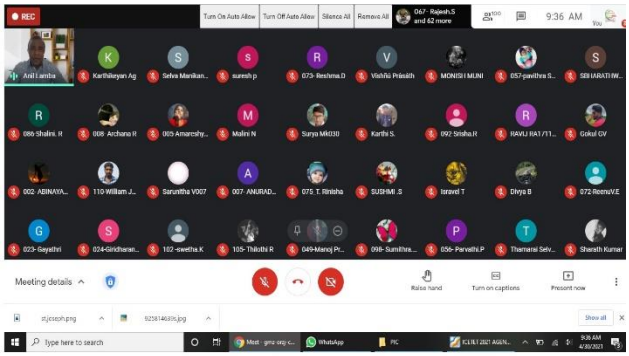


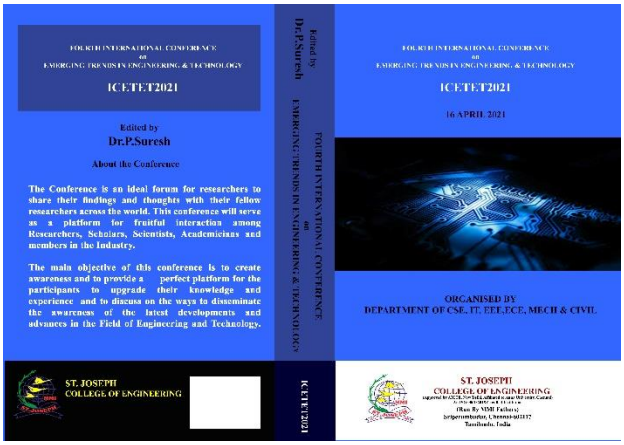
7.7.3.Fostering Staff Development: Empowering Faculty Growth through Training Support

A total of 88 staff members, both teaching and non-teaching, participated in Faculty Development Programs (FDP) and various training initiatives, receiving financial support for conferences and workshops. In the current academic year, 79 faculty members benefited from financial assistance totaling Rs. 57,400/-. This investment demonstrates the institution's commitment to staff development, fostering continuous professional growth. By supporting educational opportunities, the institution enhances teaching quality and contributes to a dynamic academic community. Such initiatives reflect a proactive approach towards talent development, ensuring a proficient workforce aligned with evolving educational standards.

International Conference

On behalf of St.Joseph College Of Engineering, Department of EEE,ECE,CSE,IT,MECH & CIVIL has arranged **4Th** International Conference on "**Emerging Trends in Engineering and Technology (ICETET 2021)** on **30.04.2021** (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.Anil Lamba,** Practice head, New Jersy USA.We received totally **52 papers**. After scrutiny from our review committee members **31 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.





Memorandum of Understanding

9.1. SJCE and VEI Technologies

With the blessings of the GOD Almighty & our Founder Rev.Fr.Dr.J.E.ArulRaj, A MoU was signed between **SJCE & VEI Technologies** on **22.09.2021**. A welcome note was addressed by our beloved Principal Dr.T.Ahilan, and in his speech he briefed how a MoU helps in reinforcing the industrial institutional connection and highlighted about the departments. Felicitation address was given by our Administrator Rev.Fr.S.Xavier Manoj. He requested both the parties to involve in more collaborative research work, which paved the way for a greater synergy between the two entities. This MoU signing ceremony was a cherishable moment for SJCE as it had signed for CSE, IT & ECE departments.

9.2. SJCE and GITS Pvt Ltd

With the blessings of the GOD Almighty & our Founder Rev.Fr.Dr.J.E.ArulRaj, A MoU was signed between **SJCE Department of EEE signed MoU with GITS Pvt Ltd**, Chennai, on **30.09.21**. The objective of this MOU to promote more effective use of each of their resources, and provide each of them with enhanced opportunities. They will cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.

9.3. SJCE and Designing With Me Solutions

This comes true about Department of Computer Science and Engineering by again signing Memorandum of Understanding with "**Designing With Me Solutions**" CHENNAI ON **01.10.2021** and hence to promote efficient use of resources in the field of Education, research and training.

9.4. SJCE and Pyroferus Technologies

Successfully signed another Memorandum of understanding & Centre of Excellence on **08.10.2021** with "**Pyroferus Technologies"**, Chennai – 600 083 to promote training and educate in software testing.

College Events

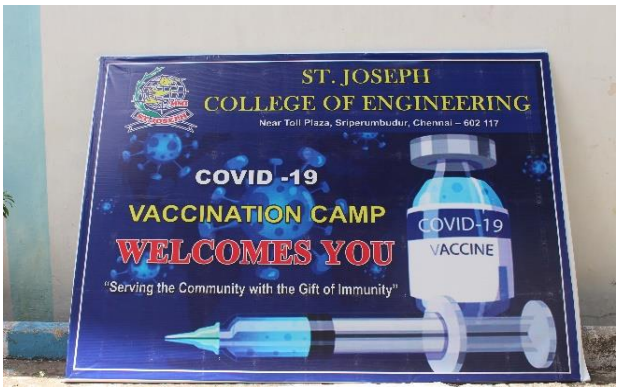
10.1.New Staircase – Ceremony

With the blessings of the GOD Almighty & our Founder Rev.Fr.Dr.J.E.ArulRaj , in the presence of our Administrator Rev.Fr.S.Xavier Manoj & Rev.Fr.Visvasa Alexander and our beloved principal Dr.T.Ahilan were layed foundation – bhoomi poojai for **"New Staircase"** ,which is to connect **St.Thomas Block & St.John's Block**.The students & staff can use this staircase for their ease of operation from one block to other, it also satisfies the Fire & Safety department & AICTE norms for the Institution.

10.2.Vaccination Camp

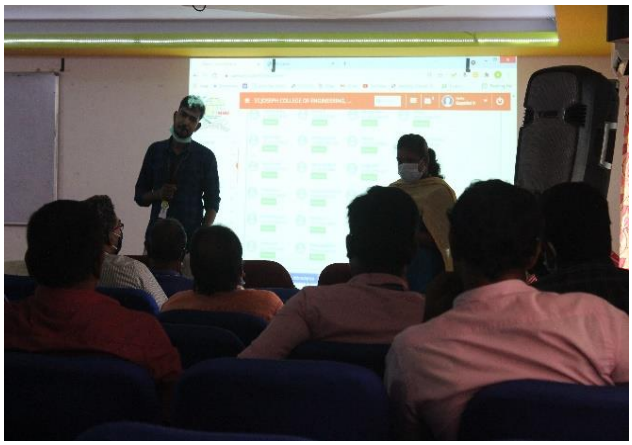
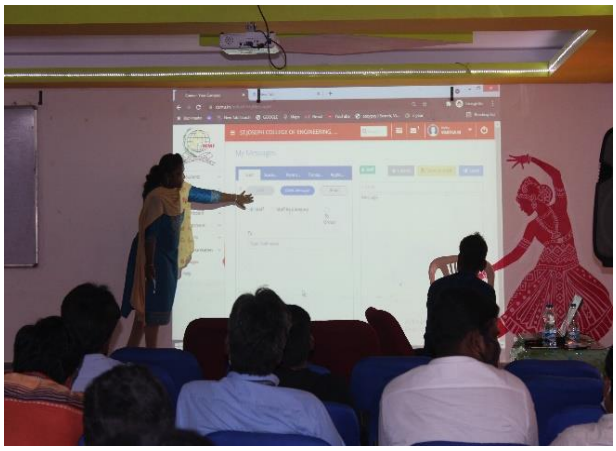
With the blessings of the GOD Almighty & our Founder Rev.Fr.Dr.J.E.ArulRaj, in the presence of our Administrator Rev.Fr.S.Xavier Manoj & our beloved principal

Dr.T.Ahilan, we conducted a "**COVID-19 vaccination drive"** in our campus on **09.09.2021**.The students & staff used this camp in an effective way, nearly 50+ members have vaccinated through this camp.



10.3.ERP-Faculty Orientation Program

"ERP Staff Orientation Training Program" was conducted successfully on **24.09.2021** from 10:00 am to 03:00 Pm for the all teaching staff in Seminar Hall-I. The meeting was started with prayer song and welcome address was given by Ms.Komalavalli, AP/Civil. She welcomed our trainer Mr.Anand and Mrs.Kaviya, Octoze Private Ltd ,Chennai. The main focus of the Training is to familiarize Teaching Staff with Camu ERP-Portal. Training has been provided on the modules follow: Enterprise, Students, Staff, Academic Plan, Assignments, Communication, Virtual classes.

10.4.Tree Plantation

Our Institution is also concerned more about the nature too, We frequently make awareness to the students of SJCE, People needs to be educated about the importance of trees and that every individual should play his/her role to protect the existing trees and also plant more. Frequent awareness campaigns need to be run all over the world to aware people. Slogans on tree plantation can motivate the people to plant more trees**. "Plant a tree. It's free, Planting a tree does not cost you money"**.

10.5.Administration Office – Inauguration

With the blessings of the GOD Almighty & our Founder Rev.Fr.Dr.J.E.ArulRaj, in the presence of our Rev.Fr.S.Xavier Manoj & our principal Dr.T.Ahilan, we inaugurated the **Administration office** in our campus on **11.10.2021**.This Administration office will be useful to both the students & staff as well as for the management to carry out all the convenient way of access to all in all possible ways.

10.6.First Year – Inauguration Function

With the blessings of the GOD Almighty & our Founder Rev.Fr.Dr.J.E.ArulRaj, The **"Inaugural function for the first year B.E / B.Tech / classes"** was held on **29.10.2021** on the college premises.

The function started with a Prayer song. Rev.Fr.S.Xavier Manoj, Administrator & Dr.T.Ahilan, Principal lighted the Kuthuvilakku. Principal in his presidential address, he pointed out that SJCE is the guiding torch to the youth folk and said that the five wicks of Kuthuvilakku, stand for students, faculty, parent's co-operation, society and management. He insisted that the parents must be very supportive for the betterment of their children and students must know their responsibilities. He told that SJCE is the place for learning. Be proud for good start right now set right to achieve your destination. He advised that students must develop good attitude, know their values of life and understand that the failures are the stepping stones of success. Getting inspiration from others is not at all a matter but inspiring others show one's caliber.The Inaugural session ended with formal National anthem as a token of respect towards nation. The whole programme was carried out by Student Activities with much planning and execution. All the Heads of the Departments, faculty and staff participated and made it a grand success.

ST.JOSEPH COLLEGE OF ENGINEERING
FIRST YEAR
INAUGURATION
DAY

NEERING
ST.JOSEPH

ST.JOSEPH
COLLEGE OF ENGINEERING
WELCOMES YOU
SRIPERUMBUDUR, CHENNAI - 602107

10.7.Ayudha Pooja Function

"Ayudha Pooja Celebration" held at SJCE on **13.10.2021**, this festival which ignite the lamp of knowledge, spread literacy and wisdom promote the skill development and innovation and bring all round progress and prosperity.

On this special day, the doorway and all the Laboratories and Office were beautified with plantain trees, mango leaves and glazing papers, marigolds and turmeric paste, and hosted a sign welcoming everyone. At 10:00 am, the ceremony started off with prayers and singing from various members.The pooja was done and the prasadam was distributed at the end to all present. The active participation of members of the Management & Dr.T.Ahilan, Principal, HOD's & staff members, and the efforts students made the event a grand success.

10.8.Anna University Zonal Kabbadi Tournment

"Anna University Kabbadi tournment" held at SJCE on **23.03.2021**. Our College won the 7th Time winner in Anna university Zonal level Kabbadi tournment.

10.9.Assembly Meet

The Department wise "**Assembly Meet"** was conducted on **Every Monday**. The assembly started with prayer song, followed by Bible reading, Thought for the day was delivered, followed by a speech on Thirukkural, A Motivational Speech was given based on inspiring and hard working. Aptitude improvement programs, Future Scope for Engineering even after Covid-19 like this topic were conducted for all years on every Monday from 9:00 am to 10:00 am to make students future ready.

10.10. Governing Council Meeting

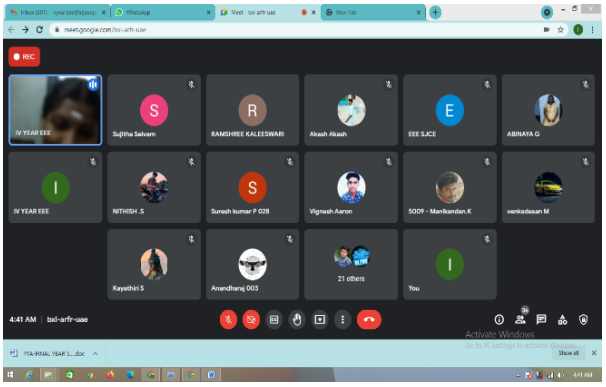
The First **"Governing Council Meeting"** was conducted successfully on **06.03.2021** from 10:00 am to 12:00 Pm for the all Commitee members in Conference Hall.

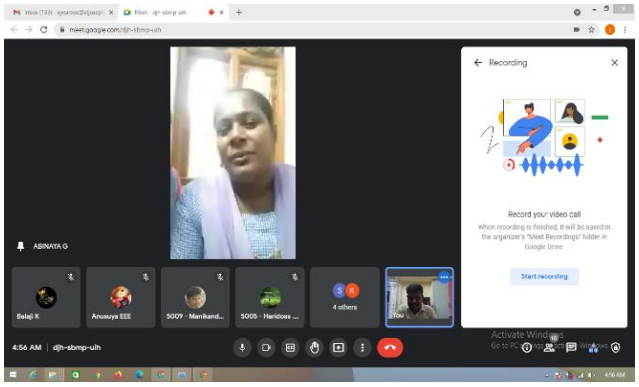
11.Parents Meet

The main purpose of meet was to create a common platform, where teacher and parents communicate together to enrich the student's educational experiences and discuss variety of issues, regarding all round development of students.The class coordinator explained about the scope of the subjects in the present semester and also discussed about the steps to be followed in online & offline classes.

11.1. First Parents meet

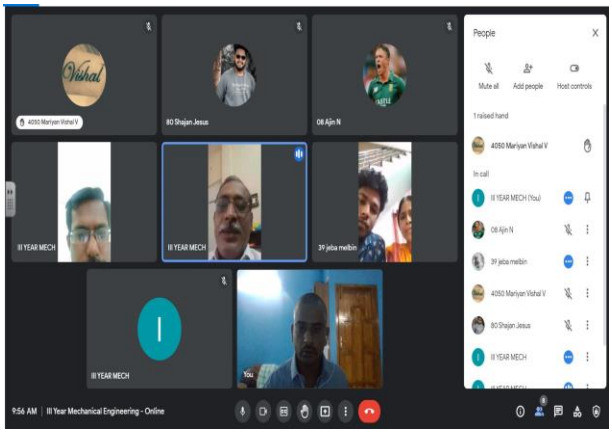
The first Parents-Teachers meeting for the Academic year 2021-22 is conducted successfully by all the department on **14.08.2021** for the II, III & IV years in online mode through Google meet.

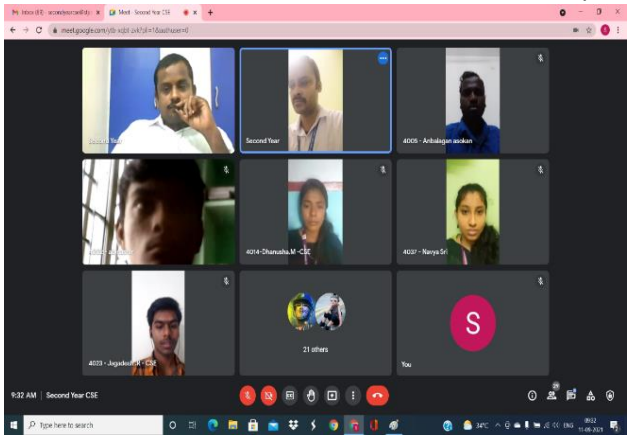




11.2. Second Parents meet

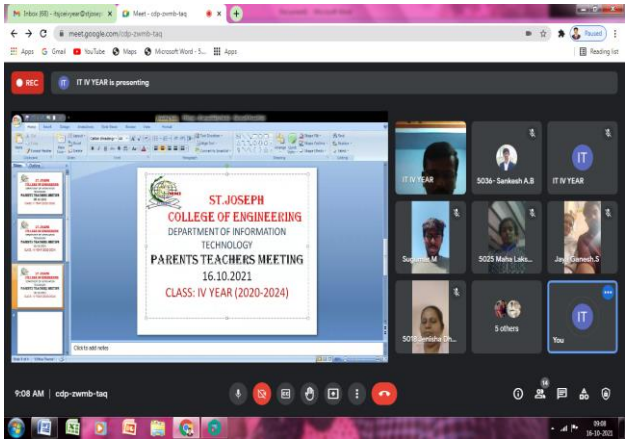
The Second Parents-Teachers meeting for the Academic year 2021-22 is conducted successfully by all the department on **11.09.2021** for the II, III & IV years in online mode through Google meet.





11.3. Third Parents meet

The Third Parents-Teachers meeting for the Academic year 2021-22 is conducted successfully by all the department on **16.10.2021** for the II, III & IV years in online mode through Google meet.



12.Placement

I cordially invite Campus Recruitment organisations to join us in achieving our common objective of excellence. For students to succeed in the professional world, St. Joseph College of Engineering always provides a proactive learning strategy and a defined academic plan of action. Students have the option to learn on their own, attend conferences, seminars, industry tours, and in-plant trainings. The resources that St. Joseph College of Engineering provides to students for in-house project development are the college's strength.

12.1.Placement Training

Our college was conducted the placement training for I,II,III & IV Year Students for the academic year 2021-2022.

Name of the training	Participants	Date & time
Company Specified Training	All IV year B.E/ B.Tech & MBA	**25th Oct to 29th Oct 2021** (5 days, 8 am to 2.50 pm)
Aptitude Training & Soft Skill (Level -2)	All III Year B.E/ B.Tech, students	**25th Oct to 29th Oct 2021** (5 days, 8 am to 2.50 pm)
Aptitude Training & Soft Skill (Level -1)	All II Year B.E/ B.Tech, students	Upcoming dates
School to College program	All I Year B.E/ B.Tech, & MBA students	Upcoming dates

12.2.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	08.12.2020	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	APTIV	12. 12. 2020	1.80 LPA	5	Virtual
5	DSC DaeChang Seat Co., LTD.	12. 12. 2020	1.80 LPA	3	Virtual
6	FLEXTRONICS 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	SANMINA	12. 12. 2020	1.80 LPA	16	Virtual
10	WIPRO Wipro Infrastructure Engineering	12. 12. 2020	2.18 LPA	2	Virtual
11	Blue Danio Softech Solutions	19 & 20.01.2021	2.16 LPA	10	Virtual
12	OMNEX	21.01.2021	3 LPA	03	Virtual
No. of Students got Offer letter during the Academic Year 2020-21				**132**	

12.3.No. of Company Visited and Students Placed yet during 2021-2022 Academic year

Sl. No	Company Name	Salary	No of Offers
1	TCS | TATA CONSULTANCY SERVICES	3 LPA	**02**
2	softcrylic	3.5LPA	**01**
3	AVASOFT SHAPING NEXT GEN	3.5 LPA	**02**

Thanks

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

– Kofi Annan