



SKCT

DIGEST

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Principal**

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MoU SIGNED



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**SKCT | CISCO NETWORK ACADEMY – ICT ACADEMY |
MoU**

Sri Krishna College of Technology, Coimbatore has signed “**MoU with CISCO Network Academy**” through ICT Academy. Dr Srinivasan Alavandar, Principal, Dr G M Tamilselvan, Professor and Head Incharge, Dept. of IT, Dr Tamijeselvy, Professor and Head, Dept. of CSE, Mr Anand, Product Manager, Mr B B Vijay Babu, Relationship Manager, facilitated the session on 02 February 2021.

PROGRAMME ADVISORY COMMITTEE MEETING



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IT | PROGRAMME ADVISORY COMMITTEE MEETING

The screenshot shows a detailed Excel spreadsheet titled 'COURSE OUTCOME ATTAINMENT ANALYSIS'. The course is '18CS402 Design & Analysis of Algorithm' and the faculty is 'Lavanya G'. The spreadsheet is organized into columns for 'UNIT TYPE', 'CONTINUOUS ASSESSMENT 1', 'CONTINUOUS ASSESSMENT 2', and 'CONTINUOUS ASSESSMENT 3'. Each assessment column has sub-columns for 'CO1', 'CO2', 'CO3', 'CO4', and 'CO5'. Rows include 'TOTAL FOR EACH ASSESSMENT', 'TOTAL FOR EACH CO', 'Overall Marks (Obtained)', and a list of students with their individual marks for each assessment and CO. The bottom of the spreadsheet shows a 'Ready' status and a 'Circular Reference' warning.

The screenshot shows a Zoom meeting interface. On the right side, there is a 'People (14)' list with avatars and names: Dr. G.M. Tamil Selvan P..., Dr.R.Suganya, ASST.P..., Gopi Krishnan T, Jesso Clarence, Kanmani R, Kanmani R Presentation, Ms. D. Ranjani Asst Pr..., Ms. K. Mythili Asst Pro..., Ms. P. Alaguvathana A..., and Ms. P. Ilampiray Asst P... On the left side, there is a grid of video thumbnails for participants, with some names like 'Jesso Clarence', 'M', and 'G' visible.



The Dept. of Information Technology conducted a **“Programme Advisory Committee Meeting”** regarding the Curriculum Design, Academic Plan, Attainment, Industry Connect, etc. Dr R Sasikala, Assoc. Professor and Head, School of Computing Science and Engineering, VIT Vellore, Mr Jesso Clarence, Manager, Software Development, Akamai Technologies, Bangalore and Mr T Nandagopal, Technical Lead, MindTree, Bangalore, Dr G Umamaheswari, Assoc. Professor, Dept. of ECE, PSG College of Technology, Coimbatore, facilitated the session on 05 February 2021.

IT | PROGRAMME ADVISORY COMMITTEE MEETING

REC Kanmani R is presenting

SL. No.	Course Code	Course	L/T/P	Contact hrs./wk.	C	Ext./Int.	Cat.
THEORY							
1.	21ITExx	Professional Elective IV	3/0/0	3	3	60/40	PEC
2.	21ITExx	Professional Elective V	3/0/0	3	3	60/40	PEC
3.	21ITExx	Professional Elective VI	3/0/0	3	3	60/40	PEC
4.	21xxOxx	Open Elective II	3/0/0	3	3	60/40	DEC
5.	21xxOxx	Open Elective III	3/0/0	3	3	60/40	DEC
6.	21xxOxx	Open Elective IV	3/0/0	3	3	60/40	DEC
PROJECT WORK							
7.	21ITP02	Project Phase I	0/0/4	4	2	40/60	PROJ
EMPLOYABILITY ENHANCEMENT SKILLS							
8.	21INT01	Industrial Training	2 weeks		1	0/100	EES
TOTAL				22	21	700	

SL. No.	Course Code	Course	L/T/P	Contact hrs./wk.	C	Ext./Int.	Cat.
SEMESTER VIII							
PROJECT WORK							
1.	21ITP03	Project Phase II	0/0/20	20	10	40/60	PROJ
TOTAL				20	10	100	

g6tjzkrfu

REC

People (10)

Chat

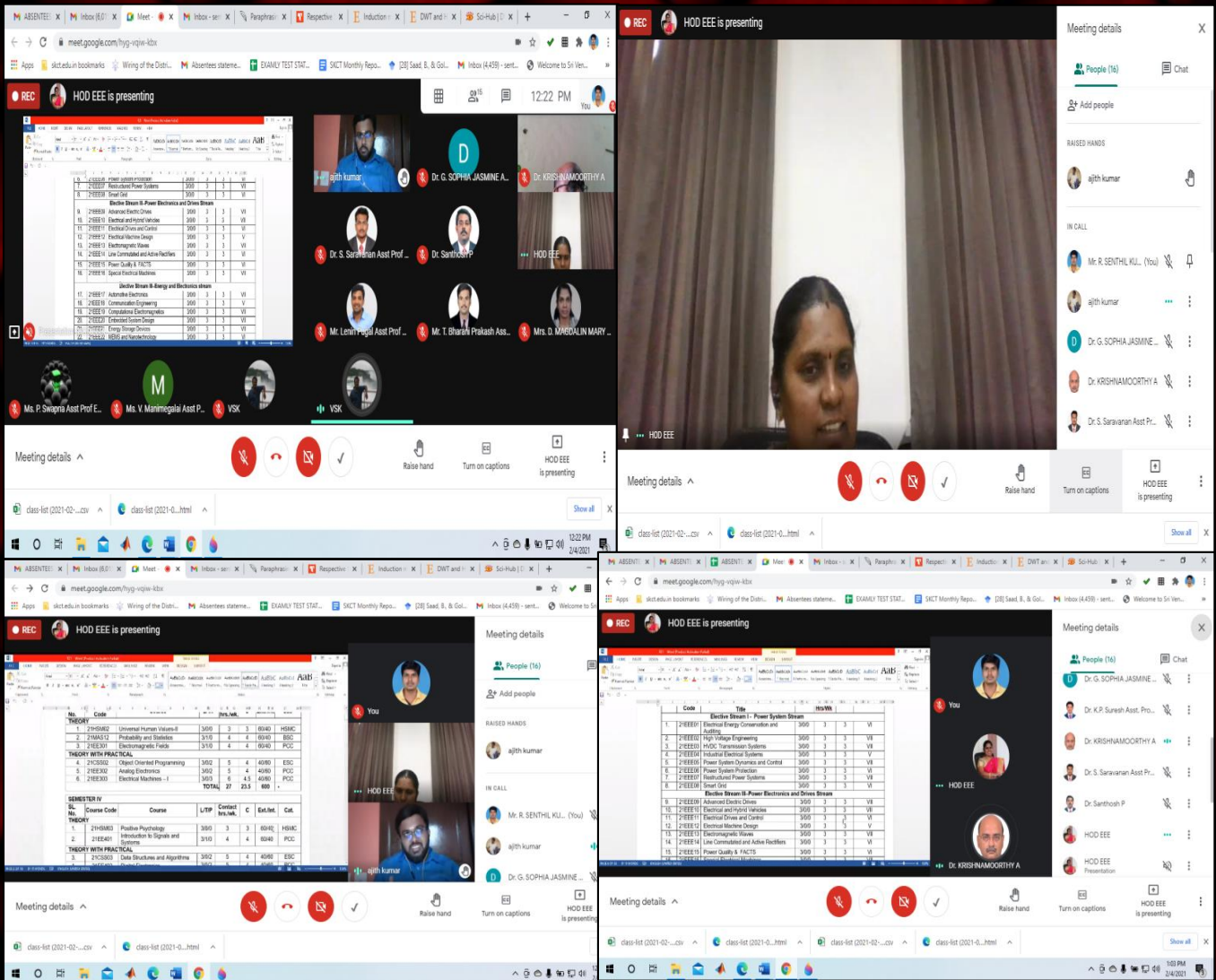
Add people

IN CALL

- Ms. S. Madumid... (You)
- Dr.R.Suganya, ASST. P...
- Gopi Krishnan T
- Kanmani R
- Ms. K. Mythili Asst Pro...
- Ms. P. Alaguvathana A...
- Ms. P. Ilampiray Asst P...
- Ms. S. Muthulakshmi A...

Participants: Kanmani R, Sasikala Karthi, Gopi Krishnan T, Dr.R.Suganya, ASST. PROF, Ms. P. Ilampiray Asst Prof IT, Ms. P. Alaguvathana Asst Prof IT, Ms. K. Mythili Asst Prof IT, Ms. T. Sangeetha ASST. PROF IT, Ms. S. Muthulakshmi Asst Prof IT

EEE | PROGRAMME ADVISORY COMMITTEE MEETING (PAC)



The Dept. of Electrical and Electronics Engineering conducted the “8th Programme Advisory Committee (PAC) Meeting” through virtual platform. Dr A Krishnamoorthy, Assoc. Dean, SASTRA University, Thanjavoor, Dr V Sureshkumar, Professor, Dept. of EEE, Thiyagarajar College of Engineering, Madurai and Mr Ajith, Cyber Security Developer, TCS, Chennai, facilitated the session and discussed regarding the curriculum on 04 February 2021.

SKCT | CIA-1 THROUGH ONLINE MODE



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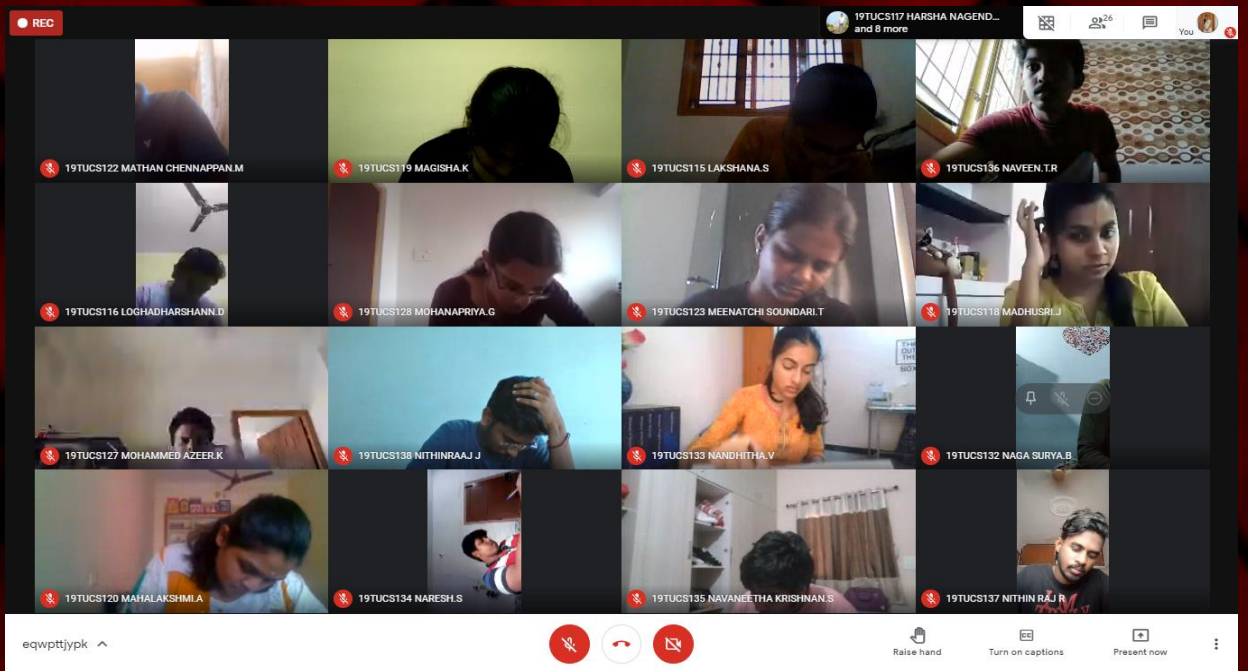
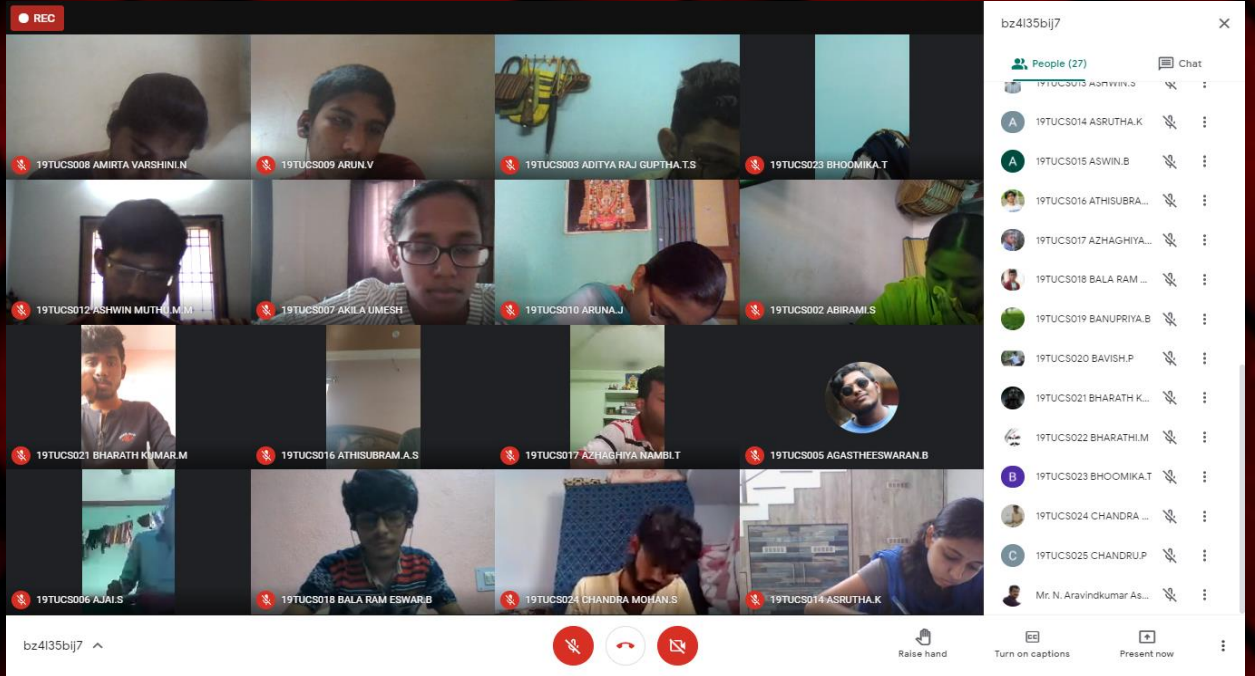


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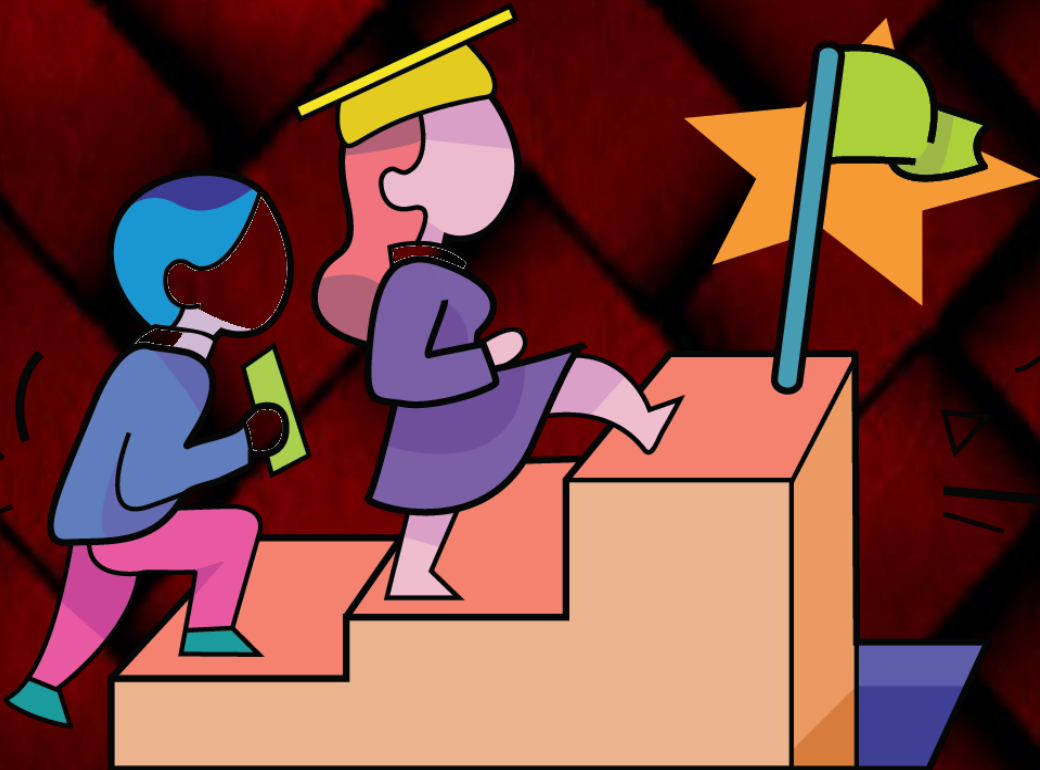
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SKCT | CIA-1 THROUGH ONLINE MODE



Students of SKCT attended the “Continuous Internal Assessment – I” through online mode during 02-04 February 2021.

STUDENTS' PARTICIPATION



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ECE | STUDENTS' PARTICIPATION | TECHNEX 21 | PROJECTMANIA |

ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING & TECHNOLOGY
 GAVSI MANAPUR, WARDHA ROAD, NAGPUR - 441108
 (Managed by Pallottine Fathers)



CERTIFICATE OF PARTICIPATION

This certificate is awarded to
Mr. Shankar M.
 for participating in event
"PROJECTOMANIA"
 held under Technex'21 on
 22 & 23 January 2021.

REF NO: TNX21PM023


Paul M
 Director

Principal
 Principal

Technex



ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING & TECHNOLOGY
 GAVSI MANAPUR, WARDHA ROAD, NAGPUR - 441108
 (Managed by Pallottine Fathers)



CERTIFICATE OF PARTICIPATION

This certificate is awarded to
Ms. Shankari G.
 for participating in event
"PROJECTOMANIA"
 held under Technex'21 on
 22 & 23 January 2021.


REF NO: TNX21PM039

Paul M
 Director

Principal
 Principal

Technex

ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING & TECHNOLOGY
 GAVSI MANAPUR, WARDHA ROAD, NAGPUR - 441108
 (Managed by Pallottine Fathers)



CERTIFICATE OF PARTICIPATION

This certificate is awarded to
Mr. Shyam Sagar V.
 for participating in event
"PROJECTOMANIA"
 held under Technex'21 on
 22 & 23 January 2021.

REF NO: TNX21PM048

Paul M
 Director

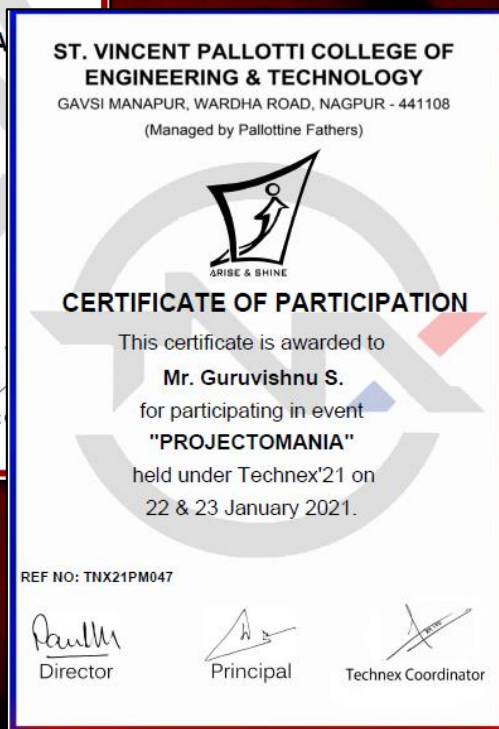
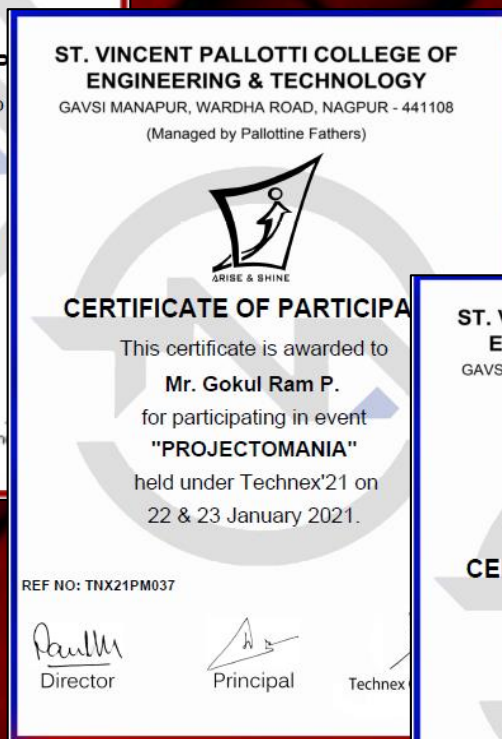
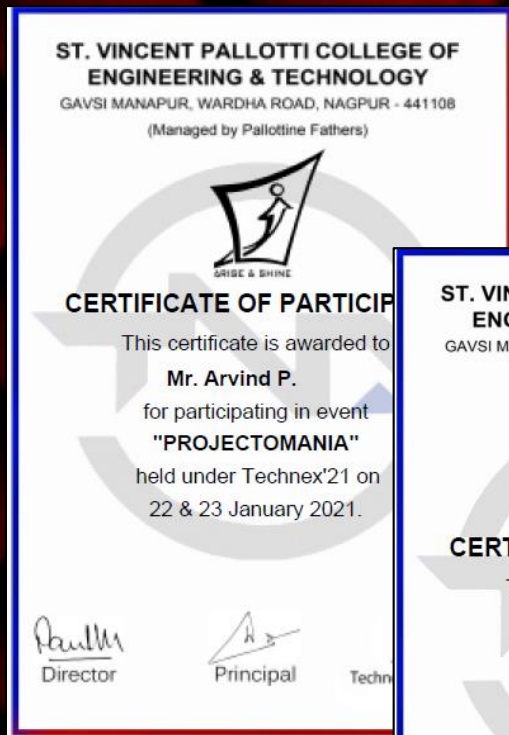
Principal
 Principal

Technex
 Technex Coordinator



Ms G Shankari, Mr V Shyam Sagar and Mr M Shankar, Students of Second B.E. ECE C section, participated in **"Projectmania"** held under Technex'21 organised by St. Vincent Pallotti College of Engineering and Technology, Maharashtra during 22-23 January 2021.

ECE | STUDENTS' PARTICIPATION | TECHNEX 21 |
PROJECTMANIA |



Mr P Arvind, Mr P Gokul Ram and Mr S Guruvishnu, Students of Final B.E. ECE A section, participated **"Projectmania"** held under **Technex'21** organised by St. Vincent Pallotti College of Engineering and Technology, Maharashtra during 22-23 January 2021.

EEE | STUDENTS' ACHIEVEMENT | FIRST ROUND -
MHRD'S IIC NATIONAL INNOVATION CONTEST 2020



S.NO	NIC2020/SH2020 ID	IDEA TITLE	IIC /SIH INSTITUTE ID	INSTITUTE NAME	STATE	ZONE
246	14730	Nemesis 'Emergency partner'	IC201810455	SRI ESHWAR COLLEGE OF ENGINEERING	Tamil Nadu	Southern/SRO
247	64497	Object detection for surveillance using Internet of Things	IC201810455	SRI ESHWAR COLLEGE OF ENGINEERING	Tamil Nadu	Southern/SRO
248	20433	Development of Virtual Reality based Yoga Tutor	IC201810347	SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY	Tamil Nadu	Southern/SRO
249	61966	HER hand	IC201810347	SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY	Tamil Nadu	Southern/SRO
250	56468	WIRELESS BIOMETRIC LOCK	IC201810347	SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY	Tamil Nadu	Southern/SRO
251	61934	Bots for collecting floating garbage in water bodies, cleaning oil spills and cleaning water hyacinth	IC201811144	SRI KRISHNA COLLEGE OF TECHNOLOGY	Tamil Nadu	Southern/SRO
252	63901	Effective usage of barren land in rural and urban areas using smart vertical farming	IC201811144	SRI KRISHNA COLLEGE OF TECHNOLOGY	Tamil Nadu	Southern/SRO
253	63711	H2O Pointer, A Portable Water Garbage Collector cum Quality Monitor	IC201811144	SRI KRISHNA COLLEGE OF TECHNOLOGY	Tamil Nadu	Southern/SRO
254	59883	INDEPENDENT WALKER FOR CEREBRAL PALSY CHILDREN	IC201811883	SRI RAMAKRISHNA ENGINEERING COLLEGE	Tamil Nadu	Southern/SRO
255	52904	Smart Fleet and Cargo Management System for Trucks	IC201811883	SRI RAMAKRISHNA ENGINEERING COLLEGE	Tamil Nadu	Southern/SRO
256	48357	Wearable Technology	IC201811883	SRI RAMAKRISHNA ENGINEERING COLLEGE	Tamil Nadu	Southern/SRO
257	50245	SPV THEFT DETECTOR	IC201811156	SRI SAI RAM ENGINEERING COLLEGE	Tamil Nadu	Southern/SRO
258	64502	Automated cargo carrying electric vehicle	IC201811089	SRI SAI RAM INSTITUTE OF TECHNOLOGY	Tamil Nadu	Southern/SRO
259	45239	RIVER POLLUTION CONTROL SYSTEM THROUGH EFFECTIVE MONITORING OF INDUSTRIAL EFFLUENT DISCHARGE	IC201811089	SRI SAI RAM INSTITUTE OF TECHNOLOGY	Tamil Nadu	Southern/SRO
260	64698	Solving Privacy and Security issues in Electronic Health Record (EHR) using Blockchain	IC201811089	SRI SAI RAM INSTITUTE OF TECHNOLOGY	Tamil Nadu	Southern/SRO
261	60105	POTPURE	IC201912849	Sri Sarada College for Women(Autonomous)	Tamil Nadu	Southern/SRO
262	48037	Artificial Intelligence based Vehicle Surveillance System	IC201810371	SRI VENKATESWARA COLLEGE OF ENGINEERING	Tamil Nadu	Southern/SRO
263	49447	Electric line Leakage Detection System(ELDS)	IC201810371	SRI VENKATESWARA COLLEGE OF ENGINEERING	Tamil Nadu	Southern/SRO
264	49033	Industry 4.0	IC201810371	SRI VENKATESWARA COLLEGE OF ENGINEERING	Tamil Nadu	Southern/SRO
265	44066	CLASSIC SPECTRA FAN: A Revolutionary Fanless and Silent Fan	IC201810371	SRI VENKATESWARA COLLEGE OF ENGINEERING	Tamil Nadu	Southern/SRO

Mr K Vasanth, Mr Ruthvick, Mr Richins Larvin, Mr Sri Pragash, Ms Priyangha, Ms Yazhini, Mr L Mitun and Mr B R Vignesh, Students from Sri Krishna College of Technology, Coimbatore, cleared the first round in “IIC National Innovation Contest 2020 on Bots for Collecting Floating Garbage in Water Bodies, Cleaning Oil Spills and Cleaning Water Hyacinth” organised by MHRD Innovation Cell, Govt. of India. Mr P Leninpugalhanthi, Asst. Professor, Dept. of EEE, mentored the students.

IT | STUDENT'S CERTIFICATION | CLOUD COMPUTING BASICS (CLOUD 101)



Mr Yoghesh S, Student of Second B.Tech. IT B section, completed an online course on “**Cloud Computing Basics (Cloud 101)**” authorised by LearnQuest and offered through Coursera on 05 February 2021.

**EEE | STUDENT'S CERTIFICATION ON
INTERNSHIP | HITECK ENGINEERING****HITECK ENGINEERING**

**SF No.483/2C-4A, Near Krishnammal College Compound,
Ellaithottam Road, Peelamedu,
Coimbatore-641004**

GST IN : 3AADFH1861K1ZH

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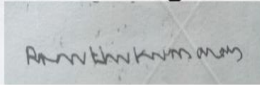
DATE : 01/02/2021

TO WHOM IT MAY CONCERN

Congratulations!!!

This is to certify that RAGHUL KARTHI B , student of BE (Bachelor of Electrical and Electronics Engineering), Sri Krishna College of Technology, Coimbatore, Tamil Nadu has successfully Completed 30 Days (From 2nd January, 2021 to 31st January, 2021) Internship programme at Hiteck Engineering manufacturers of Pumps and Motors . During the internship period, He was punctual, hardworking and inquisitive.

For, Hiteck Engineering



Mr B Raghul Karthi, Student of Third B.E. EEE B section, completed a Thirty-day **“Internship Programme”** organised by Hiteck Engineering, Coimbatore during 02-31 January 2021.

EEE | STUDENT'S CERTIFICATION | INPLANT TRAINING AT NATIONAL SMALL INDUSTRIES CORPORATION LIMITED



Ms R Mehaabinandhana, Student of Third B.E. EEE B section, completed an “**Inplant Training with Mini Project**” organised by National Small Scale Industries Corporation Limited (A Govt. of Enterprises), Chennai during 30 November-14 December 2020.

FACULTY PARTICIPATIONS



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**MECH | ONLINE CERTIFICATION ON INTRODUCTION
TO MACHINE LEARNING WITH SOUND**

This is to certify that

Sivaraman Parthasarathi

successfully completed and received a passing grade in

**Introduction to Machine Learning with
Sound**

(DW0101EN, provided by IBMDeveloperSkillsNetwork)

A course on cognitiveclass.ai
Powered by IBM Developer Skills Network.

Issued by
Cognitive Class

February 4, 2021

Authenticity of this certificate can be validated by going to:
<https://courses.cognitiveclass.ai/certificates/a03ab593f0af4de39b676f16ec6868a5>

Mr P Sivaraman, Asst. Professor, Dept. of Mechanical Engineering, completed a course and received a passing grade in a course on **“Introduction to Machine Learning with Sound”** through Cognitive Class by IBM Developer Skills Network on 04 February 2021.

MECH | ONLINE CERTIFICATION ON DATA SCIENCE WITH SCALA



This is to certify that

Sivaraman Parthasarathi

successfully completed and received a passing grade in

Data Science with Scala

(SCO105EN, provided by Lightbend)

A course on cognitiveclass.ai
Powered by IBM Developer Skills Network.

Issued by
Cognitive Class

February 5, 2021

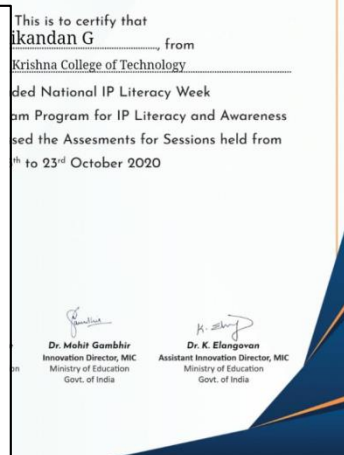
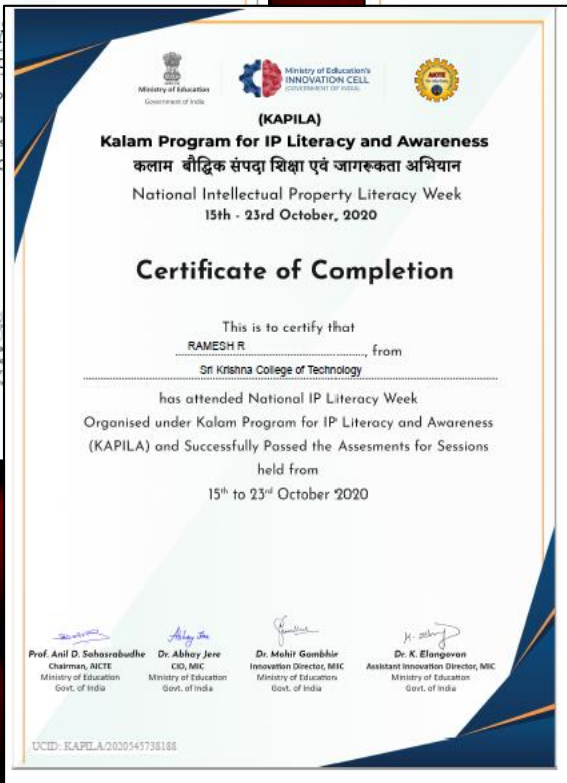
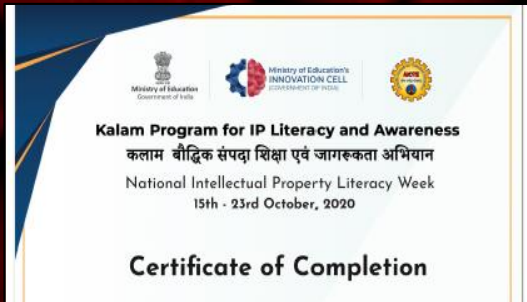
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<https://courses.cognitiveclass.ai/certificates/d620499bb97c49b9b9e755f96963ff87>

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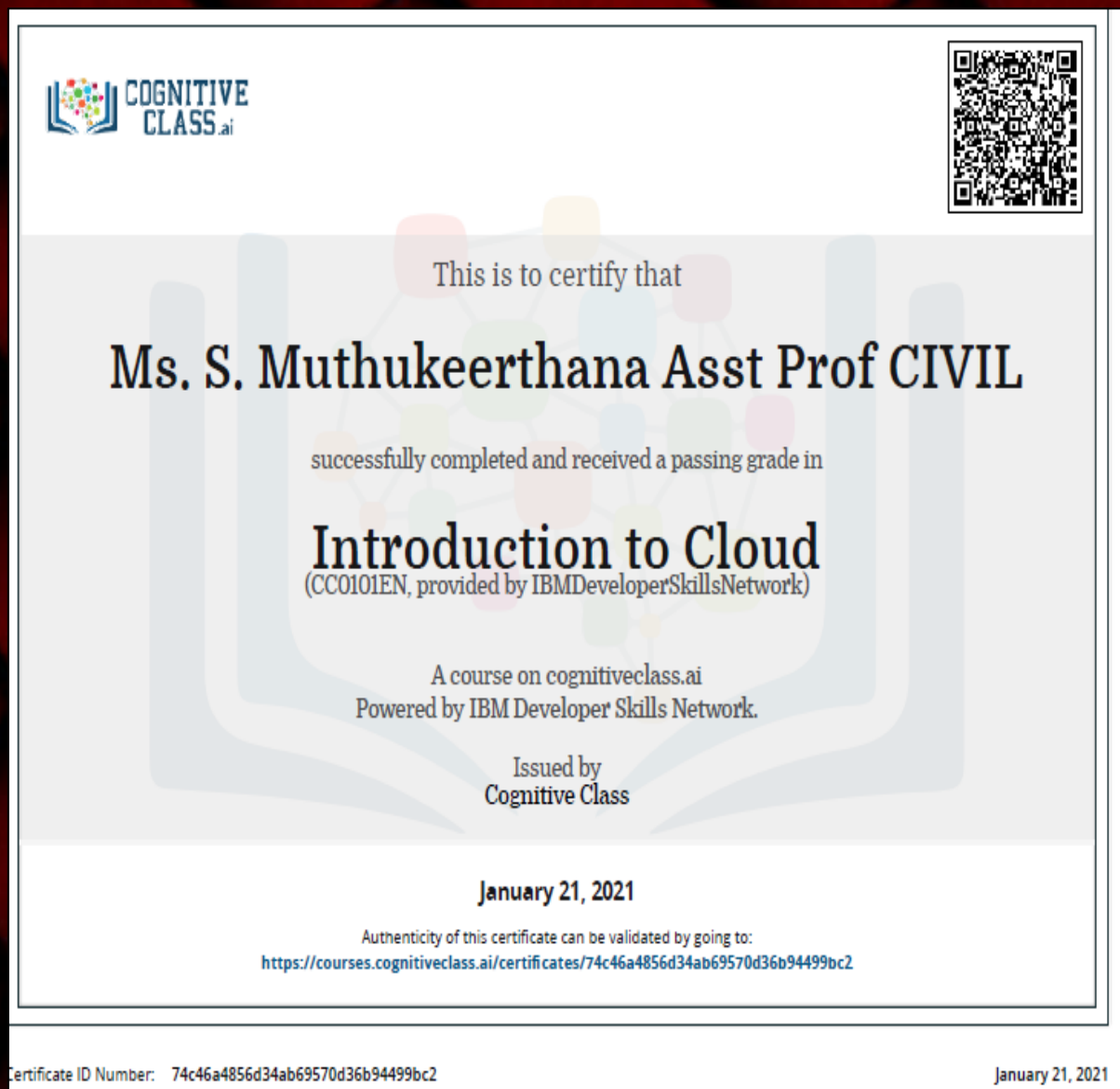
February 5, 2021

Mr P Sivaraman, Asst. Professor, Dept. of Mechanical Engineering, completed and received a passing grade in a course on “**Data Science with Scala**” organised by Cognitive Class by IBM Developer Skills Network on 05 February 2021.

CIVIL | FACULTY PARTICIPATION IN KAPILA NATIONAL IP LITERACY WEEK PROGRAM



Dr V Sreevidya, Professor, Mr G Manikandan and Mr R Ramesh, Asst. Professors, Dept. of Civil Engineering, attended a “**National Intellectual Literacy Week (KAPILA)**” organised by Ministry of Education Innovation Cell during 15-23 October 2020.

**CIVIL | FACULTY ONLINE CERTIFICATION IN IBM
DEVELOPER SKILL**

Ms S Muthukeerthana, Asst. Professor, Dept. of Civil Engineering, completed an online certification course on “**Introduction to Cloud**” powered by IBM Developer Skill Network on 21 January 2021.

RESEARCH



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ECE | PAPER PUBLICATION | ANALYSIS OF ADVANCED BIST METHODS FOR THREE DIMENSIONAL MESH NOCS ROUTER ASSESSMENT

← Analysis of advanced BIS...
sciencedirect.com

ScienceDirect

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Materials Today: Proceedings
Available online 28 January 2021
In Press, Corrected Proof

Analysis of advanced BIST methods for three dimensional mesh NOCs router assessment

M. Navin Kumar ^a✉ ... S. Karthikeyan ^c

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<https://doi.org/10.1016/j.matpr.2020.11.879>
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Abstract

Certain BIST designing for amazing and heterogeneous systems on a chip is given versatile; d

FEEDBACK

ARTICLE IN PRESS

Materials Today: Proceedings xxx (xxxx) xxx

Contents lists available at ScienceDirect
Materials Today: Proceedings
journal homepage: www.elsevier.com/locate/matpr

Analysis of advanced BIST methods for three dimensional mesh NOCs router assessment

M. Navin Kumar ^{a,*}, S. Sophia ^b, S. Karthikeyan ^c

^a Department of ECE, Sri Krishna College of Technology, Kovvur, Tamilnadu, India
^b Department of ECE, Sri Krishna College of Engineering and Technology, Gombalur, Tamilnadu, India
^c Department of ECE, Muthu Reddy Engineering College and Management Sciences, Telangana, India

ARTICLE INFO

Article history:
Received 3 November 2020
Accepted 17 November 2020
Available online xxx

Keywords:
BIST structural design
3-D NOC
Power
Time constraints
Memory framework

ABSTRACT

Certain BIST designing for amazing and heterogeneous systems on a chip is given versatile; different leveled, and flowed power-restricted, embedded memory. The proposed structure contains a BIST designing in a 3-D NOC, low region, low power memory BIST control system, and a consecutive interconnection to them for low coordinating overheads. The plan is 3D advancement due to its straightforwardness; the proposed approach offers heterogeneous memories similarly as the screw up spotting to restrict time multifaceted nature and achieve high test earnestness in power and time prerequisites. Simulation results indicate better results than conventional approach.
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Selection and peer-review under responsibility of the scientific committee of the Emerging Trends in Materials Science, Technology and Engineering.

1. Introduction

There has been a noteworthy improvement in application limits of unsharper customer necessities for advancements, and Gates keeps on declining. A few centers can, subsequently, be consolidated in a solitary bite the dust and permit the SOC (system-on-chip) to upgrade execution. The specialists and originators are progressively examining an elite and versatile correspondence framework to address interconnection intricacy issues in multiprocessor frameworks on chips. A chip network incorporates switches, associations, Ns, and centers that can be designed to normalized switches or highlight point channels interlinking IP centers [1-14]. The framework can then associate with a chip organization. Any of these components might be flawed. NoC outlines are similarly less controllable or discernible as they can be to some degree interconnected and dissipate through the chip. Concerning this issue, Built-in Self-Test (called BIST) was created to conquer it. BIST-based methodologies have raised chip overhead, which brings about corruption of execution and expanded dispersion of intensity. A few different works have been proposed with respect to the NoC Test Architecture to team up with the engineering of correspondence and lessen overhead. The Test Access Switch (TAS) is utilized to relate one switch, and TAS communicates all the test sets. Two TASs were utilized where one is on the lower right of the framework, and the other on the upper right of the framework. The advantage was appeared in testing time, however there is no compelling reason to change the situation of TAS, and an alternate directing calculation is normal. Here in this paper, we propose an elective NoC programming research configuration approach. We use NoC processors to deal with the whole examination methodology for this framework plan [15-23].

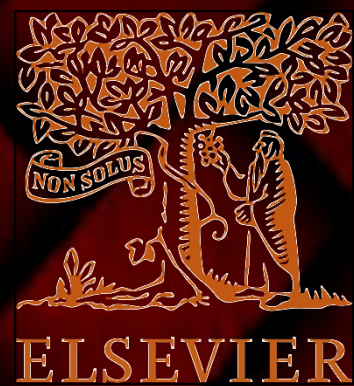
The BIST engineering was utilized for the installed frameworks with a solitary processor until multipurpose innovation was created to deal with the entire testing action. For this cycle, the focal handling unit was utilized. Through planning confounded implanted frameworks of a few processors, some exploration has attempted to limit every processor's test time using different center equal systems utilizing a similar BIST. So as to lead a compelling switches study, our serious BIST framework configuration can have alluring attributes when contrasted with the other existing BIST frameworks. The thought behind our procedure was that the center fills in as a message age focus in a NoC to create the test bundles utilized for switch testing [24-30].

The paper can be organized as The current BIST advancements as portrayed in segment 2; The recommended strategy was investigated in Section 3. Then examination results were recorded in Section 4. At last, our work is summed up in the segment 5.

* Corresponding author.
E-mail address: navinkumar.mtk@skct.edu.in (M. Navin Kumar).

<https://doi.org/10.1016/j.matpr.2020.11.879>
2214-7853/© 2020 Elsevier Ltd. All rights reserved.
Selection and peer-review under responsibility of the scientific committee of the Emerging Trends in Materials Science, Technology and Engineering.

Please cite this article as: M. Navin Kumar, S. Sophia and S. Karthikeyan, Analysis of advanced BIST methods for three dimensional mesh NOCs router assessment, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2020.11.879>



Mr M Navin Kumar, Asst. Professor, Dept. of ECE, published a paper on “Analysis of Advanced BIST Methods for Three Dimensional Mesh NOCs Router Assessment” in Material Today: Proceedings, Elsevier on 01 February 2021.

CIVIL | SCOPUS PAPER PUBLICATION IN SPRINGER

 Springer Link

Original Paper | Published: 19 January 2021

Earthquake vulnerability of city regions based on building typology: rapid assessment survey

Dharsana Satish, E. Lalith Prakash & K. B. Anand [Asian Journal of Civil Engineering](#) (2021) | [Cite this article](#)6 Accesses | [Metrics](#)

Abstract

India positions among the top five nations which have been hit by the most number of catastrophic events in the preceding decade. The current study is focussed on seismic vulnerability assessment of buildings by FEMA (Federal emergency management agency) guidelines (HAZUS methodology) in selected regions of a Tier II city of south India—Coimbatore (falling in Zone III as per BIS 1893–2016). For the present study, an earthquake event with a moment magnitude (M_w) 5.4 is considered, which is the Maximum considered event (MCE) for Coimbatore. The predominant typologies of existing buildings of the selected city regions (designated as Corporation wards) are determined by Rapid Visual Screening (RVS methodology). Six model building types were predominant and their peak building response was obtained with the intersection of the capacity curve and demand spectra. Peak building response is utilized for determining the damage probability states viz., slight, moderate, extensive and complete for the building types. The vulnerability index of model building type was obtained by taking a weighted average of damage probability. The distribution of buildings in each ward is incorporated with model building damage probabilities to identify wards of higher seismic vulnerability. The significant variation in the ward wise vulnerability index of selected wards highlights the influence of building typology their distribution pattern across the different regions of the city.

Ms S Dharsana, Asst. Professor, Dept. of Civil Engineering, published a paper on “**Earthquake Vulnerability of City Regions based on Building Typology: Rapid Assessment Survey**” in an Asian Journal of Civil Engineering (Scopus Indexed).

NEW VISTAS OF LEARNING



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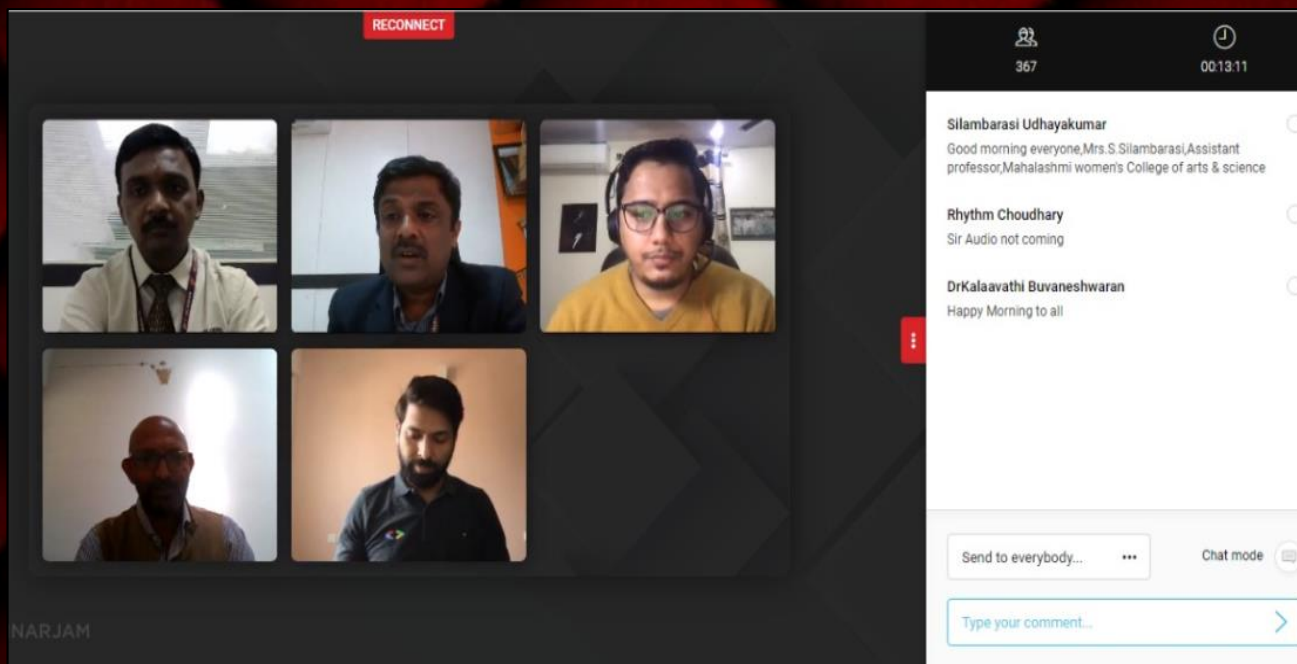


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IT | WEBINAR ON OPPORTUNITIES IN MOBILE APP DEVELOPMENT



Mr Sureshkumar A, Asst. Professor, Dept. of IT, attended an online webinar on **“Opportunities in Mobile App Development”** organised by Google & ICT Academy on 02 February 2021.

ECE | WEBINAR ON ELIMINATE SCHEMATIC DESIGN ERRORS WITH AUTOMATED VERIFICATION

How It Works

The process starts with **Datasheets**, which are converted into **Rules** (Typical Application Schematics). These rules are then used to generate **Models**.

Ask a question

Please provide your name to ask a question

Type in your name...

Ask a question to the speakers

Ask Question

VJ 09:10 PM
pl click on speaker symbol on the page.. that worked for me

SU Sumanth 09:10 PM
Thanks ! It Worked

HE Hemant 09:10 PM
hi

SR Srivatsava 09:11 PM
Is it stopped or am is it my network issue

Please provide your name to ask a chat

Type in your name...

Say hi...

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6-Step Analysis

The 6-step analysis process is as follows:

- Import Part List (Or use Xpedition Designer)**: Includes a 'Validate' menu with options like 'Launch Xpedition Valydate', 'Create Valydate Project', etc.
- Create & Load Models**: Shows a table of model part numbers and descriptions.
- Import Netlist (or use Xpedition Designer)**: Includes another 'Validate' menu.
- Assign Voltages**: Shows a table of part numbers and their assigned voltages.
- Run Analysis**: A 'Run Schematic Integrity Analysis' button.
- Review Results**: Shows a summary of analysis results with counts for various categories.

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Mr M Navin Kumar, Asst. Professor, Dept. of ECE, attended a webinar on **“Eliminate Schematic Design Errors with Automated Verification”** organised by Siemens on 03 February 2021.

MECH | WEBINAR ON BASICS OF AIRCONDITIONING

meet.google.com/uzo-czft-kdr

REC raju sankarachettiar is pres

ISHRAE Coimbatore Chapter

What is meant by Air Conditioning ?!

- + . Air Conditioning, many might feel reduced to lower level make people comfortable, but meaning may be read as " the process by which Temperature , Humidity are maintained in order to provide Comfort to the Occupants "
- + . Cleaner / Filtered air movement at certain velocity enhances Comfort level of Occupants

Psychrometric Chart for HVAC Analysis

ISHRAE Coimbatore Chapter

RECAP of few Important Points discussed are

- + What is meant by Air Conditioning?
- + Comfort conditions .. Meaning.
- + DBT, WBT, RH .
- + Psychrometric Chart
- + Heat Load
- + TR (Ton of Refrigeration) , ADP.
- + Air Flow CFM or CMH.
- + Compressor , Condenser , Evaporator/ Chiller.
- + Air Handling unit , Air Distribution System, Grilles/Diffusers
- + Different Types of ACs .. Applications of Air Conditioning.

Meeting details

Having known Tonnage , air quantity etc. , our next step is to select basic equipment's of Air Conditioning and Air Distribution System. They are,

- ✦ Chiller Unit or Condensing Unit type, model and quantity.
- ✦ Air Handling equipment with suitable evaporator/cooling coils
- ✦ Supply air ducting layout with proper air outlet positioning with sizing as well proper sizing and routing of return air back into air handling units.

Meeting details

Meeting details

Students of Second B.E. Mechanical Engineering attended a webinar on "**Basics of Airconditioning**" organised by the Dept. of Mechanical Engineering in association with ISHRAE Coimbatore Chapter on 05 February 2021.

FDPs ATTENDED



@skctdigest

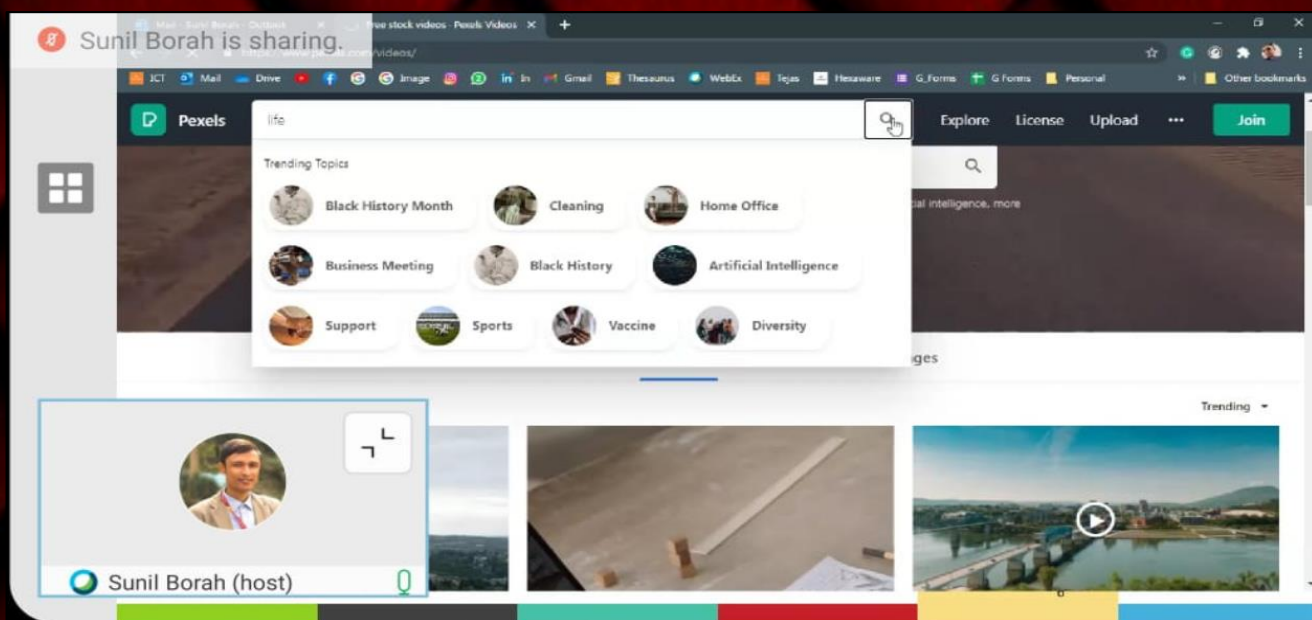
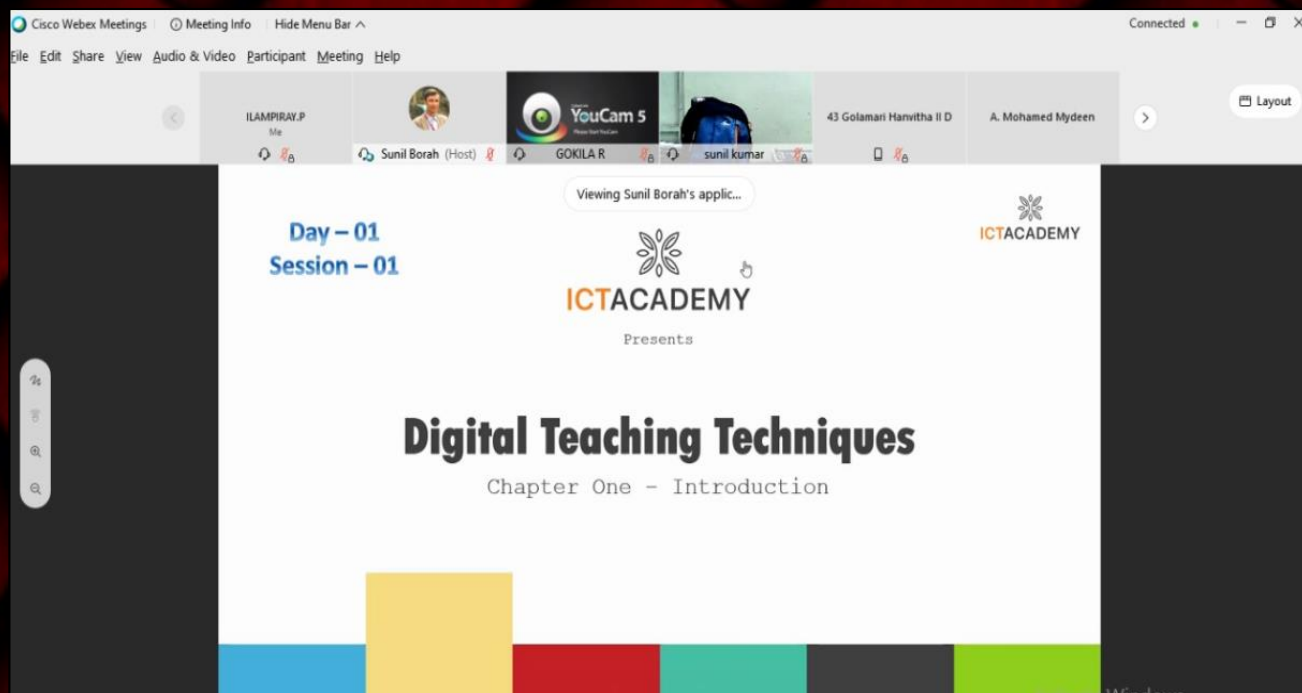


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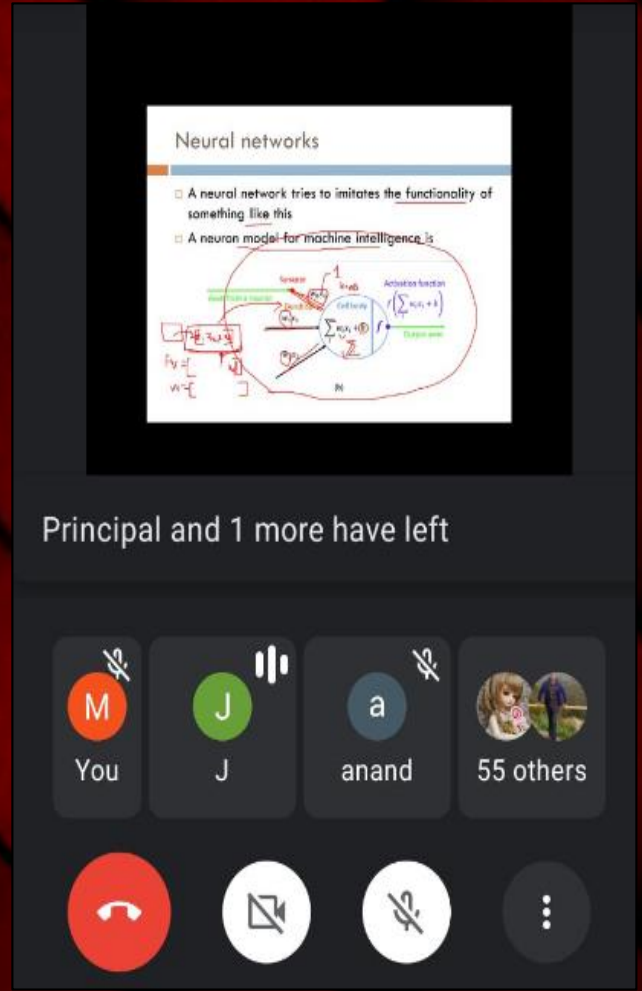
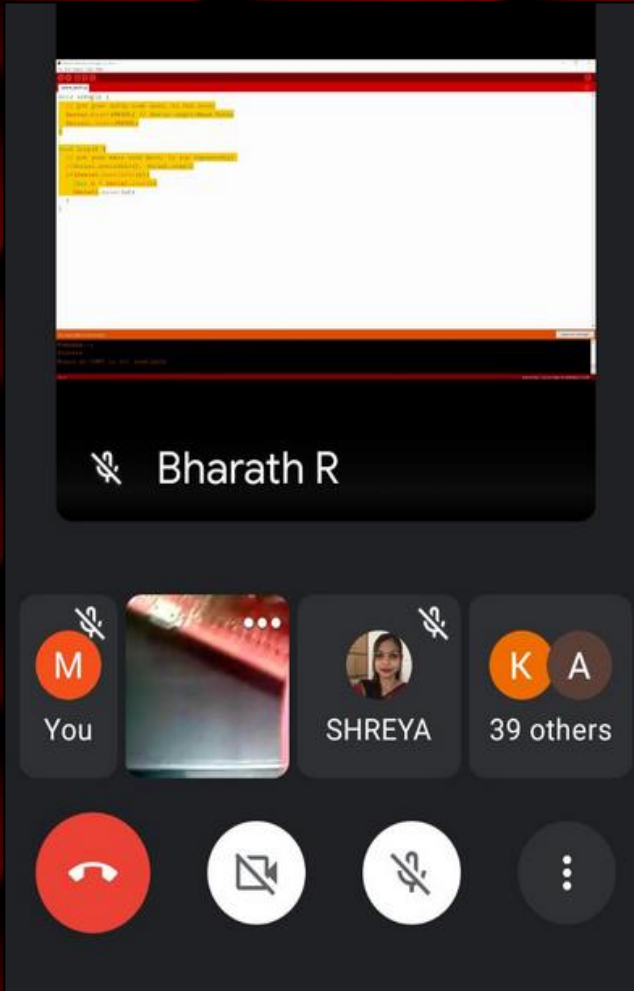
digestfeedback@skct.edu.in

IT | FDP ON DIGITAL TEACHING TECHNIQUES



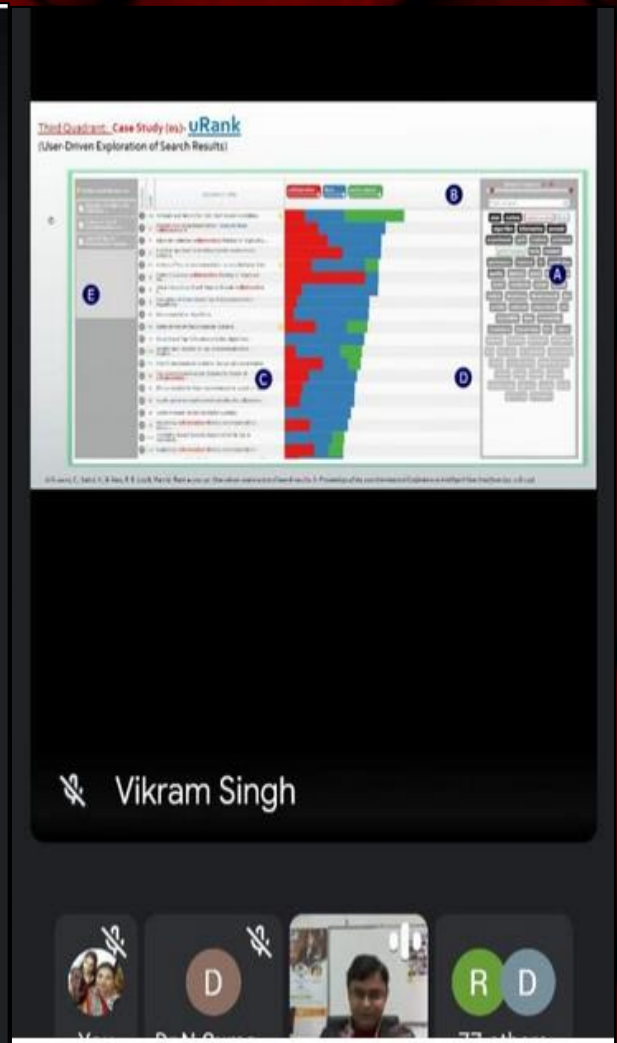
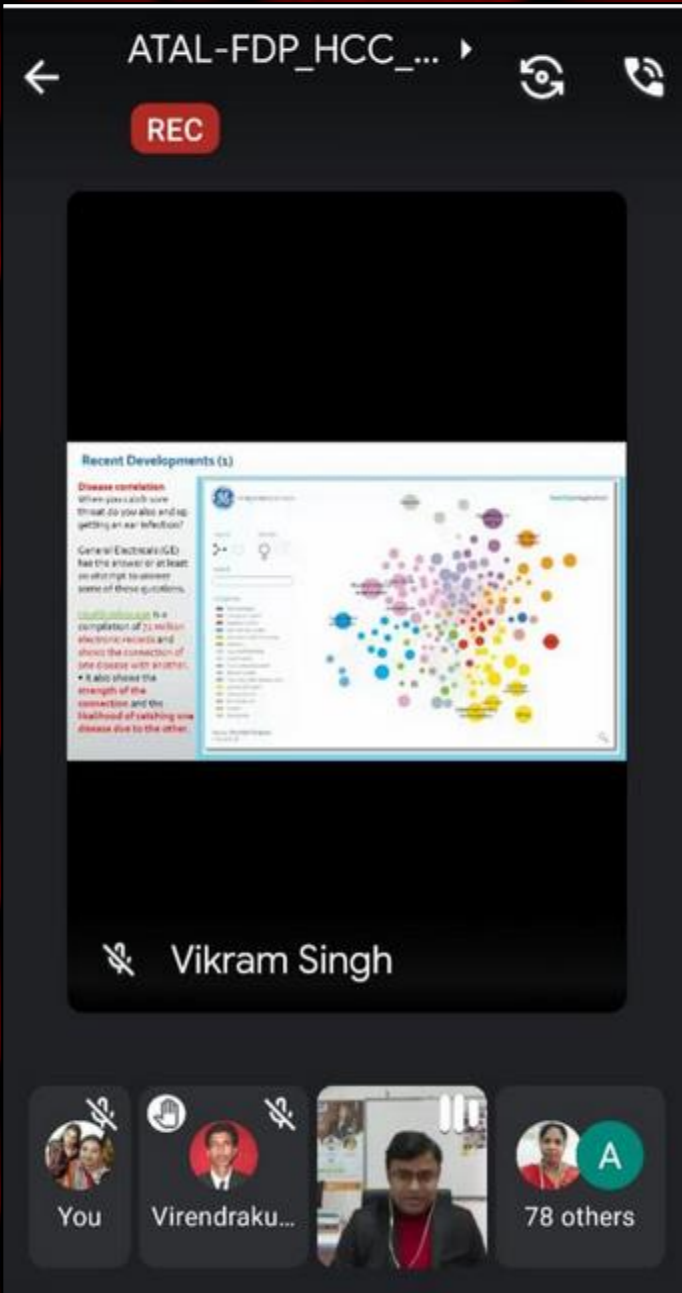
Ms Illampiray P, Asst. Professor, Dept. of IT, completed a one-week Atos Syntel sponsored online certification course on “**Digital Teaching Technique**” organised by ICT Academy during 01-06 February 2021.

IT | FDP ON MACHINE LEARNING APPLICATIONS TO INTERNET OF THINGS



Ms Mythili K, Asst. Professor, Dept. of IT, attended a one-week AICTE Sponsored online Faculty Development Programme on “**Machine Learning Applications to Internet of Things**” during 01-06 February 2021.

IT | FDP ON HUMAN CENTRE COMPUTING



Ms Roopa V, Asst. Professor, Dept. of IT, attended a one-week AICTE Sponsored online Faculty Development Programme on “**Human Centre Computing**” organised by CMR Institute of Tech, Bengaluru during 01-05 February 2021.

MECH | STTP ON FUTURE PERSPECTIVE AND CHALLENGES OF CLEAN ENERGY UTILIZATION IN INDIA PHASE I

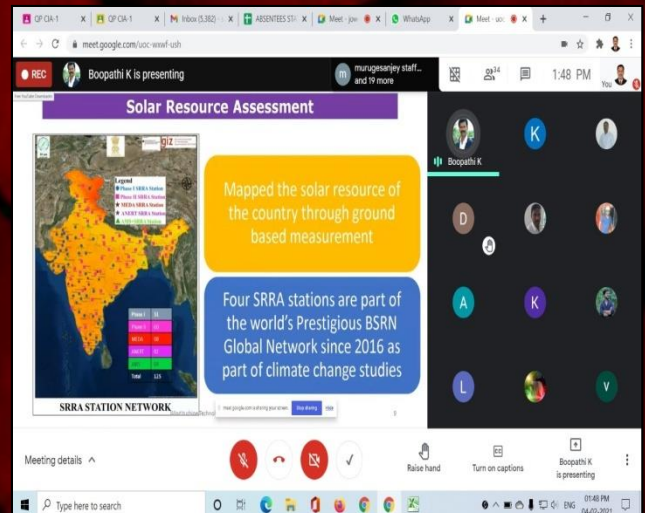
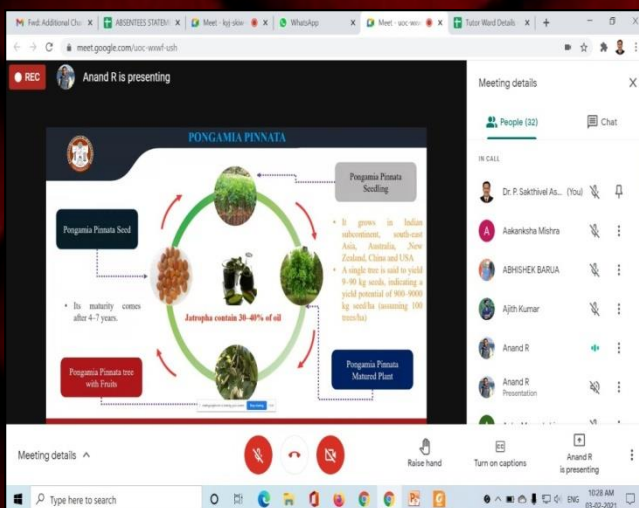
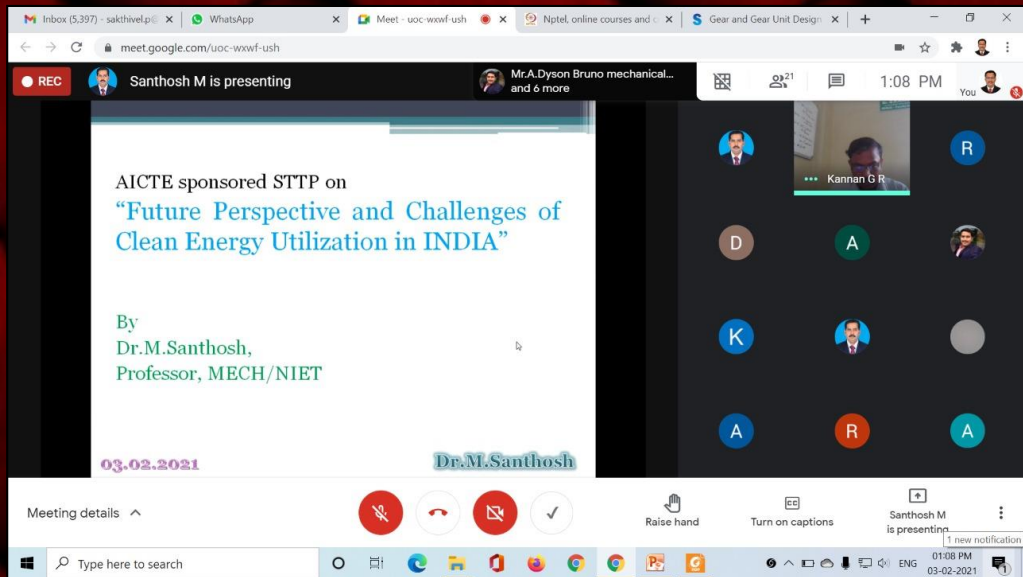
The screenshot shows a Google Meet interface with a presentation slide titled "Design and Development of Fuzzy Focal Solar Dish Collector". The slide content includes:

- Title:** Design and Development of Fuzzy Focal Solar Dish Collector
- Text:** Solar dish collector is one of the most efficient solar collectors. The ideal optical configuration for the dish concentrator is a paraboloidal mirror.
- Equation:** The focal image width of a fuzzy solar paraboloidal dish is:
$$D_f = \frac{4 \cdot f \cdot \tan(\alpha + \Delta\alpha)}{(1 + \cos\alpha) \cos\theta}$$
- Diagram:** A diagram of a solar dish collector with a receiver at the focus.
- Text:** 20m, 15kW, @ 6400, $\eta_a = 67\%$
- Text:** The receiver design is very important for efficient collection of solar radiation.
- Text:** The essential feature of the receiver is to absorb maximum amount of reflected radiation with minimum heat losses to the ambient.
- Text:** The estimation of heat losses from the receiver is an important input to the performance evaluation of the solar dish collector.
- Text:** In solar concentration systems, the heat losses are governed by:
 - Geometry
 - Orientation
 - Temperature
 - Wind speed and direction
- Text:** The modified cavity receiver is more efficient among the cavity receivers.
- Text:** © Sankar Sankar, K J Somaiya Group of Institutions, © 2019-2020

The Meet interface shows a grid of participants including: 041 GANES..., A Vembathur..., Aakanksha..., ABHISHEK B..., Ajith Kumar, alex george, Anandhan R, Anbu Meena..., Arunrajan Fa..., Ashutosh Mi..., Dr. S. Sundar..., Dr.G.R.Kann..., Dr.G.R.Kann..., Hruthick Ra..., K.Kannan M..., Kannan G R, Kannan G R, Kathiravan T..., KIRTI PANDEY, Mahendran..., Malathi Mani, mani kandan, Manivel N, Mr.M.Eswara..., Raja S, Ramya Km, sanat utchil, Santhosh ku..., saranya alag..., sheela v, Srinivas Red..., Swagat Dwib..., Thiru Senthil..., veeresh m le..., vnrājujampa...

Dr P Sakthivel, Assoc. Professor, Dept. of Mechanical Engineering, attended the AICTE - STTP on “Future Perspective and Challenges of Clean Energy Utilization in INDIA Phase I” organised by PSNA College of Engineering and Technology, Dindigul during 01-06 February 2021.

MECH | STTP ON FUTURE PERSPECTIVE AND CHALLENGES OF CLEAN ENERGY UTILIZATION IN INDIA PHASE I



Dr P Sakthivel, Assoc. Professor, Dept. of Mechanical Engineering, attended the AICTE - STTP on **“Future Perspective and Challenges of Clean Energy Utilization in INDIA Phase I”** organised by PSNA College of Engineering and Technology, Dindigul during 03-04 February 2021.

MECH | FDP ON ADVANCES IN COMPOSITE MATERIALS AND THEIR APPLICATIONS



CMR INSTITUTE OF TECHNOLOGY

(UGC AUTONOMOUS)

Approved by AICTE | Accredited by NAAC with 'A' Grade
All B.Tech Programs Accredited by NBA



CERTIFICATE OF PARTICIPATION

Dr.N.Mohan Raj

Sri Krishna College of Technology

has participated in Three Day Faculty Development Programme on “Advances in Composite Materials and their Applications” organized by the Department of Mechanical Engineering, CMR Institute of Technology from 25th to 30th January 2021.

Dr.T.Vishnu Vardhan
Organizing Chair

Dr.M.Janga Reddy
Director

Dr N Mohan Raj, Assoc. Professor, Dept. of Mechanical Engineering, attended a Three-day FDP on “Advances in Composite Materials and their Applications” organised by CMR Institute of Technology, Bengaluru during 25-30 January 2021.

EEE | FACULTY PARTICIPATION | ONLINE FDP ON EFFECTIVE STRATEGIES TO IMPROVE MENTOR – MENTEE BONDING



EASWARI ENGINEERING COLLEGE (Autonomous)

(A Unit of SRM Group of Educational Institutions)
Approved by AICTE, Affiliated to Anna University, Chennai. NAAC - Accredited
ISO 9001 : 2015 Certified, NBA Accredited Programmes.



Department of Electronics and Communication Engineering

Certificate of Participation

This is to Certify that **Mr. LENINPUGALHANTHI P** of *Sri Krishna College of Technology* has participated in “*3-days online FDP Effective strategies to improve Mentor – Mentee bonding*” organised by Easwari Engineering College, during 20th Jan 2021 to 22nd Jan 2021.

Coordinator

Mr. M. Kirankumar

Coordinator

Dr. S. R. Sriram

Convener

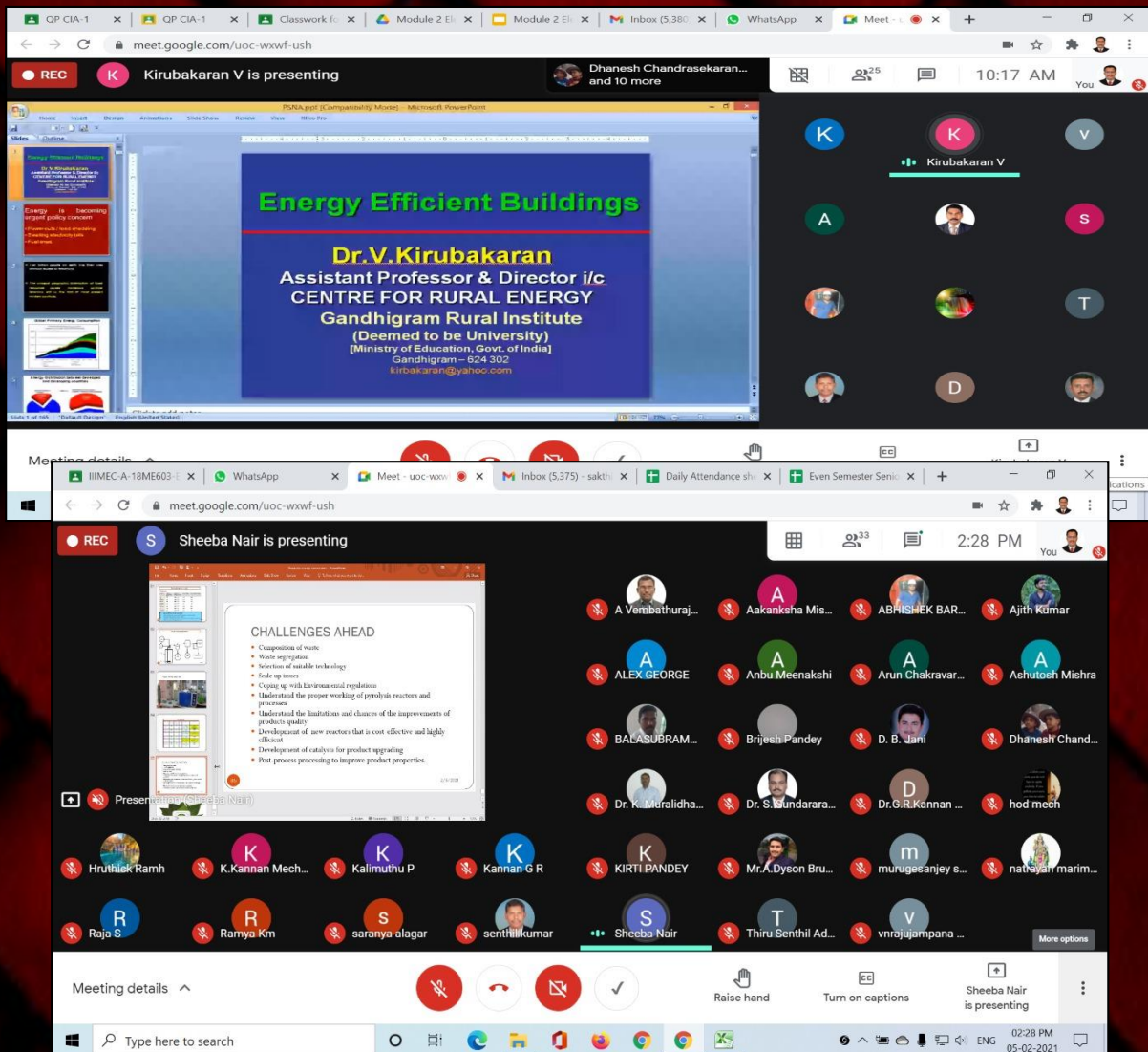
Dr. M. Devaraju/Head ECE

Principal

Dr. R. S. Kumar

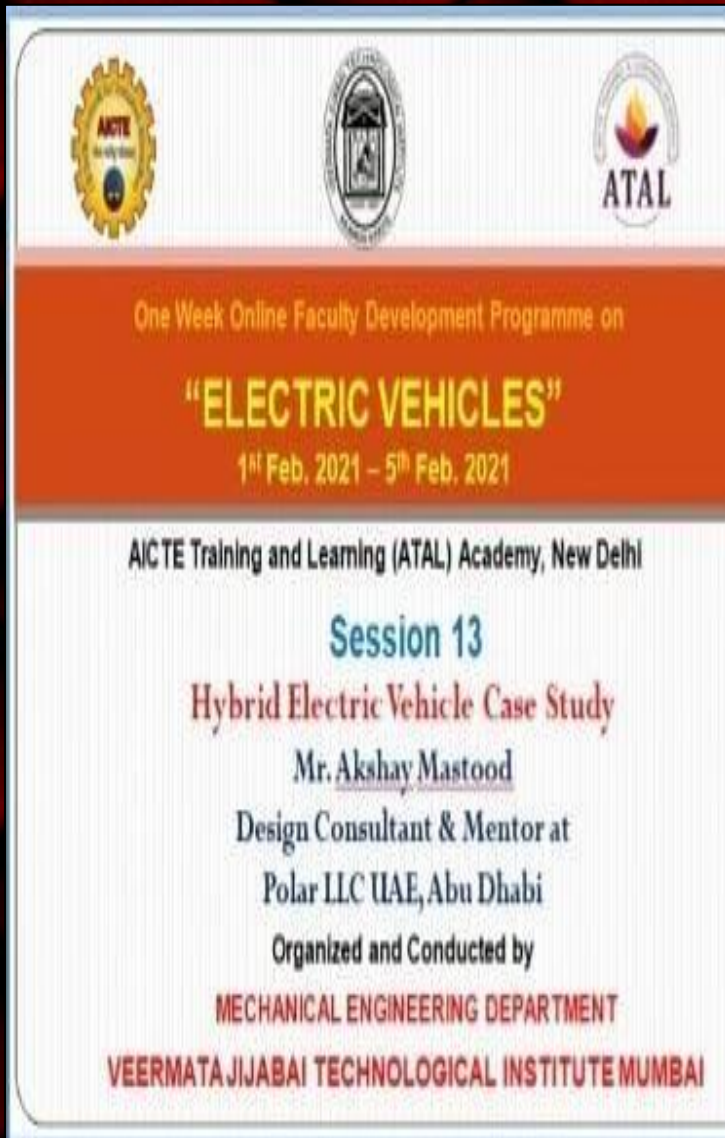
Mr P Leninpugalhanthi, Asst. Professor, Dept. of EEE, attended a Three-day online FDP on “**Effective Strategies to Improve Mentor – Mentee Bonding**” organised by the Dept. of Electronics and Communication Engineering, Easwari Engineering College, Chennai during 20-22 January 2021.

MECH | STTP ON FUTURE PERSPECTIVE AND CHALLENGES OF CLEAN ENERGY UTILIZATION IN INDIA PHASE I



Dr P Sakthivel, Assoc. Professor, Dept. of Mechanical Engineering, attended Day 5 of the AICTE - STTP on "Future Perspective and Challenges of Clean Energy Utilization in INDIA Phase I" organised by PSNA College of Engineering and Technology, Dindigul during 03-05 February 2021.

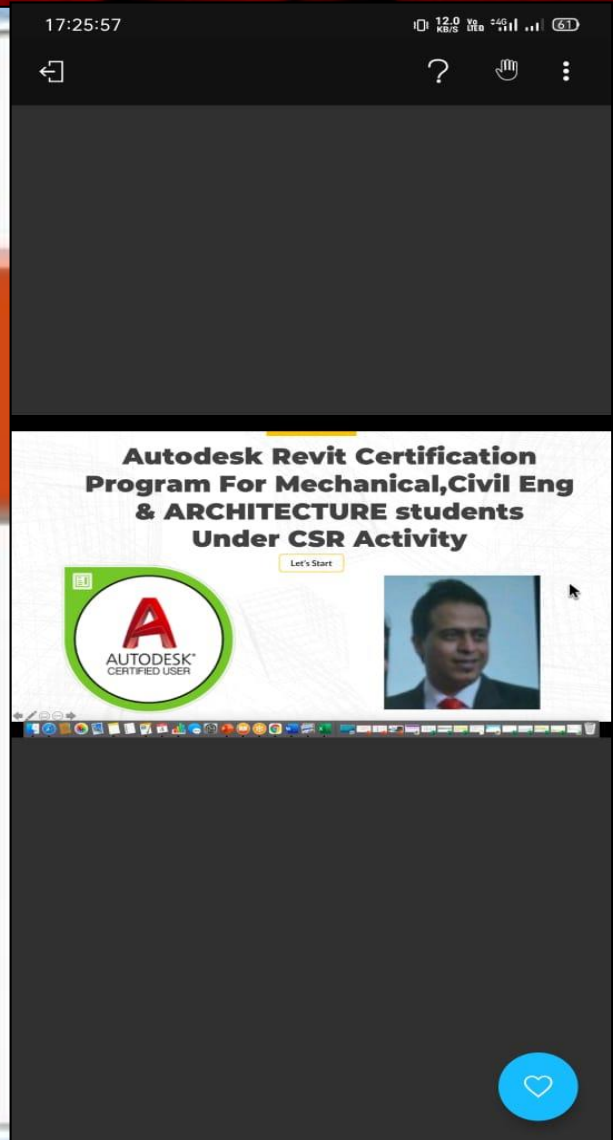
MECH | STTP ON HYBRID ELECTRIC VEHICLE CASE STUDY



One Week Online Faculty Development Programme on
"ELECTRIC VEHICLES"
1st Feb. 2021 – 5th Feb. 2021

AICTE Training and Learning (ATAL) Academy, New Delhi

Session 13
Hybrid Electric Vehicle Case Study
Mr. Akshay Mastood
Design Consultant & Mentor at
Polar LLC UAE, Abu Dhabi
Organized and Conducted by
MECHANICAL ENGINEERING DEPARTMENT
VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE MUMBAI



17:25:57

Autodesk Revit Certification Program For Mechanical, Civil Eng & ARCHITECTURE students Under CSR Activity

Let's Start

AUTODESK CERTIFIED USER

Dr P Santhosh, Assoc. Professor, Dept. of Mechanical Engineering, attended an FDP on **"Hybrid Electric Vehicle Case Study"** organised by ATAL and Veermata Jijabai Technological Institute, Mumbai during 01-05 February 2021.

MEETINGS & DISCUSSIONS



@skctdigest



@skctofficial



digestfeedback@skct.edu.in

CSE | Ph.D. DC MEETING

REC Mr. T. RAGHUNATHAN Asst Prof CSE is presenting 4:10 PM

Cyber Physical System

5 February 2021 6

Mr. T. RAGHUNATHAN Asst Prof CSE
Anandakumar H
Gireesh Kumar

REC Mr. T. RAGHUNATHAN Asst Prof CSE is presenting 4:19 PM

Ph.D. Research Plan Presentation-I

First Doctoral Committee meeting

RESEARCH CHALLENGES IN CYBER PHYSICAL SYSTEM

Date : 05-02-2021
Time : 04:00 pm

<p>Scholar Mr.T.Raghunathan(21144691287) - Ph.D. / Part-Time Assistant professor, Department of CSE Sri Krishna College of Technology</p>	<p>Supervisor Dr. M.Krishnamoorthi (2840163) Professor, Department of CSE Dr.N.G.P Institute of Technology</p>
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DC Meeting for Mr.T.Raghunath... Raise hand Turn on captions Mr. T. RAGHUNATHAN Asst Pr... is presenting

Mr. T. RAGHUNATHAN Asst Prof CSE
Anandakumar H
Gireesh Kumar

Mr T Raghunathan, Asst. Professor, Dept. of CSE, attended his First Ph.D. DC Meeting under the guidance of Dr M Krishnamoorthi, Professor, Dept. of CSE, Dr N G P Institute of Technology. Dr Anandkumar, Assoc. Professor, Sri Eshwar College of Engineering and Dr Gireesh Kumar, Assoc. Professor, School of Engineering, Amirta Vishwa Vidya Vidyapeetham were the DC Members on 05 February 2021.

CSE | DC MEETING

Ms. S. SOUNDARYA Asst Prof CSE is presenting

NOVELTY

- Both Human Computer Interface & Brain-Computer Interface combined together for better interaction.
- To improve the naturalness and friendliness of user interactions with machines.

Participants: Santhosh R, Ms. S. SOUNDARYA Asst Prof CSE, KOUSALYA K. kouse.cse

Ms. S. SOUNDARYA Asst Prof CSE is presenting

COURSE WORK TO ENROLL

SL.NO.	COURSE CODE	COURSE NAME	SEM
1	20PCS102	SOFT COMPUTING	EVEN SEM 2021
2	20PCSE24	MACHINE LEARNING	EVEN SEM 2021
3	20PCSE06	DATA SCIENCE	ODD SEM 2021
4	20PCSE03	CYBER SECURITY	ODD SEM 2021

Participants: Santhosh R, Ms. S. SOUNDARYA Asst Prof CSE, KOUSALYA K. kouse.cse

Ms S Soundarya, Asst. Professor, Dept. of CSE, attended her First Ph.D. DC Meeting under the guidance of Dr G M Tamilselvan, Professor and Head, Dept. of ECE, Sri Krishna College of Technology, Coimbatore. Dr K Kousalya, Professor, Kongu Engineering College and Dr R Santhosh, Assoc. Professor, Dept. of CSE, Karpagam University, Coimbatore were the DC Members on 06 February 2021.

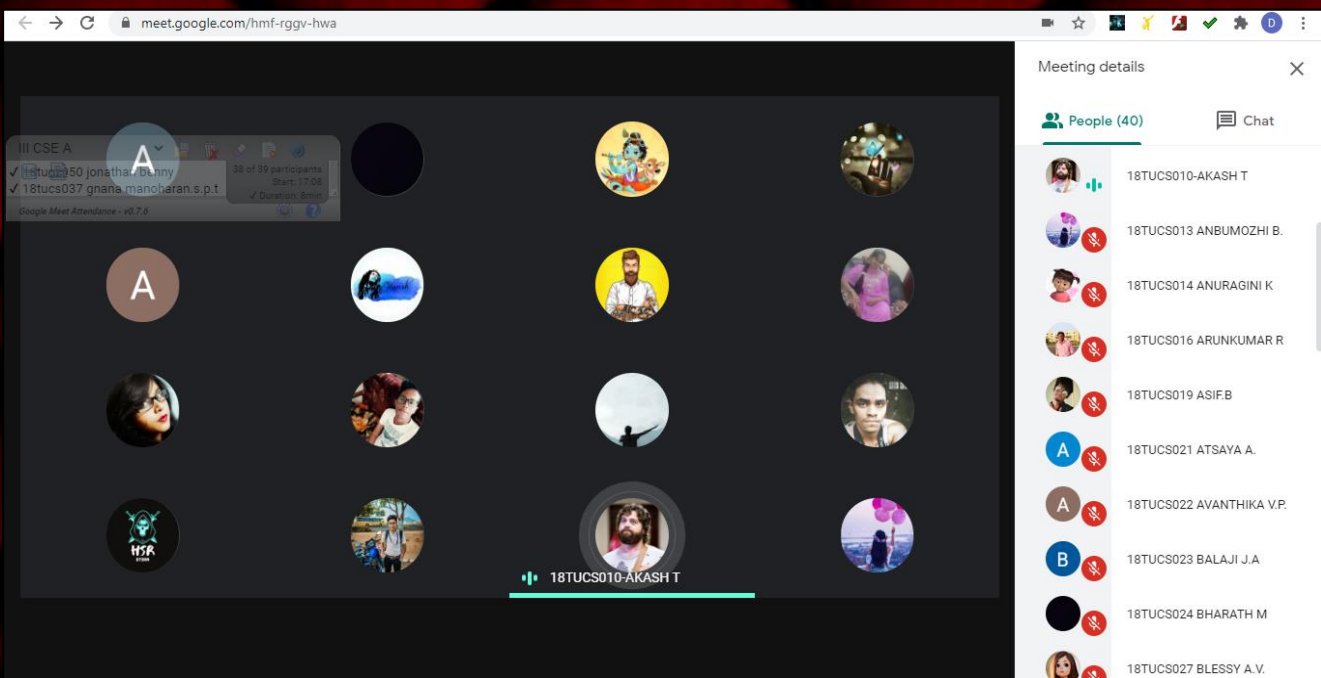
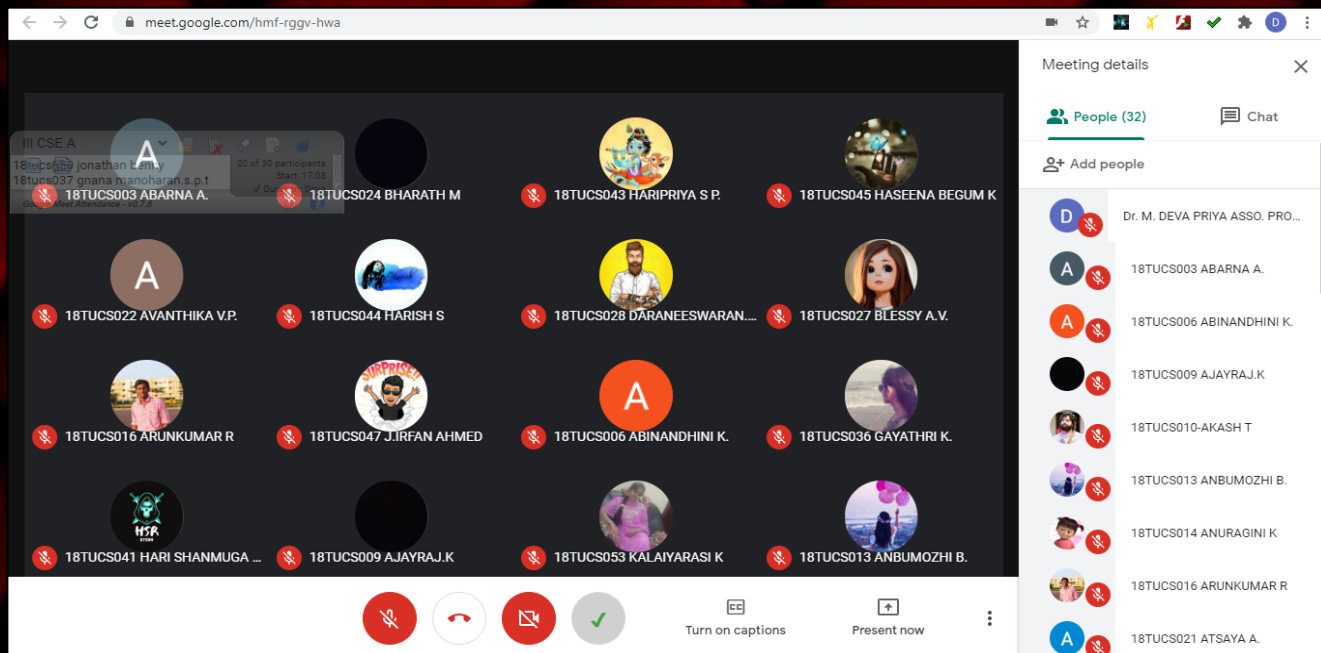
CSE | RESEARCH MEETING

Dr M Deva Priya, Assoc. Professor, Dept. of CSE, conducted a meeting with the Members of Faculty regarding the Progress of Research Activities on 06 February 2021.

CSE | NBA MEETING

Dr P TamijeSelvy, Professor and Head, Dept. of CSE, conducted a meeting with the Members of Faculty regarding the Progress of NBA Activities on 04 February 2021.

CSE | TUTOR WARD MEETING

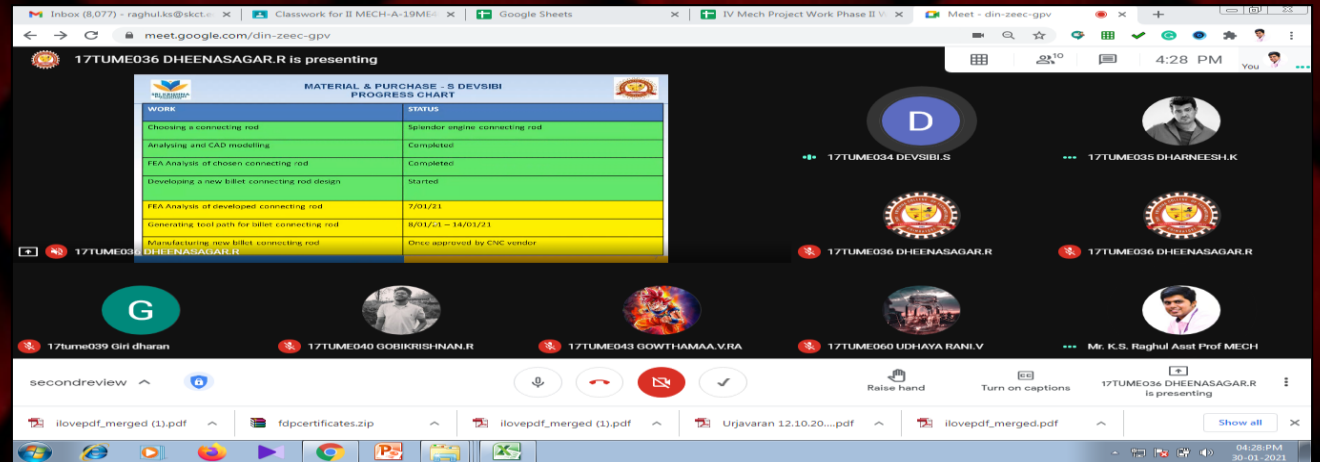
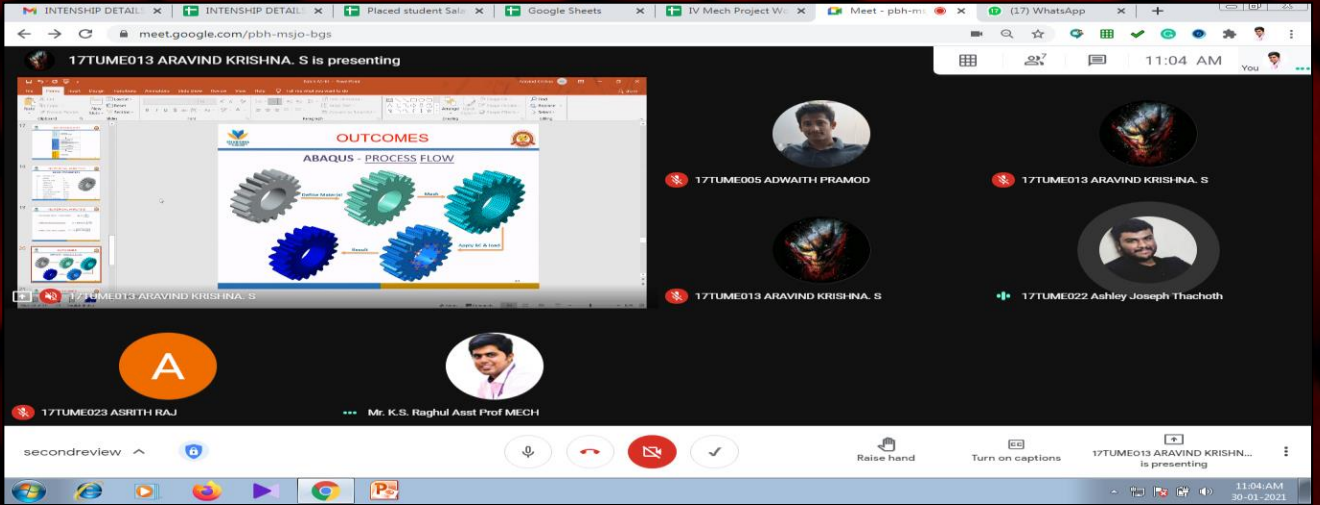


The Members of faculty from the Dept. of CSE conducted a **“Tutor Ward Meeting”** with their respective wards regarding Online Classes and Placement Activities on 01 February 2021.

EEE | DEPARTMENT MEETING

Dr K Lakshmi, Professor and Head, Dept. of EEE, conducted a meeting with the Members of Faculty regarding the Progress of Even Semester Online Classes, Academic Activities, Final Year Project Work, R&D Activities, Placement Activities, Schedule of PAC and BOS Meeting on 02 February 2021.

MECH | PROJECT REVIEW



The Dept. of Mechanical Engineering conducted a project review for the Students of Final B.E. Mechanical Engineering on 30 January 2021.

IT | DEPARTMENT MEETING

Dr G M Tamilselvan, Professor and Head InCharge, Dept. of IT, conducted a meeting with the Members of Faculty regarding NBA Progress, Academic Progress, Students' Participation in Project Contest and Research Progress on 02 February 2021.

EVENTS ORGANISED



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@skctofficial



digestfeedback@skct.edu.in

MECH | CERTIFICATION COURSE ON LEAN SIX SIGMA - YELLOW BELT

certification delightfully useful are

- It helps you advance your career, and boosts your organization's bottom line through your mastery of quality skills.
- Becoming a Certified Six Sigma Yellow Belt confirms your commitment to quality and the positive impact it will have on your organization.

LEAN SIX SIGMA YELLOW BELT BODY OF KNOWLEDGE

DAY 1 - DEFINE
Six Sigma Foundations and Principles, Lean Foundations and Principles, Quality Tools & Six Sigma Metrics, Project Identification, Project Management (PM) Basics

MEASURE
Basic Statistics, Data Collection, Measurement System Analysis (MSA) - MSA Terms & Gage R&R

DAY 2 - ANALYZE
Process Analysis Tools, Root Cause Analysis, Data Analysis, Correlation and Regression, Hypothesis Testing

IMPROVE & CONTROL

LEAN SIX SIGMA YELLOWBELT

A Govt. of India Certification Program

FACILITATION CENTRE

27 & 29 Jan 2021

WHO IS A LEAN SIX SIGMA YELLOW BELT?

- The Six Sigma Yellow Belt certification is aimed at those new to the world of Six Sigma who have a small role, interest, or need to develop foundational knowledge.
- Yellow belts can be entry level, middle or executive champion, who require an overview of Six Sigma and DMAIC model.

TRAINING PEDAGOGY



Date	Time	DMAIC Phase	Topic
DAY 1	9.30pm - 12.30pm	INTRODUCTION & DEFINE	Introduction - Six Sigma Foundation & Principles
			Quality Tools & Six Sigma Metrics
			Introduction to DEFINE
			Project Identification Method
			Project Charter
DAY 1	1.30pm - 4.30pm	MEASURE	Introduction to MEASURE
			Data Collection Plan
			Basic Statistics
			Measurement System Analysis - MSA Terms & Gage R&R
DAY 2	9.30pm - 12.30pm	ANALYZE	Introduction to ANALYZE
			Lean Foundation & Principles
			FMEA
			Root Cause & Pareto Analysis
			Hypothesis Testing
			Correlation & Regression Analysis
DAY 2	1.30pm - 4.30pm	IMPROVE & CONTROL	Introduction to IMPROVE & CONTROL
			Control Tools & Documentation
			X bar R Chart
			Cost Benefit Analysis

The Dept. of Mechanical Engineering and Ministry of Micro, Small & Medium Enterprises (MSME) organised a certification course on "Lean Six Sigma - Yellow Belt" for the Students of Second B.E. Mechanical Engineering during 27-29 January 2021.

CSE | WEBINAR ON UNLIMITED OPPORTUNITIES

SRI KRISHNA COLLEGE OF TECHNOLOGY
Affiliated to Anna University, Chennai. Accredited by NBA, AACSB, WVA, COE, ISO 9001:2015, COE, CONQUA, ISO 27001:2017

Department of Computer Science and Engineering
(Accredited by NBA)

Institution's Innovation Council (IIC)

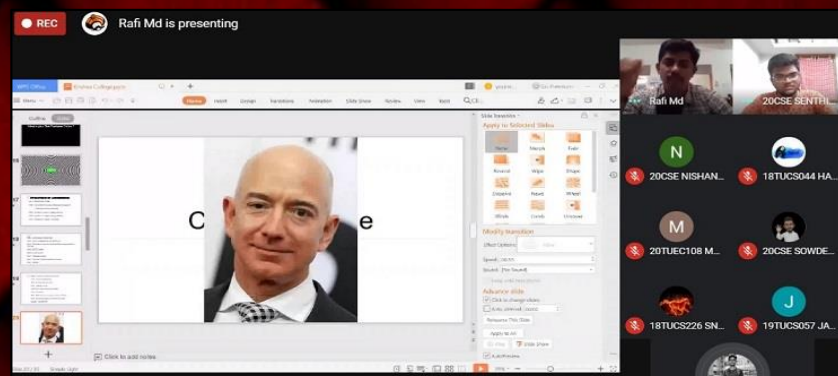
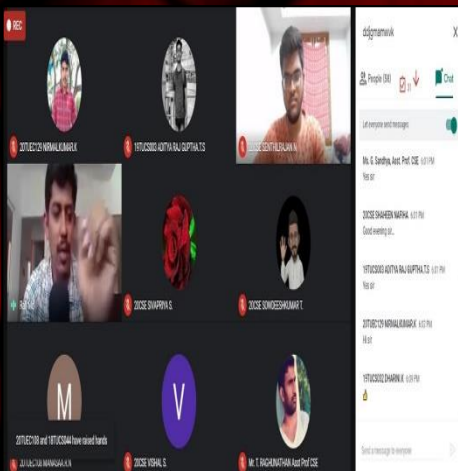
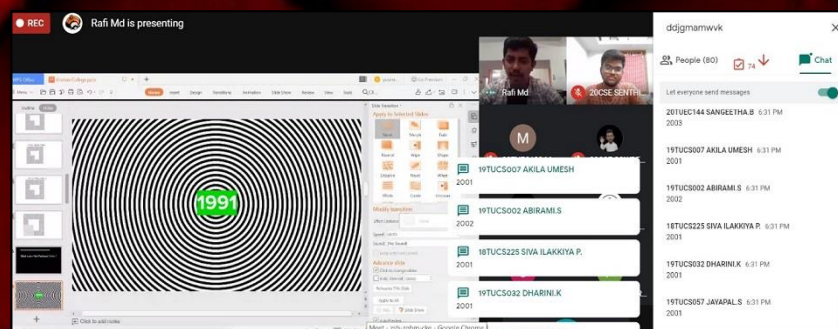
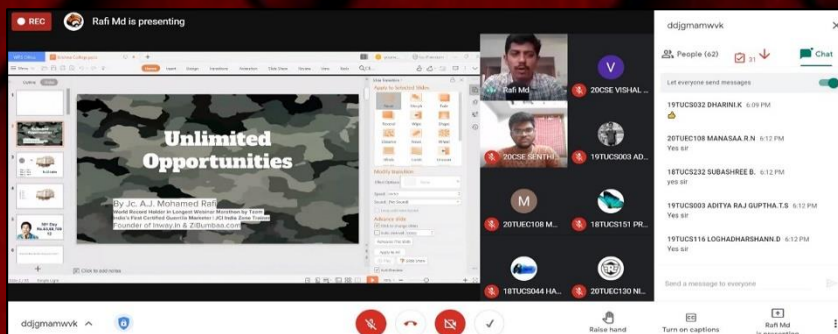
INSTITUTIONS INNOVATION COUNCIL
Member of IIC since 2018

Webinar on
"Unlimited Opportunities"

Resource Person
J.C.A.J. Mohamed Rafi,
India's First Certified Guerrilla Marketer & Coach World Record Holder for the Longest Webinar Marathon in Soft Skills as a Team Entrepreneur | Digital Strategist | Certified Trainer

Date: 04th Feb 2021 Time: 06:00 PM to 07:00 PM

Google Meet: <https://meet.google.com/bckupddjgmanwvk>



The Dept. of CSE organised a webinar on “**Unlimited Opportunities**” facilitated by Mr J C A J Mohamed Rafi, India’s First Certified Guerrilla Marketer and Coach World Record Holder for the Longest Webinar Marathon in Soft Skills as a Team Entrepreneur, Digital Strategist and Certified Trainer. Dr R Nithiavathy, Asst. Professor, Dept. of CSE, coordinated the event on 04 February 2021.

S & H | WEBINAR ON PROCESS OF INNOVATION DEVELOPMENT



Dr S Prabu, Asst. Professor, Dept. of Science and Humanities, organised a webinar on **"Session on Process of Innovation Development"** facilitated by Mr Rakesh Kannan M, Systems Engineer Specialist, Infosys Ltd., Mysore and Mr Shakthi Vignesh C S, Application Development Associate, Accenture, Bangalore on 30 January 2021.

