

**SPECIAL ISSUE - 26**

**16 - 20 NOVEMBER 2020**



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**DIGEST**



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**SKCT | JJRS  
JSRO | ONLINE  
TRAINING  
PROGRAMME**



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# SKCT | IIRS ISRO | ONLINE TRAINING PROGRAMME | UNDERSTANDING OF COASTAL OCEAN PROCESSES USING REMOTE SENSING AND NUMERICAL MODELLING



सत्यमेव जयते

भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING  
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION  
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



COR677872020

बहिः परिसर संपर्क/ विस्तार कार्यक्रम प्रमाण पत्र  
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

संस्थान की सहभागिता का प्रमाण पत्र  
CERTIFICATE OF PARTICIPATION OF INSTITUTE

यह प्रमाणित किया जाता है कि श्री कृष्णा कॉलेज ऑफ टेक्नालजी ने भारतीय सुदूर संवेदन संस्थान, इसरो देहारादन द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम "सुदूर संवेदन और संख्यात्मक मॉडलिंग का तटीय महासागर प्रक्रियाओं की ज्ञप्ति हेतु उपयोग" में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 21 सितंबर, 2020 से 25 सितंबर, 2020 तक किया गया।

This is to certify that **SRI KRISHNA COLLEGE OF TECHNOLOGY**, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on "**Understanding of Coastal ocean processes using Remote Sensing and Numerical Modelling**". This online programme was conducted during September 21, 2020 to September 25, 2020.

दिनांक/ Date: 19-11-2020  
देहरादून/ Dehradun

प्रमुख,  
बिद्योत्प्रेष सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग  
Head, Geoweb Services, IT & Distance Learning Department, IIRS

समूह प्रमुख,  
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह  
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

Sri Krishna College of Technology has been certified for conducting online programme on "Understanding of Coastal Ocean Processes Using Remote Sensing and Numerical Modelling" through SKCT IIRS Nodal Centre in association with IIRS, ISRO, Dehradun during 21-25 September 2020.

# **STUDENTS' PARTICIPATION**



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## CIVIL | STUDENT'S PARTICIPATION IN WORLD STANDARDS DAY



Mr Abutaburiq Alianwardeen, Student of Second B.E. Civil Engineering, secured the Second Place in “Poster Making” organised by Bureau of Indian Standards as a part of World Standards Day on 14 October 2020.

## CSE | STUDENT CERTIFICATION



Mr B R Krithik Krishna, Student of Third B.E. CSE B Section, bagged the **“Second Prize in Essay Writing Competition”** organised by Ministry of Consumer Affairs, Food and Public Distribution, Government of India on 14 October 2020.

CSE | STUDENT INTERNSHIP

Certificate No.:  
PB-NO2005172040



**CERTIFICATE OF INTERNSHIP**

This is to certify that

**KIRUTHICK R**

from Sri Krishna College of Technology  
has successfully completed her/his/their Campus Business Manager Internship  
from 17th May 2020 to 17th November, 2020

*Sujit*  
Sujit Kumar Mahato  
CBM Head



*Mir Tahmid Ali*  
Mir Tahmid Ali  
Program Manager

To verify this certificate send the Certificate No. to [contact@prepbytes.com](mailto:contact@prepbytes.com)

Mr R Krithik, Student of Third B.E. CSE B Section, completed a “Campus Business Manage Internship” at PreBytes during 17 May-17 November 2020.



# ***P.H.D. RESEARCH SCHOLAR***



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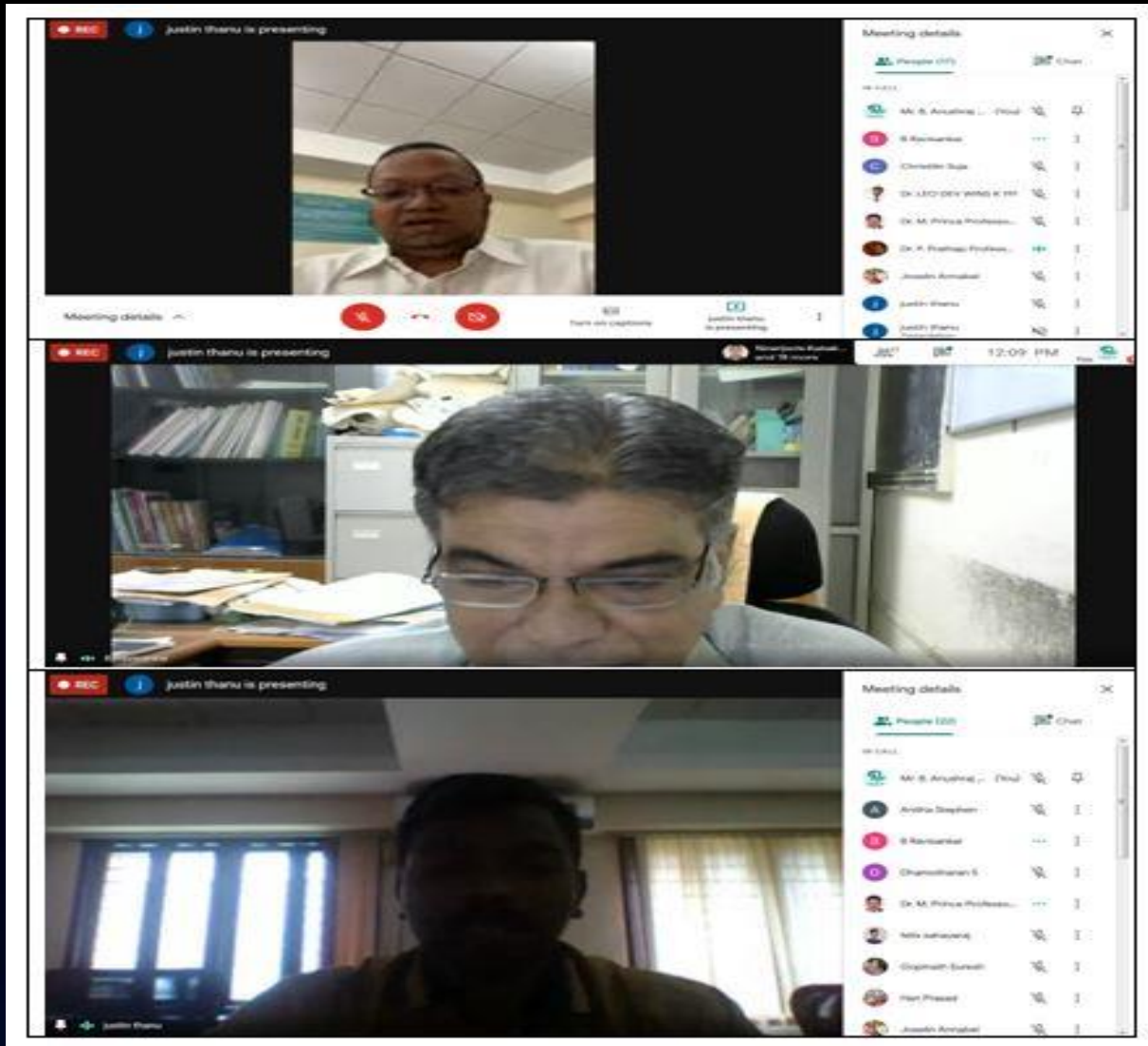


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**MECH | Ph.D. RESEARCH SCHOLAR | VIVA VOCE**

Mr A Justin Thanu, Ph. D. Research Scholar, Dept. of Mechanical Engineering, defended his Viva Voce. Dr N Selvaraj, Dept. of Mechanical Engineering, NIT, Warangal, Dr B Ravisankar, Professor, Dept. of Metallurgical and Materials Engineering and Dr M Prince, Professor, Dept. of Mechanical Engineering, facilitated the session on 19 November 2020.

## ECE | PHD VIVA VOCE

**OUTLINE**

- Objectives
- Introduction
- Challenges
- Literature Survey
- SM fiber /FSO System
- Effect of various advanced modulation scheme on the proposed mode with various all optical amplifiers
- Simulation model & Performance Analysis
- Analysis of proposed FSO system for various atmospheric instabilities
- Results and Discussion
- Conclusions
- Future Work

20-11-2020

**Figure 27. BER analyzer output for clear weather condition at link length of 220 km**

**Figure 28. BER analyzer output for haze condition at link length 12 km**

Mr A R Palanisamy defended his PhD viva voce on the topic “Certain Investigations on the performance Analysis of Various Modulation schemes and Optical Amplifiers for 10Gpbs fibre and free space optical communication” under the supervision of Dr G M Tamilselvan, Professor & Head, Dept. of ECE on 20 November 2020.

# **GUEST LECTURE DELIVERED**



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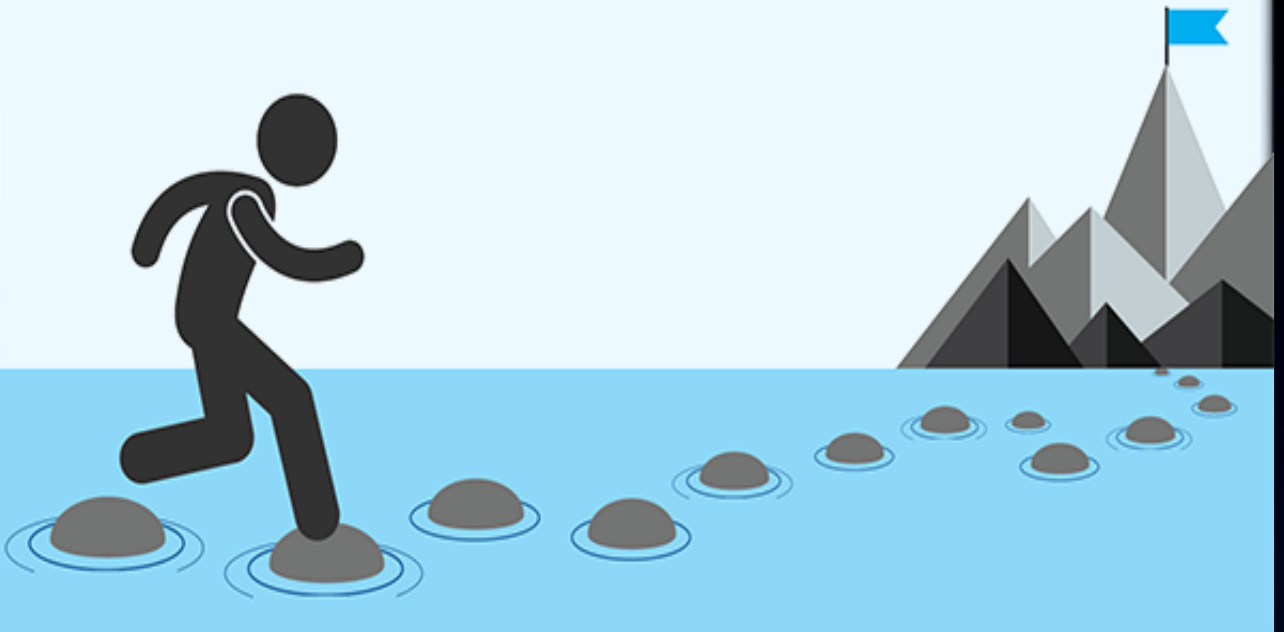
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**MECH | FACULTY ACHIEVEMENT | GUEST LECTURE  
ON RECENT TRENDS IN REFRIGERATION,  
AIRCONDITIONING & CRYOGENICS**

Dr S Sundararaj, Professor, Dept. of Mechanical Engineering, delivered a Guest Lecture on "Recent Trends in Refrigeration, Airconditioning, and Cryogenics" organised by Sri Manakula Vinayagar Engineering College, Pondicherry on 18 November 2020.

# **FACULTY PARTICIPATIONS**



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## ECE | IIRS ISRO ONLINE COURSE | UNDERSTANDING OF COASTAL OCEAN PROCESSES USING REMOTE SENSING AND NUMERICAL MODELLING



भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING  
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION  
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



ऑनलाइन दूरस्थ अधिगम कार्यक्रम  
ONLINE DISTANCE LEARNING PROGRAMME

COR677872020

समन्वय का प्रमाणपत्र  
CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि श्री कृष्णा कॉलेज ऑफ टेक्नालजी कार्यरत श्री एस गणेश प्रभु, ने “सुदूर संवेदन और संख्यात्मक मॉडलिंग का तटीय महासागर प्रक्रियाओं की ज्ञप्ति हेतु उपयोग” विषय पर इस संस्थान द्वारा दिनांक 21 सितंबर, 2020 से 25 सितंबर, 2020 तक संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम को समन्वित किया।

This is to certify that **MR. S GANESH PRABHU**, working with **SRI KRISHNA COLLEGE OF TECHNOLOGY**, has coordinated the online training course on “**Understanding of Coastal ocean processes using Remote Sensing and Numerical Modelling**” conducted by this institute during September 21, 2020 to September 25, 2020.

दिनांक/ Date: 19-11-2020  
देहरादून/ Dehradun

  
प्रमुख,  
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग  
Head, Geoweb Services, IT & Distance Learning Department, IIRS

  
समूह प्रमुख,  
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह  
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

Mr S Ganesh Prabhu, Asst. Professor, Dept. of ECE, has been certified for coordinating an online training programme on “**Understanding of Coastal Ocean Processes Using Remote Sensing and Numerical Modelling**” organised by IIRS,ISRO, Dehradun through SKCT-IIRS Nodal Centre during 21-25 September 2020.

# ECE | IIRS ISRO ONLINE COURSE | UNDERSTANDING OF COASTAL OCEAN PROCESSES USING REMOTE SENSING AND NUMERICAL MODELLING



Ms Dhivya Priya E L, Asst. Professor, Dept. of ECE, completed an online course on “**Understanding of Coastal Ocean Processes Using Remote Sensing and Numerical Modelling**” organised by IIRS,ISRO, Dehradun through SKCT-IIRS Nodal Centre during 21-25 September 2020.



# PUBLICATIONS



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## CIVIL | BOOK CHAPTER PUBLICATION

**Experimental Study on Lightweight Concrete with Copper Slag and Pumice Stone, Leca as a Partial Replacement of Aggregates**

V. Praveen Jesuraj and V. Sreevidya

**Abstract** The project presents the usage of copper slag, pumice stone and leca (light expanded clay aggregate) for partial replacement of fine aggregate and coarse aggregate. The experimental procedure is conducted for the replacing percentages of 5, 15 and 25%. For this above-mentioned replacement percentage, M20 grade concrete is used with a water-cement ratio of 0.48. For 5% replacement of pumice, the amount of copper slag replaced is 5% with fine aggregate and the amount of pumice replaced is 5% with coarse aggregate. For 5% replacement of leca, the amount of copper slag replaced is 5% with fine aggregate and the amount of leca replaced is 5% with coarse aggregate. Similarly, 15 and 25% replacement of fine aggregate and coarse aggregate is done, respectively. For this purpose, seven sets were prepared to study the compressive strength, split tensile strength and flexural strength. Each set comprises of three cubes, three cylinders and three prisms. The compressive strength test, split tensile strength test, flexure strength test have been done. A comparison study has been done between leca and pumice to identify the suitable alternate for ordinary concrete. The main objective of this project is to know the strength of partially replaced concrete.

**Keywords** Lightweight concrete · Leca · Pumice · Copper slag

**1 Introduction**

Lightweight concrete (LWC) has been widely used in different structural applications and its consumption grows every year on a global basis. These include a reduction in the dead load of the building, which minimizes the dimensions of structural members the production of lighter in size of the structural members; a reduction in the risk of

V. Praveen Jesuraj (✉)  
SSM Institute of Engineering and Technology, Dindigul, Tamil Nadu, India  
e-mail: praveendream@gmail.com

V. Sreevidya  
Sri Krishna College of Technology, Coimbatore, Tamil Nadu, India

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S. K. Shukla et al. (eds.), *Smart Technologies for Sustainable Development*,  
Lecture Notes in Civil Engineering 78,  
[https://doi.org/10.1007/978-981-15-5001-0\\_26](https://doi.org/10.1007/978-981-15-5001-0_26)

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Springer

Dr V Sreevidya, Assoc. Professor, Dept. of Civil Engineering, published a book chapter on “Experimental Study on Lightweight Concrete with Copper Slag and Pumice Ston, Leca as a Partial Replacement of Aggregates” in Springer Nature Publication.

## CSE | PAPER PUBLICATIONS

**Dynamic Resource Aware Scheduling Schemes for IEEE 802.16 Broadband Wireless Networks**

M. Deva Priya<sup>1</sup>(✉), A. Christy Jeba Malar<sup>2</sup>, S. Sam Peter<sup>1</sup>, G. Sandhya<sup>1</sup>,  
L. R. Vishnu Varthan<sup>1</sup>, and R. Vignesh<sup>1</sup>

<sup>1</sup> Department of Computer Science & Engineering, Sri Krishna College of Technology,  
Coimbatore, Tamil Nadu, India  
{m.devapriya, sampeter.s, sandhya.g, 18tucs253,  
18tucs248}@skot.edu.in

<sup>2</sup> Department of Information Technology, Sri Krishna College of Technology, Coimbatore,  
Tamil Nadu, India  
a.christyjebamalar@skot.edu.in

**Abstract.** The scheduling algorithms for IEEE 802.16 standard are designed with the predominant goals of throughput optimization, ensuring fairness and Quality of Service (QoS) provisioning. In this work, enhancements are proposed to the existing Weighted Fair Queuing (WFQ) and Deficit Weighted Round Robin (DWRR) scheduling algorithms to efficiently utilize the unused units. In WFQ, additional units may be assigned to a queue, thus reducing the service rate. Instead in Enhanced WFQ (EWFQ), multiple queues are served in a round by effectively utilizing the unexploited units. In DWRR, a queue is not serviced if the size of the packet at the front of the queue exceeds the available quantum. Enhanced DWRR (EDWRR) checks for packets with sizes less than the Deficit Counter (DC), sorts the queue and services a smaller packet in the current round. Further, if the queue that is currently served becomes empty, the DC is transferred to the ensuing active queue instead of making it zero. This helps in servicing more number of packets in a round. The proposed scheduling schemes are proficient in servicing specific traffic flows.

**Keywords:** WiMAX - Scheduling - WFQ - DWRR

Ms Deva Priya M, Ms Christy Jeba Malar A, Mr Sam Peter S, Ms Sandhya G, Mr Vishnu Varthan L R and Mr Vignesh R from the Dept. of Computer Science & Engineering, published a paper on “**Dynamic Resource Aware Scheduling Schemes for IEEE 802.16 Broadband Wireless Networks**” in the 4th International Conference on Advanced Computing and Intelligent Engineering (ICACIE) organised by Rama Devi Women's University, Vidya Vihar, Bhubaneswar during 21-23 December 2019.

# **PROPOSAL SUBMITTED**

# **PROJECT PROPOSAL**



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## IT | PROPOSAL SUBMITTED

Department of Science &amp; Technology

**Subject:** Acknowledgement of Online Project Submission & Temporary Registration No.

Dear Dr. Jeyabharathi D

**Online Project Management System**onlinedst.gov.in | Email: [pms0.dst@nic.in](mailto:pms0.dst@nic.in)

This is to acknowledge the online submission of your project proposal entitled **Sensor based Smart Milk Quality Measurement System** testing the proposal submission.

You can track the status of your proposal quoting the reference as given below:

Temporary Registration Number : **TPN / 57688**

You will be receiving a File Number shortly.

Please mention **TEMPORARY REGISTRATION NUMBER** and **TITLE OF THE PROJECT** in all future correspondence with DST, till you receive the File Number. You can access this project account at <http://onlinedst.gov.in/> using the Principal Investigator (PI) username and password.

Regards  
Administrator  
e-PMS



विज्ञान एवं प्रौद्योगिकी विभाग  
DEPARTMENT OF  
**SCIENCE & TECHNOLOGY**

This is an auto generated mail. Please do not reply

Dr D Jeyabharathi, Ms S Madumidha and Ms K Sindhumeena, Asst. Professors, Dept. of IT, submitted a proposal on “**Sensor Based Smart Milk Quality Measurement System**” (TPN / 57688) to Device Development Programme, DST on 11 November 2020.

# **NEW VJSTAS OF LEARNING**



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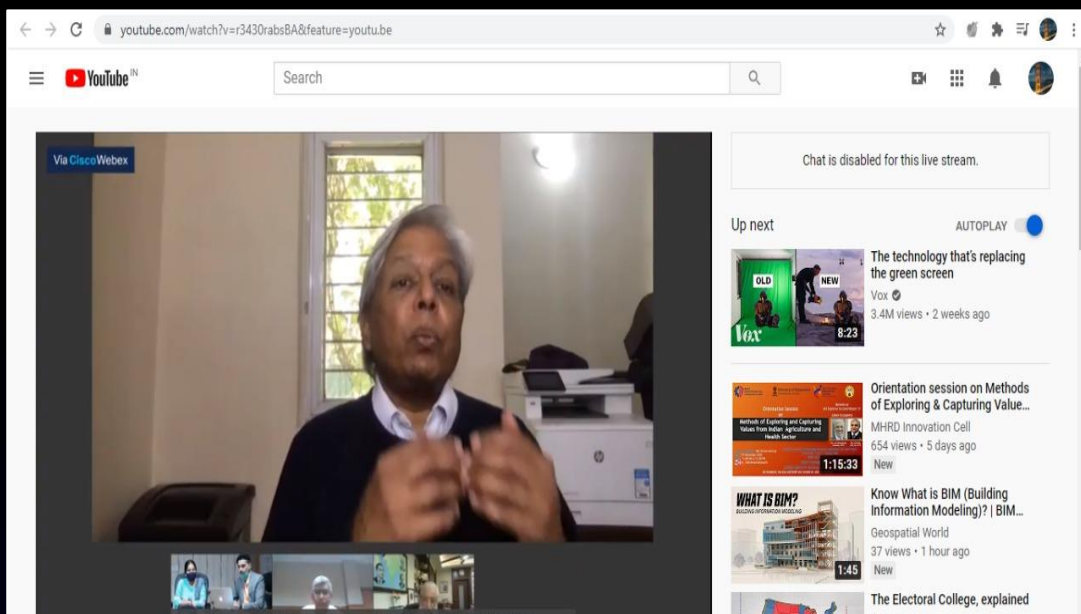
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# CIVIL | WEBINAR ON DESIGNING DRUGS FOR CORONAVIRUS



COVID-19  
Get the latest information from



## Webinar on “Designing Drugs for Corona Virus”



*Prof. K. VijayRaghavan*  
(Principal Scientific Adviser to the Government of India)

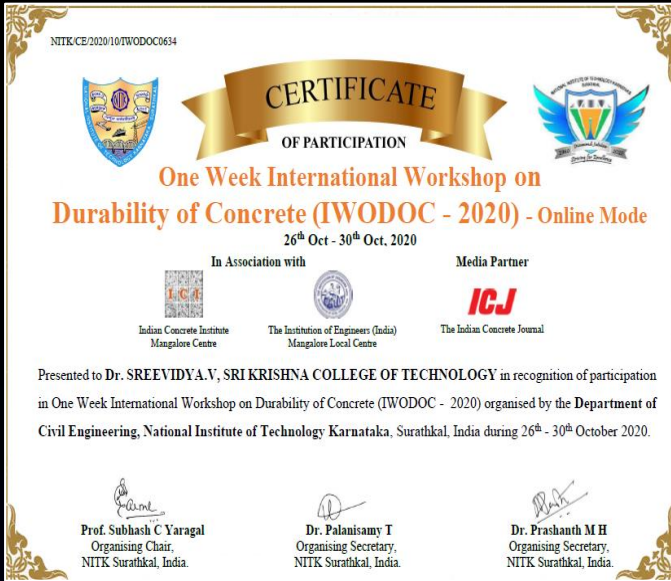


*Dr. Anil Sahasrabudhe*  
(Chairman, AICTE)

Live on **YouTube** MHRDIInnovationCell  
November 12, 2020 at 12:00 P.M

The Members of Faculty from the Dept. of Civil Engineering attended a webinar on “**Designing Drugs for Corona Virus**” organised by MHRD Innovation Cell on 12 November 2020.

## CIVIL | WORKSHOP ON DURABILITY OF CONCRETE



Dr V Sreevidya, Assoc. Professor, Dept. of Civil Engineering, attended a One-week International Webinar on “Durability of Concrete” organised by NITK Surathkal during 26-30 October 2020.

## CIVIL | WEBINAR ON BASICS OF STRUCTURAL DESIGN

Mr R Ramesh, Asst. Professor, Dept. of Civil Engineering, attended a webinar on “Basics of Structural Design” organised by Jyothi Engineering College and ICI Concrete Institute on 27 October 2020.





# **FDPs ATTENDED**



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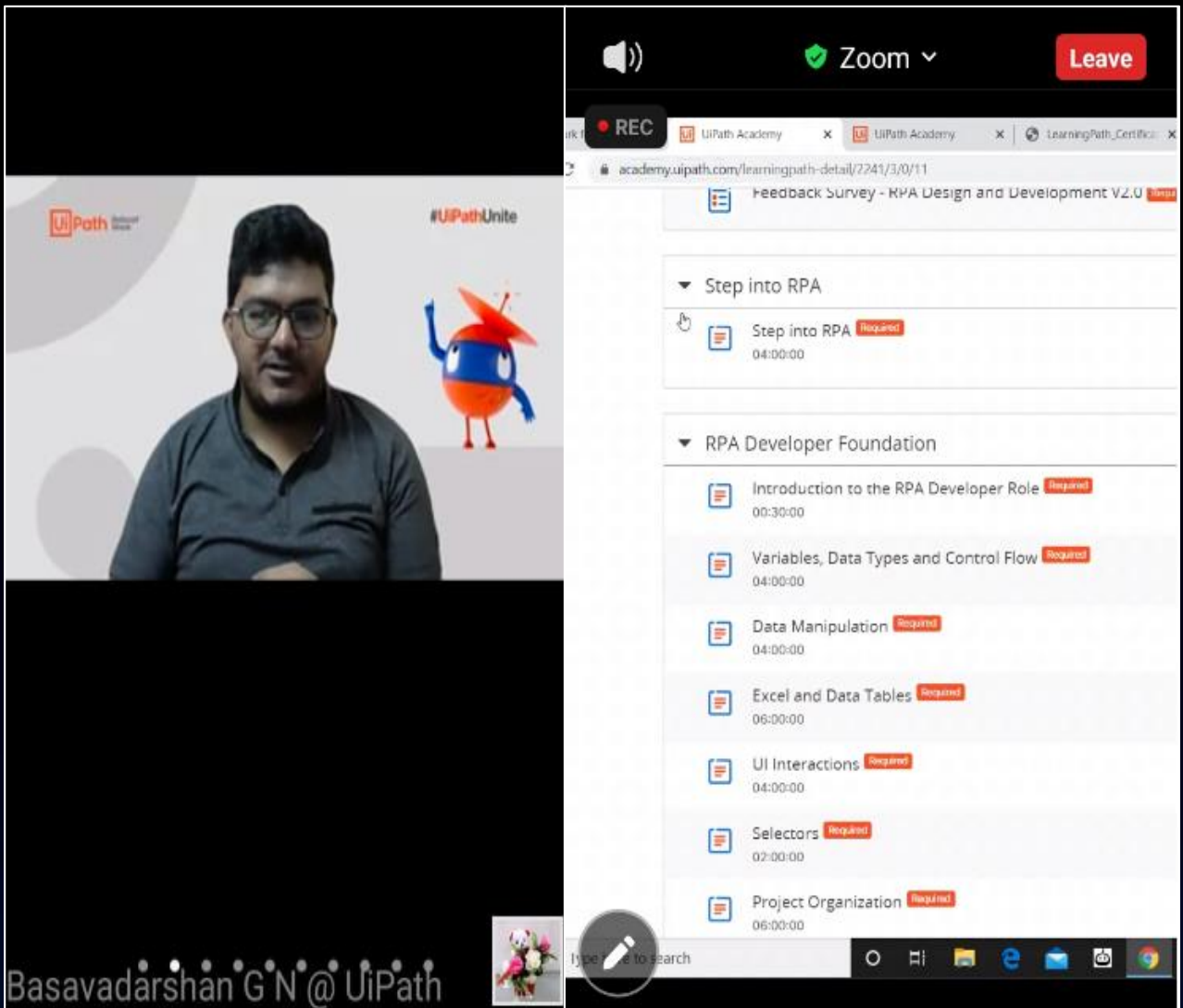
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## IT | FDP ON VIRTUAL EDUCATOR READINESS - RPA DESIGN & DEVELOPMENT



The screenshot shows a Zoom meeting interface. On the left, a video feed displays a man with glasses and a dark shirt, with the Uipath logo and a cartoon character in the background. The text 'Basavadarshan G N @ Uipath' is visible at the bottom of the video feed. On the right, the Zoom control bar shows a microphone icon, the Zoom logo, and a 'Leave' button. Below the control bar, a browser window displays the Uipath Academy website. The browser address bar shows 'academy.uipath.com/learningpath-detail/2241/3/0/11'. The page content includes a 'Feedback Survey - RPA Design and Development V2.0' link, a 'Step into RPA' section with a 'Required' tag and a 04:00:00 duration, and an 'RPA Developer Foundation' section with several required modules and their durations: 'Introduction to the RPA Developer Role' (00:30:00), 'Variables, Data Types and Control Flow' (04:00:00), 'Data Manipulation' (04:00:00), 'Excel and Data Tables' (06:00:00), 'UI Interactions' (04:00:00), 'Selectors' (02:00:00), and 'Project Organization' (06:00:00). A search bar is visible at the bottom of the browser window.

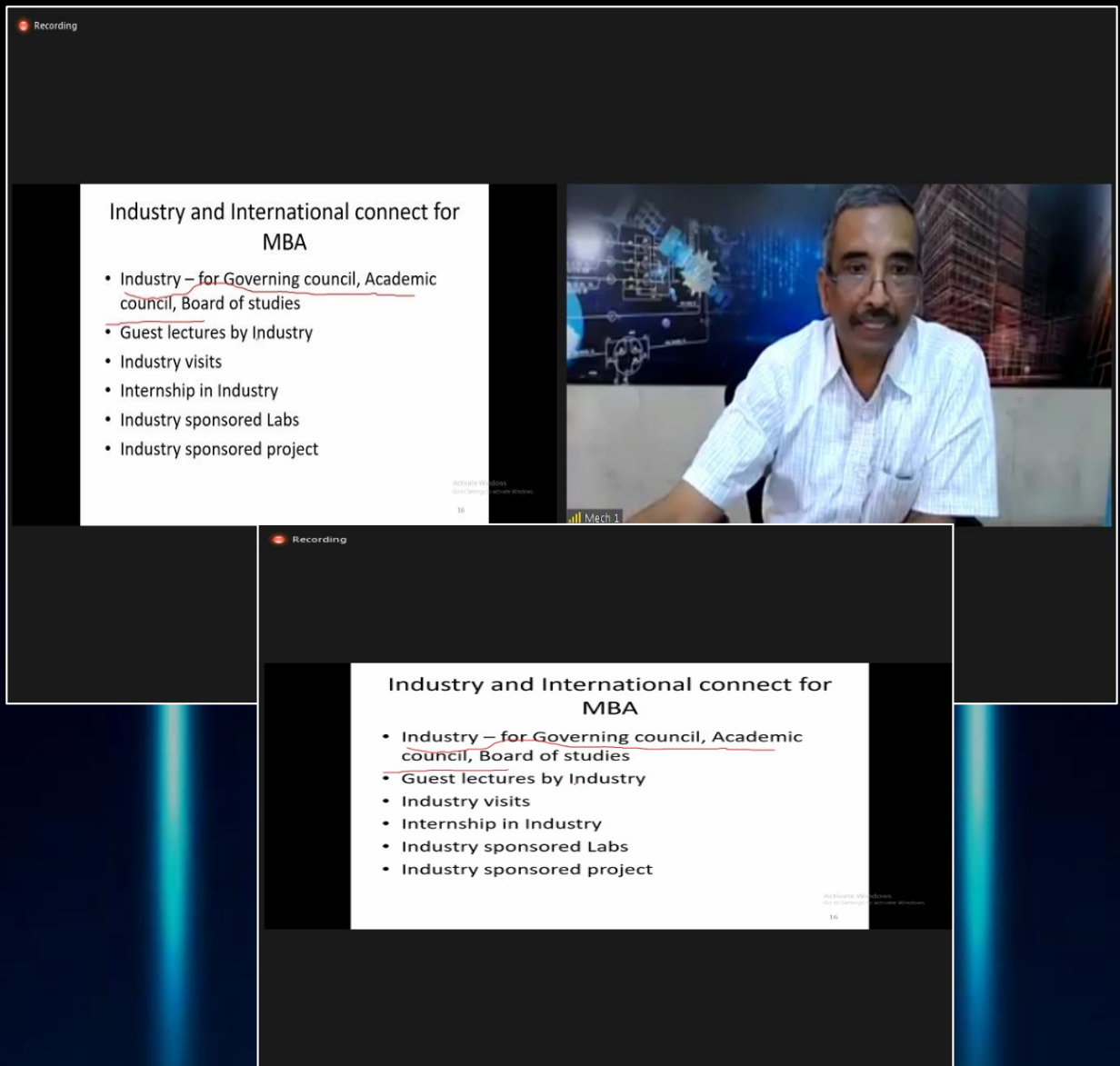
Dr R Suganya and Dr D Jeyabharathi, Asst. Professors, Dept. of IT, have been attending a Ten-day Faculty Development Programme on “Virtual Educator Readiness - RPA Design & Development” organised by UiPath Academic Alliance during 18-27 November 2020.

## SoM | WORKSHOP ON APPLICATIONS OF ANALYTICS IN BUSINESS



Ms P Geetha, Asst. Professor, SoM, attended a Five-day Workshop on “Applications of Analytics in Business” organised by the Dept. of MBA, SJB Institute of Technology, Bengaluru during 09-13 November 2020.

## SoM| FDP ON DELIVERING OUTCOME BASED EDUCATION



The image shows a video recording of a presentation. The main slide is titled "Industry and International connect for MBA" and lists several bullet points. A speaker, Dr. R. Prabusankar, is visible in a video window on the right side of the slide. The slide content is as follows:

Industry and International connect for MBA

- Industry – for Governing council, Academic council, Board of studies
- Guest lectures by Industry
- Industry visits
- Internship in Industry
- Industry sponsored Labs
- Industry sponsored project

The speaker is a man with glasses and a mustache, wearing a light blue shirt. The background behind him shows a cityscape and a diagram. The video recording interface includes a "Recording" indicator in the top left corner and a "Mech 1" label in the bottom right corner of the video window.

Dr R Prabusankar, Professor, SoM, attended the AICTE sponsored FDP on “**Delivering Outcome Based Education (OBE)**”, organised by Saintgits Institute of Management during 16-17 November 2020.

## ICE | ATAL FDP ON "ROBOTICS"



Mr. Rajesh R, Asst. Prof. Dept. of ICE participated in AICTE ATAL FDP on "Robotics" at Motilal Nehru National Institute of Technology, Allahabad, from 02 Nov 2020 to 06 Nov 2020.

## ICE| STTP ON FUTURISTIC APPLICATIONS AND RESEARCH OPPORTUNITIES OF NANO-ELECTRONICS IN BIOSCIENCE

Dr M Karthigai Pandian, Asso. Prof. Dept. of ICE participated in AICTE sponsored STTP on “Futuristic applications and research opportunities of nanoelectronics in bioscience” at Satyabama Institute of Science and Technology, Chennai, from 09 Nov 2020 to 14 Nov 2020.



## ICE| STTP ON DIGITAL TWIN TECHNOLOGY FOR INDUSTRIAL AUTOMATION PROCESS

Mr. Dilip Kumar S, Asso. Prof.

Dept. of ICE participated in AICTE sponsored STTP on “Digital Twin Technology for Industrial Automation Process” at Satyabama Institute of Science and Technology, Chennai, from 02 Nov 2020 to 07 Nov 2020.



# **EVENTS ORGANISED**



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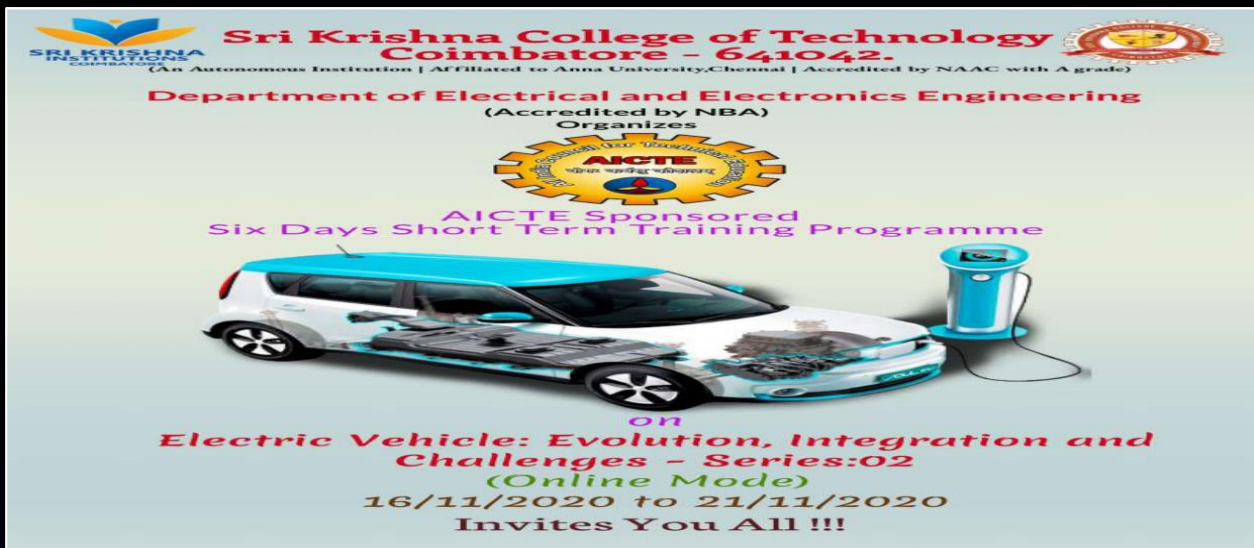
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**EEE | AICTE SPONSORED STTP (SERIES:02)  
 ORGANISED ON ELECTRIC VEHICLE: EVOLUTION,  
 INTEGRATION AND CHALLENGES**



**Sri Krishna College of Technology**  
 Coimbatore - 641042.  
 (An Autonomous Institution | Affiliated to Anna University, Chennai | Accredited by NAAC with A grade)

**Department of Electrical and Electronics Engineering**  
 (Accredited by NBA)  
 Organizes

**AICTE**  
 Sponsored

**Six Days Short Term Training Programme**

**on**  
**Electric Vehicle: Evolution, Integration and**  
**Challenges - Series:02**  
 (Online Mode)  
 16/11/2020 to 21/11/2020  
 Invites You All !!!

**Speakers of the Sessions**



Dr. Albert Alexender,  
 Associate Professor/EEE, Kongu  
 Engineering College, Erode.



Dr. Umashankar Subramaniam,  
 Prince Sultan University, Riyadh,  
 Saudi Arabia.



Dr. C. Christopher Asir Rajan,  
 Professor, Department of EEE,  
 Pondicherry Engineering College,  
 Pondicherry.



Dr. C. Bharatiraja,  
 Associate Professor,  
 Department of EEE,  
 SRM Institute of Science and  
 Technology, Chennai.



Dr. M. Selvaraju  
 Senior Director, Data Analyst,  
 ACT Government, Canberra,  
 Australia.



Dr. Gunasekaran Thangavel,  
 Program Director, University of  
 Technology and Applied Sciences,  
 Oman

**Speakers of the Sessions**



Mr. Deepak Rathinam,  
 Delivery Manager, Robert Bosch  
 Engineering and Business  
 Solutions Pvt. Ltd., Coimbatore.



Mr. Yogananth Gopalakrishnan,  
 Head-Incubation & Programs,  
 ARTILAB Foundation, Bangalore.



Mr. Arun Shankar,  
 Research and Development,  
 Danfoss A/S Drives,  
 Chennai.



Dr. Hina Fathima,  
 Lead Engineer, Ford Motor  
 Company, Chennai.




Dr. S. Karthikrajan,  
 Research Advisor - Product Development,  
 Revoltax India Pvt Ltd.  
 Chennai.

The Dept. of EEE organised the AICTE sponsored Six-day STTP (Series: 02) on “Electric Vehicle: Evolution, Integration, and Challenges” during 16-21 November 2020.



**EEE | AICTE SPONSORED STTP (SERIES: 02)  
ORGANISED ON ELECTRIC VEHICLE: EVOLUTION,  
INTEGRATION AND CHALLENGES**



**Sri Krishna College of Technology**  
Coimbatore - 641042.  
(An Autonomous Institution | Affiliated to Anna University, Chennai | Accredited by NAAC with A grade)

**Department of Electrical and Electronics Engineering**  
(Accredited by NBA)

Cordially Invites you for the Inauguration Ceremony of



AICTE Sponsored  
Six Days Short Term Training Programme  
on

**Electric Vehicle: Evolution, Integration, and  
Challenges - Series:02**

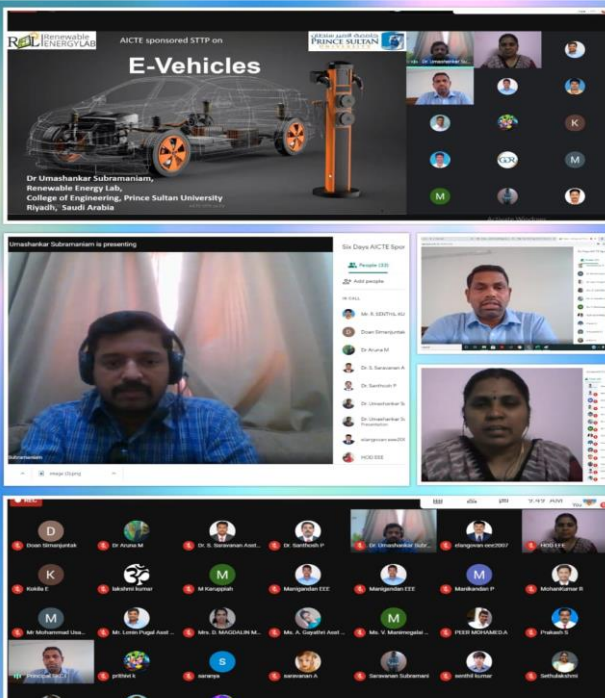
Chief Guest

**Dr. Umashankar Subramaniam**  
Department of Communications and  
Networks Renewable Energy Lab,  
Prince Sultan University,  
Riyadh, Saudi Arabia.

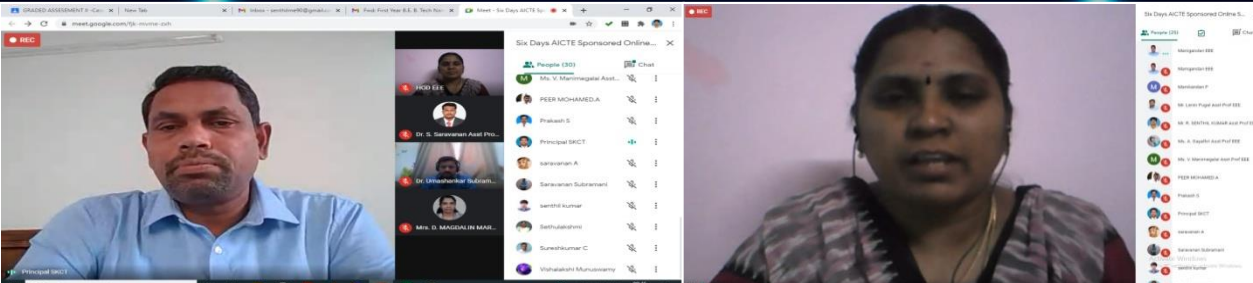
16/11/2020  
09:30 AM

Presided by  
**Dr. Srinivasan Alavandar, M.E, Ph.D.**  
Principal, SKCT

Convener: **Dr.K.Lakshmi, M.E, Ph.D.** Professor and Head/EEE, SKCT  
Coordinators: **Dr.S.Saravanan, Mr.R.Senthil Kumar, Mr.P.Leninpugalhanti,**  
Asst. Professor/EEE, SKCT

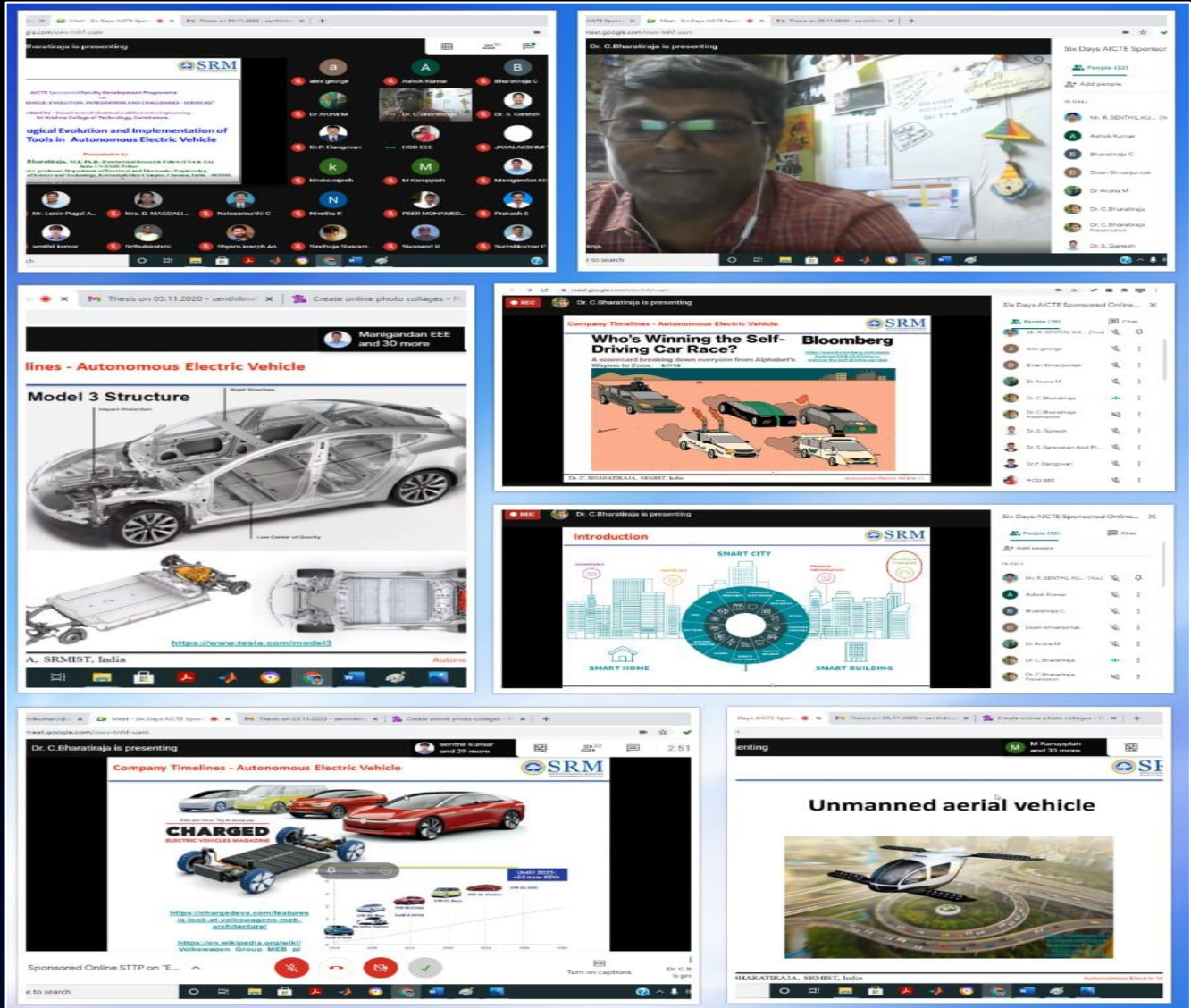
The screenshot shows a Google Meet interface. The main window displays a presentation slide titled "AICTE sponsored STTP on E-Vehicles" featuring a 3D model of an electric vehicle chassis. The slide credits Dr. Umashankar Subramaniam, Renewable Energy Lab, College of Engineering, Prince Sultan University, Riyadh, Saudi Arabia. The interface includes a grid of participants' video thumbnails, a chat window on the right, and a list of participants at the bottom.



This screenshot shows a close-up view of a participant in a Google Meet session. The participant is a woman with dark hair, wearing a patterned top. The background is a plain wall. The interface elements like the chat window and participant list are visible on the right side of the screen.

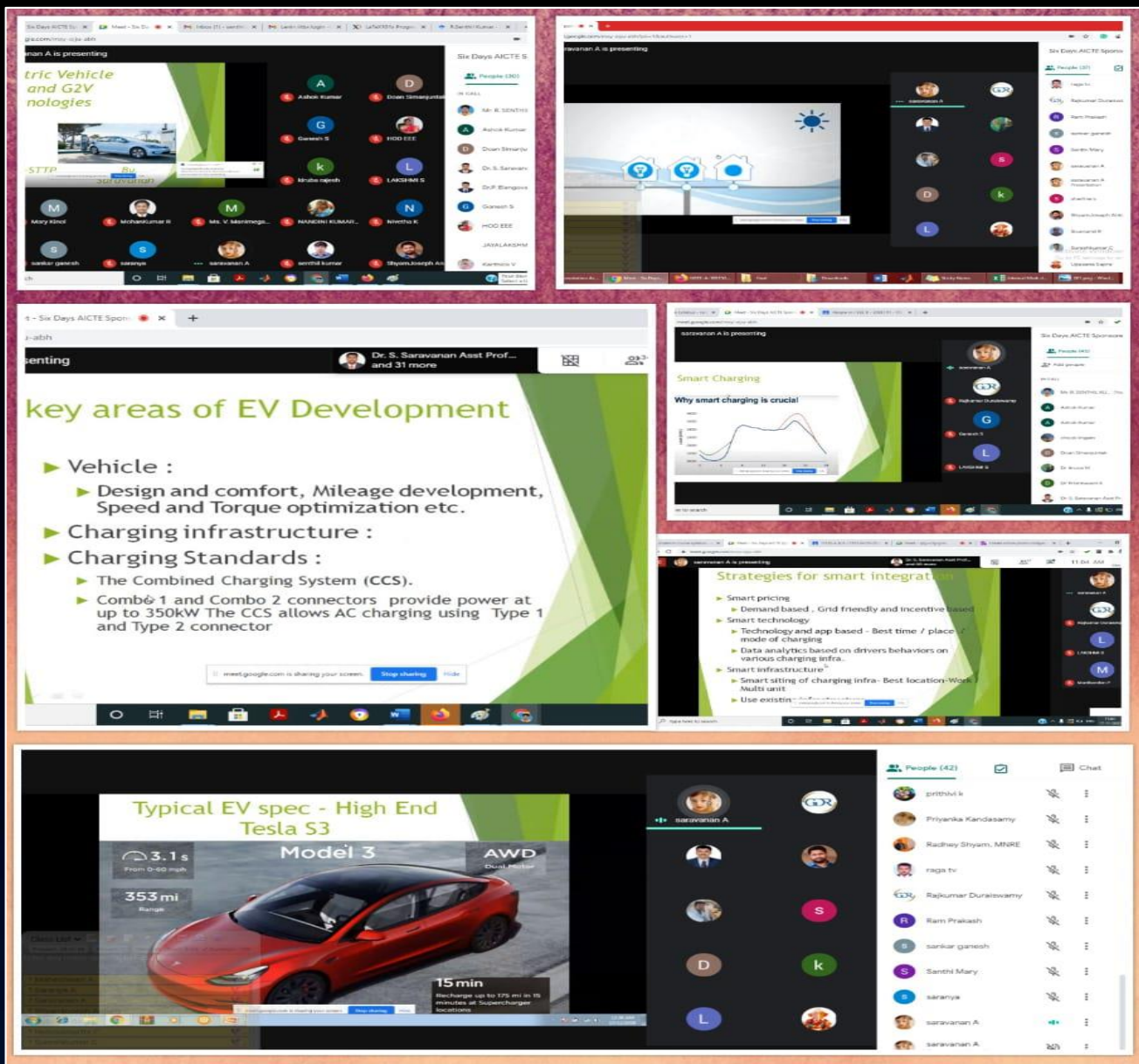
The Dept. of EEE organised the AICTE sponsored STTP (Series: 02) on “Electric Vehicle: Evolution, Integration, and Challenges” facilitated by Dr Srinivasan Alavandar, Principal, SKCT and Dr Umashankar Subramaniam, Assoc. Professor, Dept. of Communications and Networks Renewable Energy Lab, Prince Sultan University, Saudi Arabia on 16 November 2020.

**EEE | AICTE SPONSORED STTP (SERIES: 02)  
ORGANISED ON ELECTRIC VEHICLE: EVOLUTION,  
INTEGRATION AND CHALLENGES**



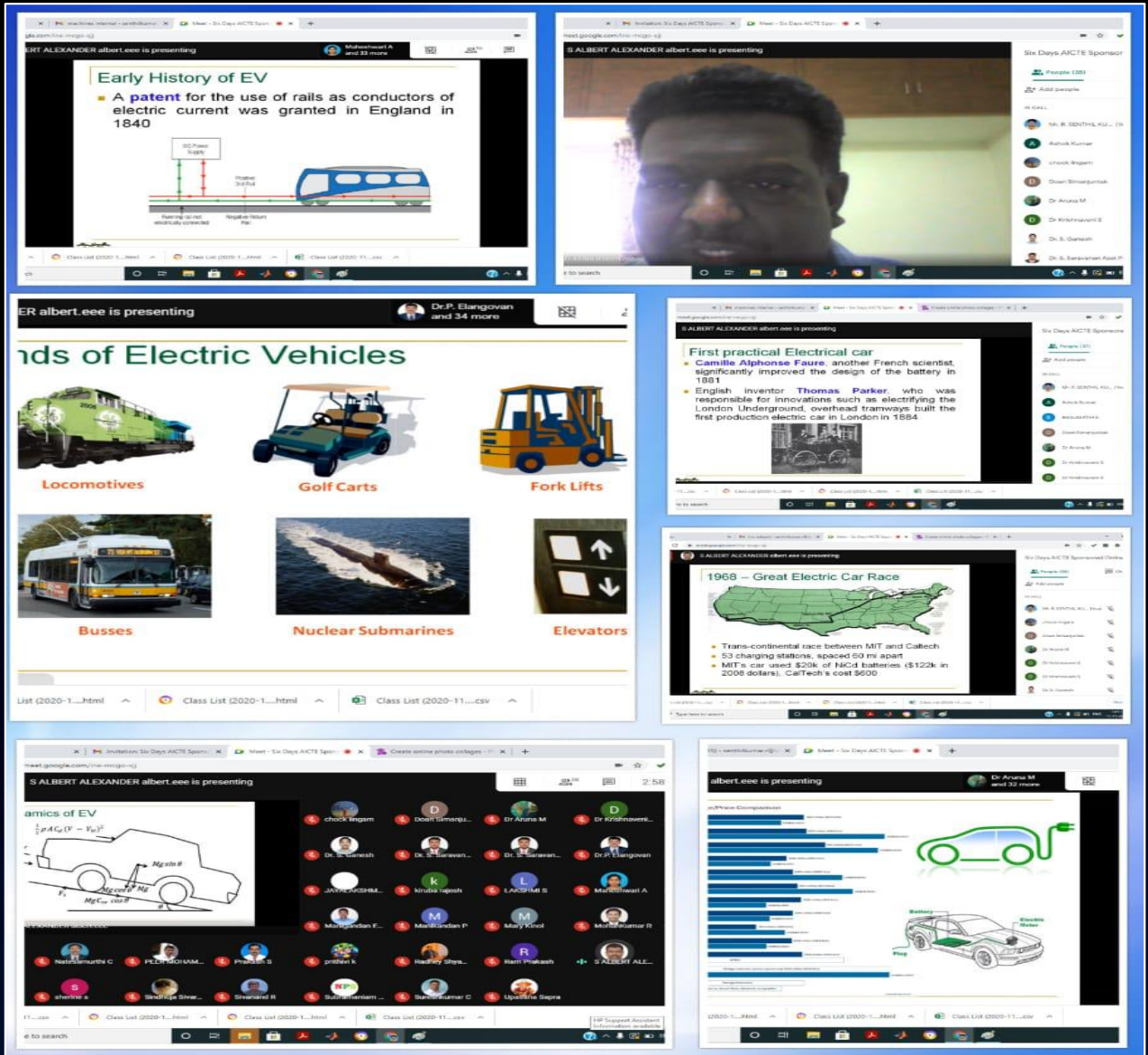
The Dept. of EEE organised the AICTE sponsored STTP (Series: 02) on “Electric Vehicle: Evolution, Integration, and Challenges” facilitated by Dr C Bharathiraja, Assoc. Professor, Dept. of Electrical and Electronics Engineering, SRM Institute of Science and Technology, Chennai on 16 November 2020.

**EEE | AICTE SPONSORED STTP PROGRAM (SERIES: 02)  
ORGANISED ON ELECTRIC VEHICLE: EVOLUTION,  
INTEGRATION AND CHALLENGES**



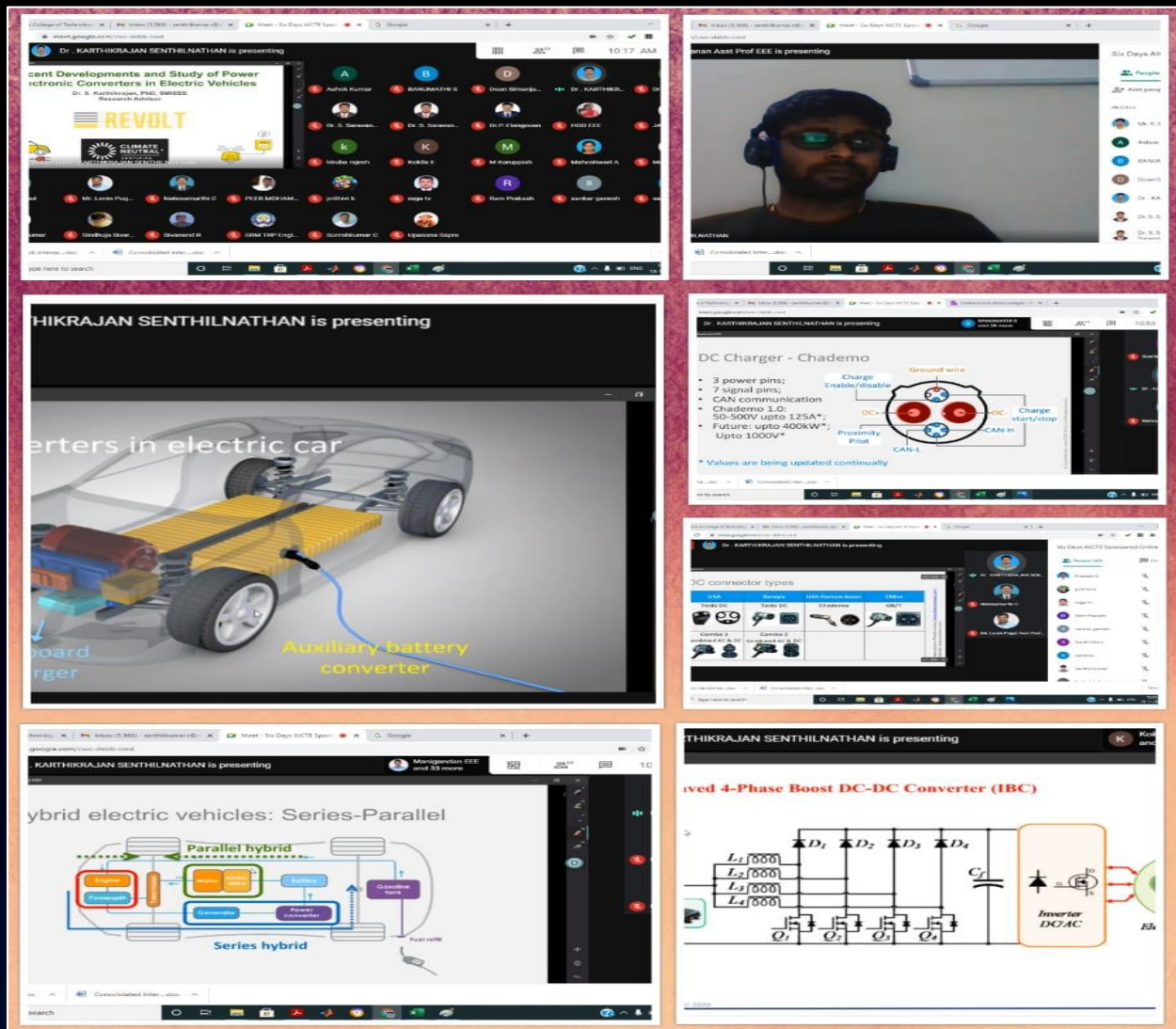
The Dept. of EEE organised the AICTE sponsored STTP (Series: 02) on “Electric Vehicle: Evolution, Integration, and Challenges” facilitated by Mr A Saravanan, Lead Power System Engineer, ABB, Bangalore on 17 November 2020.

**EEE | AICTE SPONSORED STTP (SERIES: 02)  
ORGANISED ON ELECTRIC VEHICLE: EVOLUTION,  
INTEGRATION AND CHALLENGES**



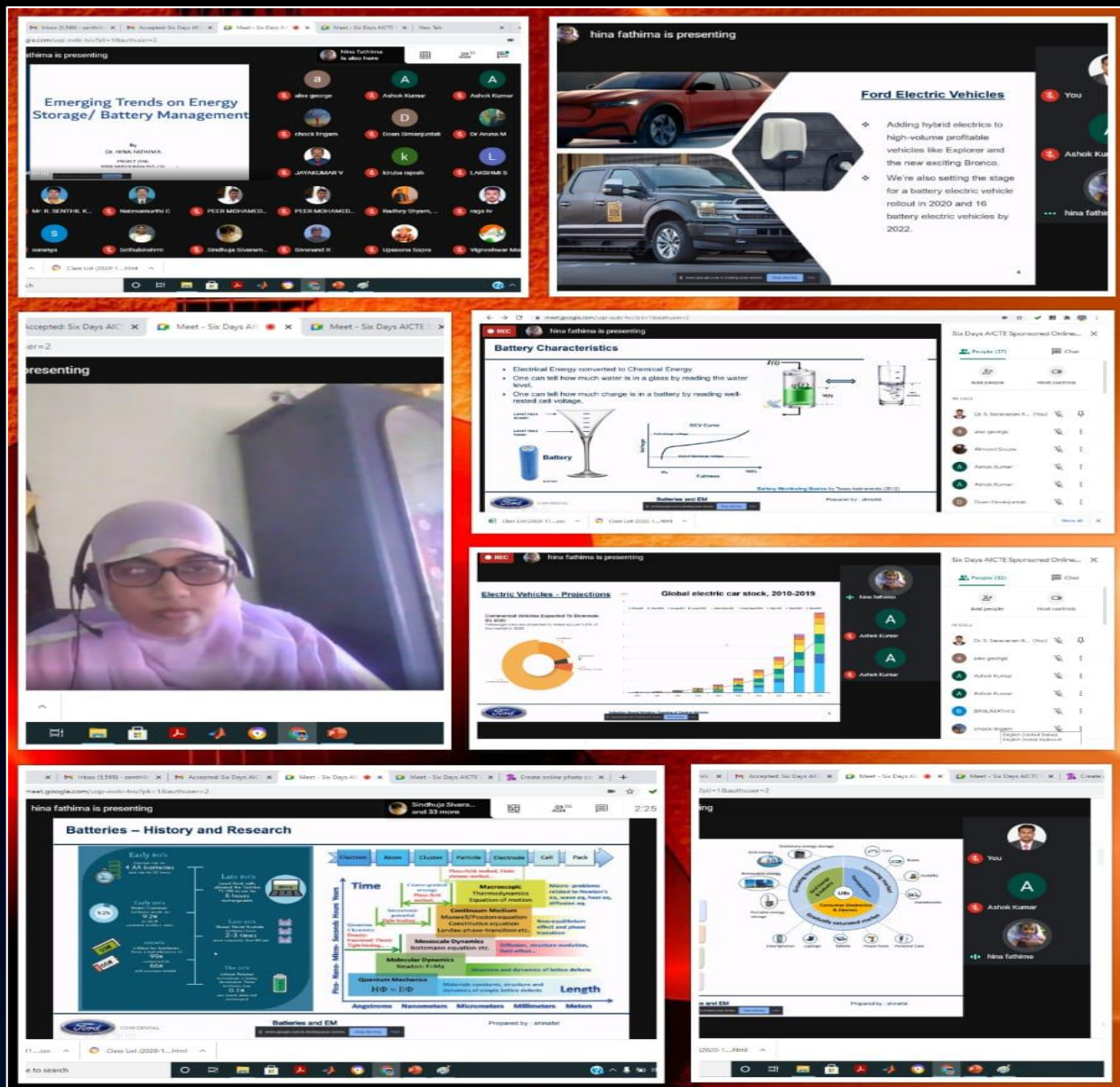
The Dept. of EEE organised the AICTE sponsored STTP (Series: 02) on “Electric Vehicle: Evolution, Integration, and Challenges” facilitated by Dr Albert Alexander, Assoc. Professor, Dept. of EEE, Kongu Engineering College, Erode on 17 November 2020.

**EEE | AICTE SPONSORED STTP (SERIES: 02)  
ORGANISED ON ELECTRIC VEHICLE: EVOLUTION,  
INTEGRATION AND CHALLENGES**



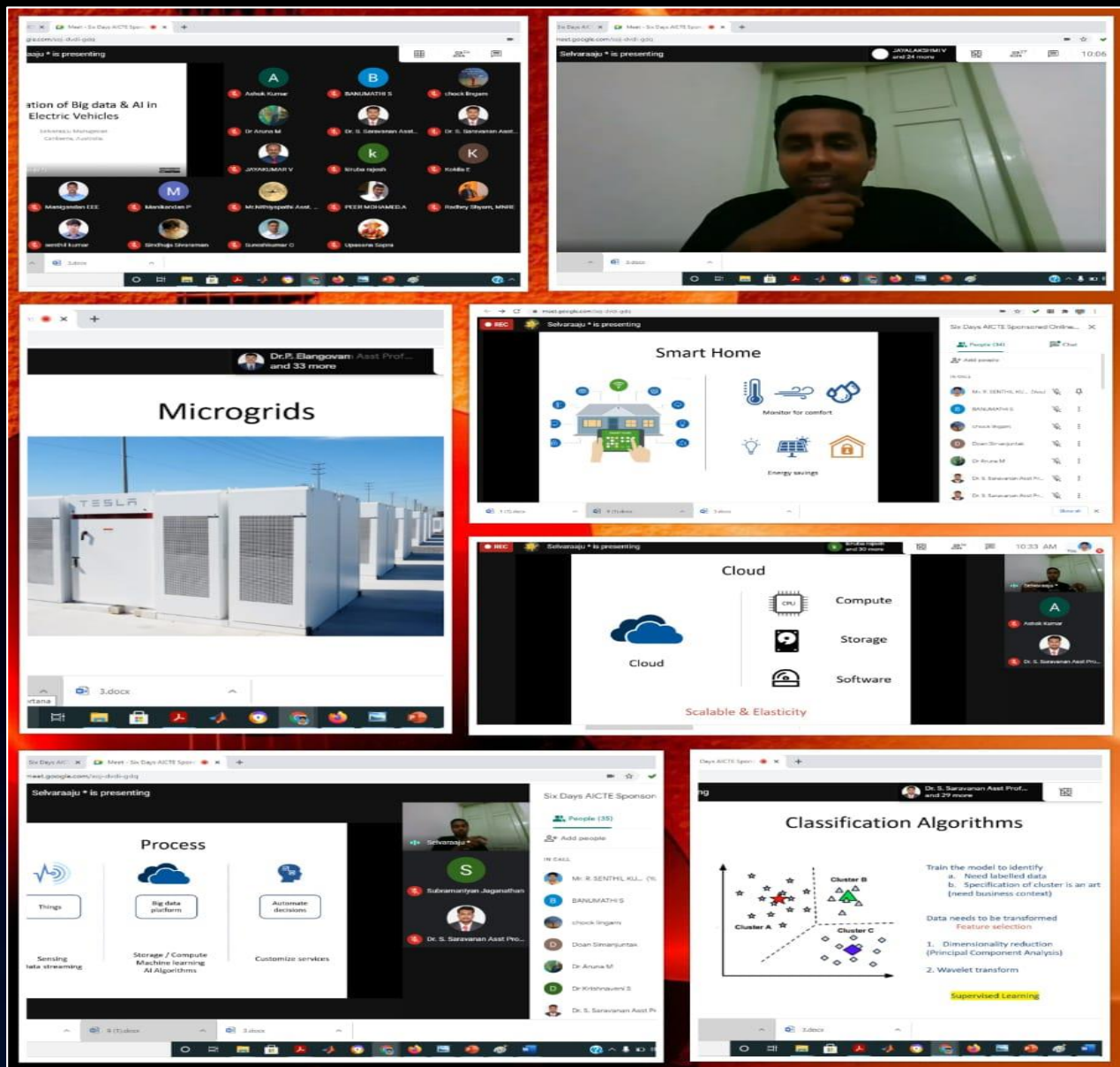
The Dept. of EEE organised the AICTE sponsored STTP (Series: 02) on “Electric Vehicle: Evolution, Integration, and Challenges” facilitated by Dr S Karthikrajan, Research Advisor - Product Development, Revoltax India Pvt. Ltd., Chennai on 18 November 2020.

EEE | AICTE SPONSORED STTP (SERIES: 02)  
ORGANISED ON ELECTRIC VEHICLE: EVOLUTION,  
INTEGRATION AND CHALLENGES



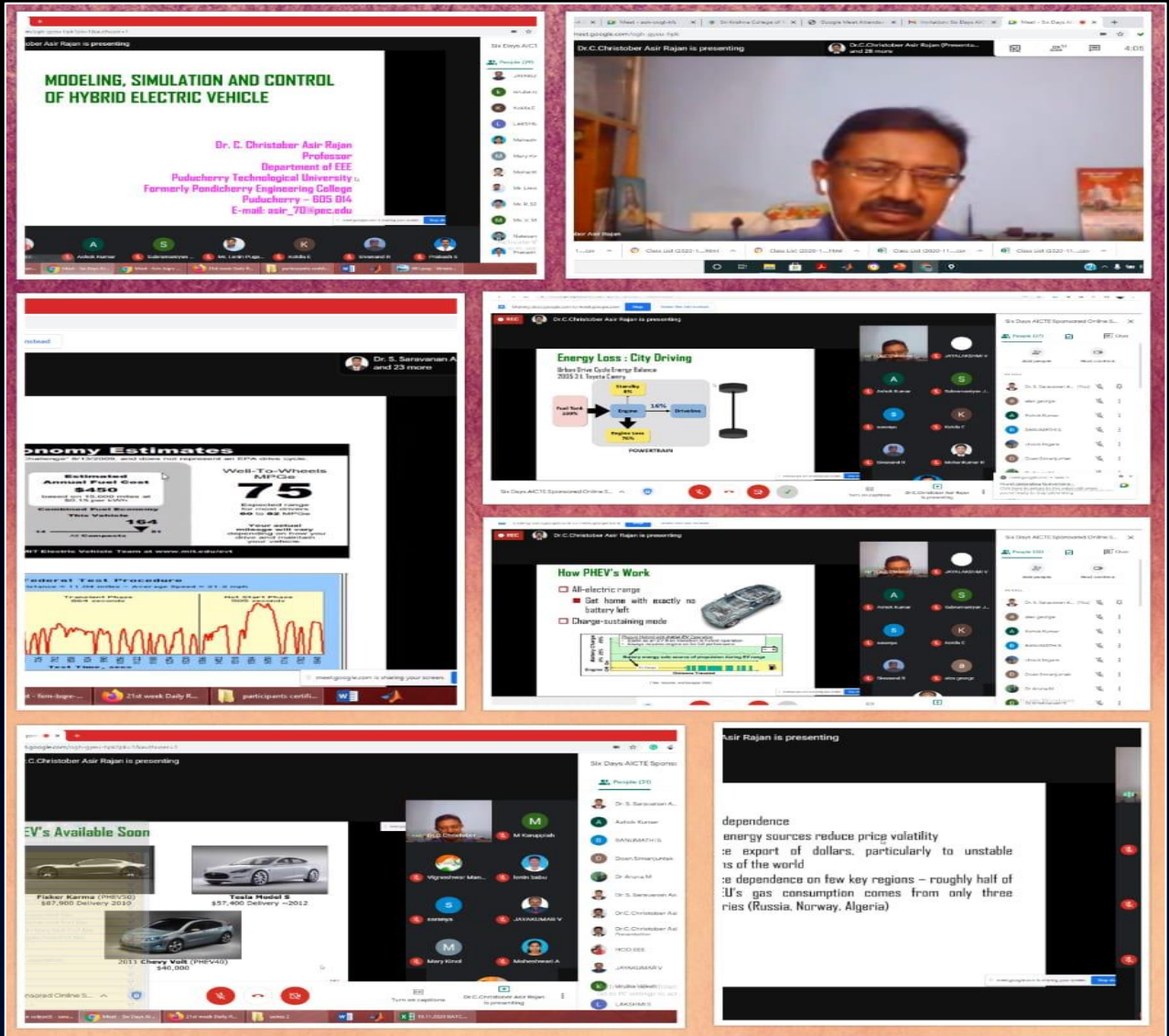
The Dept. of EEE organised the AICTE sponsored STTP (Series: 02) on “Electric Vehicle: Evolution, Integration, and Challenges” facilitated by Dr Hina Fathima, Lead Engineer, Ford Motor Company, Chennai on 18 November 2020.

**EEE | AICTE SPONSORED STTP (SERIES: 02)  
ORGANISED ON ELECTRIC VEHICLE: EVOLUTION,  
INTEGRATION AND CHALLENGES**



The Dept. of EEE organised the AICTE sponsored STTP (Series: 02) on “Electric Vehicle: Evolution, Integration, and Challenges” facilitated by Dr M Selvaraaju, Senior Director, Data Analyst, ACT Government, Canberra, Australia on 19 November 2020.

**EEE | AICTE SPONSORED STTP (SERIES: 02) ORGANISED ON ELECTRIC VEHICLE: EVOLUTION, INTEGRATION AND CHALLENGES**



The Dept. of EEE organised the AICTE sponsored STTP (Series: 02) on “Electric Vehicle: Evolution, Integration, and Challenges” facilitated by Dr C Christopher Asir Rajan, Professor, Dept. of Electrical and Electronics Engineering, Pondicherry Engineering College, Pondicherry on 19 November 2020.



## ICE | STTP ON CHALLENGES AND OPPORTUNITIES IN ELECTRIC VEHICLE TECHNOLOGY ADOPTION



**Battery Technologies for a common man**

Conventional Batteries  
Lead-acid, NiCd, Ni-MH

Remove water → Lithium-ion batteries  
Li-ion, Li-polymer, Li-metal  
Li-S, Solid-state Li batteries

Add Temperature ↓ Separate Power

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**Driving range of EV in India: A + ve sign**

Own view (150-200 range)

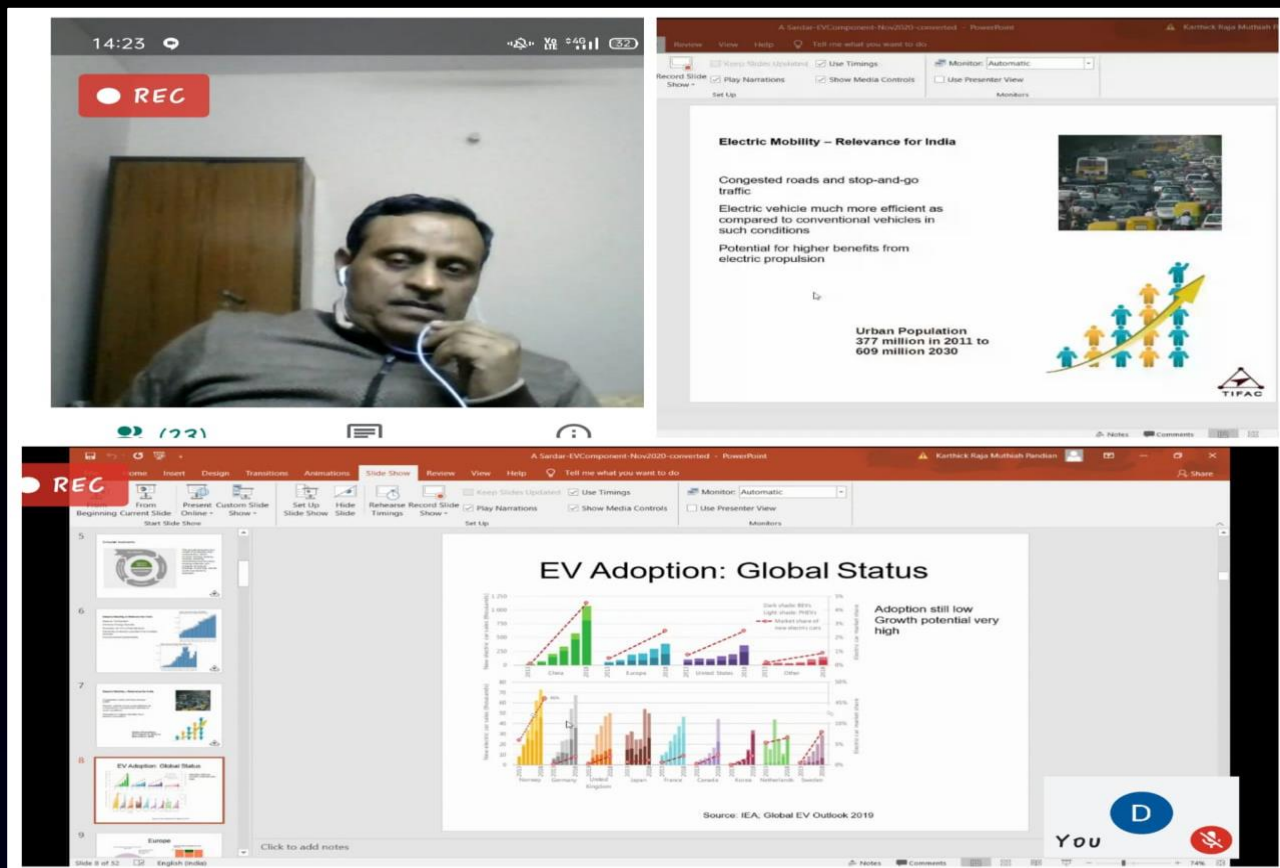
29 % (US, survey in 2016) → Willing to pay for high Cost

56 % (US, survey in 2016) → Not willing to pay for current vehicle Cost

- Long range transport
- Low-cost transport
- High utilization transport

AICTE AQIS sponsored STTP on “Challenges and Opportunities in Electric Vehicle Technology Adoption”(Series 1) has been organized by the Dept. ICE from 16.11.2020 to 21.11.2020. Dr M Karthigai Pandian, Asso. Prof and Mr K Saravanakumar, Asst. Prof are the program coordinators. Day 1, Session 1 of the STTP was handled by Dr Sagar Mithra, Dept. of Energy Science and Engineering, Indian Institute of Technology Bombay on the topic “**Lithium Ion Battery for Electric Vehicles**” on 16.11.2020.

## ICE | STTP ON CHALLENGES AND OPPORTUNITIES IN ELECTRIC VEHICLE TECHNOLOGY ADOPTION



AICTE AQIS sponsored STTP on “Challenges and Opportunities in Electric Vehicle Technology Adoption”(Series 1) has been organized by the Dept. ICE from 16.11.2020 to 21.11.2020. Dr M Karthigai Pandian, Asso. Prof and Mr K Saravanakumar, Asst. Prof are the program coordinators. Day 1, Session 2 of the STTP was handled by Mr Argya Sardhar, Scientist F and Head, Technology Foresight for Automotive R&D (TFAR) at TIFAC, Delhi on the topic “**Electric Vehicle component choices - Future Scenarios from Resource Efficiency Perspective**” on 16.11.2020.

# ICE | STTP ON CHALLENGES AND OPPORTUNITIES IN ELECTRIC VEHICLE TECHNOLOGY ADOPTION

## Comparison of Solar powered EV and Conventional EV

Solar powered electric vehicle using BLDC drive	Conventional electric vehicle
solar power directly to the motor when the car is running, or recharge batteries while the car is at a stand still. Continuously running in day time.	Charging time is high (4- 5 hours).Full charged battery operated vehicle running time only for (2 hours)
Batteries will be operated at a higher State Of Charge, battery life time also increased	Depth of Discharge (DOD) was affected battery life time.
BLDC motor less maintenance	Brushes of DC motor maintenance

## Specification

Passenger Capacity	2
Overall Dimensions (mm)	3350*1220*1900
Range KM(full loading at 50km/h on flat road)	60 km
Max Speed (Km/h)	35 km/h
Minimum Turning Radius(m)	3.7m
Max Climbing Ability (loaded)	20%
Charge Time(h)	3-4h
Wheelbase (mm)	2430mm
Thread(F/R)	860/975
System voltage (V)	48V



## VEHICLE SPECIFICATION

Passenger Capacity	4 Seater
Overall Dimensions (mm)	3350*1220*1900
Full charge maximum distance	70 km (40 +30 km)
Max Speed	40 km/h
Charging time	2-3 hours
Overall weight	400 Kg
Loading capacity	280 Kg
Power Converters	(DC- DC) Converter

## Electric System


Solar Output	Output parameters :31.5 V, 8.5 A, 250 W
Solar Controller	Adaptive Fuzzy logic control MPPT Controller
Battery Charger	48 V, 90Ah
Accelerator	Resistive Type
Power Converter	SiC MOSFET DC-DC Boost Converter (32V to 48V) DC-AC Converter ANPCMLI
Motor	Three Phase BLDC 3KW/48V
Lighting System	2 Head lights / 2 Turn Signal 2 Tail lights (brake signal)



Seyezhai R.

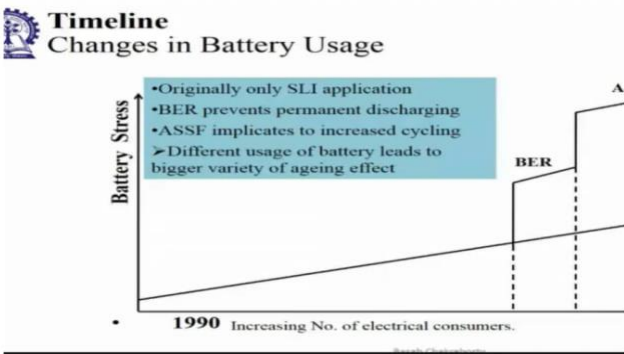
AICTE AQIS sponsored STTP on “Challenges and Opportunities in Electric Vehicle Technology Adoption”(Series 1) has been organized by the Dept. ICE from 16.11.2020 to 21.11.2020. Dr M Karthigai Pandian, Asso. Prof and Mr K Saravanakumar, Asst. Prof are the program coordinators. Day 2, Session 1 of the STTP was handled by Dr R Seyezhai, Asso. Prof, Dept. of EEE, SSN College of Engineering, Chennai on the topic “Design and Fabrication of Solar assisted Electric Vehicle using BLDC drive” on 17.11.2020.

**ICE | STTP ON CHALLENGES AND OPPORTUNITIES IN ELECTRIC VEHICLE TECHNOLOGY ADOPTION**



Basab Chakraborty

**Timeline**  
Changes in Battery Usage



- Originally only SLI application
- BER prevents permanent discharging
- ASSF implicates to increased cycling
- Different usage of battery leads to bigger variety of ageing effect

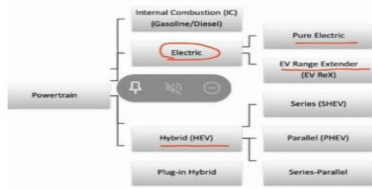
1990 Increasing No. of electrical consumers.



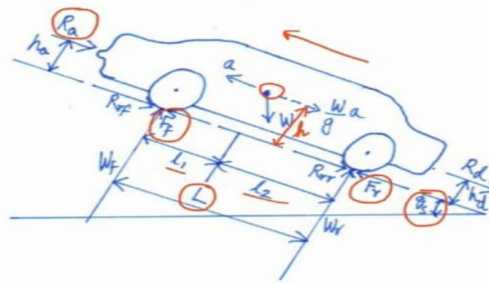
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# ICE | STTP ON CHALLENGES AND OPPORTUNITIES IN ELECTRIC VEHICLE TECHNOLOGY ADOPTION

## Vehicle Powertrains



## Forces Acting on the Vehicle



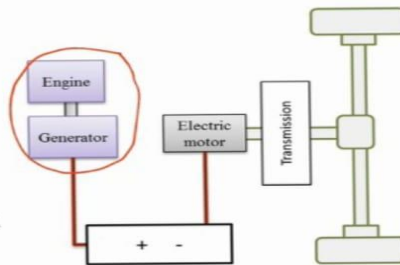
“Loads” – Inertia, aerodynamic drag, grade resistance, rolling resistance.

## EV with Range Extender

Range is improved, recharging time is reduced.

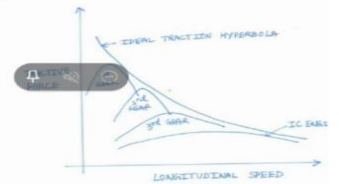
Tail pipe emission is present.

Expensive when compared with a pure EV.



## Issues with IC Engine Powertrain


- Environmental concerns – emissions and pollution.
- Increasing vehicle numbers and availability of fuel.
- Efficiency of vehicle powertrain.
- Larger gap from ideal traction requirements – requires a multispeed gearbox.



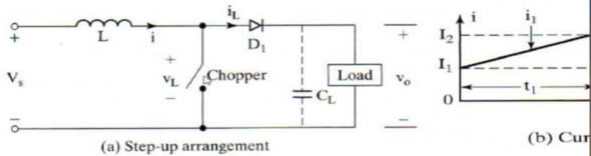
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## ICE | STTP ON CHALLENGES AND OPPORTUNITIES IN ELECTRIC VEHICLE TECHNOLOGY ADOPTION

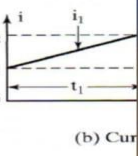
Suppose we control this gate voltage in a way such that the transistor behaves like a switch, which we can turn on or off.



**Principle of Step-up Operation**



(a) Step-up arrangement



(b) Cur

**Schematic diagram of SEPIC converter**

- SEPIC is a category of dc-dc converter that gives the output voltage higher, equal or lower than the input voltage. It is essentially a boost converter followed by a buck-boost converter.
- A SEPIC converter operates in continuous conduction mode if the current through the inductor  $L_1$  never falls to zero. However, if the current through the inductor  $L_1$  is allowed to decrease to the zero value it is said to be operated in discontinuous conduction mode.
- For an ideal SEPIC converter, the relationship between input and output

$$\frac{V_o}{V_d} = \frac{d}{1-d}$$

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# ICE | STTP ON CHALLENGES AND OPPORTUNITIES IN ELECTRIC VEHICLE TECHNOLOGY ADOPTION

### Brushless Direct Current Motors

	BLDC Motor	PMSM
Back-EMF	Trapezoidal waveform	Sinusoidal waveform
Stator winding	Concentrated winding	Distributed winding
Stator current	Quasi-square waveform	Sinusoidal waveform
Driving circuit	Inverter (120° conduction)	Three-phase inverter (180° conduction)
Drive method	Simple, using low-cost Hall effect sensors	Complex (using high-resolution position sensor such as an encoder or a resolver)
Torque ripple	Significant torque ripple	Nearly constant torque
System cost	Low cost	High cost

### DRIVING PRINCIPLE OF BRUSHLESS DIRECT CURRENT MOTORS

	H1	H2	H3	A	B	C
1	1	0	1	+	-	
2	1	0	0	+		-
3	1	1	0		+	-
4	0	1	0	-	+	
5	0	1	1	-		+
6	0	0	1		-	+

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## ICE | STTP ON CHALLENGES AND OPPORTUNITIES IN ELECTRIC VEHICLE TECHNOLOGY ADOPTION

**EV Charging Modes of Charging**

**Mode 1: Slow charging - Home**

- 1-phase AC charging at normal mains outlets without communication
- RCD must on supply side. Suitable for slow charging (16A) at home or office

**Mode 3: Slow charging - Public stations**

- 1-phase or 3-phase AC charging with control pilot communication to the source - 32A / 63A

**Mode 4: Fast charging - DC charging station**

- DC quick charging bypassing the on-board charger
- Charging communication mandatory

**Why can't we build fast charging stations at our homes ??**



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# ICE | STTP ON CHALLENGES AND OPPORTUNITIES IN ELECTRIC VEHICLE TECHNOLOGY ADOPTION

Body design	Energy source	Electric propulsion	Auxiliaries
Body structure	Batteries	Electronic controller	Brakes
Frame	Battery charger	Power converter	Steering
Bumper	-	Electric motor	Auxiliary supply
Suspension	-	Transmission wheels	Temperature control
-	-	-	Energy management

AICTE AQIS sponsored STTP on “Challenges and Opportunities in Electric Vehicle Technology Adoption”(Series 1) has been organized by the Dept. ICE from 16.11.2020 to 21.11.2020. Dr M Karthigai Pandian, Asso. Prof and Mr K Saravanakumar, Asst. Prof are the program coordinators. Day 4, Session 2 of the STTP was handled by Dr S Sathiya, Asst. Prof, Dept. of ICE, r B R Ambedkar National Institute of Technology, Jalandhar on the topic “**Advanced Sensors in Electric Vehicle Implementation**” on 19.11.2020.

# MEETINGS & DISCUSSIONS



@skctdigest



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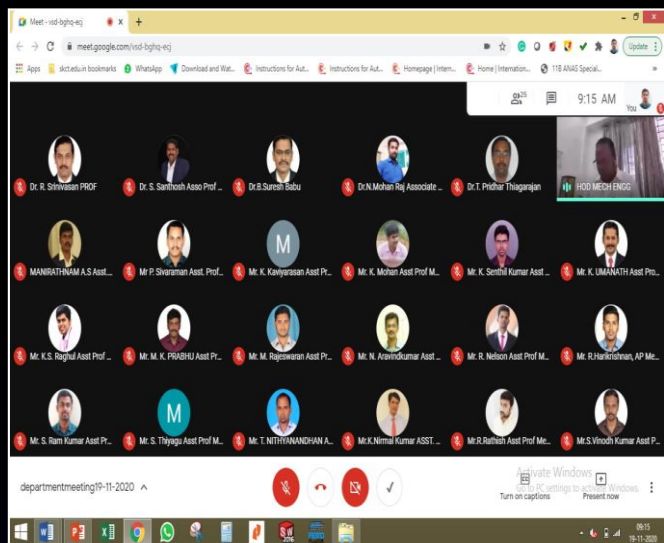


digestfeedback@skct.edu.in



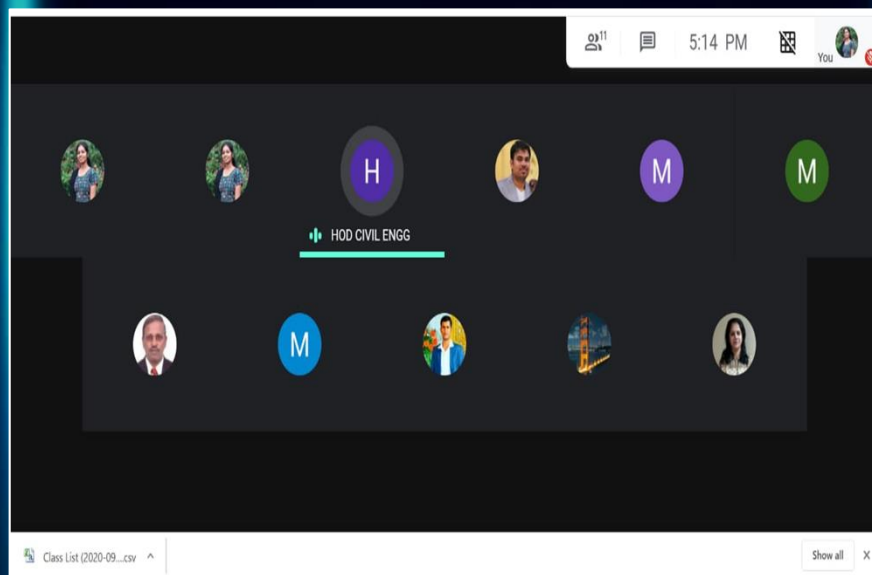


**MECH | DEPARTMENT MEETING**



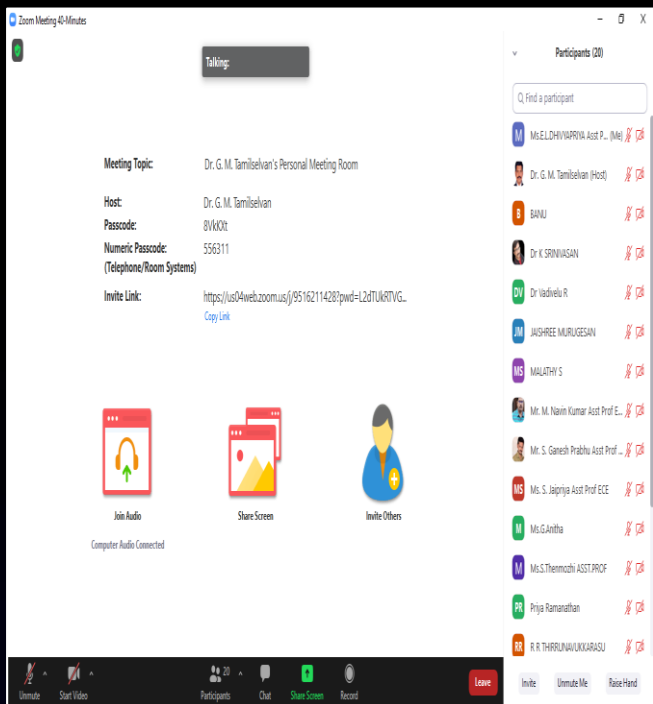
Dr P Prathap, Professor and Head, Dept. of Mechanical Engineering, conducted a meeting with the Members of Faculty on 19 November 2020.

**CIVIL | DEPARTMENT MEETING**



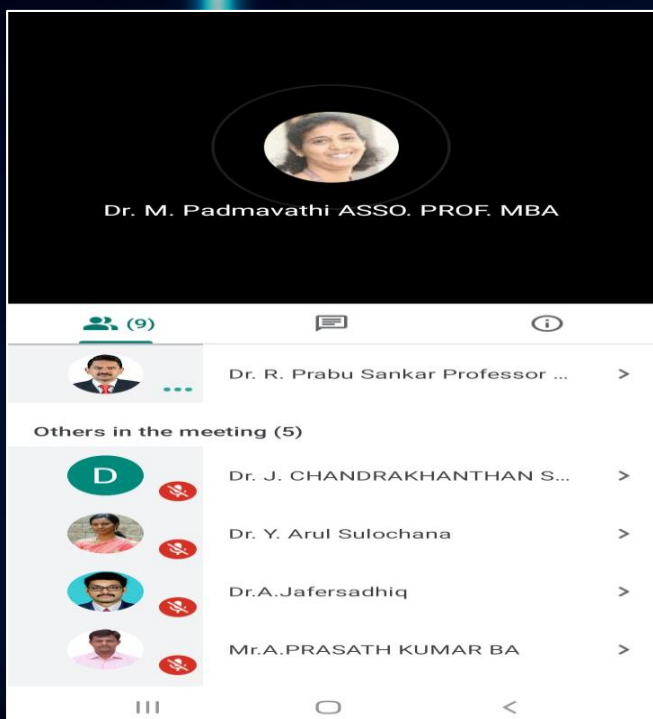
Dr I Padmanaban, Professor and Head, Dept. of Civil Engineering, conducted a meeting with the Members of Faculty regarding the Academic Progress, Internal Mark Consolidation and Classes for Lateral Entry Students on 18 November 2020.

## ECE | DEPARTMENT MEETING



Dr G M Tamilselvan, Professor and Head, Dept. of ECE, conducted a meeting with the Members of Faculty regarding the Revision Classes, Online Laboratory Sessions and Placement Activities on 19 November 2020.

## SoM | DEPARTMENT MEETING



Dr M Padmavathi, Assoc. Professor and Head, SoM, conducted a meeting with the Members of Faculty regarding the Internal Assessment, Placement Activities and Research progress on 16 November 2020.

## CSE | DEPARTMENT MEETING

The screenshot shows a Zoom meeting in progress. The main window displays a Microsoft Word document titled "Tentative Workload 2020-21 (Even) - Word". The document contains a table with the following data:

Sl. No.	Name	Course	Section
	Ms. G. Poorani	Programming for Problem Solving (2020-2021 Odd)	I CSE D
13	Ms. M. Kavitha Margret	Operating Systems	II CSE C
		Placement	-
14	Mr. S. Sam Peter	Database Management Systems	II CSE C
		Cloud Computing	III CSE
15	Ms. S. Padmavathi	Mobile Application Development	III CSE
		Programming for Problem Solving (2020-2021 Odd)	IECE A
16	Ms. G. Priyanka	Data Structures and Algorithms	II ECE B
		Data Structures and Algorithms	II ECE C
17	Ms. S. SathyaBama	Compiler Design	III CSE C
		Placement	-
18	Ms. Kiruthika S	Software Development	III CSE B
		Software Development	III CSE C

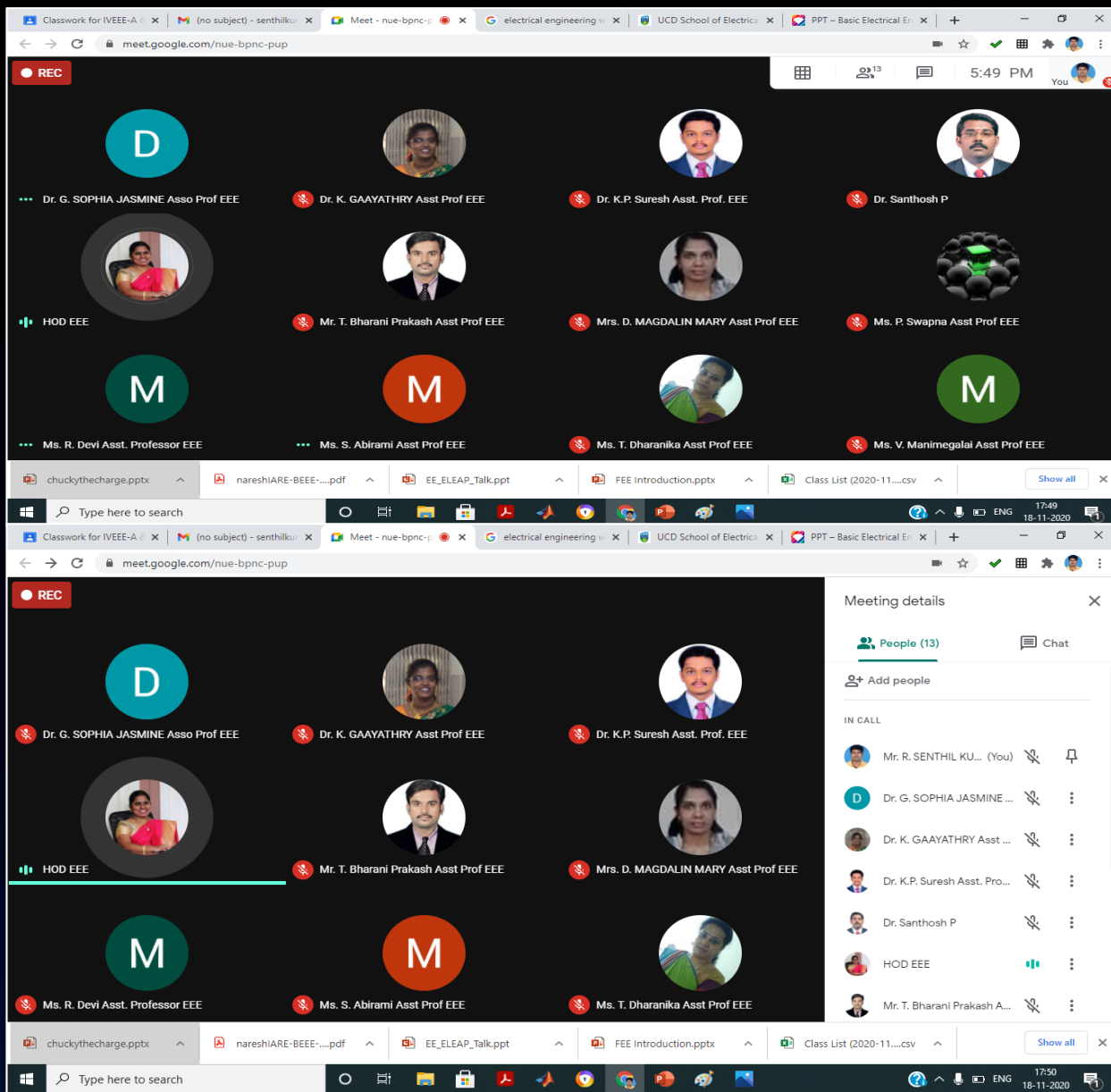
On the right side of the Zoom window, there is a "Participants (17)" list. The participants listed are:

- DEVA PRIYA M (Me)
- Tamije Selvy P (Host)
- Sunitha
- Kalpana
- Mr. R. KARTHIK Asst Prof CSE
- Ms. P. Anantha Prabha, ASST. P...
- Ms. S. KIRUTHIKA Asst Prof CSE
- Ms. S. SOUNDARYA Asst Prof C...
- Nithia Raju
- Nivedhitha
- Padmavathi
- Priyanka
- Raghunathan T
- Sandhya G

At the bottom of the Zoom window, there are controls for Unmute, Start Video, Participants (17), Chat, Share Screen, Record, and a red Leave button.

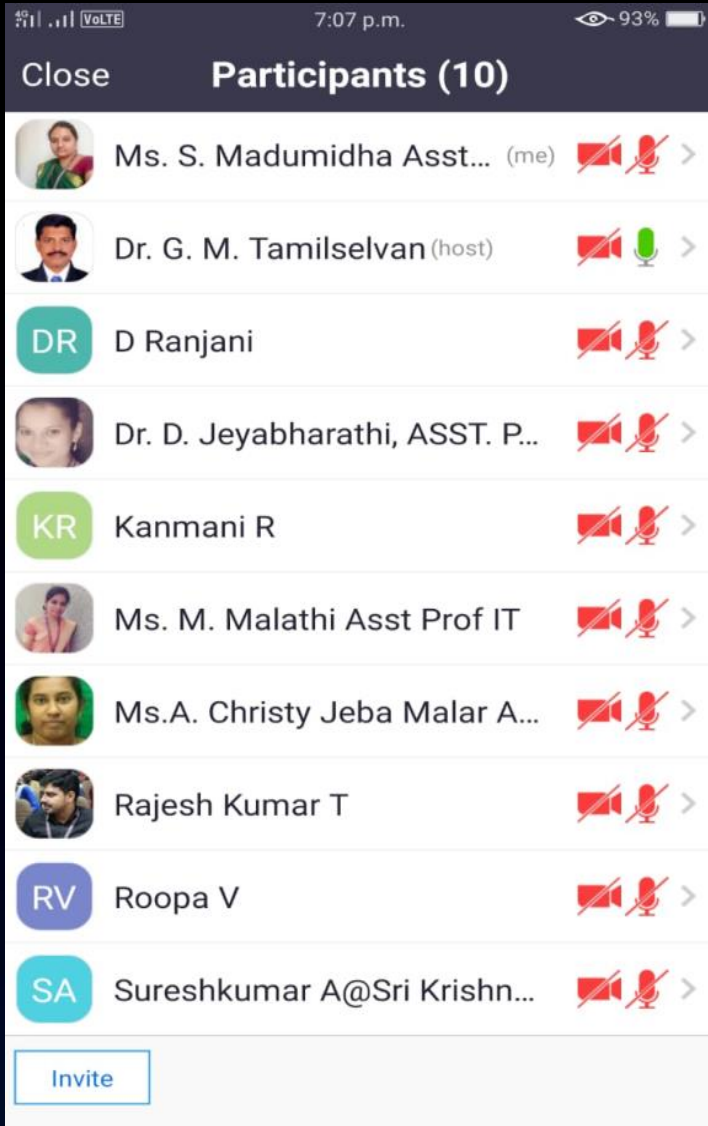
Dr P Tamijeselvy, Professor and Head, Dept. of CSE, conducted a meeting with the Members of Faculty regarding the Internal Mark Entry, Workload Allotment and First Year Classes on 20 November 2020.

# EEE | DEPARTMENT MEETING



Dr K Lakshmi, Professor & Head, Dept. of EEE, conducted a meeting with the Members of Faculty regarding the R&D Activities, Progress of Placement Activities, Academic activities, First Year Classes and NPTEL Exam Registration on 18 November 2020.

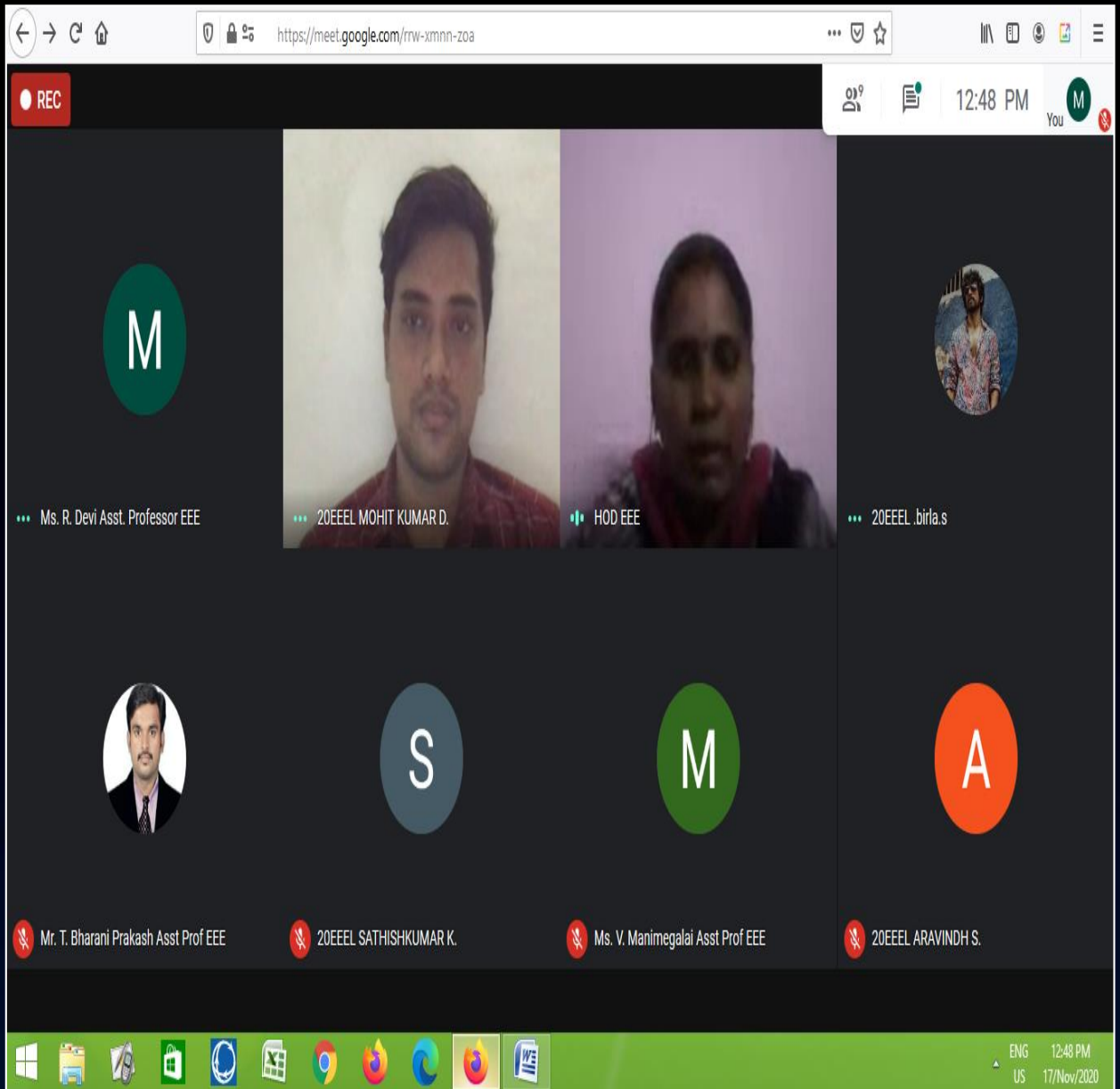
# IT | DEPARTMENT MEETING



Dr G M Tamilselvan, Professor and Head InCharge, Dept. of IT, conducted a meeting with the Members of Faculty regarding the Research Progress, Next Semester Academic Progress, Students' Activities and Participation on 20 November 2020.



# EEE | LATERAL ENTRY STUDENTS | ORIENTATION PROGRAM



The Dept. of EEE organised an **“Orientation Programme”** for the Lateral Entry Students. Dr K Lakshmi, Professor and Head, Dept. of EEE, facilitated the session on 17 November 2020.

# SKCT | JN NEWSPAPER



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## SKCT | IN NEWSPAPER

## TAMIL MURASU , PAGE 2

ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களின்

முதலாம் ஆண்டு பொறியியல், தொழில்நுட்ப  
மாணவர்களுக்கு நெறிப்படுத்துதல் நிகழ்ச்சி

கோவை, நவ. 13- ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களில் முதலாம் ஆண்டு மாணவர்களை நெறிப்படுத்தும் நிகழ்ச்சி இணையதளம் மூலமாக நேற்று நடைபெற்றது. ஆயிரத்திற்கும் மேற்பட்ட முதலாம் ஆண்டு பொறியியல் மற்றும் தொழில்நுட்ப மாணவர்கள் கலந்து கொண்டனர். நிகழ்ச்சியில் இன்போசிஸ் நிறுவனத்தின் (சென்னை பிரிவின்) துணைத்தலைவர் சுஜித்குமார் சிறப்பு விருந்தினராக

கலந்துகொண்டார். இந் நிகழ்வில் ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களின் தலைவர் மற்றும் நிர்வாக அறங்காவலரும் திருவனங்கலை தேர்ந்தெடுத்தமைக்காக பாராட்டுக்களையும் தனது மகிழ்வினையும் நன்றியையும் தெரிவித்துக் கொண்டார். இந்த நிகழ்வின் தலைமை விருந்தினராக கல்வந்து கொண்ட இன்போசிஸ் நிறுவனத்தின் சென்னை பிரிவு துணைத்தலைவர் சுஜித்குமார் மாணவர்களிடையே எழுச்சி உரையாற்றினார். இந்த இணையதள விழாவில் ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களின் தலைவர் மற்றும் நிர்வாக அறங்காவலரும் திருவனங்கலை தேர்ந்தெடுத்தமைக்காக பாராட்டுக்களையும் தனது மகிழ்வினையும் நன்றியையும் தெரிவித்துக் கொண்டார். இந்த நிகழ்வின் தலைமை விருந்தினராக கல்வந்து கொண்ட இன்போசிஸ் நிறுவனத்தின் சென்னை பிரிவு துணைத்தலைவர் சுஜித்குமார் மாணவர்களிடையே எழுச்சி உரையாற்றினார். இந்த இணையதள விழாவில் ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களின்

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கிருஷ்ணா பொறியியல் கல்லூரி

முதலாம் ஆண்டு மாணவர்களை  
நெறிப்படுத்துதல் நிகழ்ச்சி!

கோவை, நவ. 13- நிறுவனங்களை தேர்ந்தெடுத்தமைக்காக பாராட்டுக்களையும் தனது மகிழ்வினையும் நன்றியையும் தெரிவித்துக் கொண்டார். இந்த நிகழ்வின் தலைமை விருந்தினராக கல்வந்து கொண்ட இன்போசிஸ் நிறுவனத்தின் சென்னை பிரிவு துணைத்தலைவர் சுஜித்குமார் மாணவர்களிடையே எழுச்சி உரையாற்றினார். இந்த இணையதள விழாவில் ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களின் தலைவர் மற்றும் நிர்வாக அறங்காவலரும் திருவனங்கலை தேர்ந்தெடுத்தமைக்காக பாராட்டுக்களையும் தனது மகிழ்வினையும் நன்றியையும் தெரிவித்துக் கொண்டார். இந்த நிகழ்வின் தலைமை விருந்தினராக கல்வந்து கொண்ட இன்போசிஸ் நிறுவனத்தின் சென்னை பிரிவு துணைத்தலைவர் சுஜித்குமார் மாணவர்களிடையே எழுச்சி உரையாற்றினார். இந்த இணையதள விழாவில் ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களின்



சிறப்பை எடுத்துரைக்கும் வண்ணம் ஓர் குறும் படம் ஒளிபரப்பப்பட்டது. ஸ்ரீ கிருஷ்ணா பொறியியல் மற்றும் தொழில்நுட்பக் கல்லூரியின் முதல்வர் ஜேனட் மற்றும் ஸ்ரீ கிருஷ்ணா தொழில்நுட்பக் கல்லூரியின் முதல்வர் ஸ்ரீ நிவாசன் ஆளவந்தார் ஆகியோர் மாணவர்கள் பயிலப்போகும் பொறியியல் மற்றும் தொழில்நுட்பக் கல்வியின் அனைத்து அம்சங்களையும் எடுத்துரைத்தனர்.

இரண்டு கல்லூரிகளின் அறிவியல் மற்றும் மானுடவியல்துணைத்தலைவர்கள் வி. இராகவி மற்றும் சதீஸ்குமார் ஆகியோர் முதலாம் ஆண்டு பாடத்திட்டங்கள் பற்றியும், கல்லூரியின் விதிகள் பற்றி எடுத்துரைத்தனர். விழாவின் நிறைவில் 'கல்வி சிற்றேடு' வெளியிடப்பட்டது. இதன் தொடர்ச்சியாக இரு கல்லூரிகளின் துறைத்தலைவர்களும் அறிமுகம் செய்து வைக்கப்பட்டனர். நிறைவாக வி. இராகவி நன்றியுரை ஆற்றினார்.

## SKCT | IN NEWSPAPER

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ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களின்

முதலாம் ஆண்டு பொறியியல், தொழில்நுட்ப  
மாணவர்களுக்கு நெறிப்படுத்துதல் நிகழ்ச்சி

கோவை, நவ. 13-

ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களில் முதலாம் ஆண்டு மாணவர்களை நெறிப்படுத்தும் நிகழ்ச்சி இணையதளம் மூலமாக நேற்று நடைபெற்றது. ஆயிரத்திற்கும் மேற்பட்ட முதலாம் ஆண்டு பொறியியல் மற்றும் தொழில்நுட்ப மாணவர்கள் கலந்து கொண்டனர். நிகழ்ச்சியில் இன்போசிஸ் நிறுவனத்தின் (சென்னை பிரிவின்) துணைத்தலைவர் சுஜித்குமார் சிறப்பு விருந்தினராக

கலந்து

கலந்து கல்வி சிறப்பு குறும்பு நிறுவனம் மற்றும் தொழில்நுட்ப மாணவர்களின் ஆணைத்தலைவரும் குமார்

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நிகழ்ச்சியில் ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களின் நிர்வாக அறங்காவலர் எஸ்.மலர்விழி பேசியபோது எடுத்தபடம்.

ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களின்

முதலாம் ஆண்டு மாணவர்களை நெறிப்படுத்துதல் நிகழ்ச்சி

கோவை, நவ.14-

கோவையில் உள்ள ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களில் முதலாம் ஆண்டு மாணவர்களை நெறிப்படுத்தும் நிகழ்ச்சி நடைபெற்றது. இணைய வழியே நடைபெற்ற இந்த நிகழ்ச்சியில் முதலாம் ஆண்டு என்ஜினியரிங் மற்றும் தொழில்நுட்ப கல்லூரிகளின் மாணவர்கள் கலந்து கொண்டனர். இதில் ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களின் தலைவர் மற்றும் நிர்வாக அறங்காவலர் எஸ்.மலர்விழி தலைமை தாங்கி பேசினார். இன்போசிஸ் நிறுவன சென்னை பிரிவு துணை தலைவர் சுஜித்குமார் கலந்து கொண்டு மாணவர்களிடையே பேசினார். நிகழ்ச்சியில் ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களின் சிறப்பை எடுத்துரைக்கும் வகையில் குறும்படம் ஒளிபரப்பப்பட்டது.

இதில் ஸ்ரீ கிருஷ்ணா பொறியியல் மற்றும் தொழில்நுட்ப கல்லூரியின் முதல்வர் ஜே.ஜேனட, தொழில்நுட்ப கல்லூரி முதல்வர் ஸ்ரீனிவாசன் ஆளவந்தார் ஆகியோர் பொறியியல் மற்றும் தொழில்நுட்ப கல்வியின் அம்சங்கள் குறித்து பேசினர். கல்லூரிகளின் அறிவியல், மாணவியல் துணைத்தலைவர்கள் வி.ராகவி, சதீஸ் குமார் ஆகியோர் முதலாம் ஆண்டு பாடத்திட்டங்கள் பற்றி எடுத்துரைத்தனர். நிகழ்ச்சியின் முடிவில் 'கல்வி சிற்றேடு' வெளியிடப்பட்டது. இதன் தொடர்ச்சியாக இருகல்லூரிகளின் துறைத்தலைவர்களும் அறிமுகம் செய்து வைக்கப்பட்டனர். முடிவில் ராகவி நன்றி கூறினார்.

## SKCT | IN NEWSPAPER

## DINAKARAN , PAGE 9

ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களின் முதலாம் ஆண்டு பொறியியல், தொழில்நுட்ப மாணவர்களுக்கு நெறிப்படுத்துதல் நிகழ்ச்சி



கோவை, நவ. 13: ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனங்களில் முதலாம் ஆண்டு மாணவர்களுக்கு நிகழ்ச்சி இணையதளம் மூலமாக ஆயிரத்திற்கும் மேற்பட்ட முதலாம் மற்றும் தொழில்நுட்ப மாணவர்களுக்கு நிகழ்ச்சியில் இன்போசிஸ் நிறுவனத்தின் (பிரிவின) துணைத் தலைவர் சுஜித் தினராக கலந்து கொண்டார்.

விழாவில் ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனத்தின் சிறப்பை எடுத்துரைக்கும் குறும்பு நடவடிக்கைகள் மேற்கொள்ளப்பட்டது. ஸ்ரீ கிருஷ்ணா கல்வி நிறுவனத்தின் மற்றும் அறங்காவலர் மலர்விழா, தொழில்நுட்பக் கல்லூரியின் (புது ஆளவந்தார், அறிவியல் மாணவர்களுக்கு துணைத் தலைவர்கள் ராகவி, சுஜித் கலந்து கொண்டனர்.

## DINAMALAR , PAGE 8

இணையதளத்தில், அதிர்ஷ்டங்களில், அந்த அனுபவம் பற்றி? நான்கில் நான்கு உணவுகள். இந்த இதழ்களில் கள் பற்றி கட்டுரைகள் எழுதி எழுதுவது எனக்கு வசதி தினர்கள். அது எப்போது

## முதலாம் ஆண்டு மாணவர் நெறிப்படுத்துதல் நிகழ்ச்சி



கோவை, நவ. 13- கிருஷ்ணா கல்வி நிறுவனங்களில், முதலாம் ஆண்டு மாணவர்களுக்கான, நெறிப்படுத்துதல் நிகழ்ச்சி, இணைய வழியில் நடந்தது.

கிருஷ்ணா கல்வி நிறுவனங்களின் தலைவர் மலர்விழி தலைமை வகித்தார். இன்போசிஸ் நிறுவனத்தின் சென்னை பிரிவு துணை தலைவர் சுஜித் குமார், மாணவர்களை ஊக்கப்படுத்தி பேசினார். கல்லூரி முதல்வர்கள்

ஜேனட் மற்றும் சீனிவாசன் ஆளவந்தார் ஆகியோர், கல்லூரியில் உள்ள வசதிகள், பயில்விக்கும் முறை உள்ளிட்டவற்றை விளக்கினார். அறிவியல் மற்றும் மானுடவியல் துறை தலைவர்கள், பேராசிரியர்கள் ராகவி, சதீஸ் குமார், கல்லூரி விதிகள், முதலாம் ஆண்டு பாடத்திட்டங்கள் குறித்து பேசினார். நிகழ்ச்சியின் இறுதியில், கல்வி சிற்புறேடு வெளியிடப்பட்டது. கல்லூரி துறைத்தலைவர்கள் பங்கேற்றனர்.

# **1st YEAR STUDENTS' ACTIVITIES**



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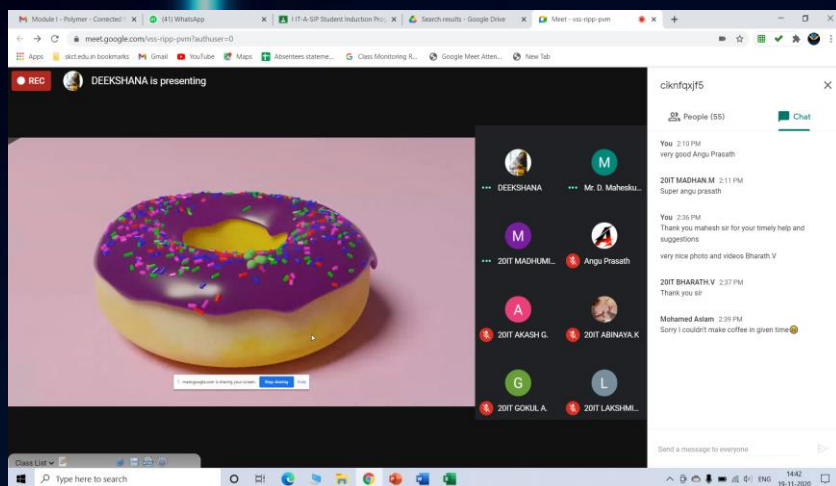
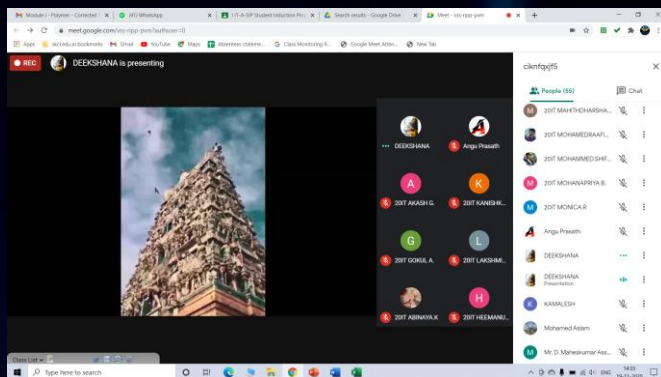
@skctofficial



digestfeedback@skct.edu.in

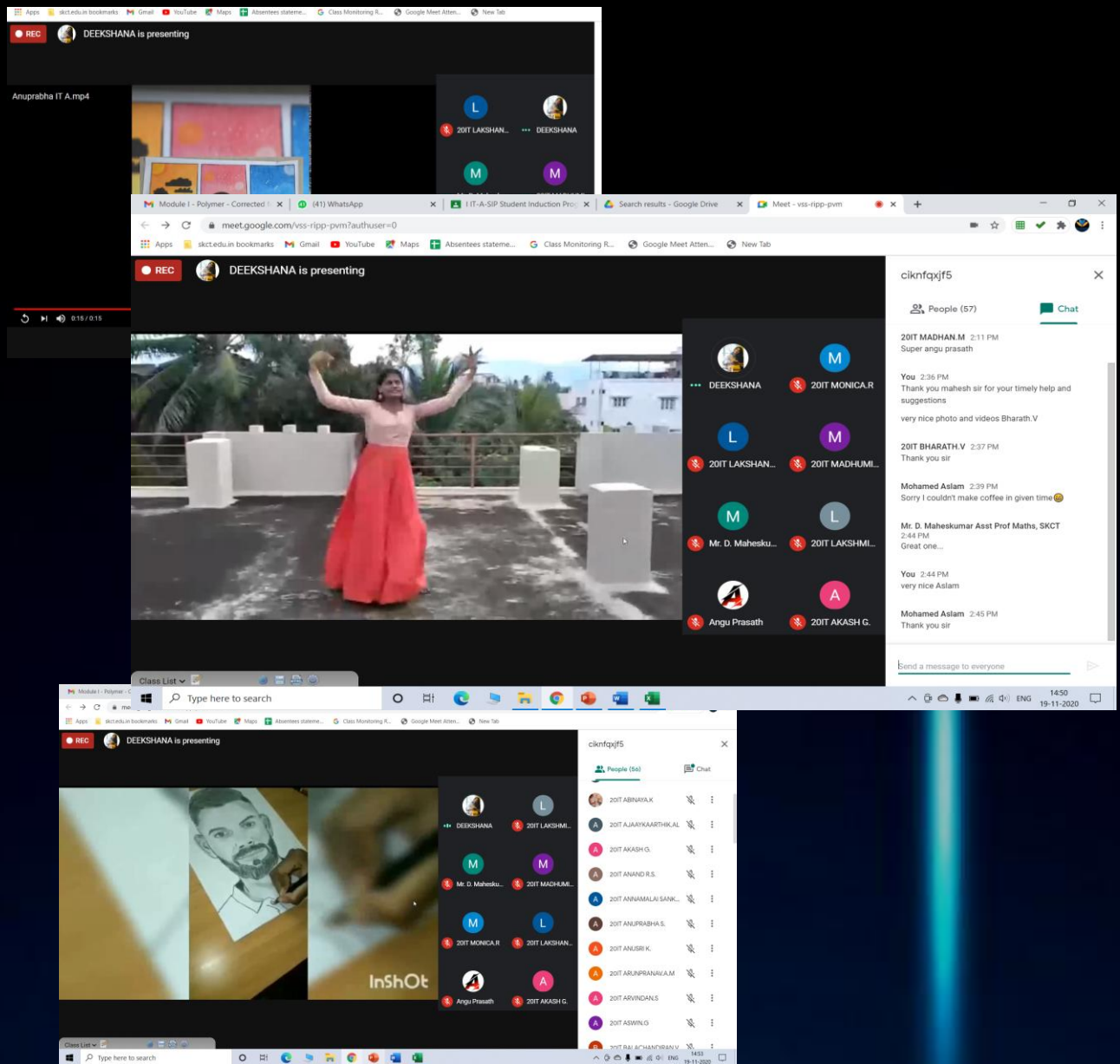


# S&H | CREATIVE ARTS | IIT A



Mr J Anguprasth, Student of First B. Tech. IT A Section, presented his speech during the creative session which was broadcasted in Kalaignar TV and Bharath TV.

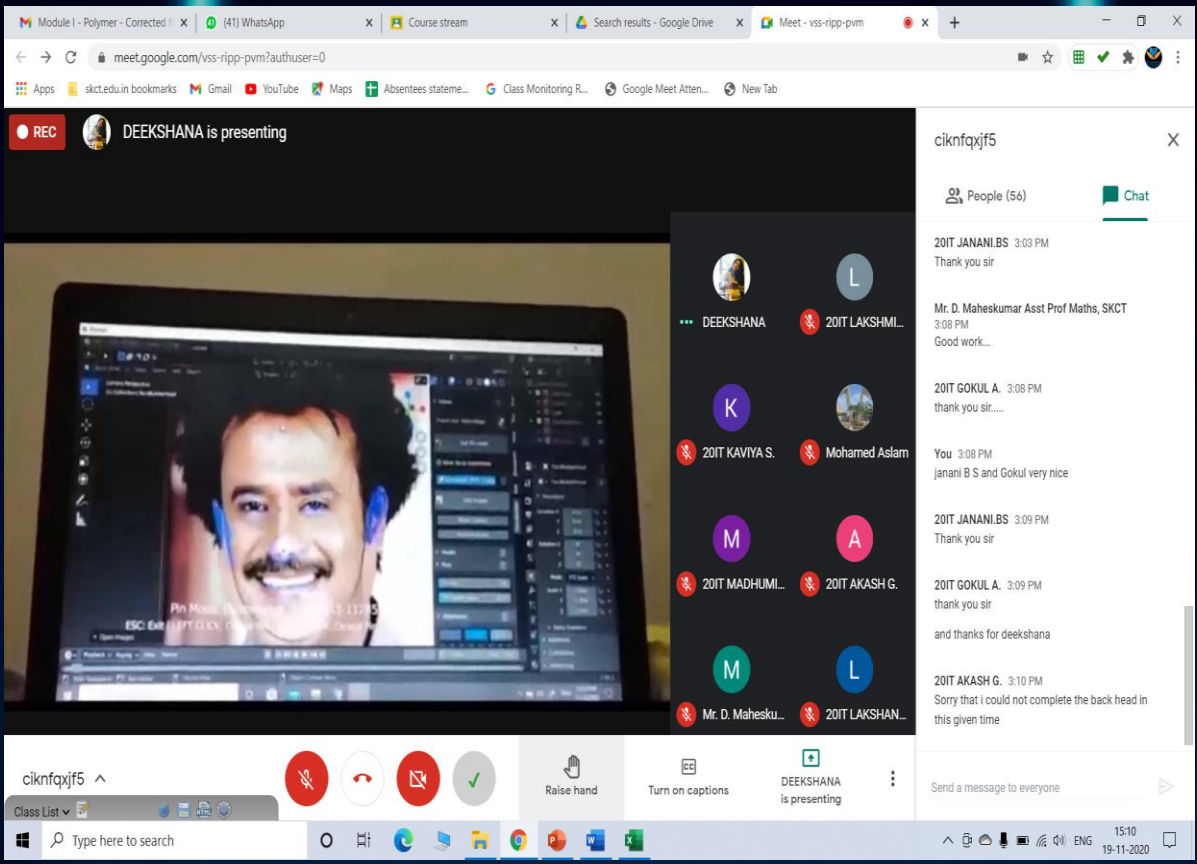
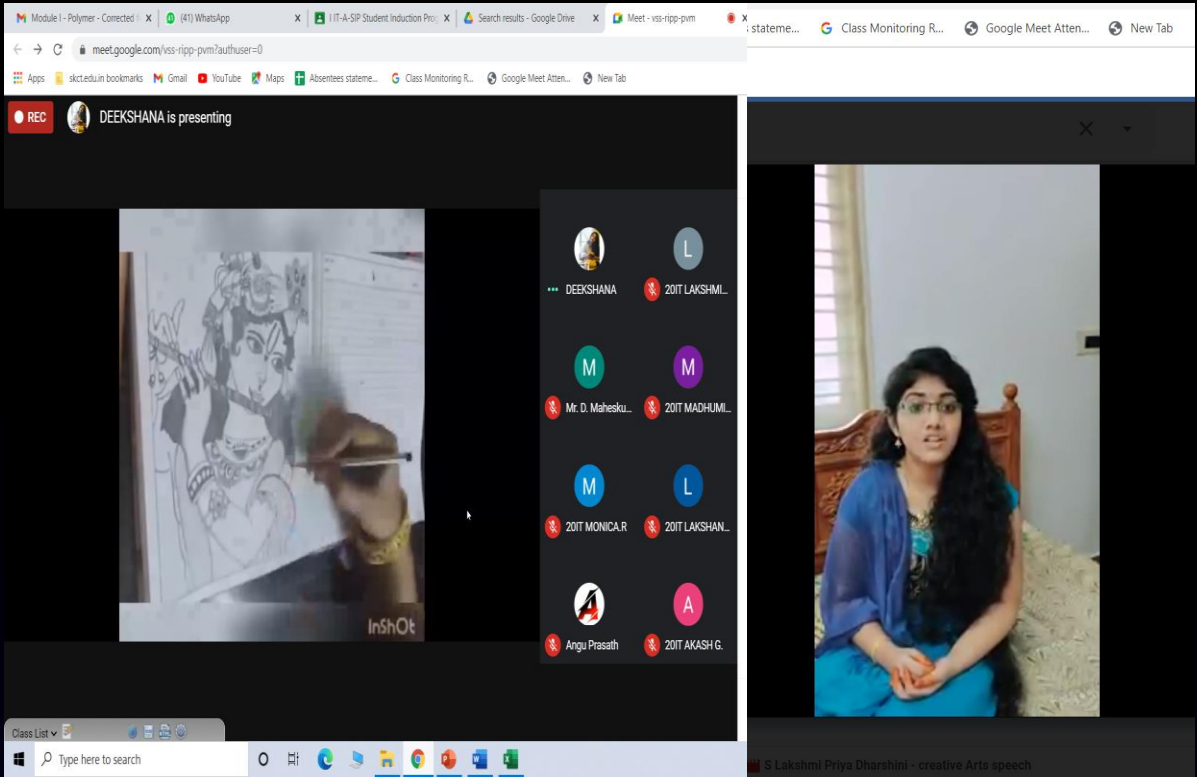
S&H | CREATIVE ARTS | I IT A



Ms S Anuprabha, Ms R Monica, Ms B S Janani, Ms J Lakshna, Ms S Lakshmipriyadharshini, Mr G Akash, Ms Madhumitha, Ms Harini Thiriyambike and Ms M Harini, Students of First B. Tech. IT A Section, participated in creative session and presented their creative works during 19-20 November 2020.



# S&H | CREATIVE ARTS | IIT A



S&H | CREATIVE ARTS | I ICE A



Mr M. Adith Vidhyakar, Student of First B. E. ICE A Section, played the keyboard and exhibited his talent during the Creative Arts Session on 19 November 2020.

Mr M Aravindh, Student of First B.E. ICE A Section, shared his achievements of being an athlete during the Creative Arts Session on 19 November 2020.

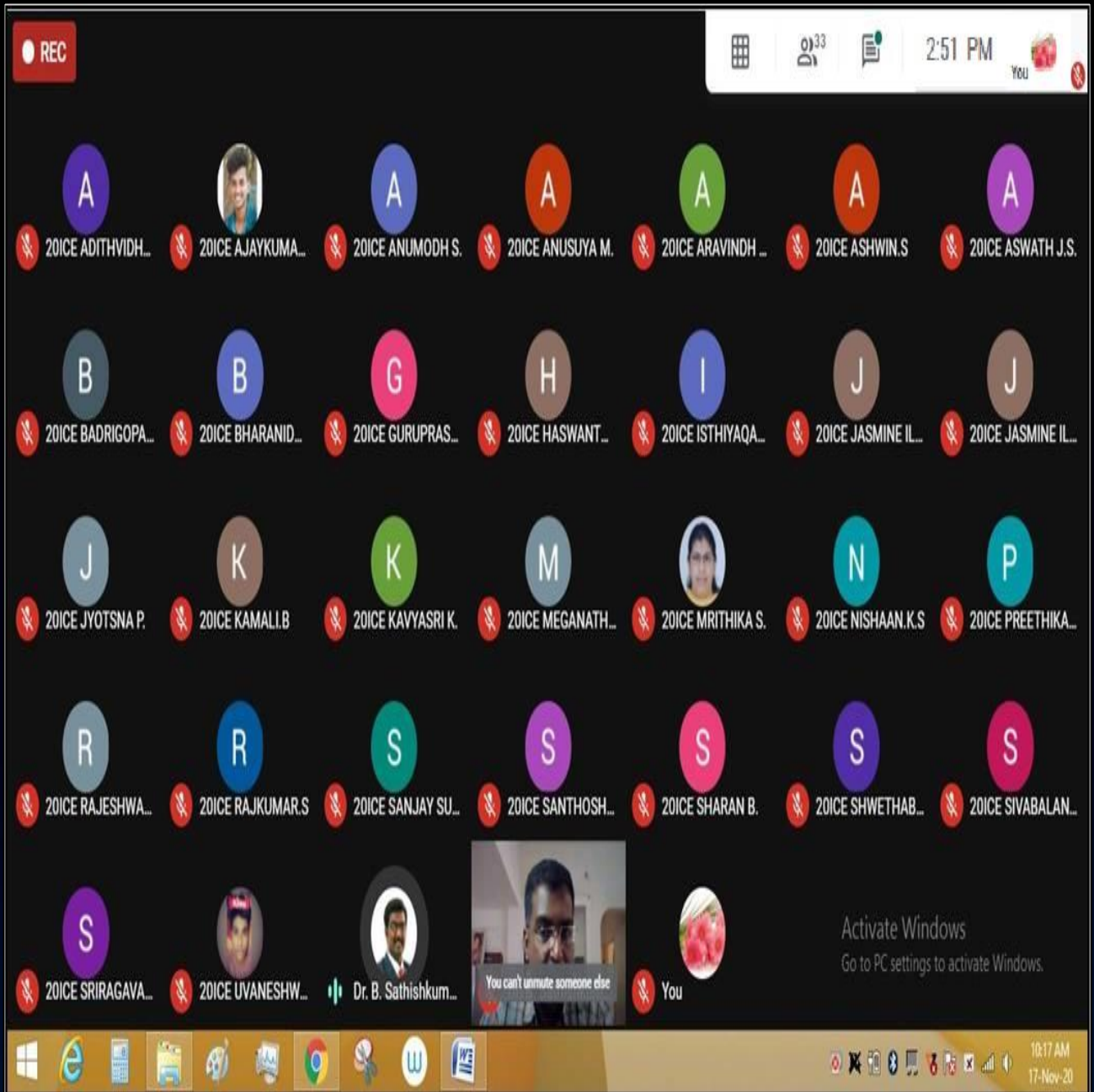


Mr A Isthiyaq Ahamed, Student of First B.E. ICE A Section, displayed his paintings and pencil sketching during the Creative Arts Session on 20 November 2020.

Ms P Jyotsna, Student of First B.E. ICE A Section, solved Rubik's cube within 2 minutes during the Creative Arts Session on 20 November 2020.

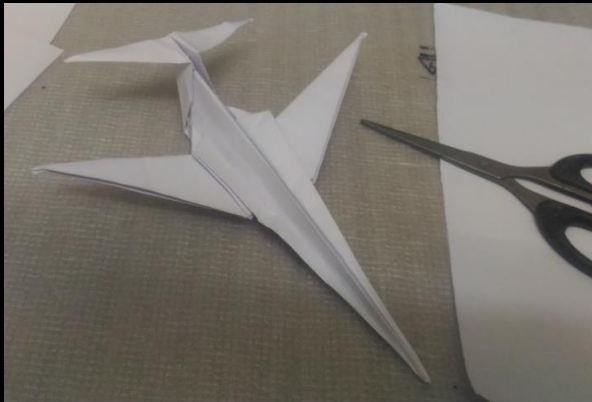


S&H | CREATIVE ARTS | I ICE A

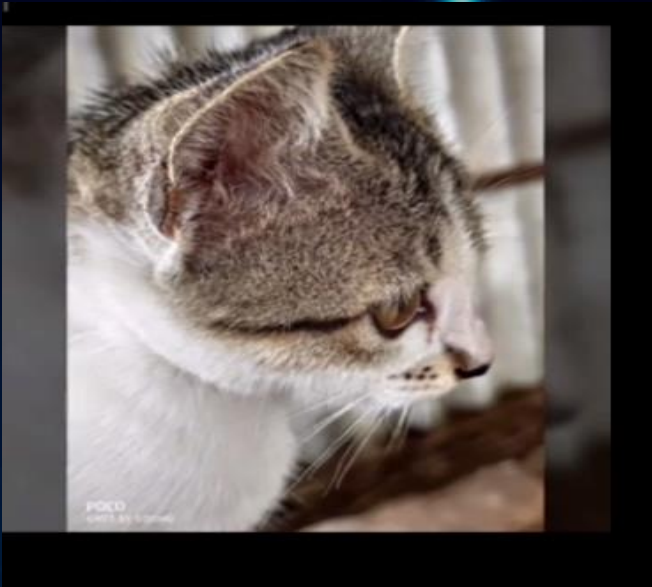


Students of First B.E. ICE A Section exhibited their unique talents in Creative Arts Session facilitated by Dr B Sathish Kumar, Professor and Head, Dept. of Science and Humanities during 19-20 November 2020.

**S&H | CREATIVE ARTS | I CIVIL**

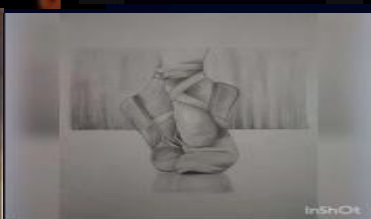
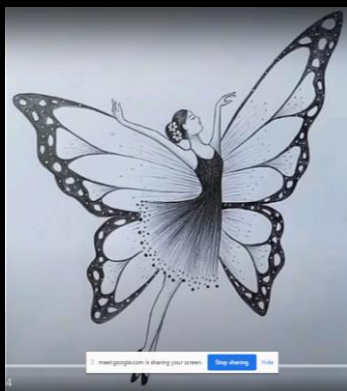


Mr R Sanjay Ram, Mr M V Akash, Mr A Arunachalam, Mr A R Jayakanth, Mr M Balamurali and Mr S Siddharth, Students of First B. E. Civil Engineering, participated in creative session and presented their creative works during 19-20 November 2020.

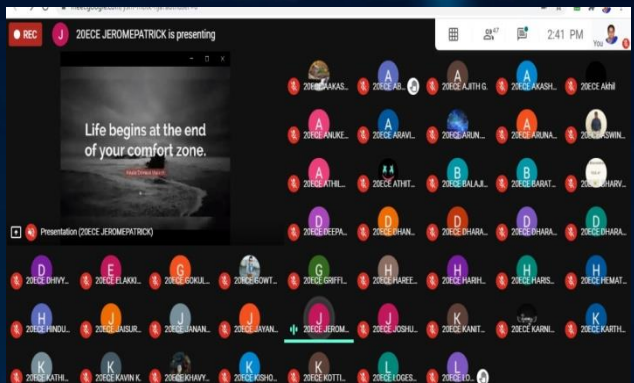
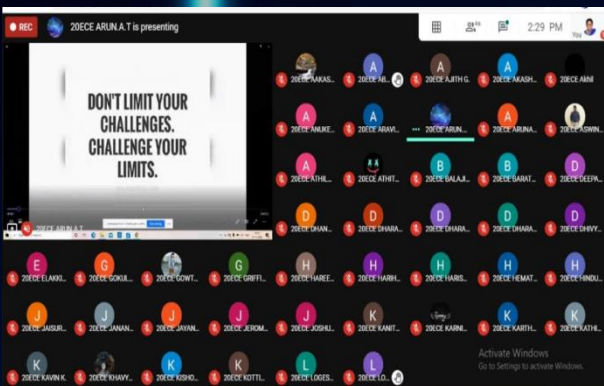
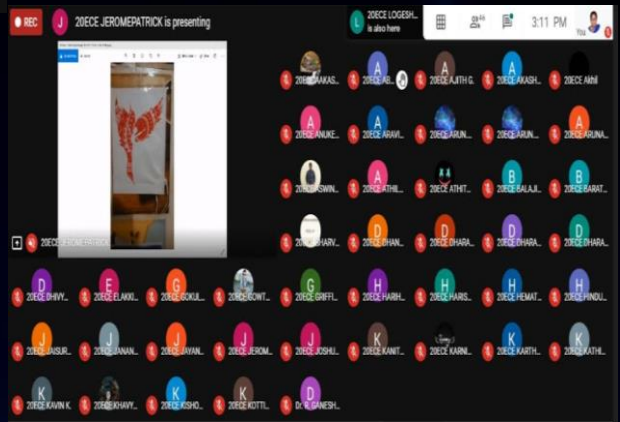
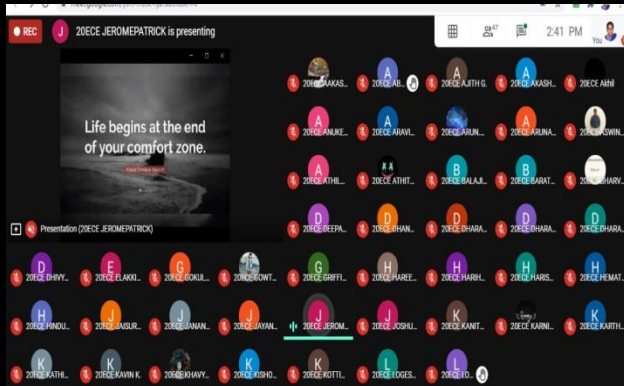


Students of First Year B.E. CIVIL showcased their photography talent.

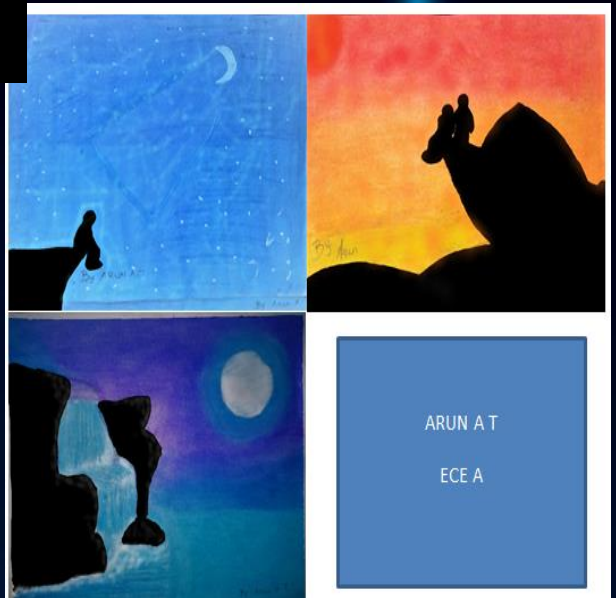
S&H | CREATIVE ARTS | I CIVIL



S&H | CREATIVE ARTS | I ECE A

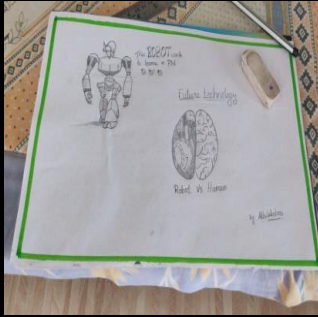


S&H | CREATIVE ARTS | I ECE A



Mr Arun A T, Mr Aravind J G, Mr Harish R, Ms Aruna M, Mr Dhivyan R, Ms Karnika and Ms Anukeerthana, Students of First B.E. ECE A Section, participated in Creative Arts Session and exhibited their talents during 19-20 November 2020.

S&H | CREATIVE ARTS | I ECE A



SRI KRISHNA COLLEGE OF TECHNOLOGY

"THE ONLY WAY TO DISCOVER THE LIMITS OF THE POSSIBLE IS TO GO BEYOND THEM INTO IMPOSSIBLE!"  
-Arthur C. Clarke

We Cordially invite you to  
**VIRTUAL MEETING**

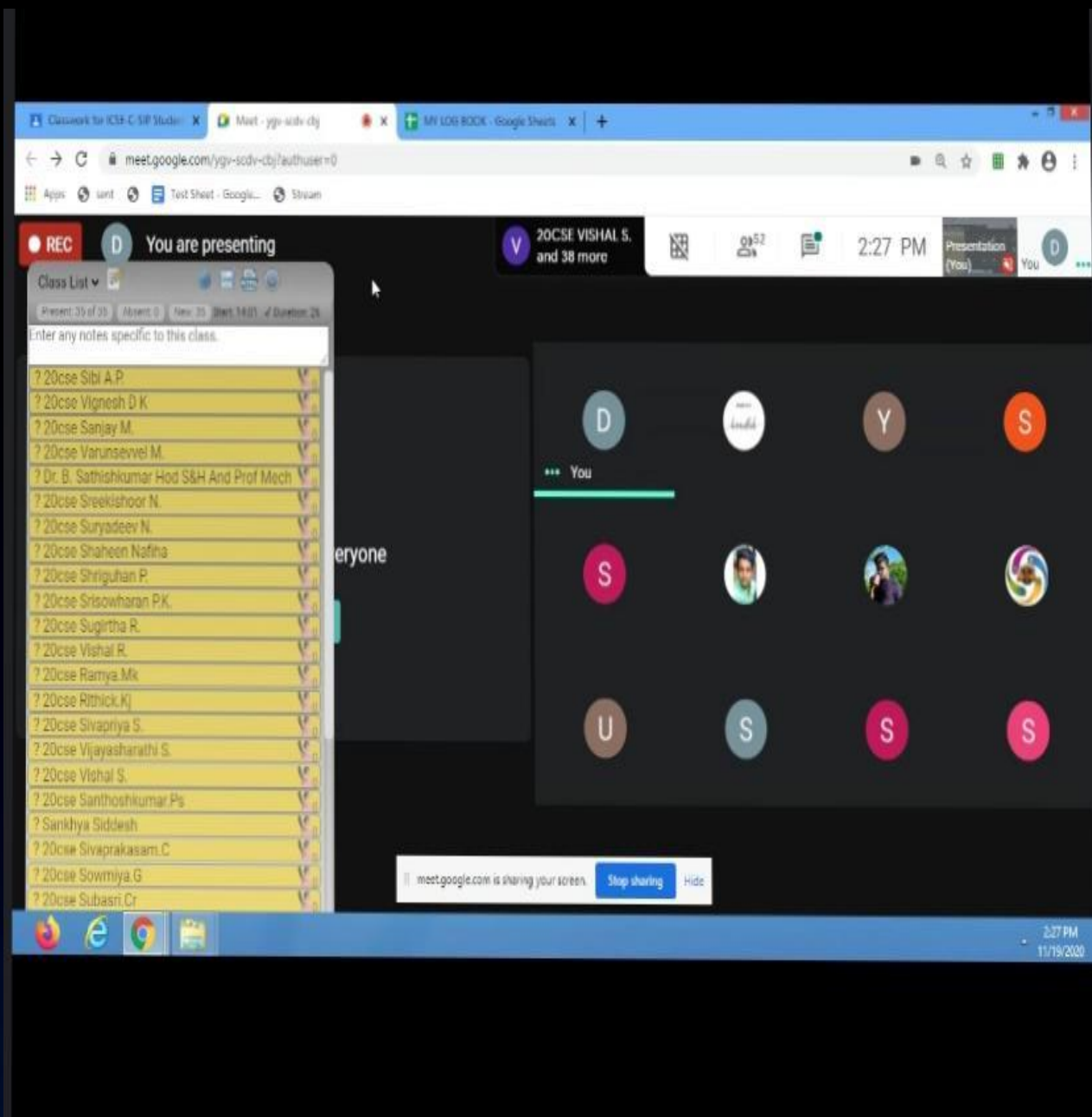
"Celebrating the innovative arts"!!  
Under the Supervision of  
Dr.R.Ganesh.Asst.Prof  
Ms.H.Shubhajyothi.Asst.Prof

Thursday, 20th November 2020  
2.00pm to 4.00 join @ Google Classroom

ECE-A

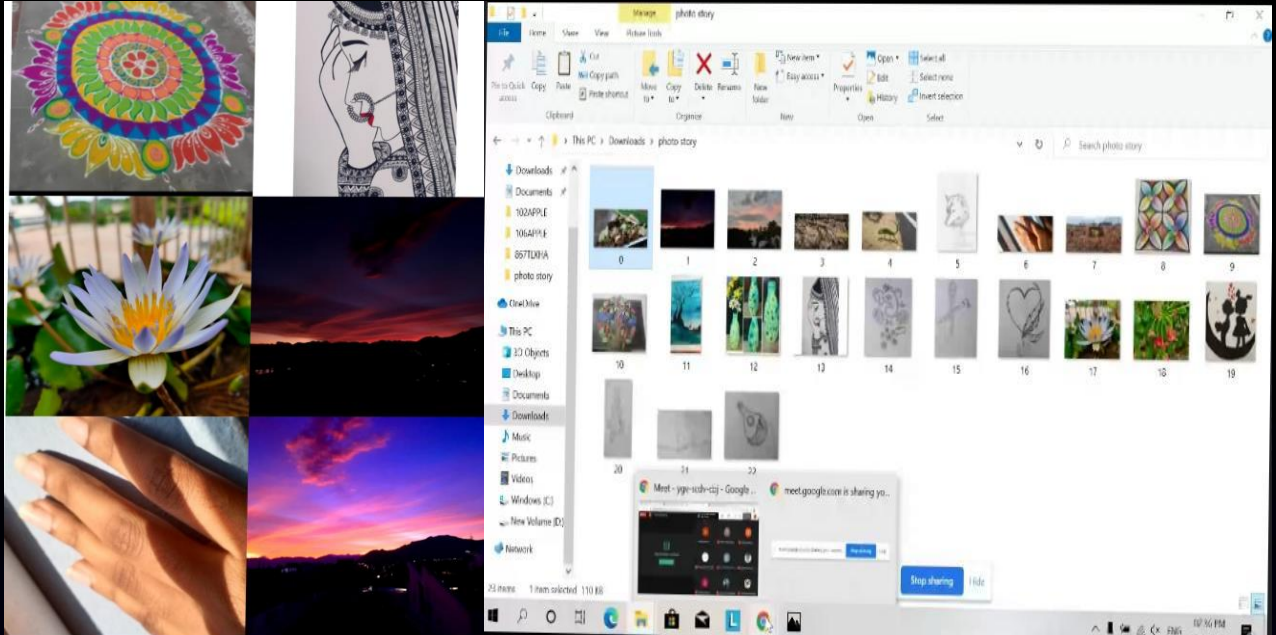


## S&amp;H | CREATIVE ARTS | I CSE C

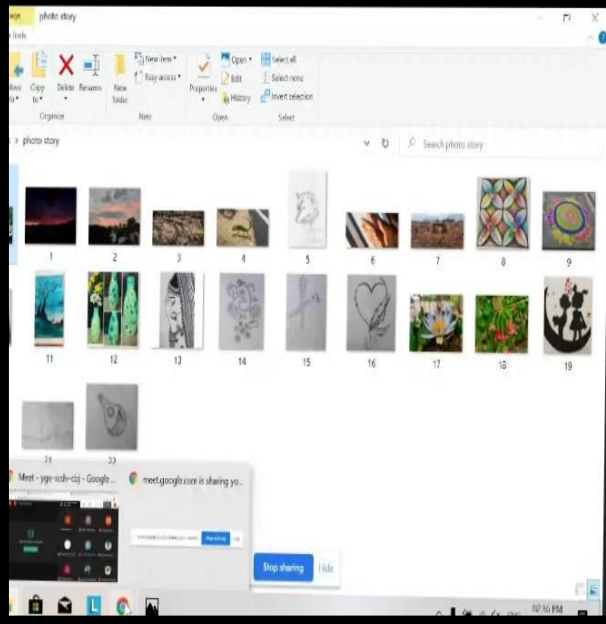
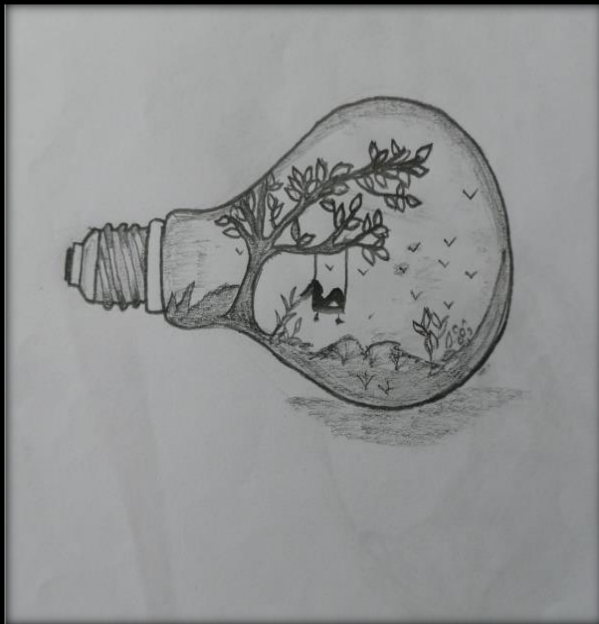


Students of First B.E. CSE C Section participated and presented their talents in Creative Arts Session facilitated by Dr S Prabhu, Asst. Professor of Chemistry, Dept. of Science and Humanities on 19 November 2020.

S&H | CREATIVE ARTS | I CSE C



S&H | CREATIVE ARTS | I CSE C



S&H | CREATIVE ARTS | I EEE A

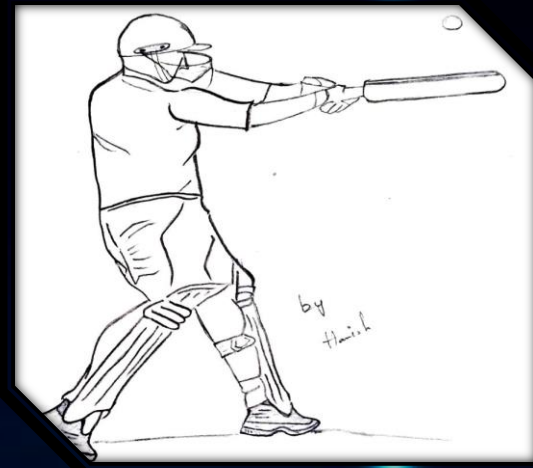


S&H | CREATIVE ARTS | I EEE A

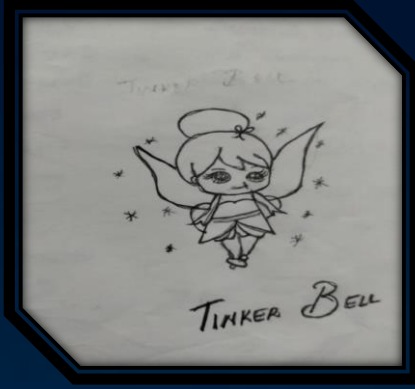
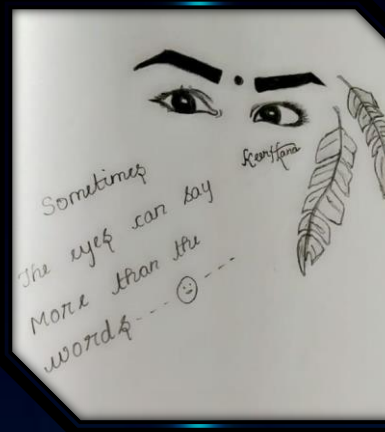


Students of First B.E. EEE A Section participated and exhibited their unique talents in Creative Arts Session during 19-20 November 2020.

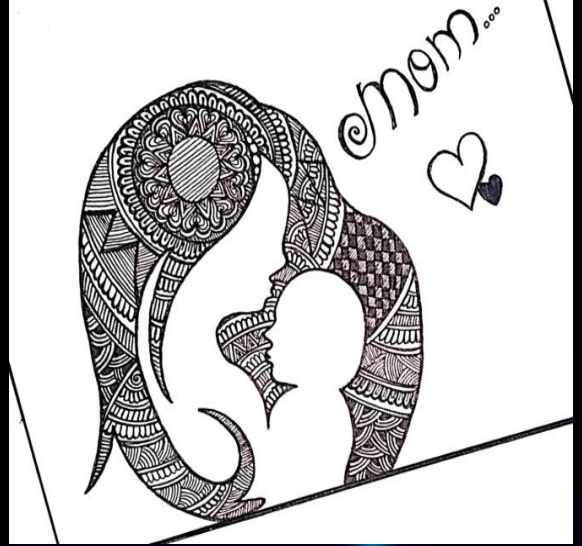
S&H | CREATIVE ARTS | I EEE A



S&H | CREATIVE ARTS | I EEE A

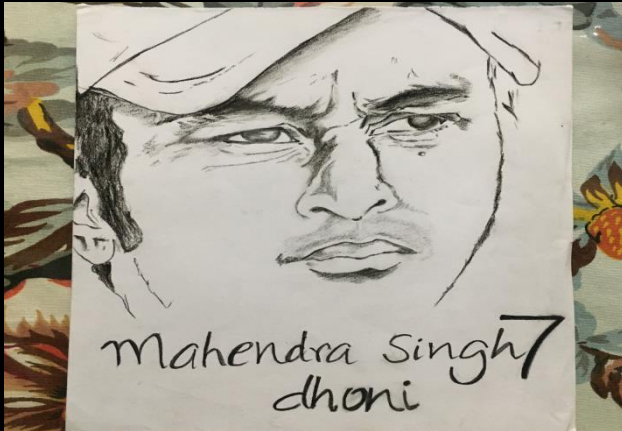


S&H | CREATIVE ARTS | I EEE A





S&H | CREATIVE ARTS | IIT B



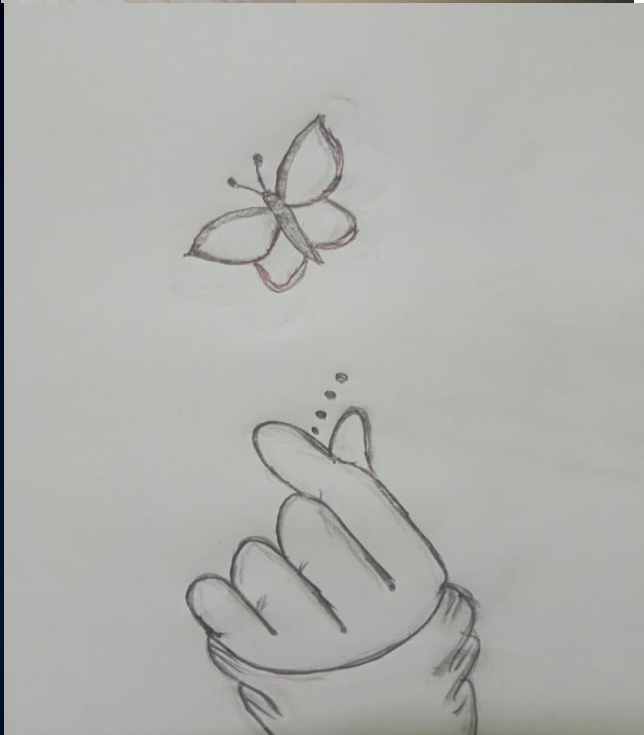
Raiisweetha



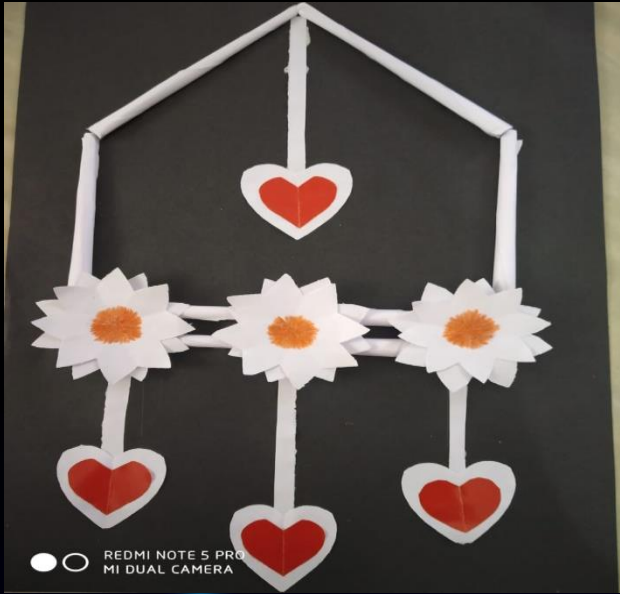
K.Ruthraa



Sruthika

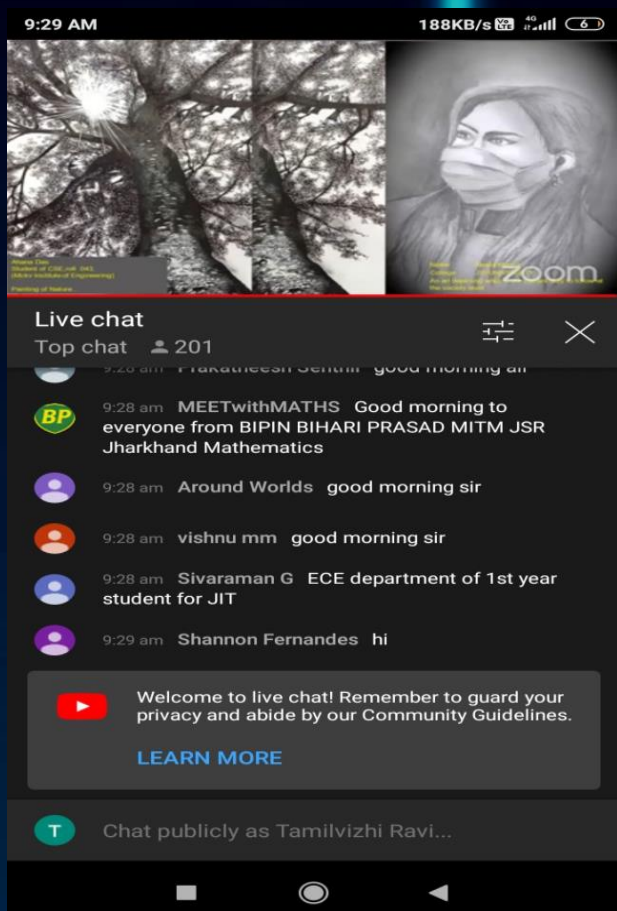


S&H | CREATIVE ARTS | IIT B

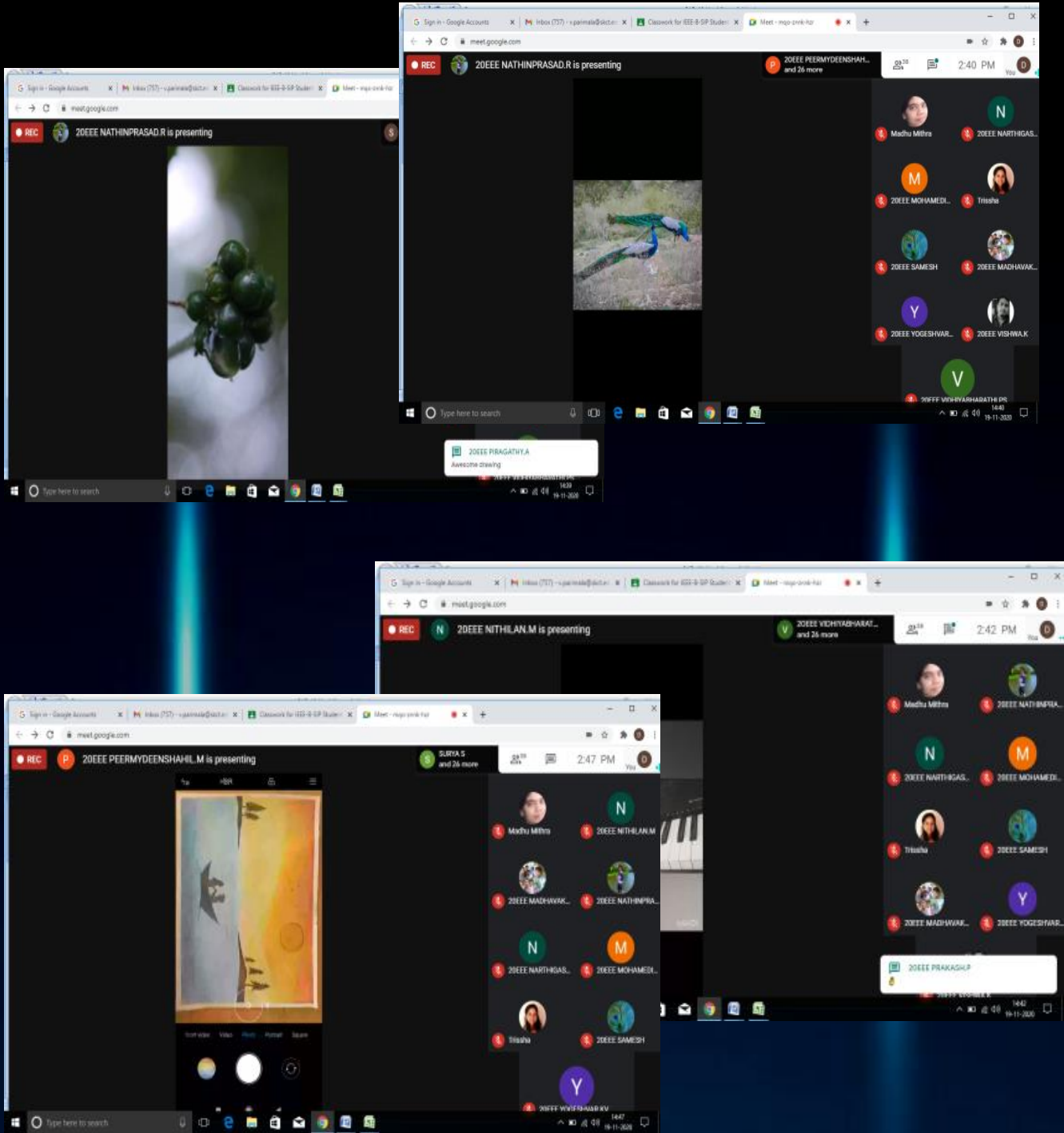


Students of First B.Tech. IT B Section participated and exhibited their talents in Creative Arts Session during 19-20 November 2020.

S&H | CREATIVE ARTS | IIT B

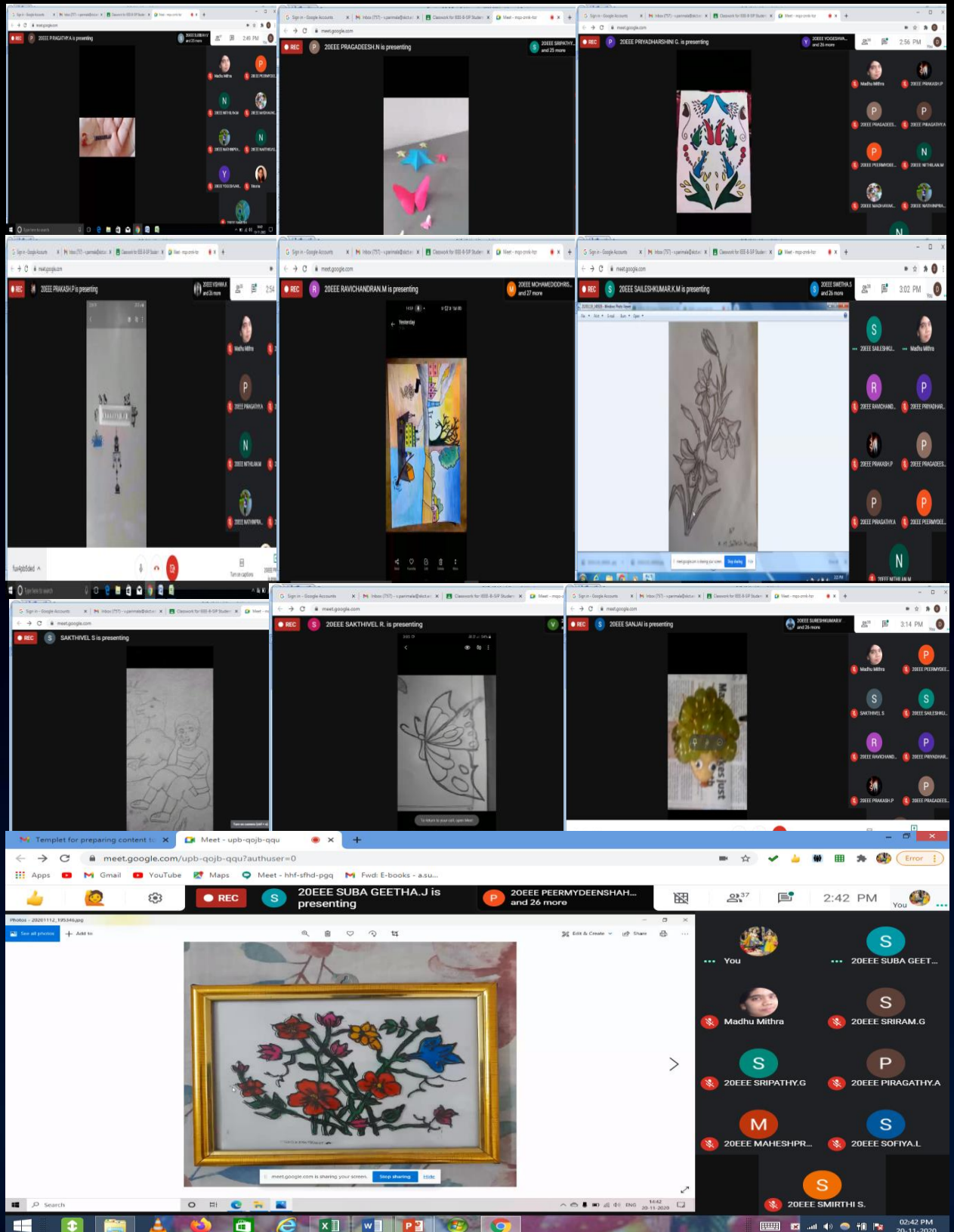


S&H | CREATIVE ARTS | I EEE B



Students of First B.E. EEE B Section exhibited their creativity and talents in Creative Arts Session during 19-20 November 2020.

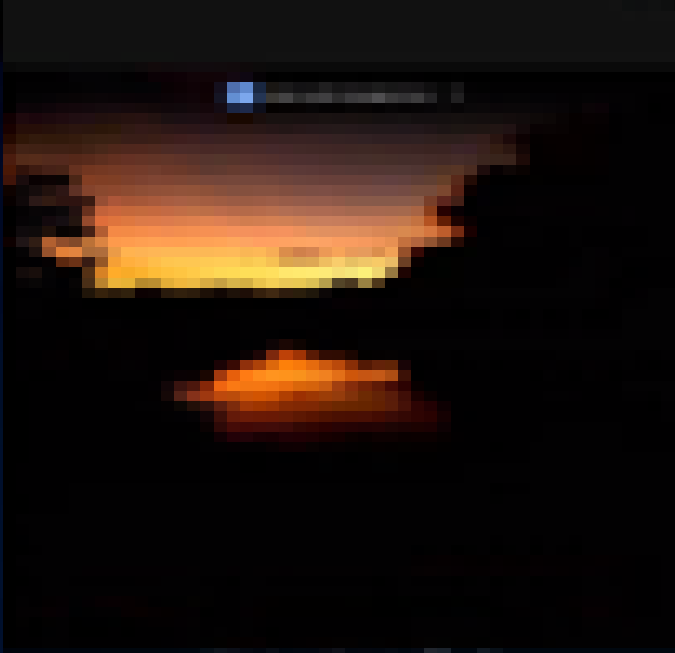
S&H | CREATIVE ARTS | I EEE B



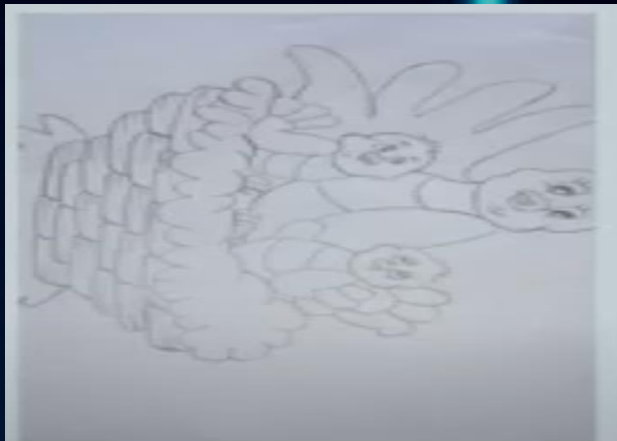
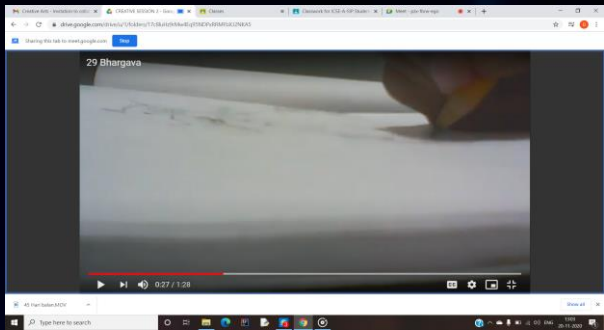
**S&H | CREATIVE ARTS | I CSE A**



**S&H | CREATIVE ARTS | I CSE A**



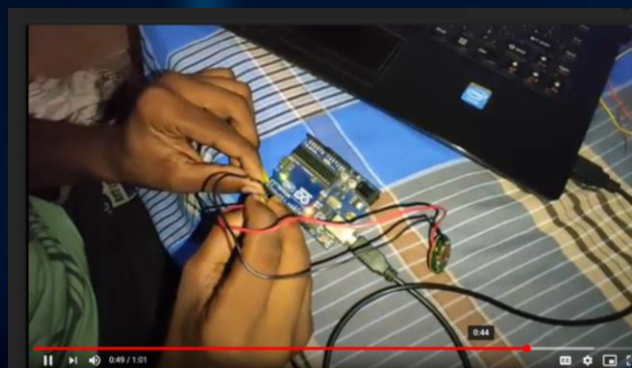
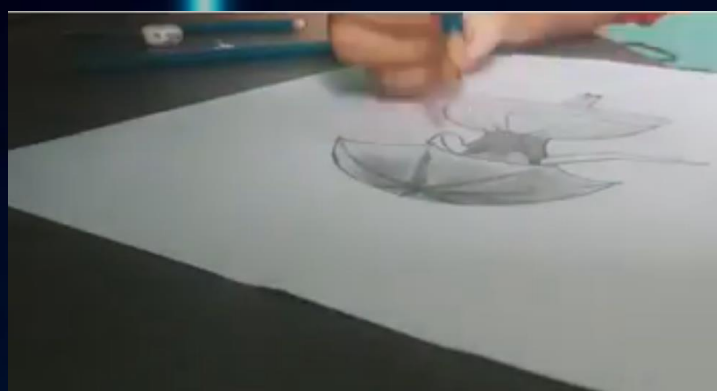
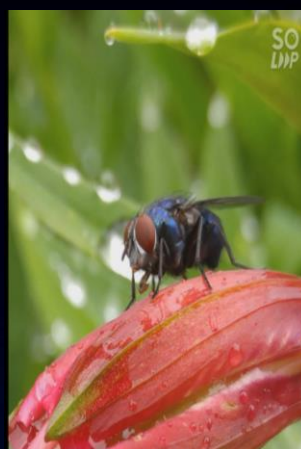
S&H | CREATIVE ARTS | I CSE A



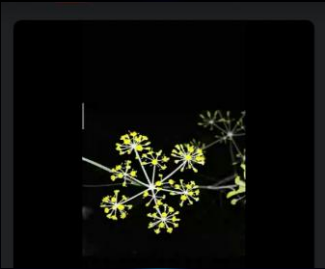
Students of First B.E. CSE A Section participated and exhibited their unique talents in Creative Arts Session facilitated by Dr B Sathishkumar, Professor and Head, Ms T Bhavani and Ms B Pavithra, Asst. Professors, Dept. of Science and Humanities during 19-20 November 2020.



S&H | CREATIVE ARTS | I CSE A

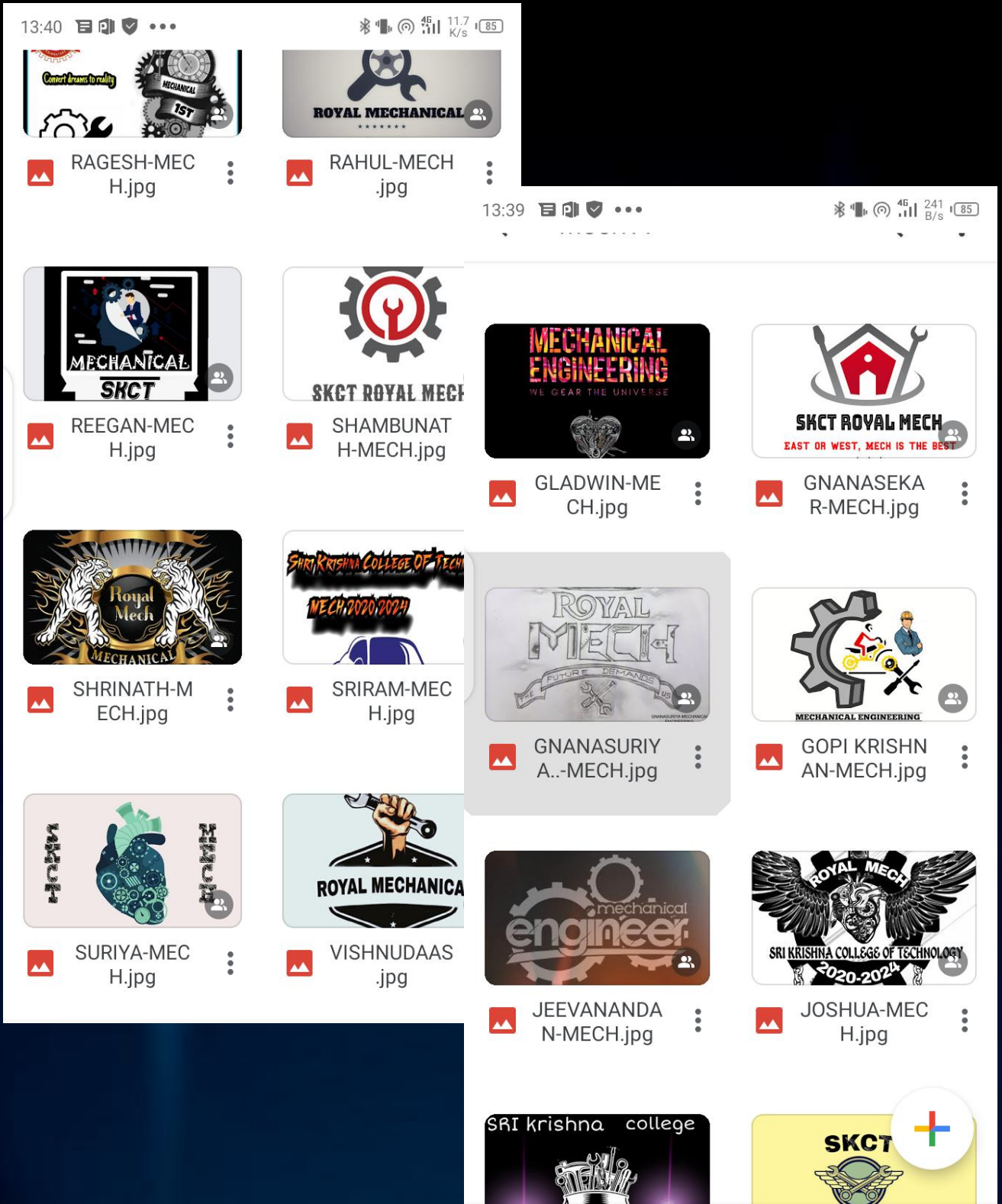


S&H | CREATIVE ARTS | I MECH A



Students of First B.E. Mechanical Engineering presented their creativity in Creative Arts Session facilitated by Dr N Nalini and Dr V Manikandan, Asst. Professors, Dept. of Science and Humanities during 19-20 November 2020.

S&H | CREATIVE ARTS | I MECH A



S&H | FITNESS



Mr Sai Ganeshan A S, Student of Final B.E. Civil Engineering, trained the students of First B.E. / B.Tech. in “**Student Induction Programme**” organised by the Dept. of Science and Humanities during 16-20 November 2020.

# **STUDENTS' FEEDBACK ON SJP**



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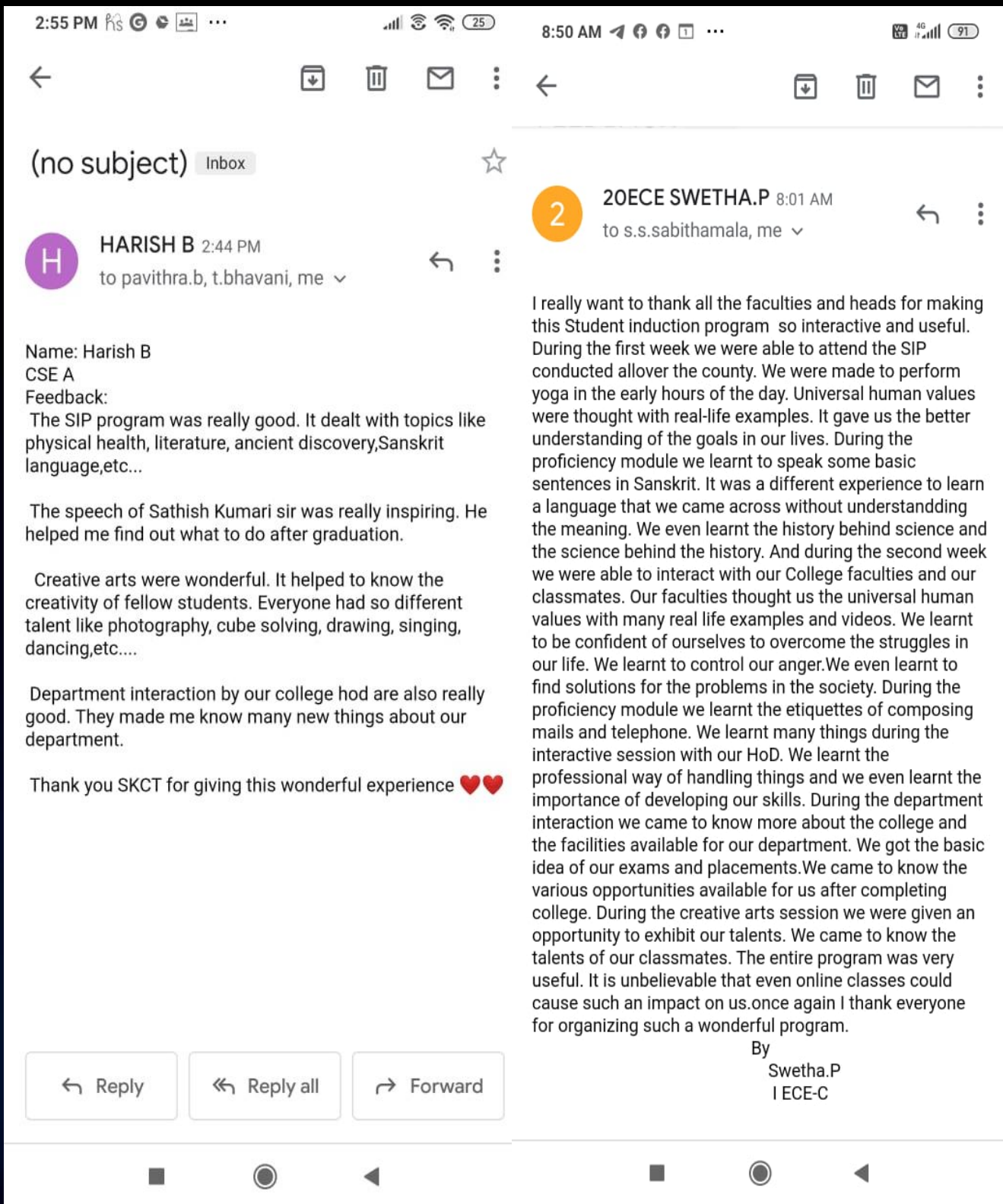
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S&H | FEED BACK



# S&H | FEED BACK

