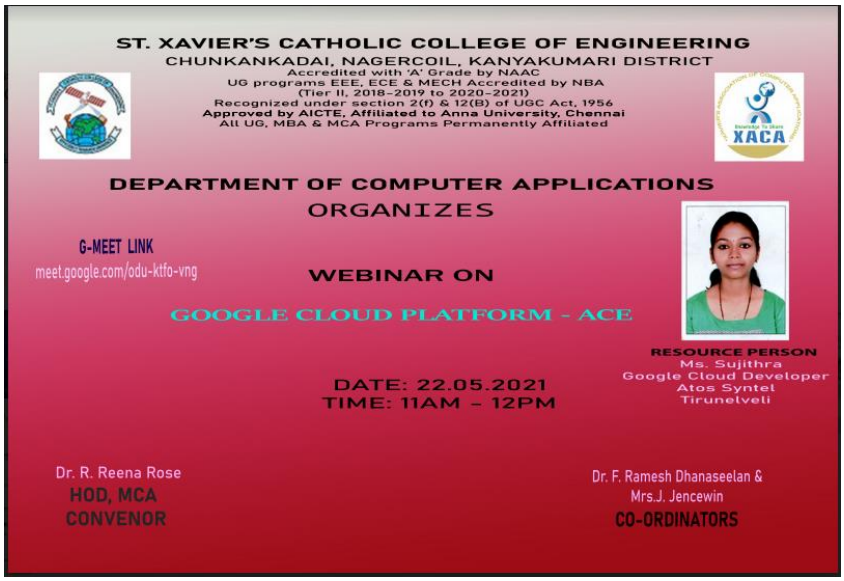
St. Xavier's Catholic College of Engineering
2020-2021
Capacity Building and Skills Enhancement Initiatives taken by the Institution

Webinar on Recent Advances in Solar Energy

The Webinar was organized by the Institute of Engineers on May 31, 2021 through Google meet. About 25 students were present in the webinar. The Resource person of webinar was Dr. K. Sudhakar, Senior Lecturer and Research Fellow in University of Malaysia, Pahang. In this webinar, the students gained knowledge on the recent technologies developed for increasing solar efficiency through solar panels and solar collectors.

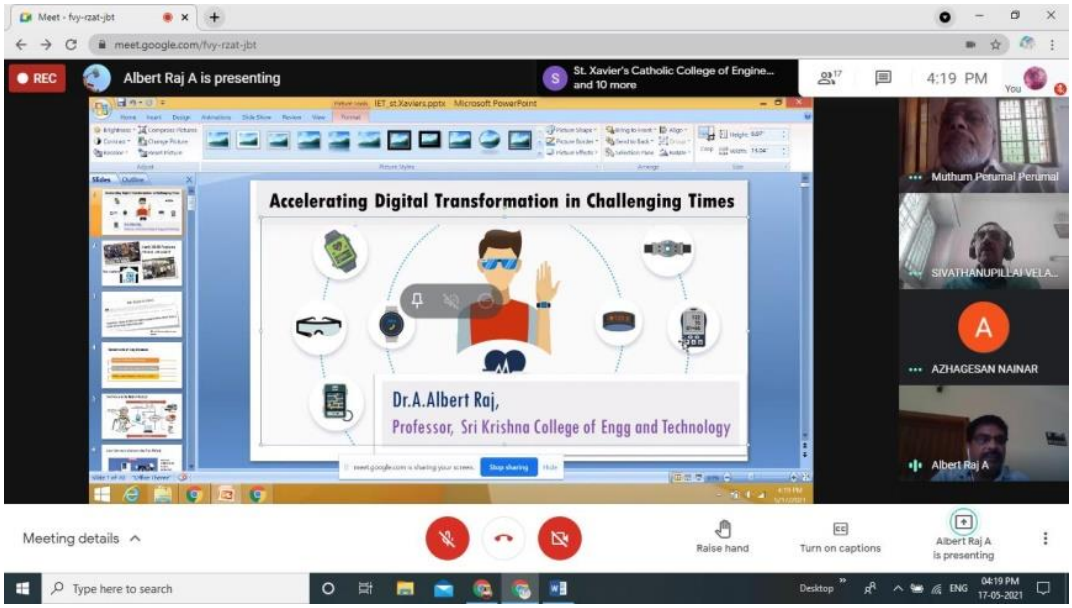
Google Cloud Platform - ACE

The department of Computer Application organized a one day webinar on 'Google Cloud Platform-ACE' on 22.05.2021 at 2.00 p.m., 40 students participated in the webinar. The Resource person of webinar was Ms. Sujithra, Google Cloud Developer, Atos Syntel, Tirunelveli. The students gained knowledge on the concepts of developing and designing the google cloud tools.



Webinar on Accelerating Digital Transformation

The Webinar was organized by the Institute of Engineers on May 17, 2021 through Google meet. About 35 students were present in the webinar. The Resource person of webinar was Dr. A. Albert Raj, Dean and Professor of Sri Krishna College of Engineering and Technology. In this webinar, the students gained knowledge on the transformation happened in medical field and the technological improvement in medical field.



Angular from Scratch

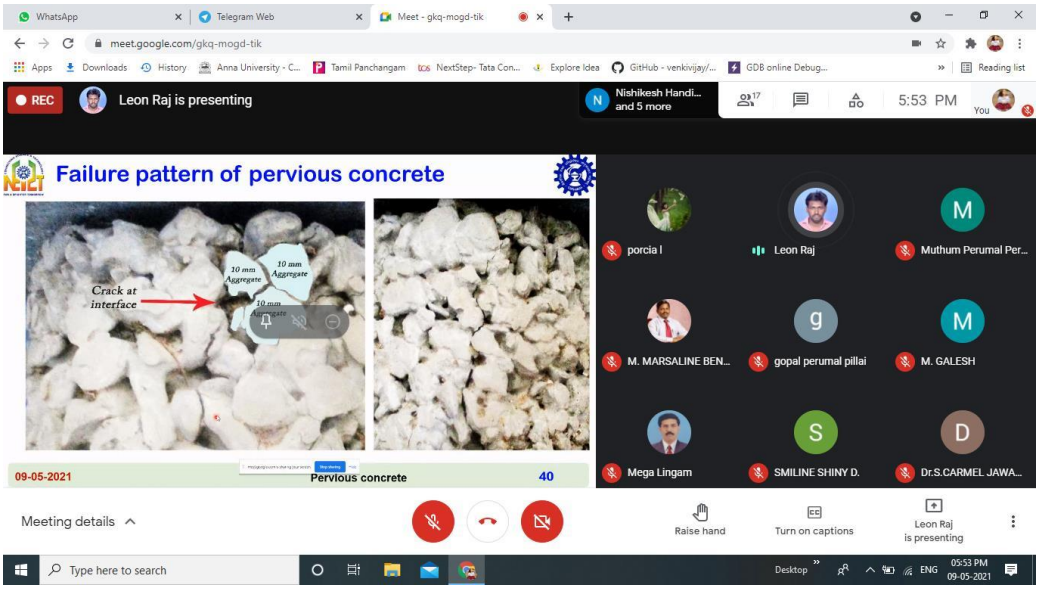
The seminar was organized by the Computer Society of India on May 15, 2021 through Google meet. The Resource person of the seminar was Mr. S. Jabin Shalom, Project Engineer, Wipro, Chennai. He explained the clear purpose to make a better experience for users when navigating through the platform. From this seminar, the students gained knowledge on Angular and its purpose. 33 students participated in the program.

Open-Source Technology & Career Opportunities

The seminar was conducted on 14/05/2021. 89 students participated in the program. Mr. Gulshan Prasad started the seminar by explaining the core concepts of open-source software along with a few examples. He then stressed the significance of open-source software powering the internet. He gave a brief introduction about Red Hat and its importance in the IT industry. By the end of this webinar, students got idea about open-source software, and Red Hat certification paths.

Webinar on Alternative Construction Materials

A webinar on "Alternative Construction Materials" was organised by the Institution of Engineers (India) on 09.05.2021 through Google Meet. The webinar focused on substitute materials for conventional materials and modern materials used in construction. The resource person of the webinar was Dr. J. Leon Raj, Scientist, CSIR-North East Institute of Science & Technology, Jorhat – Assam. About 27 students participated in the webinar.



Satellite Image Processing Concepts

The department of Computer Application organized a One day webinar on 'Satellite Image Processing Concept' on 27.04.2021. 38 students participated in the webinar. The Resource person of webinar was Dr. S. Jenicka, Associate Professor, Sethu Institute of Technology, Pulloor. The main objective of this webinar was to enhance the students Image processing skills using MATLAB. The students gained knowledge on setting up and installing MATLAB, Satellite image processing concept and connection.

Student Induction Program on Importance of Maths

A five days online Student Induction Program (SIP) on "Importance of Mathematics in Engineering" was organized from 26-04-2021 to 30-04-2021, by Science and Humanities Association of Xavier's(SHAX). The resource persons were:

Day 1 : Dr.J.Baskar Babujee, Associate Professor of Mathematics Anna University, MIT Campus, Chennai on 'Engineering Applications for Vector and Matrices'.

Day 2 : Dr.Raju K. George, Dean (R&D), Dean (Students Welfare), Professor of Mathematics, Indian Institute of Space Science and Technology, Trivandrum on 'Mathematical Modeling using Differential Equations and Solutions of Laplace Transform'.

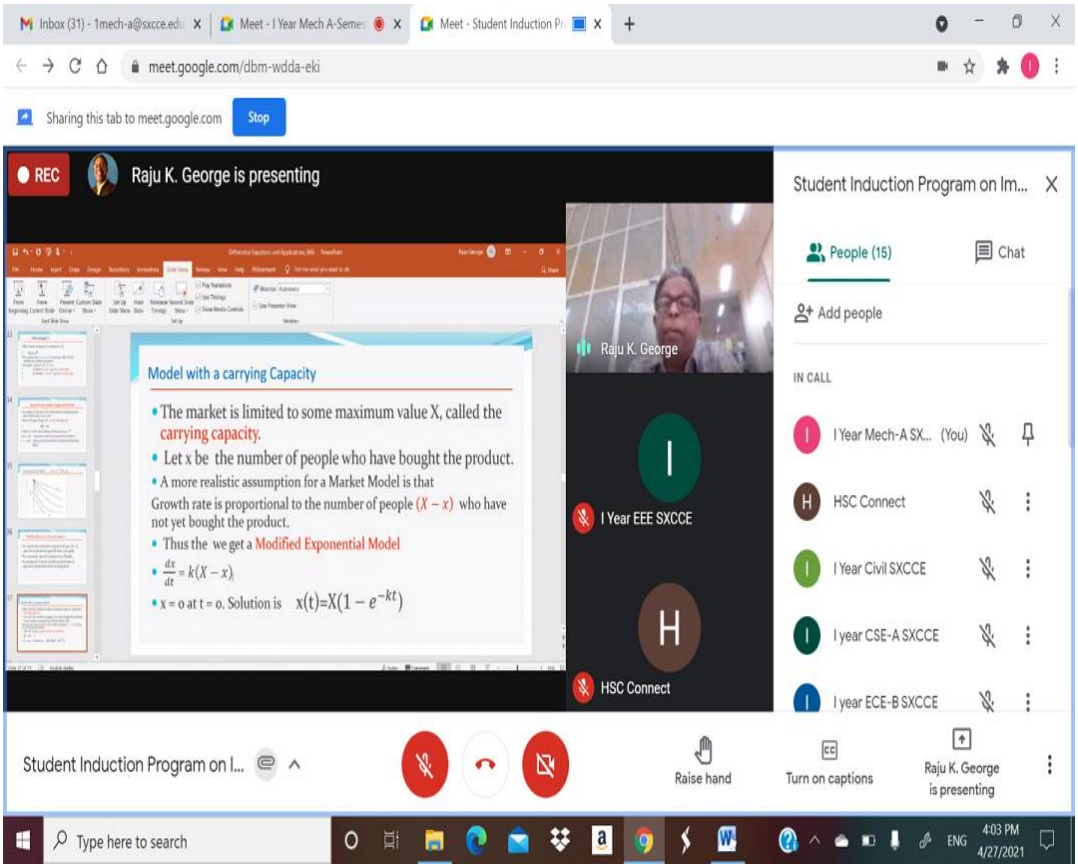
Day 3 : Dr. J .John, Associate Professor of Mathematics, Government College of Engineering, Tirunelveli on 'Application of Matrices and Vector in real life'.

Day 4 : Dr.V.Vijimon Moni, Assistant Professor of Mathematics, St. Xavier's Catholic College of Engineering, Chunkankadai on 'Application of Complex number in Engineering'.

Day 5 : Dr.L.Mary Florida, Associate Professor of Mathematics, St. Xavier's Catholic College of Engineering, Chunkankadai on 'Application of Mathematics in Engineering field'.

The speakers explained the applications of mathematics in engineering in simple and understandable way. Nearly 244 students and 20 staff members attended the induction program.

St.XAVIER'S
CATHOLIC COLLEGE OF ENGINEERING
CHUNKANKADAI, NAGERCOIL, KANYAKUMARI
26-30 APRIL 2021
3 pm to 4 pm
Department of Humanities & Science and Department of Mathematics
STUDENT INDUCTION PROGRAM
ON
IMPORTANCE OF MATHEMATICS IN ENGINEERING
RESOURCE PERSONS
1. Engineering Applications for Vector and Matrices
Dr. J. BASKAR BABUJEE,
2. Mathematical Modeling using Differential Equations and Solutions of Laplace Transform
Dr. RAJU K. GEORGE,
3. Application of Matrices and Vector in real life
Dr. J. JOHN,
4. Application of Complex number in Engineering
Dr. V. VIJIMON MONI,
5. Application of Mathematics in Engineering fields
Dr. L. MARY FLORIDA,


Inbox (31) - 1mech-a@sxcce.edu
Meet - I Year Mech A-Semes
Meet - Student Induction Pr
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Stop
REC
Raju K. George is presenting
Model with a carrying Capacity
• The market is limited to some maximum value X, called the carrying capacity.
• Let x be the number of people who have bought the product.
• A more realistic assumption for a Market Model is that
Growth rate is proportional to the number of people (X − x) who have not yet bought the product.
• Thus the we get a Modified Exponential Model
• dx/dt = k(X − x)
• x = 0 at t = 0. Solution is x(t)=X(1 − e^−kt)
Raju K. George
I Year EEE SXCCE
HSC Connect
Student Induction Program on Im...
People (15)
Chat
Add people
IN CALL
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HSC Connect
I Year Civil SXCCE
I year CSE-A SXCCE
I year ECE-B SXCCE
Student Induction Program on I...
Raise hand
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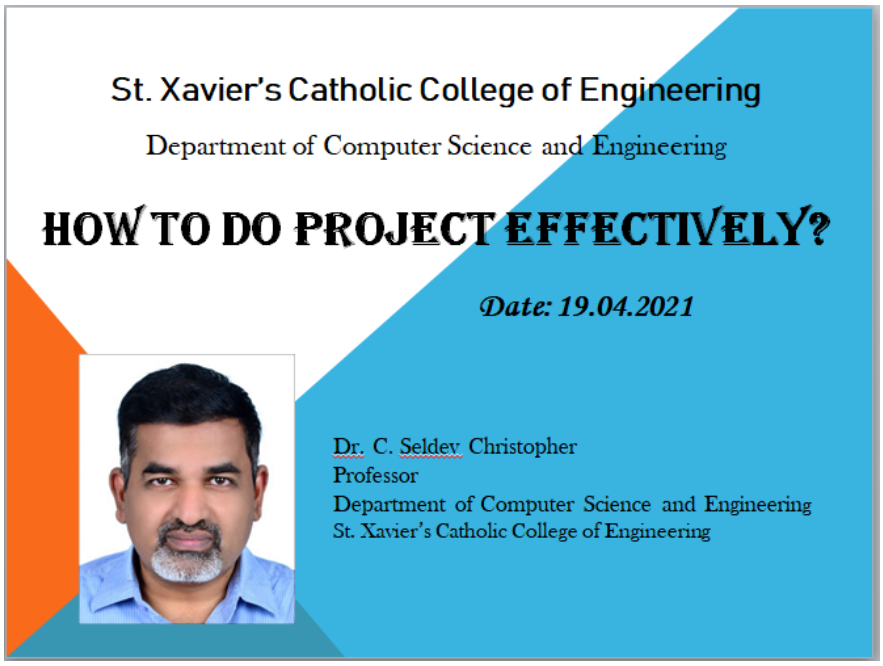
Raju K. George is presenting
Type here to search
ENG
4:03 PM
4/27/2021

How to do Project Effectively

The department of Computer Science and Engineering organized a project orientation program on 'How to do project effectively' on 19-04-2021. 54 students participated in the program. Dr. C. Seldev Christopher, Professor, Department of CSE, SXCCE, started the session by explaining the formal definitions of project and steps involved in a project. He gave an overview of various domains that students can base their projects on. He explained the process of literature review in detail.

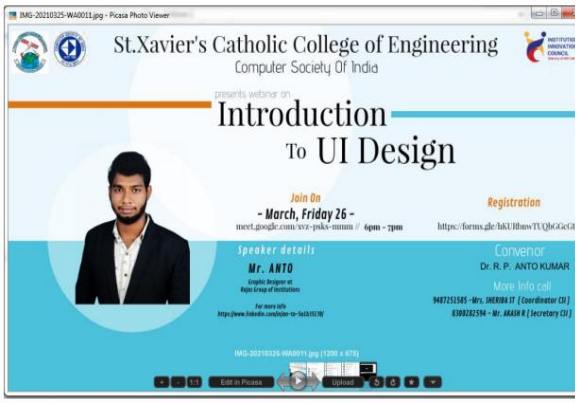


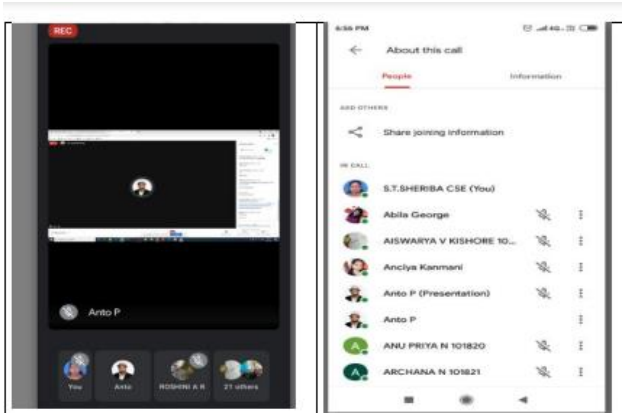
Energy Efficient Technologies for Sustainability

The department of Mechanical Engineering organised a webinar on 'Energy Efficient Technologies for Sustainability' on 15/04/2021 through google meet. 83 students participated in the program. The resource person was Dr. Joao Miguel Nobrega.

Introduction to UI Design

The department of Computer Science and Engineering in association with Computer Society of India organized seminar on 'Introduction to UI Design' on 26-03-2021. 25 students participated in the program. The resource person was Mr. P. Anto, Graphic Designer. He explained the build interfaces in software or computerized devices, focusing on looks or style.



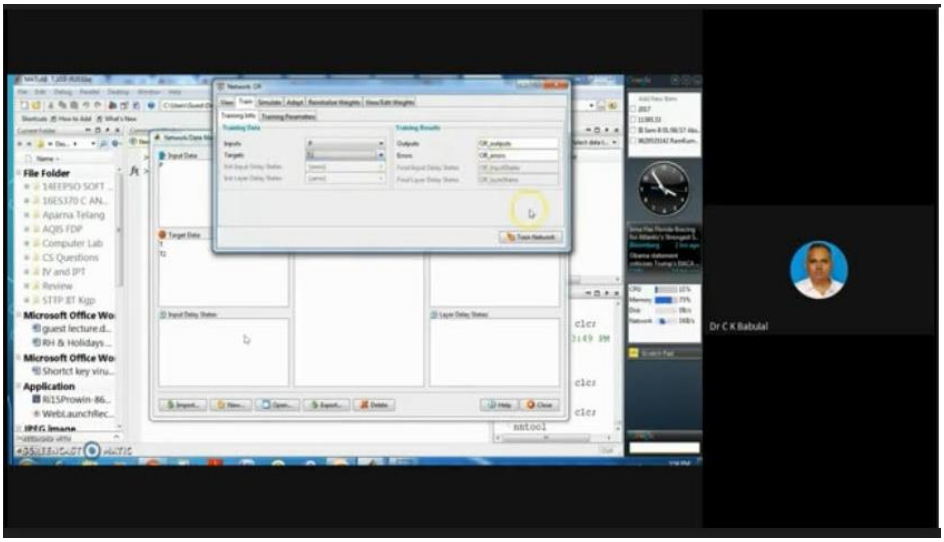


Seminar on Converter Switching Topologies

The Society of Electrical Engineers (SEE) organised a seminar on 'Converting Switching Topologies' for the final year EEE students on 22/03/2021. The resource person was A. George Ansfer, AP/EEE, St. Xavier's Catholic College of Engineering. 6 students participated in the seminar. A quiz on the seminar topic was conducted and prizes were given to the students who score above 75% in the quiz.

Webinar on Artificial Neural Network

The Society of Electrical Engineers (SEE) organised a webinar on 'Artificial Neural network' for the PG students of EEE department on 22/03/2021. The resource person was Dr. C. K. Babulal, Professor, Thiagarajar College of Engineering, Madurai. 7 students participated in the webinar.



Piping Design Engineering & Stress analysis

A seminar on Piping Design Engineering and Stress Analysis was given to final year Mechanical Engineering Students by Er. Sherin. S, Origin Power and Engineering, Cochin on 19/03/2021. The main purpose and objective of piping stress analysis is to ensure structural integrity and to maintain system operability. The seminar contained the Piping Design Concept and Stress Analysis on various materials. At the end of the Seminar, he also explained various job opportunities available on Piping Industry. About 88 students participated in it.

Demystifying Blockchain

A seminar on ‘Demystifying Blockchain’ was organized by the Deparment of Computer Science and Engineering in association with Association of Computer Engineers on 18/03/2021. 50 students were present in this event. The resource person was Dr. Sonali D. Patil, Professor and Head, IT Department, Pimpri Chinchwad College of Engineering, Pune. She explained the basic concepts of blockchain, how it works and how it compares with centralized networks. In her closing remarks, she emphasized the infancy of blockchain technology and how it provides lot of opportunities for critical thinkers and young minds.

Seminar on Wind Energy Technologies

The Society of Electrical Engineers (SEE) organised a webinar on 'Wind Energy Technologies' for the students of EEE department on 12/03/2021. The resource person was A. George Ansfer, AP/EEE, St. Xavier's Catholic College of Engineering. 30 students participated in the seminar. A quiz on the seminar topic was conducted and prizes were given to the students who score above 75% in the quiz.

Seminar on Structural Design

A seminar on "Structural Design" was organised by the REACH Association, Department of Civil Engineering on 12-03-2021 for the final year students. The event was conducted by Mr. S.U. Sriram, Structural Designer, Designs Construct, Nagercoil. The seminar gave a basic idea about structural design practice. The resource person handled the session interestingly loaded with information. 60 students participated in the seminar.

How to do projects using Python programming language

A special program on 'How to do projects using Python Programming language' was conducted by the department of Information Technology on 10/03/2021 by Mr. P. Siva Rama Krishnan, HITECH Solutions, Nagercoil for III year and IV year students. 37 students were benefitted.

Workshop on eSim

The society of Elecrical Engineers (SEE) organized a workshop on ‘eSim’ for the second year students of EEE department on 04/03/2021. The resource person was V. Jesus Bobin, AP/EEE, St. Xavier’s Catholic College of Engineering. A quiz on the workshop topic was conducted and prizes were given to students who scored above 75% in the quiz. 27 students participated in the workshop.

Workshop on eSim

Society of Electrical Engineers (SEE) organized a one day workshop on eSim for the students of III year EEE department of our college on 24/02/2021. 26 students attended the session. Prof. J. Leon Bosco Raj, AP/EEE handled the entire sessions. A quiz on the workshop topic was conducted and prizes were given to the students who scored above 75% in the quiz.

Laravel Framework

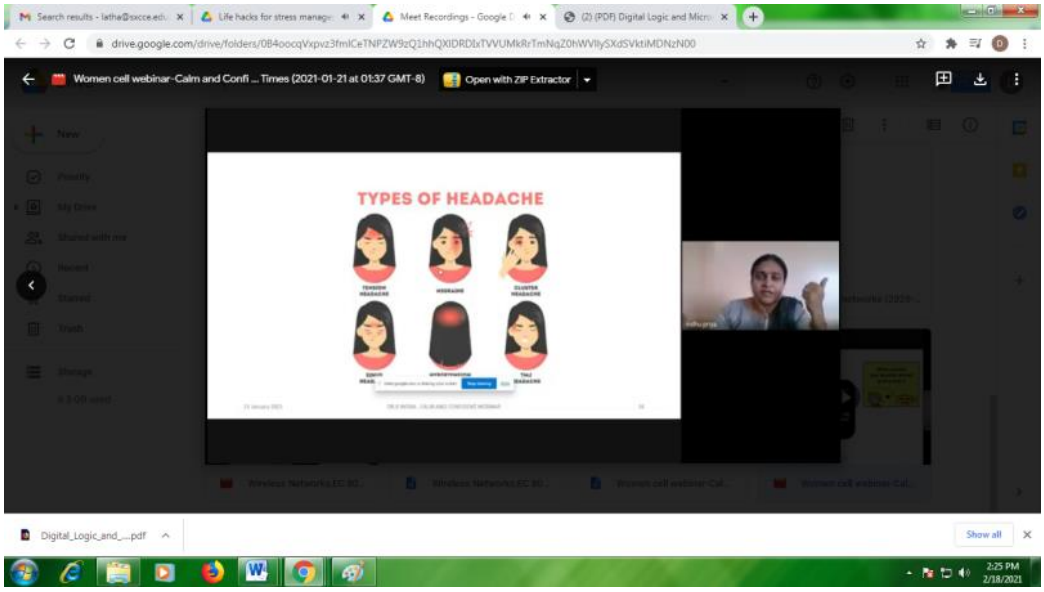
The department of Computer Application organized a One day webinar on 'Laravel Framework' on 22.02.2021. 35 students of participated in the webinar. The Resource person of webinar was Dr. S. Venkadasalam, CEO, Cloverworld Technologies. The main objective of this webinar was to enhance the students' web application development skills using Laravel.

Two Day Motivational Program on Industrial Motivation Campaign

Two day Motivational program for budding entrepreneurs "Industrial Motivation Campaign" (IMC) was organized by Entrepreneurship development Cell of St. Xavier's Catholic College of Engineering in association with Ministry of Micro Small & Medium Enterprises from 19/02/2021 to 20/02/2021. 82 students participated in the program. On the First day of the programme, Shri. Nagappa Pillai, Retired Manager Loan processing unit, SBI, Nagercoil, Shri. Gobalan, President of MSME Kanyakumari district (KADIMSIA) emphasized on importance of innovation in student life and highlighted current scenario of MSME Development at state and national level with government policy and support. On the second day of the programme, Mr. Shyam Gobal, Managing Director, Vibrant Business Solutions, Nagercoil. Mr. Varatha Ganesh, Assistant Engineer, District Industry Centre, Nagercoil. Shri. John Bright, Assistant Director, Tamil Nadu Industries & Investment corporations (TIIC) were resource persons and discussed the importance of innovation and entrepreneurship with the students.

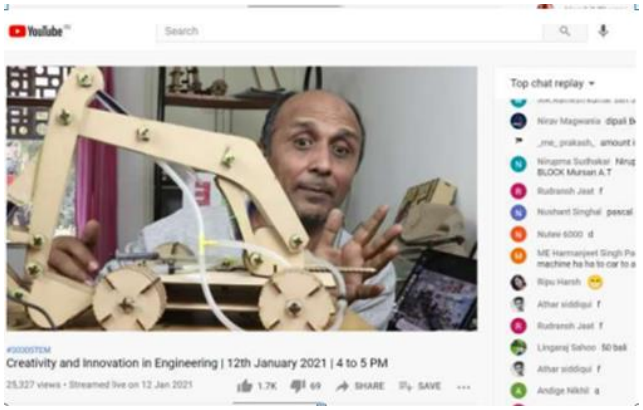
Webinar on Calm and Confident: Managing Tough Time

The Women's cell of SXCCE organized a webinar on 'Caml and Confident: Managing tough times' on 21/01/2021. The resource person was Dr. Indra Priyadharsini, Vinayaka Mission's Dental College, Salem. 71 students participated in this webinar.



Creative and Innovations in Engineering

The Science and Humanities Association of Xavier's organized the programme arranged by IIT Gandhinagar in association with AICTE on 12/01/2021 at 4.00 p.m. The resource person was Prof. Manish Jain, Associate Teaching Professor and Principal coordinator of Center for Creative Learning. The main objective of the programme is to motivate the students to develop their creative and innovation skills. The speaker motivated the students to improve their creative and innovation skills through experiments. 133 students attended the programme.



Programming Fundamentals using Python

A five day placement training program on ‘Programming Fundamentals using Python’ was organized for third year CSE and IT students from 8/01/2021 to 19/01/2021. The resource person for the training program was from Infosys – Campus Connect.

Fresher Induction Program 2020

A virtual “Freshers’ Induction Program 2020” was organised by Science and Humanities Association of Xavier’s in association with ICT Academy on 18-12-2020 at 10.00am. The Keynote Speakers are Shri. M. Sivakumar, Chief Executive Officer, ICT Academy, Shri. Rajan Sethuraman, Chief Executive Officer, Latentview Analytics, Shri. S. Karaiadiselvan, Managing Director, CADD Centre Dr. Kumar Visvanathan, Head-People Shared Services, Mindtree, Shri. S. Vijayalakshmi, Associate Vice President-HR, Payoda Technologies and Rev. Fr. Dr. M. Maria William, Correspondent, St. Xavier’s Catholic College of Engineering. The main objective of the programme was to motivate the students to develop their skills, knowledge and communication.

ATOS Syntel Campus Engagement Programme

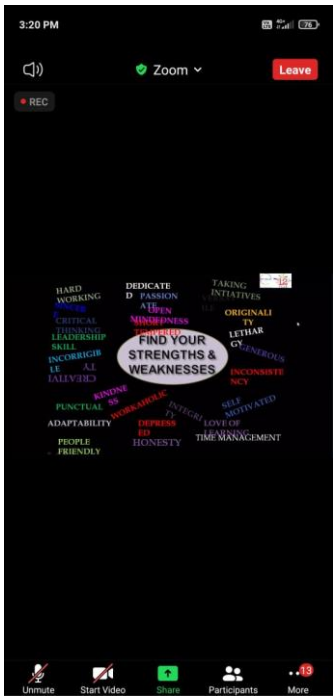
A placement training program was organized for the pre-final year students on 14-12-2020. The resource person for the training program was Mr. Jaison Raj, Senior consultant, Atos Syntel, Chennai. 72 Students participated in the training program.

Power Seminar on Positive Thinking

A one day virtual Power Seminar on "Positive Thinking" was organised by Science and Humanities Association of Xavier's in association with ICT Academy on 12-12-2020 at 3.00 pm. The resource person was Shri. Leslie J Praveen Kumar, Assistant Manager, Learning and Development, Allsec Technologies Ltd. The main objective of the programme is to develop the positive thinking of students. Nearly 176 students attended the seminar.

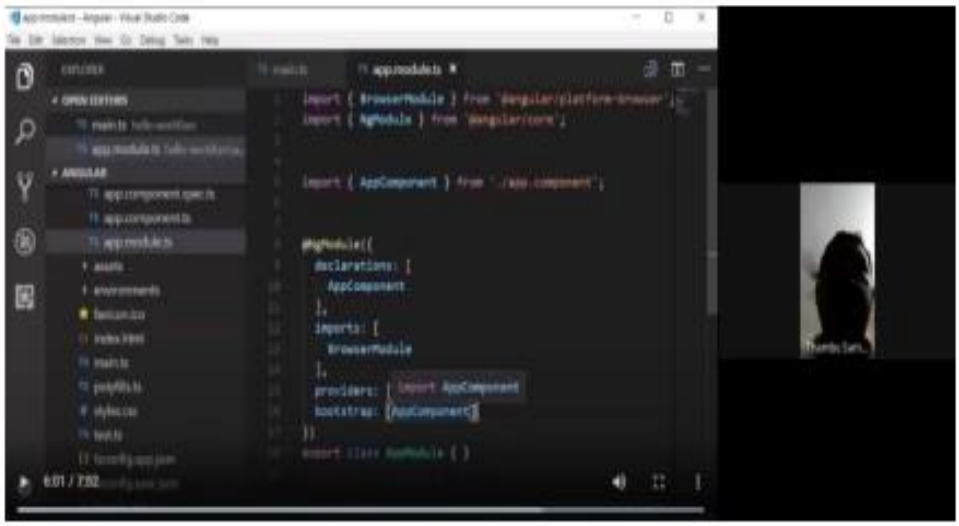
Soft Skills Online Training

A three day online soft skills training program was organized by the placement cell for the II year students from 26-11-2020 to 28-11-2020. The training was conducted by Ethnus Training Solutions, Bangalore. 167 students participated in the training program. Students were able to develop their communication, interpersonal and team management skills through this training program.



Journey of a Software Engineer and Basic UI design

The Association of Computer Engineers organised a seminar on ‘Journey of a Software Engineer and Basic UI design’ on 17/11/2020 at 4.00 p.m. Mr. A. Thambu Samuel, Principal Software Engineer, Finovera, started the seminar by describing the journey of a software engineer along with some tips and tricks to enter the IT industry with ease. He then explained how to set up the Angular environment in VS Code along with a walkthrough to creating a simple Hello world Angular application. 45 students participated in the event.



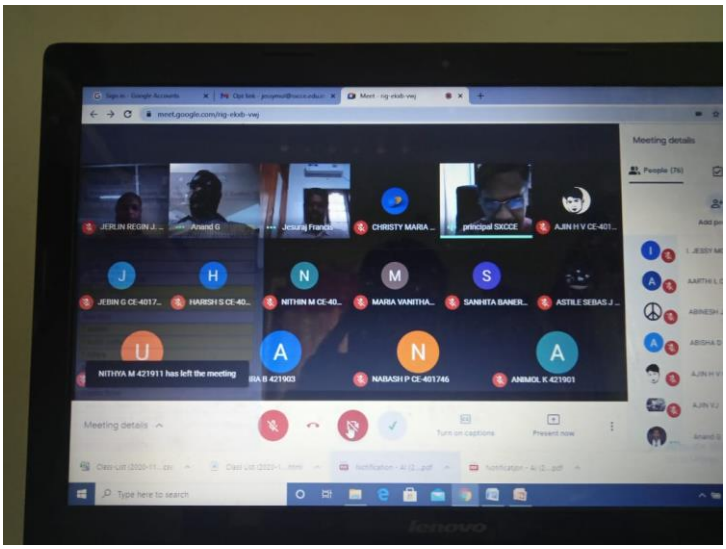
Soft Skills Online Training

A three day online soft skills training program was organized by the placement cell for the II year students from 12-11-2020 to 14-11-2020. The training was conducted by Ethnus Training Solutions, Bangalore. 158 students participated in the training program. Students were able to develop their communication, interpersonal and team management skills through this training program.

Virtual Inplant Training

A free online training from Civil Engineers' Association, Kanyakumari was organized by Reach and Faceat&p Association, Department of Civil Engineering, for the final year students from 2-11-2020 to 14-11-2020. The resource persons were Er. G.Vedanand, Advisory Member, Urgentech, Parvathipuram, Nagercoil, Er. A. Binodas, EC member, Nagercoil, Er. K. Ganesh Kumar, R.K. Constructions, Nagercoil, Er. K. Narendranath Babu,

Shree mugha constructions, Nagercoil, Er. F. Lawrence, Vice President, Er. M. Baldwin Bruce, MJ Engineering Construction, Nagercoil, Er. J. George Joseph, Immediate Past President, Gejay Builders, Nagercoil, Er. J. Jeyahar, Secretary, J.J. Constructions, Nagercoil, Er. A. Rajan, Past President, Nagercoil, Er. J. R. Julius, Er. N. Chentil Kumar, Er. Jeya Sheema, The students were trained on various topics. 88 students, both UG and PG, got benefitted.



What Industry needs from Engineering Graduates

A Seminar on 'What Industry needs from Engineering Graduates' was given to all the mechanical engineering students by Er. Vinay S, Manager-Education & Training, Conceptia Konnect, Chennai on 29/10/2020. About 90 students participated in it.

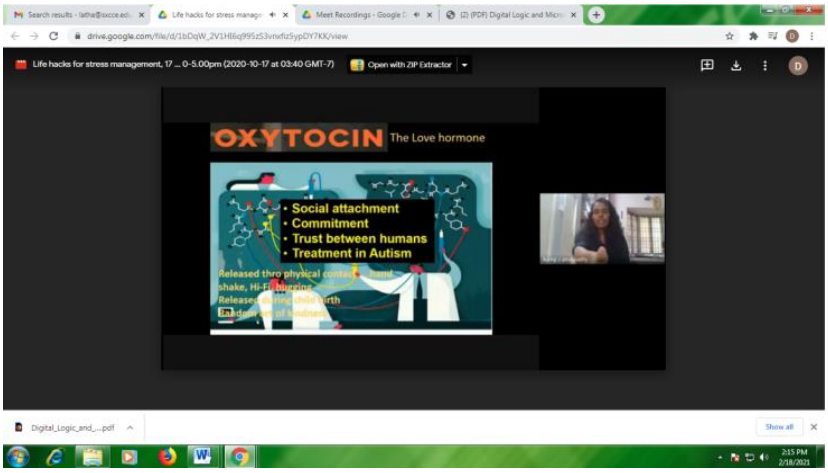
Webinar on Cyber Security in Daily Life

The Department of Information Technology conducted a Webinar on 'Cyber Security in Daily Life' to guide the students about the needs and the latest technologies in the field of

cyber security on 28/10/2020. The resource person was Mr. R. Ajay, Cyber Security Trainer in CyberTron01. 44 students participated in the seminar.

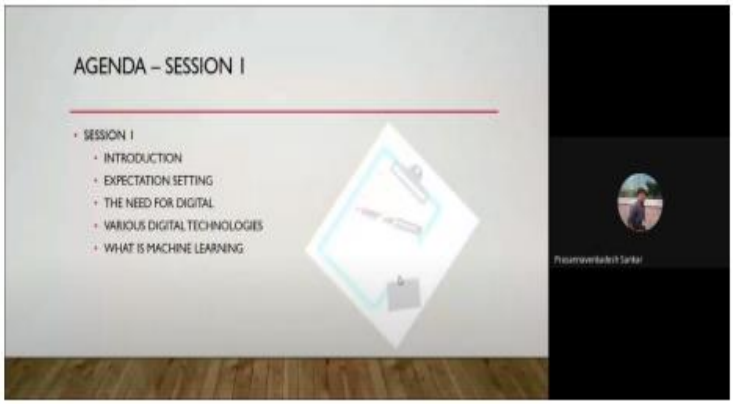
Webinar on Life Hacks for Stress Management

The Women's cell of St. Xavier's Catholic College of Engineering organized a webinar on 'Life Hacks for Stress Management' on 17/10/2020. The resource person was Dr. Kurinji Amalavathy, HOD, Sathyabama College of Dental Sciences, Chennai. 65 students participated in the program.



Why Millennial Generation Enhance Digital Skills

The Association of Computer Engineers organised a seminar on 'Why Millennial Generation should enhance Digital Skills and capabilities' on 17/10/2020 at 5.00 p.m. Er. Prasannavenkadesh, Senior Business Manager, HCL Technologies, started the session by explaining the need for digital skills. 49 students participated in the seminar.

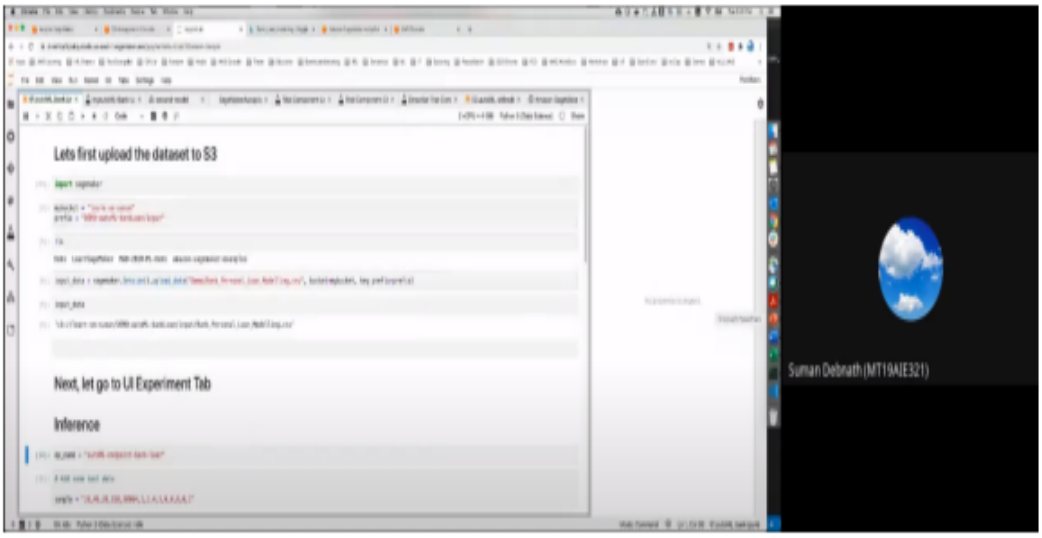


Webinar on Open Source Software

The Department of Information Technology of our college has conducted a webinar on 'Open Source Software' on 14.10.2020 to create awareness about the various open source software and their uses. Mr. T. Maria Melbin, Product Manager, Softsquare Solutions, Chennai was the guest speaker. He elaborated a broad idea about the open source software and its uses. He also explained various open source software used for different purposes. 19 students participated.

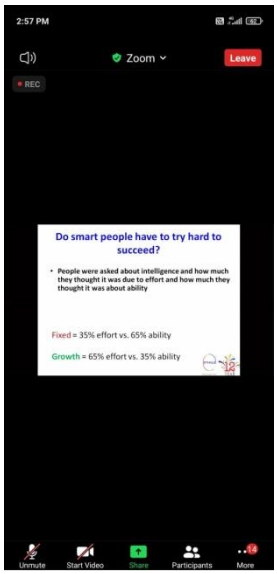
Machine Learning using Amazon SageMaker Autopilot

The Association of Computer Engineers organised a webinar on ‘Machine Learning using Amazo SageMaker Autopilot’ on 13/10/2020. The resource person, Mr. Suman Debnath, Principal Developer Advocate, Amazon Web services started the seminar by explaining some of the basic concepts in Machine Learning. Then he gave a live demo of using Amazon SageMaker to train a Machine Learning model and showed us the results. 64 students participated in the seminar.



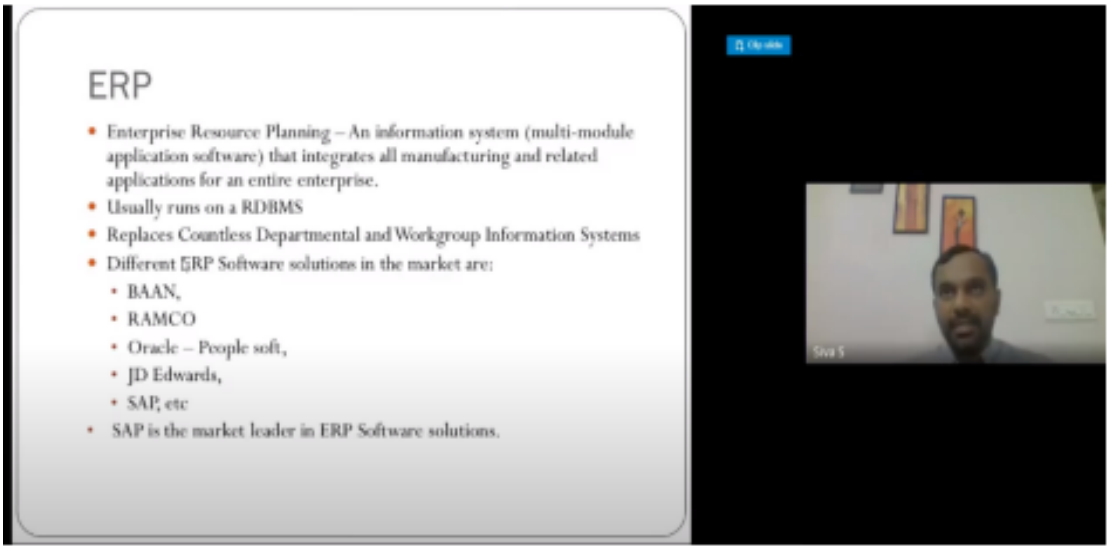
Soft Skills Training

A five day online soft skills training program was organized by the placement cell for the final year students from 12-10-2020 to 16-10-2020. The training was conducted by Ms. Kaviya Priya, Mr. Manivannan, Mr. Kabilesh from Ethnus Training Solutions, Bangalore. 242 students participated in the training program. The training helped the students to improve their communication skill and technical knowledge.



Power Seminar on SAP and ERP Software

The Association of Computer Engineers organised a webinar on ‘SAP and ERP Software’ on 10/10/2020. The resource person, Mr. Sivathanu Pillai S, Technology Architect, Infosys Technologies, started the seminar by explaining his journey in the world of SAP ERP and the IT industry. He then explained the dominance of SAP software in today's job market. 45 Students participated in the seminar.



Energy Conservation and Climate Change Mitigation

A Seminar on ‘Energy Conservation and Climate Change Mitigation’ was given to all the mechanical engineering students by Er. P. Premkumar & Er. Anil Kumar, External Faculty, PCRA, Ministry of Petroleum on 8/10/2020. About 77 students participated in it. This discussion included a description of barriers inherent to climate policy design, as well as energy markets that inhibit efficiency investment as an emissions reduction strategy.

Power Seminar on Digital Marketing

The Association of Computer Engineers organised a seminar on 'Digital Marketing' on 03/10/2020. The resource person was Er. Christal Lisy C J, Software Analyst, Rexknar Creative Solutions, Marthandam. She explained the various methods of Digital Marketing and compared modern marketing with traditional physical marketing. 60 students participated in the seminar.

Power Seminar on DevOps

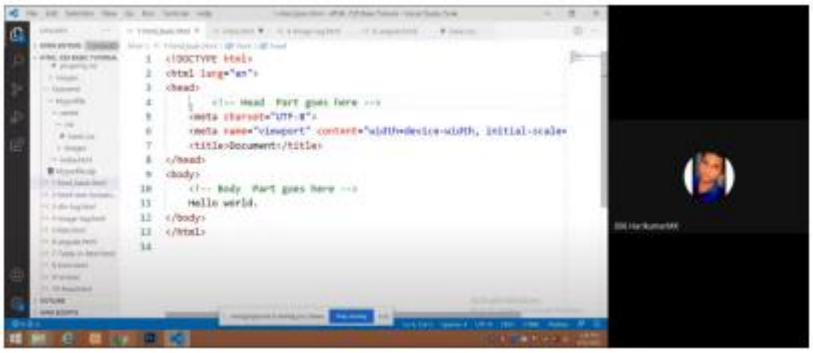
The Association of Computer Engineers organised a webinar on 'DevOps' on 01/10/2020. The resource person was Mr. Mohamed Azeem A, Test Lead, Cognizant Technology Solutions. He gave an idea to get started in the field of testing. He also explained DevOps in detail. 73 students participated in the webinar.

Power Seminar on Business and Operational Support

The Association of Computer Engineers organised a webinar on ‘Business and Operational support’ on 26/09/2020. The resource person was Ms. Sushma Suresh, Systems Engineer, Infosys Ltd., Trivandrum. She then explained Operational Support Systems (OSS), Business Support Systems (BSS), and the difference between them. 99 students participated in this webinar.

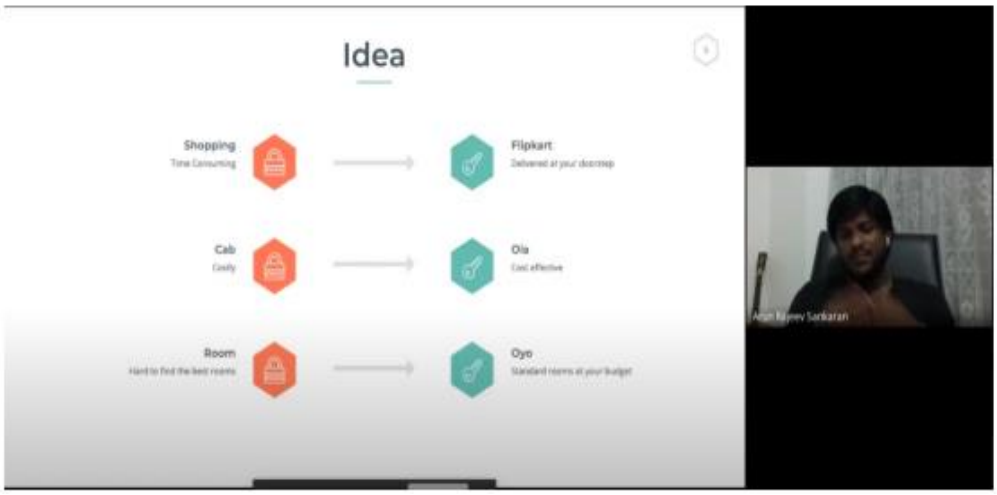
Workshop on Web Design – II

The Association of Computer Engineers organised a workshop on ‘Web Design II’ on 23/09/2020. The resource person, Mr. Muthu Kumar, Executive member/ACE, IV CSE B, started the session by giving a recap on topics covered in the first workshop. Then he described the structure of a simple HTML document and then revised most of the important tags in HTML. After revising HTML tags, Mr. Aravinth S, Executive member/ACE, IV CSE B, explained about CSS, its structure and its importance in modern web designing. 31 students participated in the workshop.



Power Seminar on Startup Entrepreneurship for Beginners

The Association of Computer Engineers organised a webinar on 'Startup Entrepreneurship for Beginners' on 19/09/2020. The resource person was Mr. Arun Rajeev Sankaran, CEO, FinOS, Nagercoil. He started the seminar by pointing out the differences between a startup and a traditional company. 49 students participated in this event.



Power Seminar on Intelligent Process Automation

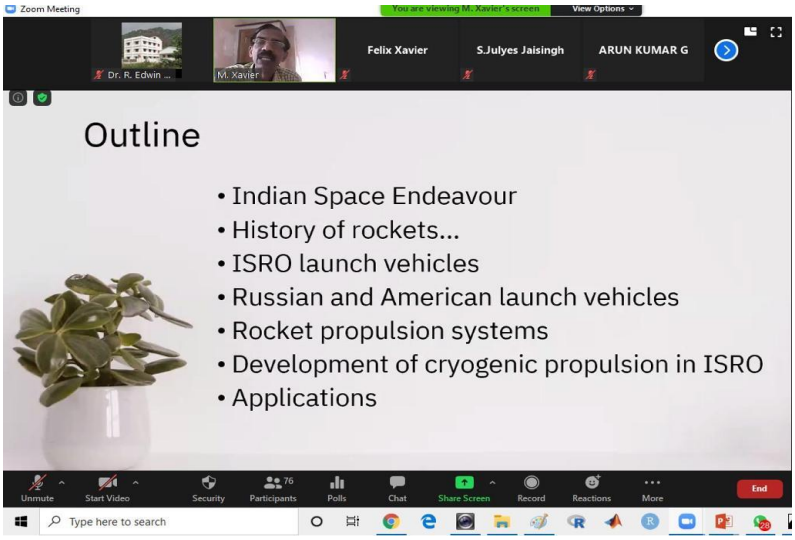
The Association of Computer Engineers organised a webinar on 'Intelligent Process Automation' on 16/09/2020. The resource person, Mr. A. Raju Siva, Director Intelligent Process Automation, Projects (IPA Solutions), CTS, started the seminar by pointing out the current state of the industry and explained a few disruptive technologies. Then he gave an overview of UiPath and explained about IPA and RPA along with a demo. 63 students participated in this webinar.

Power Seminar on Media Analysis

The Association of Computer Engineers organised a webinar on 'Media Analysis' on 12/09/2020. The resource person, Mr. Abey George, CapeStart, Nagercoil, started the seminar by highlighting the increased rate at which data is produced and why it could be the fuel for the modern world. Then he explained the importance of Media Analysis. 82 students participated in this webinar.

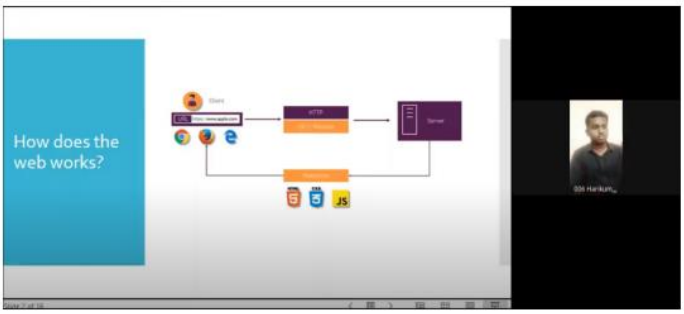
Development of Cryogenic Propulsion for GSLV in ISRO

A Seminar on Development of Cryogenic Propulsion for GSLV in ISRO was given to all the mechanical engineering students by Er. M. Xavier, Group Director, LPSC, ISRO, Trivandrum on 12/09/2020. About 108 students participated in it. The seminar includes mainly the Rocket propulsion systems and the Development of Cryogenic Propulsion ISRO.



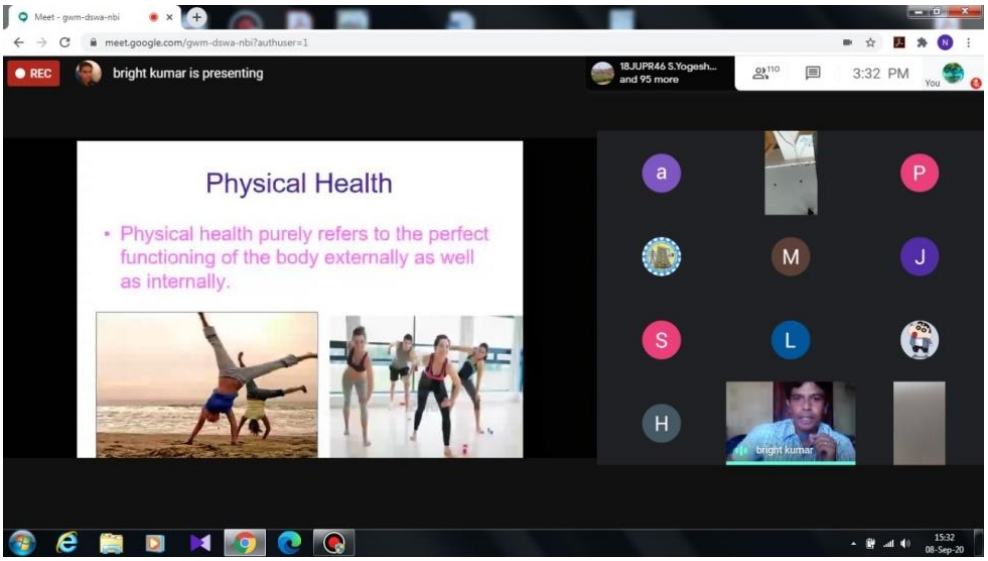
Workshop on Web Design

A Workshop on Web Design was organised by the Association of Computer Engineers on 11-09-2020. The resource persons were Mr. M. Muthu Kumar, Executive Member/ ACE, IV CSE B, and Mr. S. Aravinth, Executive Member/ ACE, IV CSE B. The session started with a brief idea about how the web works. Through this workshop, students were able to design basic static webpages. About 105 students participated in the workshop.



Webinar on Fitness and Wellness

A National level Webinar on Fitness and Wellness was conducted on 08-09-2020. The Resource Person was Dr. N. Bright Selva Kumar, Principal, Christian College of Physical Education, Nagercoil. About 170 students participated in the webinar. The webinar was organized in connection with the 'Fit India Movement' program.



Webinar on Tensor Flow for Deep Learning Application

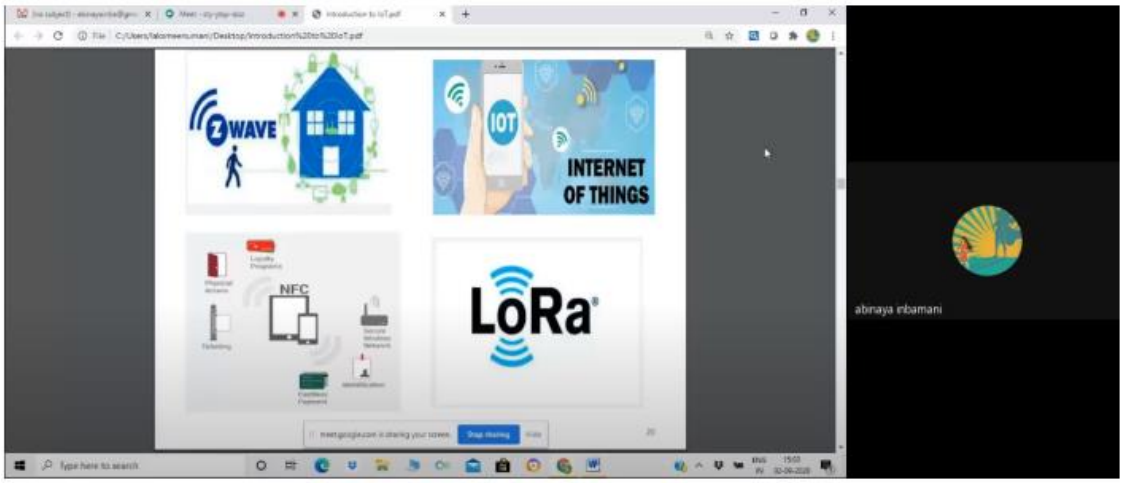
The webinar on "Tensor flow for Deep Learning Application" was conducted on 04/09/2020 by the Department of Computer Science and Engineering in association with Pantech eLearning. The Resource Person was Mr. Kamalesh S, Trainer, Pantech eLearning. 82 students participated in the webinar. Mr. Kamalesh started the session by giving a brief introduction about Tensor Flow. He explained the architecture of TensorFlow in detail. The webinar concluded with a Q&A session.

Being Proactive in the Era of Transformation

A webinar on Being Proactive in the Era of Transformation was organised by ELECTROS, Department of Electronics and Communication Engineering on 03-09-2020. The resource person was Dr. A. Arun Prakash, Deputy Manager, Human Resources, Robert Bosch, Coimbatore. About 15 students participated in the webinar.

Power Seminar on IoT & its Industrial Application

A power seminar on IoT & its Industrial Application was organised by the Association of Computer Engineers on 02-09-2020. The resource person was Prof. Abinaya Inbamani, Assistant Professor, Department of EEE, Sri Ramakrishna College of Engineering. Prof. Abinaya Inbamani introduced IoT followed by some mini project ideas. About 165 students participated in the seminar.



Webinar Series on Interdisciplinary Research in Civil Engineering

One Week Online Webinar Series on "Interdisciplinary Research in Civil Engineering" was organized by the REACH Association, Department of Civil Engineering from 19-08-2020 to 22-08-2020. About 108 students attended the program. The resource persons were

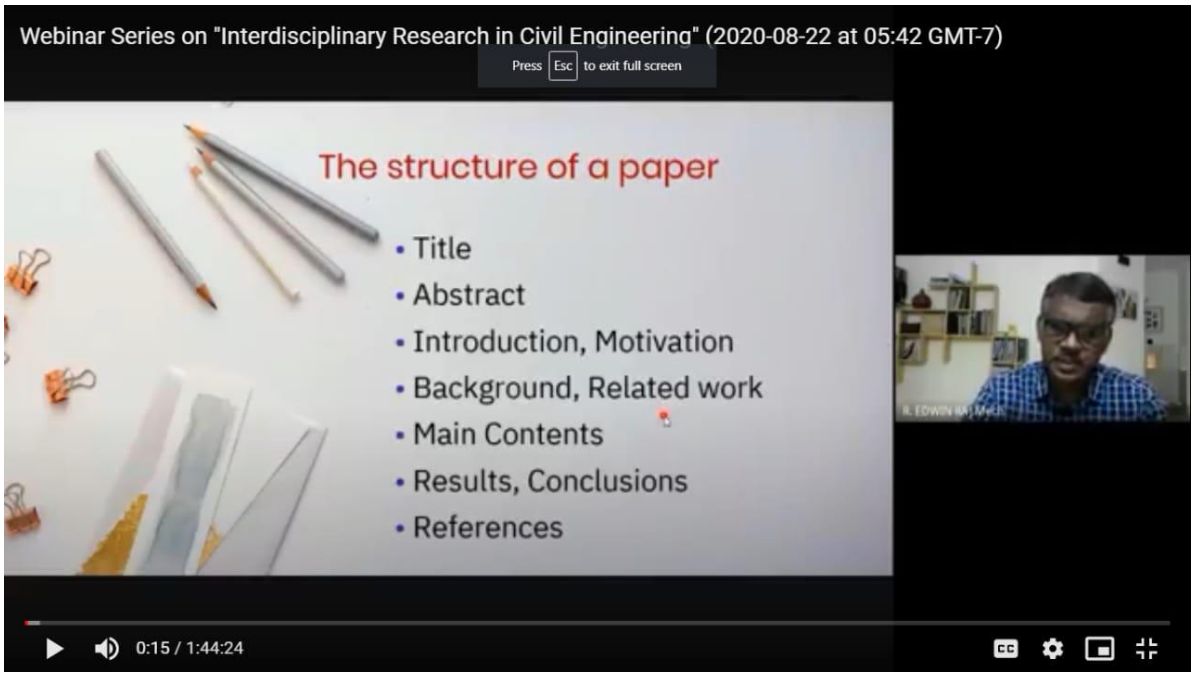
Day 1 - Dr. S. Joseph Sekhar, Professor, Department of Mechanical Engineering, Shinas College of Technology, Oman, on the title “Energy efficient and ecofriendly cooling technologies for buildings”.

Day 2 - Dr C. Seldev Christopher, Professor, Department of CSE, SXCCE, on “Application of Image processing Civil Engineering”.

Day 3 - Dr. A. Diana Andrushiya, Assistant Professor, Department of ECE, Karunya Institute of Technology & Sciences, on the title “Deep learning for structural health monitoring (SHM) - Challenges and opportunities”

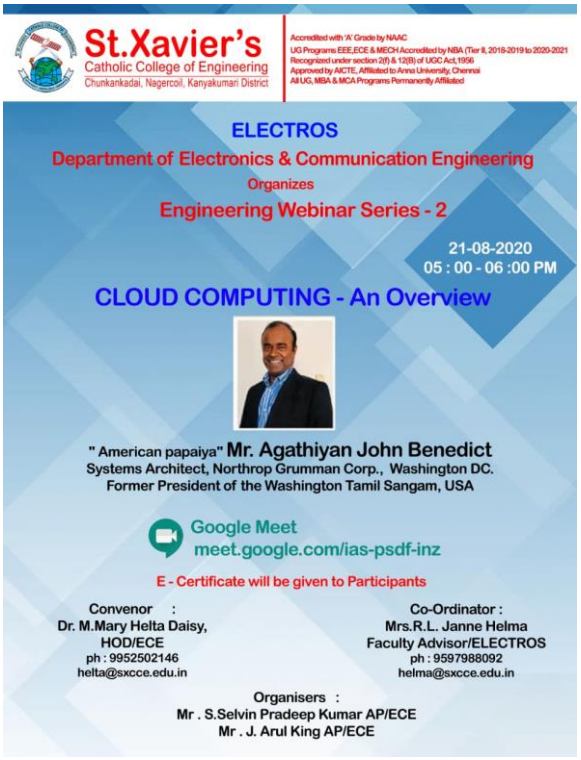
Day 4 - Dr. R. Edwin Raj, Professor, Department of Mechanical Engineering, SXCCE on the title “Challenges in publishing papers with high impact journals”

The contents were explained very well. The participants were immensely benefitted with the programme.



Cloud Computing - An Overview

A webinar on Cloud Computing - An Overview was organised by ELECTROS, Department of Electronics and Communication Engineering on 21-08-2020. The resource person was Mr. Agathiyan John Benedict, Northrop Grumman Corp.,Washington DC. This discussion included the concepts of cloud computing. About 24 students participated in the webinar.



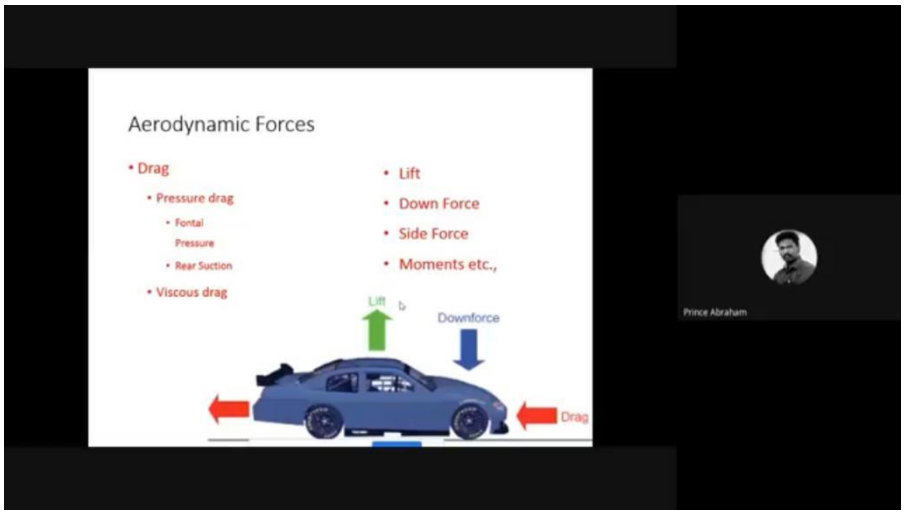
Webinar-Rational Thinking for Emotional Well Being

A seminar on Rational Thinking for Emotional Well Being was given to all the Mechanical Engineering students by Dr. R. Edwin Raj, Professor/Mechanical, SXCCE on 13th August 2020. This discussion included identifying the emotional triggers and the ways of controlling. About 95 students participated in it.

Automotive Aerodynamic Simulation using Ansys FLUENT

A Seminar on Automotive Aerodynamic Simulation using Ansys FLUENT was given to all the Mechanical Engineering students by Er. B. Prince Abraham, Assistant Professor/Mechanical, National Engineering College, Kovilpatti on 7th August 2020. The

seminar emphasized on the objectives of aerodynamics and the elements of simulation with very good examples. About 82 students participated in it.



Seminar on Database Trends in the Industry

A seminar on Database Trends in the Industry was organised by the Department of Computer Science and Engineering on 07-08-2020. The resource person was Mr. Fleming Joseph, Production Operations Manager, Tata Consultancy Services. 42 students participated in the seminar. Mr. Fleming Joseph gave a brief introduction about Database and its importance in the industry.

Webinar on Smart Grid

The Society of Electrical Engineers association has organised a Webinar on Smart grid. This event was conducted on 05-08-2020. The resource person was Ms. S. Shiny, AP/EEE, SXCCE. 19 students participated in the webinar. The resource person explained briefly about

smart grid and the benefits of integrating renewable energy resources and future scopes of smart grid. The Webinar was informative and useful.

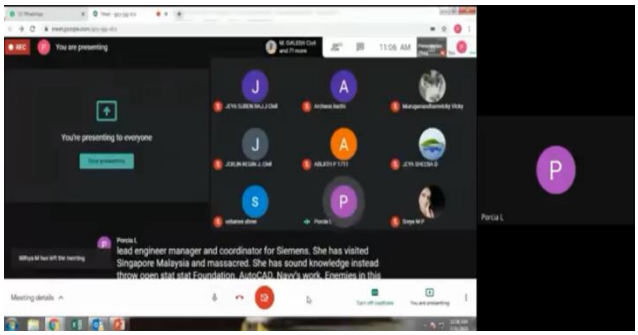
Industrial Expectations in Civil Engineering

A 3 day webinar series was organised by the REACH Association, Department of Civil Engineering from 30-07-2020 to 01-08-2020. About 153 students participated in the program. The resource persons were

Day 1: Mr. J. Senthil kumar Assistant general manager Estimation ad compliance department Bangalore, on the topic "Construction Cost Management and Industry Expectations and Opportunities".

Day 2: Ms. T. Premalatha Manager- Structural, Kavin Engg & services (P) Ltd, Coimbatore, on the topic "Role of Civil Engineers in Petroleum Industries".

Day 3: M.S. Benslija Faculty, Hiltek robotics research centre (P) Ltd, Nagercoil, "IoT based Robotics and Automated Systems in Civil Engineering".



International Webinar on Interpersonal Skills

The Department of Information Technology of our college has conducted an International Webinar on Interpersonal Skills on 31-07-2020 to motivate the students to improve the

interpersonal skills and shine in the future placement drives. Mr. A.P. Manoj Kumar, Soft Skills Coach in Skills Meet India and English Language Trainer at Abudhabi was the chief guest. The participants got benefited by understanding the various methods of interaction and communications. About 52 students participated in the webinar.

Webinar on Alternate Fuels for Automobiles

A Seminar on Alternate fuels for Automobiles was given to all the Mechanical Engineering students by Mr. Shambu S. Krishna, Executive member/MEGX on 31st July 2020. The seminar included mainly the alternate fuels which are available for Automobiles. About 75 students participated in it.

Webinar on Applications of Machine Learning in Wireless Communication

A webinar on 'Applications of machine learning in wireless communication' was organised by the Department of ECE and ACM SXCCE on 30th July 2020. The resource person was Dr.

S. Sankar Ganesh, Assistant Professor, Senior Grade I, Department of Communication Engineering, SENSE, Vellore Institute of Technology. About 35 students participated in the webinar.

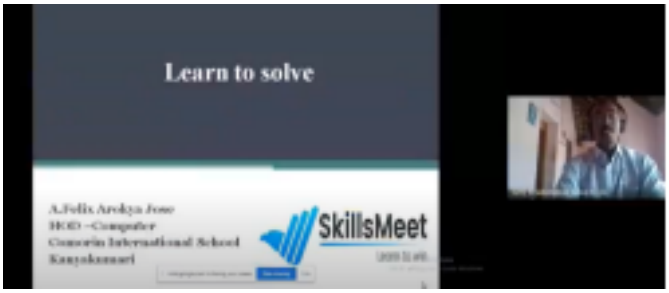
Webinar on E-sim

The Society of Electrical Engineers association has organised a Webinar on E-Sim. This event was conducted on 29-07-2020. The resource person was Prof. Leon Bosco Raj, AP/EEE, SXCCE. The resource person explained briefly on eSim, an open source software platform. Around 21 students and 5 faculty members participated in the program.

Seminar on Learn to Solve in Java

The Association of Computer Engineers organised a webinar on 'Learn to solve in Java' on 29 July 2020. The resource person was Mr. A. Felix Arockiya Jose, HOD / CSE, Commorin

International School. The resource person gave a brief introduction about Java and taught how to use it. 50 students participated in the webinar.



Webinar on 5S techniques

The Society of Electrical Engineers association has organised a Webinar on 5S techniques for successful life on 22-07-2020 at 10.30 am. This event was conducted as a motivational program for the students and faculty. The resource person was Dr. M. Marsaline Beno, Vice-Principal, SXCCE. The resource person explained about the 5S Japanese techniques to lead a successful life. 32 students participated in the webinar.

Code Versus 2020

An Online Coding Contest “Code Versus 2020” was conducted on 19th July 2020. The contest was conducted on the coding platform hacker rank .The contest helped in developing the coding skills in students. Around 130 students participated in the contest.

Innovative projects in civil engineering

A One Week Online Webinar Series on “Innovative Projects in Civil Engineering” was organized by the REACH association, Department of Civil Engineering from 13-07-2020 to 17-07-2020 through Google Meet. Around 160 students participated in the program. The resource persons were

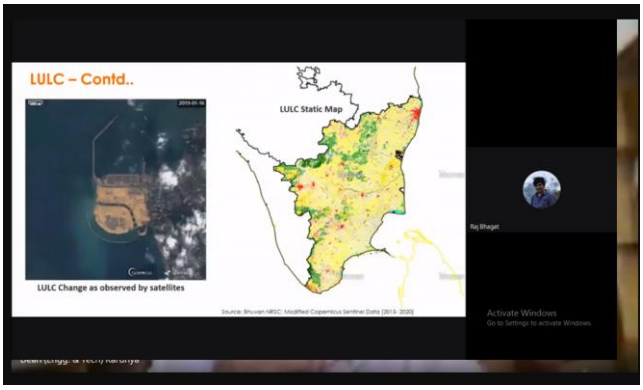
Day 1: Dr. G. Prince Arul Raj, Professor & Dean E&T, Karunya University, on “Concrete Technology”.

Day 2: Mr. G. Devaananda,. Assistant Environmental Engineer, Puducherry Pollution Control Committee, on “Innovations and Challenges in Environmental Engineering”.

Day 3: Mr. Gopalakrishnan Chandramohan, Chief Mentor, Blastect Consulting India, on “Design of Special Structures”

Day 4: Dr. Sherlin Prem Nishold. S, Senior project officer, Department of Ocean Engineering, IIT Madras, on “Recent Development in Soil Mechanics and Foundations”

Day 5: Mr. P. Raj Bhagat, Manager, Sustainable Cities & Transport, WRI India, Bangalore, on “Remote Sensing Project Ideas”



SDG 7,9 Energy Industry Expert Talk Series 04

The Institution of Green Engineers (IGEN – GREEN9) along with EnSav Club, SXCCE conducted SDG 7, 9 Energy Industry expert talk series – 04 on "Cost reduction using the base of energy pyramid concepts" on 16th July 2020 via online. The resource person was Mr. S. Ashok, BEE Accredited Energy Auditor. About 90 students participated in the program.

Webinar on Solar Photovoltaic Systems

Society of Electrical Engineers association has organised a Webinar on "Fundamentals of solar photovoltaic system". This event was conducted on 15-07-2020. The Resource person was Dr. M. John Bosco, AP/EEE/SXCCE. The resource person explained about solar power generation. 22 students participated in the program.

Seminar on Introduction to Alibaba Cloud

A seminar on “Introduction to Alibaba Cloud” was conducted on 11 July 2020. The Resource Person was Mr. Gavaskar S, MVP at Alibaba Cloud, CTO at GM Software. 92 students participated in the seminar. Mr. S. Gavaskar gave a brief introduction about Alibaba Cloud and demonstrated how to create Alibaba cloud account and ECS creation. A total of 92 students participated in the program.

March towards Positivity Webinar

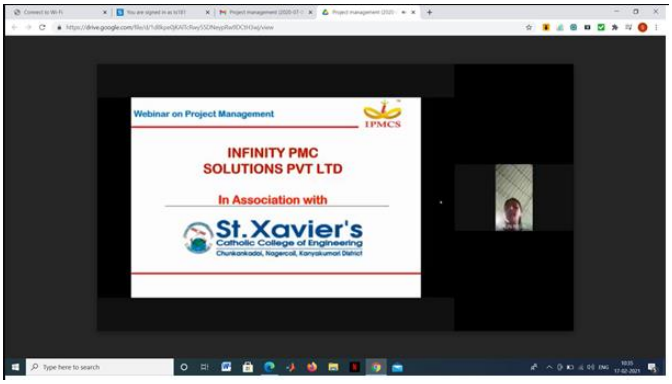
The IET ON CAMPUS has organized a webinar on “March towards Positivity” on 10-07-2020 via Google Meet. The Resource Person was Dr. Mahalekshmi, Dean, KIT, Coimbatore. The students were trained to be positive minded. 24 students and 32 faculty members attended the program.

Project and Cost Management in Civil Engineering

A webinar on “Project and Cost Management in Civil Engineering” was organised by the REACH Association, Department of Civil Engineering & Infinity PMC solution on 08.07.2020 and 09.07.2020 at 12.00 pm through Google Meet. The resource persons were

1. Ms. Suganya, PMP, Manager-Delivery & Services, Infinity PMC solution Pvt Ltd, on the Topic “Project Management” and
2. Ms. Janani, RICS BIM, Manager, Professional & Services, Infinity PMC solution Pvt Ltd, on the “Topic Cost Management”

The students were trained on Project and Cost Management in Civil Engineering. Totally 64 students were benefitted.



Workshop on Coding Skills using C

A 12 day workshop on “Coding Skills using C” for students was organized by BRIGITZ from 2nd July to 17th July 2020. The resource persons were Ms. N. Ansgar Mary, Ms. M. Geetha Jenifel, Ms. A. M. Angelin Monisha Sharean , Assistant Professor, Department of IT, St. Xavier's Catholic College of Engineering. The students were trained on C Programming. About 102 students participated in the workshop.

Webinar on Secrets to be Successful

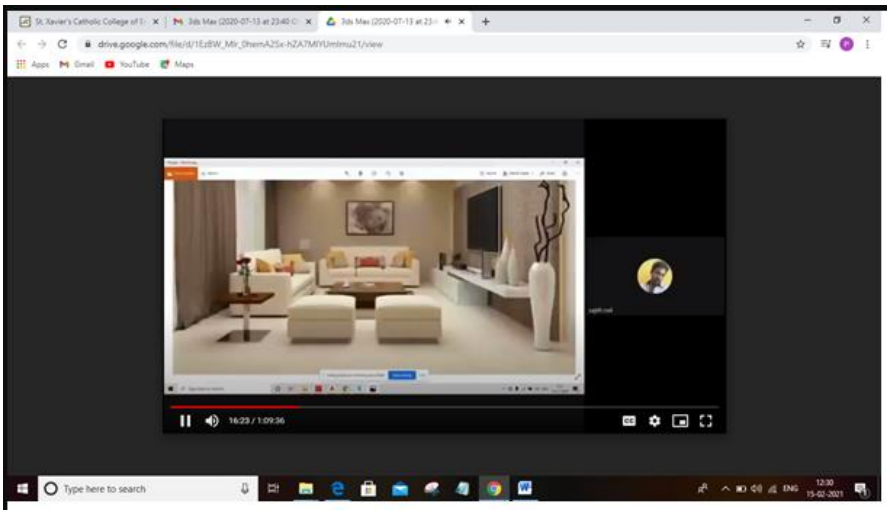
The IET ON CAMPUS SXCCE has organized a webinar on “Secrets to be Successful” on 01/07/2020 through Google Meet. The Resource Person was Mr. Kelvin Varghese, Director H&G, Dubai Airport. A total of 34 students and 12 faculty members attended the program. Feedbacks were collected from the students and the feedback showed that the students were enriched with knowledge on the topic.

MPPT in WECT Webinar

The IET ON CAMPUS has organized a webinar on “MPPT in Wind Energy Conversion System” on 29-06-2020 via Google Meet. The Resource Person was Dr. Rajin M. Linus, HOD/EEE, Sanjay Godhawat University. 11students and 53 faculty members attended the program.

Application of 3ds Max in Civil Engineering

A free online course on “Application of 3ds Max in Civil Engineering” was organised by the Department of Civil Engineering, for the students of the department. The course was conducted from 29.06.2020 to 20.07.2020 through Google Meet. The resource person was Mr. J. Sajith, Structural Engineer, Blastect Consulting, Chennai. The students were trained to create 3D models of buildings using the software. 44 students, both UG and PG, got benefitted.



Webinar on Design of Digital Audio Playback System using AT89S51 Microcontroller

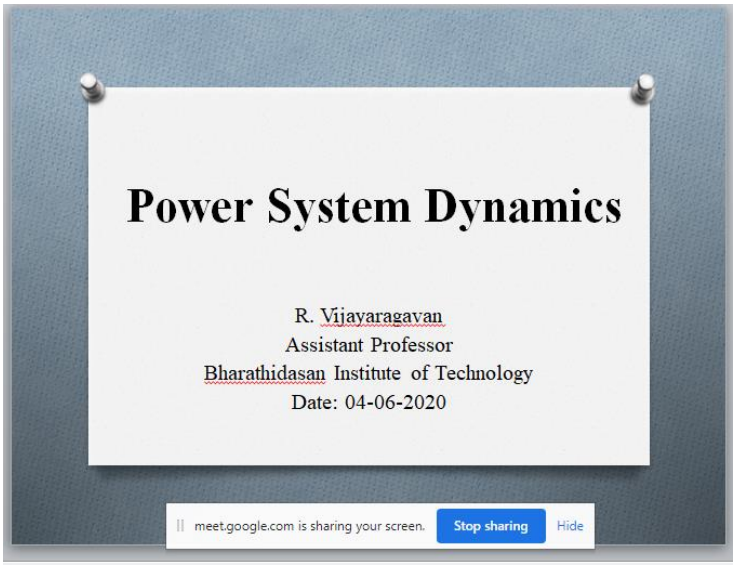
The Society of Electrical Engineers Association organised a Webinar on the “Design of Digital Audio Playback System using AT89S51 Microcontroller”. This event was conducted on 27-06-2020 at 10.30 a.m. The resource person was Er. S. V. Sreeraj, Director, Emcog Solutions, Chennai. The resource person explained briefly how to design Digital Audio Playback system and about the Microcontrollers used in designing. About 20 students participated in the webinar.

Electrical Vehicle Technology Webinar

The IET ON CAMPUS has organized a webinar on “Electrical Vehicle Technology” on 11-06-2020 through Google Meet. The resource person was Er. Geoffer Jaish, Junior Engineer, AVL Limited, Chennai. A total of 21students and 46 faculty members attended the program.

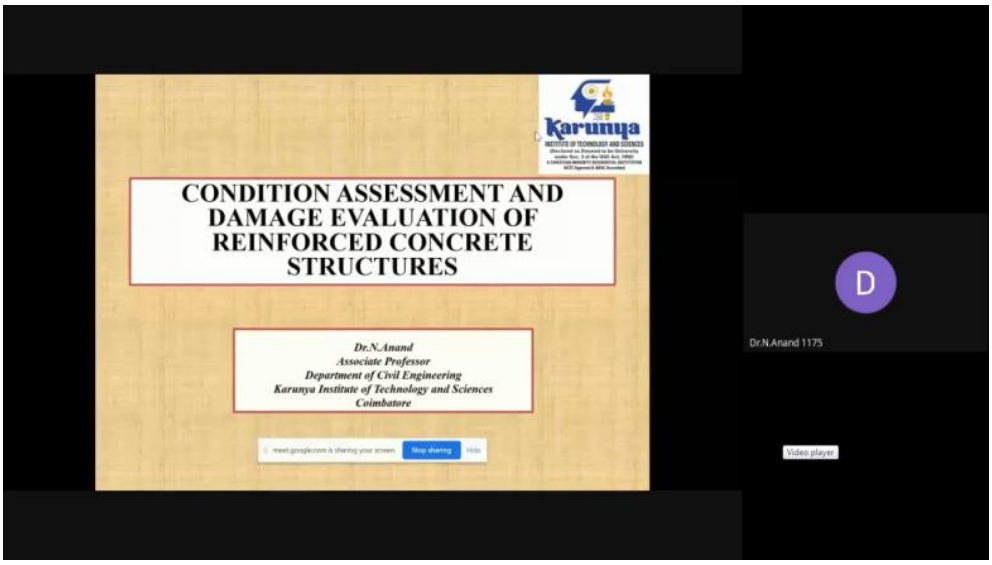
Webinar on Power System Dynamics

The Society of Electrical Engineers Association has organised a Webinar on Power system Dynamics. This event was conducted on 04/06/2020. The resource person was Prof. R. Vijayaragavan, Assistant Professor, Bharathidasan Institute of Technology. The concepts of power system and the techniques for analysis of power systems were explained to the students. A total of 30 students participated in the webinar.



Non-Destructive Testing (NDT) - Field application

The webinar on "Non-destructive testing (NDT) - Field application" was organised by the REACH Association, Department of Civil Engineering, for the UG Final year students on 2.06.2020 through Google Meet. The resource person was Dr. Anand N, Associate Professor, Department of Civil engineering, Karunya University, Coimbatore. The students gained knowledge on NDT Field Applications. Totally, 64 students and 14 faculty members attended the program.



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