

**SKCT**

# **DIGEST**

**15 FEBRUARY - 19 FEBRUARY 2021**

**SPECIAL ISSUE - 39**



**EDITOR - IN - CHIEF**

*Dr Srinivasan Alavandar,  
Principal*

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*Ms S Soundarya, CSE*

*Ms S Thenmozhi, ECE*

*Ms B Pavithra, SSH*

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# DEPARTMENT ACHIEVEMENT



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# SoM | DEPARTMENT ACHIEVEMENT

**Business Standard**  
**Business School** SPECIAL  
JANUARY 2021

**BRAND MBA: STILL SHINY**  
So what should keep you awake if you are a fresh MBA or planning to go for one?

**Inside**

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**The class of 2020 RATINGS SUPER LEAGUE 1**

INSTITUTION	PLACEMENTS	ADMISSIONS	INTELLECTUAL CAPITAL	INFRASTRUCTURE	INDUSTRY INTERFACE	GOVERNANCE	SCALE OF OPERATIONS
Balaji Institute of International Business (BIIB), Pune	95	95	95	95	95	95	95
Chandigarh Business School of Administration, Mohali	95	95	95	95	95	95	95
GI Bajaj Institute of Management and Research, Greater Noida	95	95	95	95	95	95	95
Institute of Management Studies (IMS), Noida	95	95	95	95	95	95	95
Jaipuria Institute of Management, Ghaziabad	95	95	95	95	95	95	95
REVA University, Bengaluru	95	95	95	95	95	95	95
RG Kedia College of Commerce (RGKCC), Hyderabad	95	95	95	95	95	95	95
SK Patel Institute of Management and Computer Studies, Gujarat	95	95	95	95	95	95	95
Saveetha School of Management, Chennai	95	95	95	95	95	95	95
School of Management, Sri Krishna College of Technology, Coimbatore	95	95	95	95	95	95	95
Shri Vaishnav Institute of Management, Indore	95	95	95	95	95	95	95

**Business Standard**

**TOP 10 B-SCHOOLS**

RANK	SCHOOL	PLACEMENTS	ADMISSIONS	INTELLECTUAL CAPITAL	INFRASTRUCTURE	INDUSTRY INTERFACE	GOVERNANCE	SCALE OF OPERATIONS
1	Balaji Institute of International Business (BIIB), Pune	95	95	95	95	95	95	95
2	Chandigarh Business School of Administration, Mohali	95	95	95	95	95	95	95
3	GI Bajaj Institute of Management and Research, Greater Noida	95	95	95	95	95	95	95
4	Institute of Management Studies (IMS), Noida	95	95	95	95	95	95	95
5	Jaipuria Institute of Management, Ghaziabad	95	95	95	95	95	95	95
6	REVA University, Bengaluru	95	95	95	95	95	95	95
7	RG Kedia College of Commerce (RGKCC), Hyderabad	95	95	95	95	95	95	95
8	SK Patel Institute of Management and Computer Studies, Gujarat	95	95	95	95	95	95	95
9	Saveetha School of Management, Chennai	95	95	95	95	95	95	95
10	School of Management, Sri Krishna College of Technology, Coimbatore	95	95	95	95	95	95	95

AT	Score 1	Score 2	Score 3	Score 4	Score 5	Score 6	Score 7	Score 8	Score 9	Score 10
Balaji Institute of International Business (BIIB), Pune	55	75	45	90	45	70	80	55	65	75
Chandigarh Business School of Administration, Mohali	55	45	65	30	65	55	45	40	55	95
GI Bajaj Institute of Management and Research, Greater Noida	55	75	40	35	75	75	60	85	35	95
Institute of Management Studies (IMS), Noida	55	50	60	65	60	55	30	50	65	60
Jaipuria Institute of Management, Ghaziabad	55	70	45	75	60	50	65	70	65	75
REVA University, Bengaluru	55	70	45	80	75	50	25	70	60	95
RG Kedia College of Commerce (RGKCC), Hyderabad	55	60	50	65	80	35	35	70	45	75
SK Patel Institute of Management and Computer Studies, Gujarat	55	45	60	65	35	35	60	40	55	60
Saveetha School of Management, Chennai	55	45	65	60	80	30	25	60	60	60
School of Management, Sri Krishna College of Technology, Coimbatore	60	40	70	25	25	50	90	60	70	40
Shri Vaishnav Institute of Management, Indore	55	50	55	50	35	35	55	45	95	75

The School of Management has been rated as "A7" under 'A' Category with a composite score of 60. Business standard Rating - "Business School Specialin" released. The B schools across the country were rated based on placements, admissions, intellectual capital, infrastructure, industry interface, governance and scale of operations.

# STUDENTS' PARTICIPATION



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## ECE | STUDENTS' ACHIEVEMENTS | CHHATRA VISHNWAKARMA AWARDS 2020

Sl. No.	Project ID	Project Name	Team Name	Project Description	Institution	Region	Category
574	VISH202012719	DO SMART	AI-BAND	BARRIERS IN ACCESSING ADEQUATE HEALTH CARE SERVICES	SARASWATHI VISWAKARMA VIDYALAYA	TAMIL NADU	SOUTHERN
575	VISH202011550	4T BOYZ	HARMLESS AND EFFECTIVE HONEY HARVEST ALERT SYSTEM FOR ENHANCING THE QUALITY ATTRIBUTES AND ATTRACTING YOUTH TO OVERCOME RURAL POVERTY LINE	PROMOTE VALUE ADDED AGRICULTURAL PROCESSES, PRODUCTS AND HANDICRAFTS	SRI KISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY	TAMIL NADU	SOUTHERN
576	VISH202012035	HACK O' HOLICS	TRIGOSAFE	GENDER-RESPONSIVE MECHANISM TO COMBAT DOMESTIC VIOLENCE	SRI KISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY	TAMIL NADU	SOUTHERN
577	VISH202012361	ZERO BUGGERS	E-TRIBE	PROMOTE VALUE ADDED AGRICULTURAL PROCESSES, PRODUCTS AND HANDICRAFTS	SRI KISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY	TAMIL NADU	SOUTHERN
578	VISH202012699	TEAM MEDITRON	MEDITRON	BARRIERS IN ACCESSING ADEQUATE HEALTH CARE SERVICES	SRI KISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY	TAMIL NADU	SOUTHERN
579	VISH20208283	BUDDING INNOVATORS	AROGYA SURAKSHA	BARRIERS IN ACCESSING ADEQUATE HEALTH CARE SERVICES	SRI KISHNA COLLEGE OF TECHNOLOGY	TAMIL NADU	SOUTHERN
580	VISH20208312	THE X FORCE	THE TRASH SEQUESTER	PROMOTE MICRO, SMALL AND MEDIUM ENTERPRISES TO ACHIEVE THE MISSION OF ATMANIRBHAR BHARAT	SRI KISHNA COLLEGE OF TECHNOLOGY	TAMIL NADU	SOUTHERN
581	VISH202012527	AQUAPHONICS SQUAD	SUSTAINABLE IOT BASED SMART VERTICAL	PROMOTE VALUE ADDED	SRI KISHNA COLLEGE OF	TAMIL NADU	SOUTHERN

**CHHATRA VISHNWAKARMA AWARD 2020**  
on the theme  
**INDIA'S ECONOMIC RECOVERY POST COVID**  
Reverse Migration and Rehabilitation Plan  
Major Challenges Arising Due To The Lockdown



Mr Karthikeyan G, Mr Ashwin Narayan P K and Mr Dharun Prasad V, Students of Second B.E. ECE A section, submitted the project on **“Arogya Suraksha”** and got selected for the next level in Chattra Vishwakarma Award 2020. Mr Kiran Seshi M, Mr P Manikandan and Mr M K Nishanth, Students of Third B.E. ECE B section, submitted the project on **“Trash Sequester”** and got selected for the next level in Chattra Vishwakarma Award 2020. Mr S Ganesh Prabhu, Asst. Professor, Dept. of ECE, mentored the students.

**ECE | STUDENT'S PARTICIPATION | ROAD SAFETY  
WEEK****ROAD SAFETY**

THE PATH THAT WE GO ARE ONE WAY,  
THE PATH THAT WE SEE ARE ON WAY,  
THE PATH THAT WE MOVE ARE ALL RIGHT WAY,  
IT'S US WHO SHOULD GO IN THE SAFE WAY.

SAFETY FIRST, TRYNNA BE AT YOUR BEST,  
NOT CARING YOURSELF IS DESPERATELY WORST,  
FILL YOUR MINDS WITH LAKHS OF AWARENESS,  
SO THAT THERE IS LACK OF RECKLESSNESS.

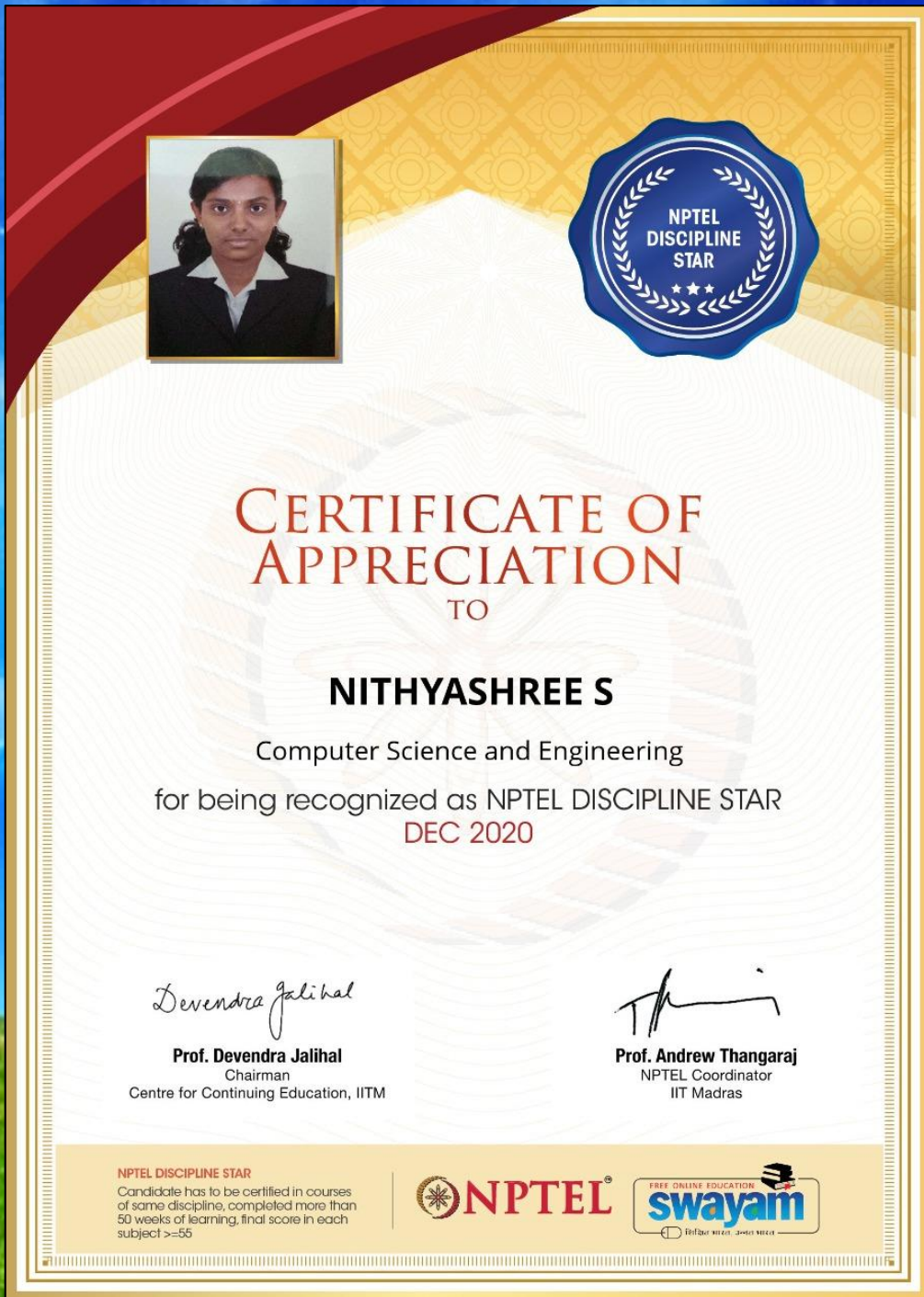
- MOHANAPRIYA J  
| ECE - B 20TUEC121

**Road Safety Week**

**POEM**

Ms Mohanapriya, Student of First B.E. ECE B section, penned a poem on "Road Safety" as a part of Road Safety Week on 17 February 2021.

CSE | NPTEL DISCIPLINE STAR



Ms Nithyashree S, Student of Final B.E. CSE B section, has been recognised as the “NPTEL Discipline Star” of December 2020.

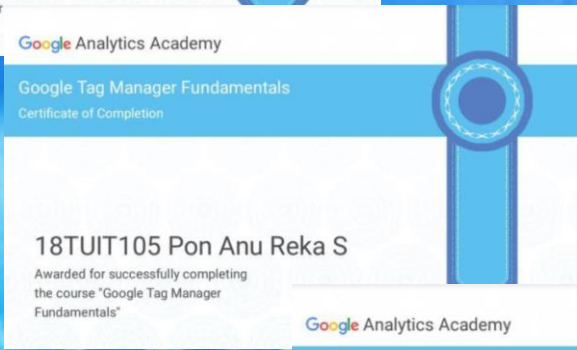


CSE | NPTEL BELIEVER



Ms Kamalie K, Student of Second B.E. CSE B section, has been recognised as the “NPTEL Believer” during January-December 2020.

# IT | STUDENTS' CERTIFICATION | GOOGLE TAG MANAGER FUNDAMENTALS



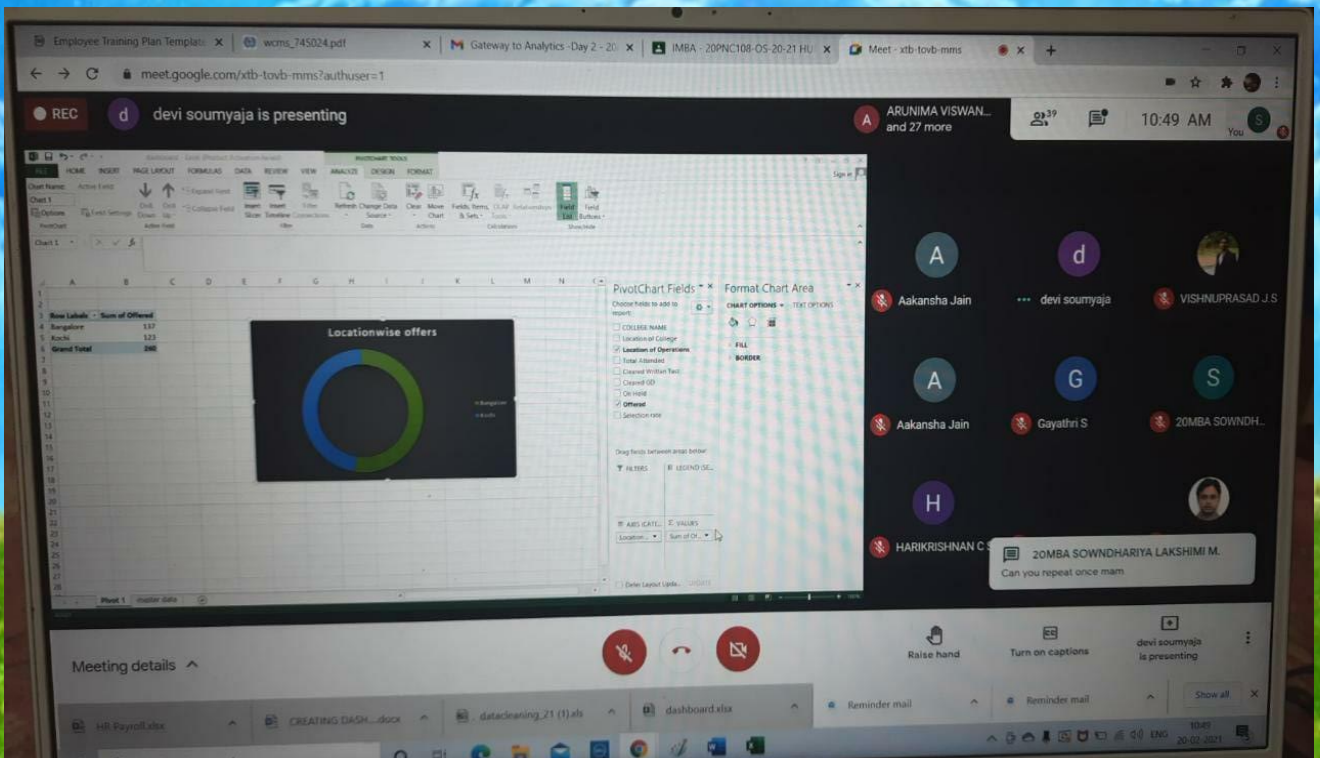
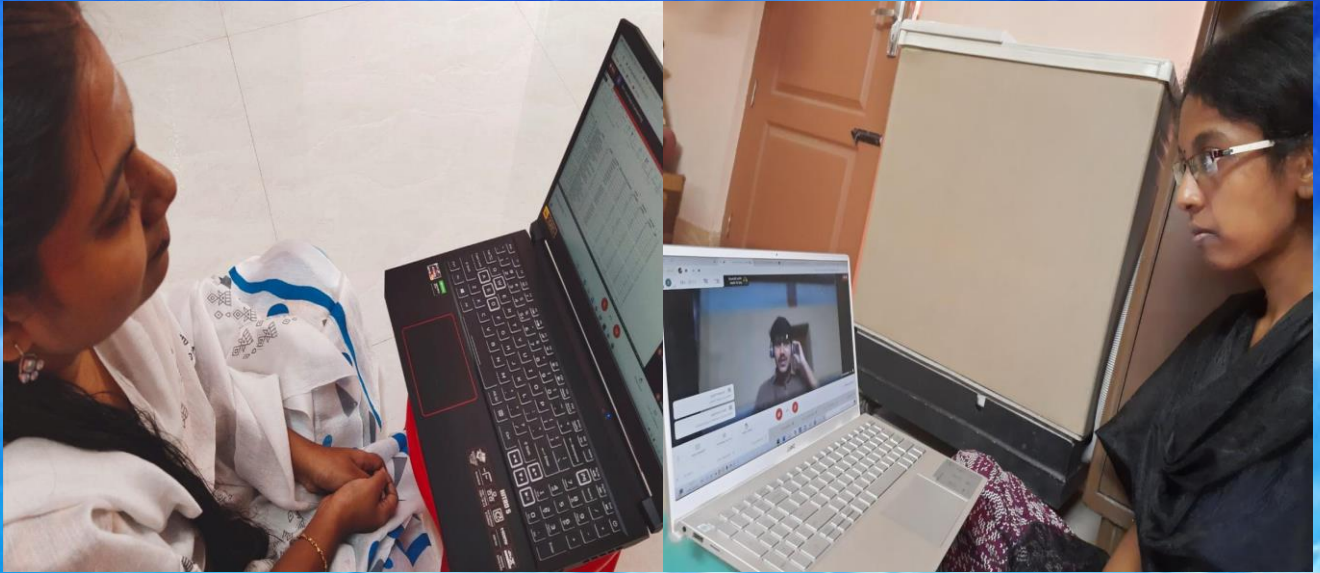
Students of Third B.Tech. IT B section completed an online certification course on **"Google Tag Manager Fundamentals"** organised by Google Analytics Academy on 18 February 2021.

**CIVIL | STUDENTS’  
ACHIEVEMENTS | NPTEL BELIEVER**



Mr Maruthamuthu P, Student of M.E. Structural Engineering, has been recognised as “NPTEL Believer” during January-December 2020.

## SoM | STUDENTS' PARTICIPATION



Ms E Sujitha, Ms M Sowandarya Lakshmi and Ms R Suhashini, Students of First MBA attended a workshop on “Gate way to Data Analytics” organised by NIT, Calicut on 20 February 2021.

## ECE | STUDENT CERTIFICATION | PROGRAMMING ESSENTIALS IN PYTHON



### Statement of Achievement


Presented To:

**SANTHOSH B V**

Name

During the Cisco Networking Academy® self-paced course, the student has studied the following Skills:

- the universal concepts of computer programming (i.e. variables, flow control, data structures, algorithms, conditional execution, loops, functions, etc.)
- developer tools and the runtime environment;
- the syntax and semantics of the Python language;
- the fundamentals of object-oriented programming and the way they are adopted in Python;
- the means by which to resolve typical implementation problems;
- the writing of Python programs using standard language infrastructure;
- fundamental programming techniques, best practices, customs and vocabulary, including the most common library function in Python 3;

  
Maciej Wichary  
VP, OpenEDG Python Institute

**16 Feb 2021**

Date

By completing the course, the student is now ready to attempt the qualification PCAP-Certified Associate in Python Programming certification, from the OpenEDG Python Institute.

[www.netacad.com/www.pythoninstitute.org](http://www.netacad.com/www.pythoninstitute.org)

Mr Santhosh B V, Student of First B.E. ECE B section, completed an online course on “**Programming Essentials in Python**” offered through PCAP: Programming Essentials in Python on 16 February 2021.

# FACULTY PARTICIPATIONS



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MECH | FACULTY ACHIEVEMENT | NPTEL



for being recognized as NPTEL BELIEVER  
JUL-DEC 2020

*Devendra Jalihal*  
Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

*Prof. Andrew Thangaraj*  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

to be present in 4/5/6  
of at least 4 of these exams



NPTEL DISCIPLINE STAR  
Considerable time to complete courses  
of some discipline completed more than  
50 weeks of working and score in each  
subject >= 80



Dr R Srinivasan, Professor, Dept. of Mechanical Engineering, has been recognised as “NPTEL Believer”, “NPTEL Enthusiast” and “NPTEL Discipline Star” during July-December 2020.

## S&H | KEYNOTE SPEAKER | NUANCES IN LEARNING CHEMISTRY

**CMS COLLEGE OF ENGINEERING AND TECHNOLOGY**  
Challenge Meets Success

Department of Science & Humanities  
Organizes a Webinar on  
**"Nuances in Learning Chemistry"**

**Keynote Speaker**  
**Dr. N.NALINI**  
Assistant Professor  
Department of Chemistry  
Sri Krishna College of Technology, Coimbatore.

**Program Coveror :**  
**Dr. R. THANGARAJ**  
Professor & Head  
Department of Science & Humanities  
CMS CET, Coimbatore.

**Program Co-ordinators:**  
**Mr. K.LAKSHMIKANDHAN**  
**Mr. R.THAYALA SHANKAR**  
**Mr. S.RAJESH**  
Department of Chemistry,  
CMS CET, Coimbatore.

**Meeting Platform:**  
Google Meet  
Sunday 14 FEB 2021  
10.00 - 11.00 AM

meet.google.com/omc-tioj-abv

Dhanalakshmi E and 17 more

10:46 AM

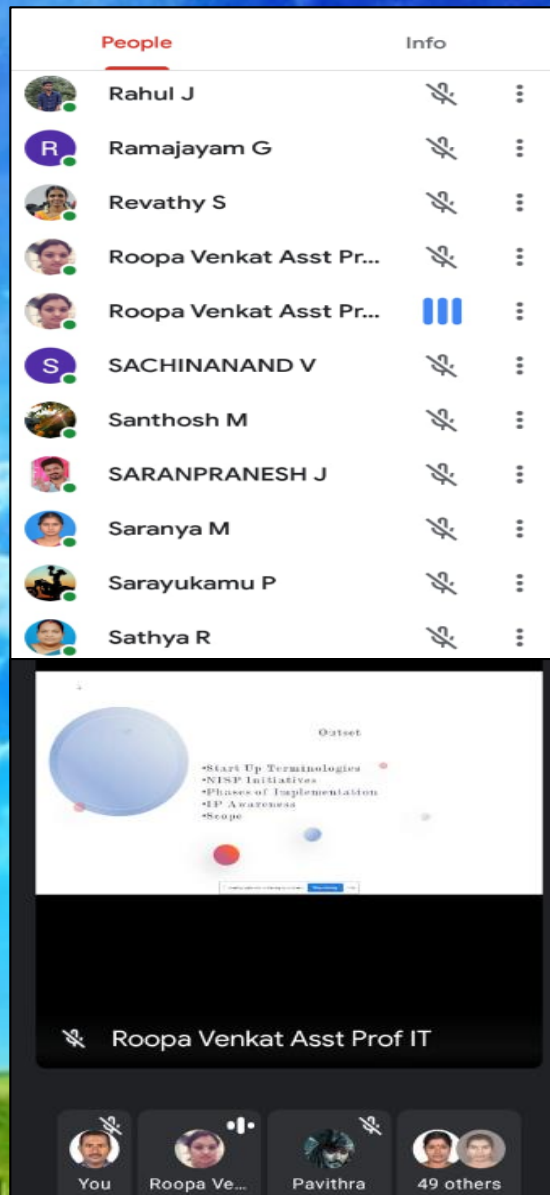
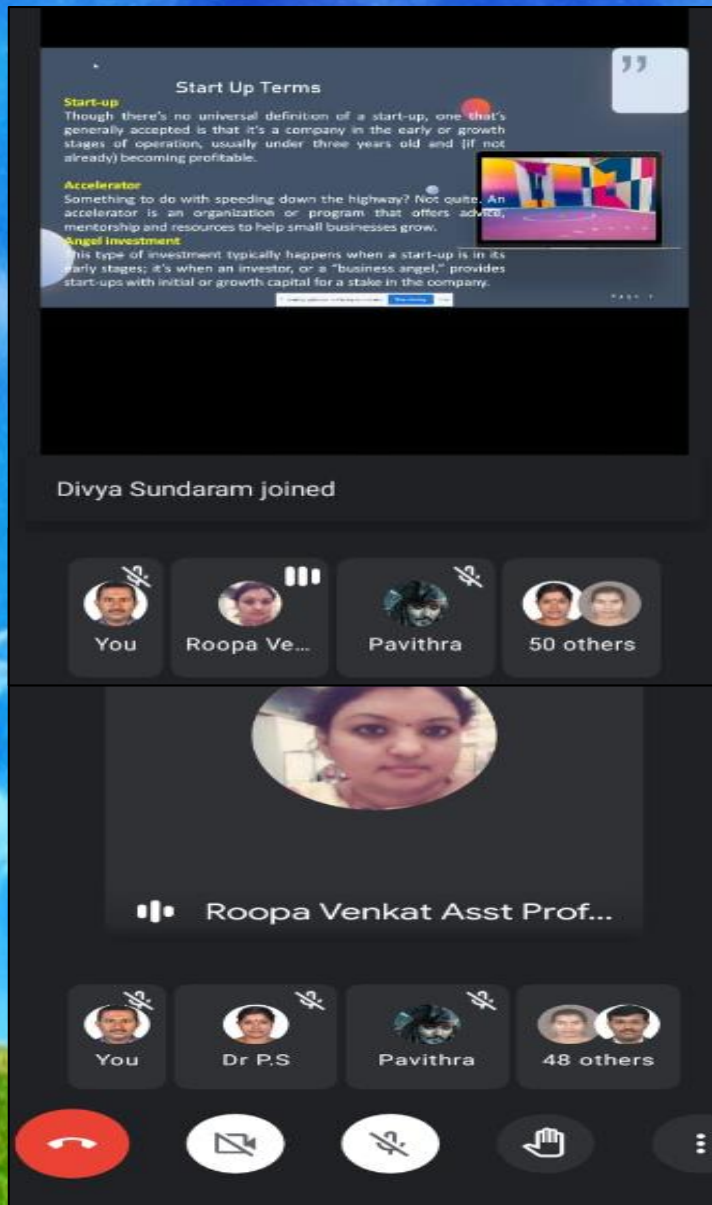
Participants: You, RAJESH HAR..., thanga Taj, Karthick L, Dr. Sudha Vija..., Dr.N.Nalini As...

Meeting controls: Meeting details, Mute, Unmute, Video, Turn on captions, Present now

Dr N Nalini, Asst. Professor, Dept. of S & H, served as Resource Person in a webinar on **"Nuances in Learning Chemistry"** organised by the Dept. of Science and Humanities, CMS College of Engineering and Technology, Coimbatore on 14 February 2021.



**IT | GUEST LECTURE | AWARENESS ON NATIONAL INNOVATION AND START UP POLICY OBJECTIVES AND ITS PROVISIONS**



Ms V Roopa, Asst. Professor, Dept. of IT, delivered a Guest Lecture on **“Awareness on National Innovation and Start up Policy Objectives and its Provisions”** organised by Sri Krishna Adithya College of Arts and Science, Coimbatore on 13 February 2021.

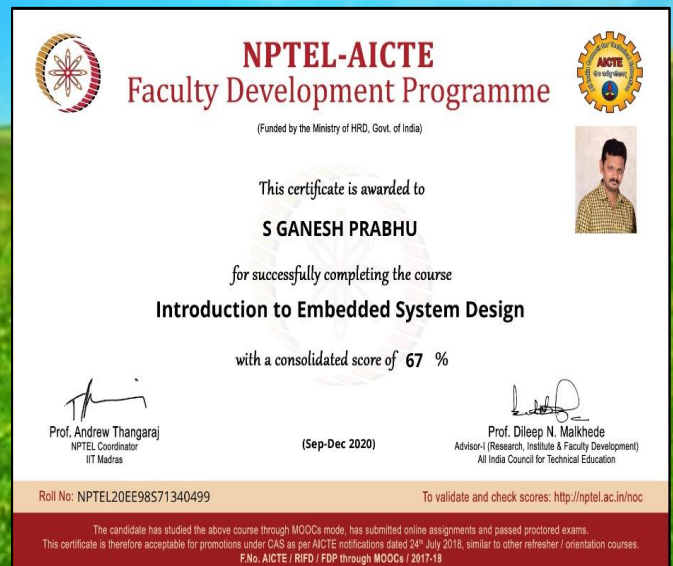
**ECE | FACULTY ONLINE COURSE COMPLETION |  
CLOUD COMPUTING BASICS**



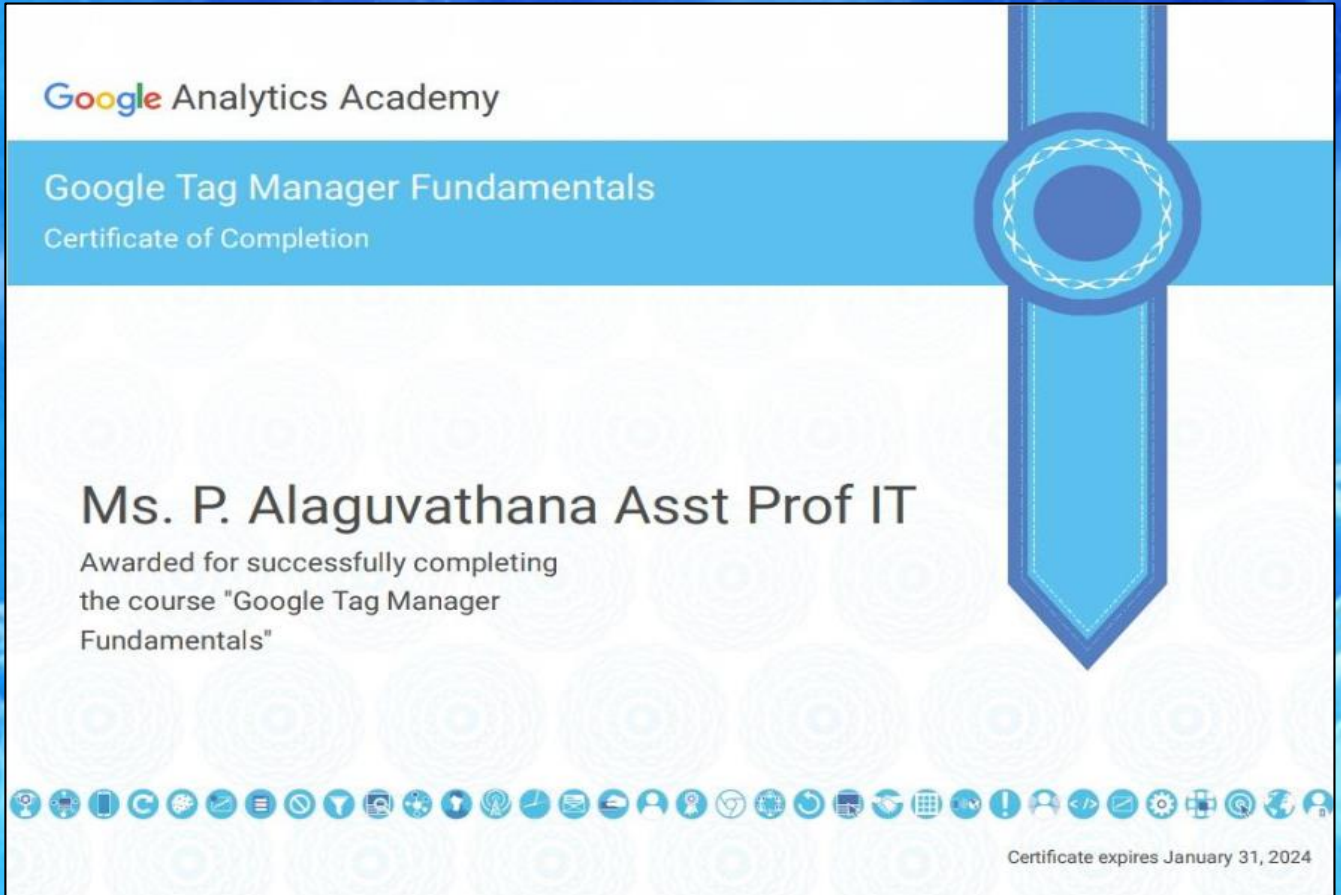
Ms S Thenmozhi, Asst. Professor, Dept. of ECE, completed an online course on “Cloud Computing Basics” offered through Coursera.

**ECE | FACULTY ONLINE COURSE COMPLETION |  
INTRODUCTION TO EMBEDDED SYSTEM DESIGN**

Mr S Ganesh Prabhu, Asst. Professor, Dept. of ECE, completed an online course on “Introduction to Embedded System Design” offered through NPTEL SWAYAM during September–December 2020.



# IT | FACULTY CERTIFICATION | GOOGLE TAG MANAGER FUNDAMENTALS



Ms P Alaguvathana, Asst. Professor, Dept. of IT, completed a course on **“Google Tag Manager Fundamentals”** authorised and organised by Google Analytics Academy on 13 February 2021.

## ECE | FACULTY PARTICIPATION | RETHINKING EDUCATION - A JOURNEY THROUGH INNER TRANSFORMATION



The Members of faculty from the Dept. of ECE attended a live session on **“Rethinking Education - A journey through Inner Transformation”** facilitated by Sri Sri Ravi Shankar Ji and organised by AICTE on 18 February 2021.

## ICE | SIX-DAY AICTE SPONSORED ONLINE STTP ON SUSTAINABLE INDUSTRIAL DEVELOPMENT THROUGH INDUSTRY 4.0



### The Various Industrial Revolutions

### The Four Industrial Revolutions



**Industry 1.0**

Mechanization and the introduction of steam and water power



**Industry 2.0**

Mass production assembly lines using electrical power



**Industry 3.0**

Automated production, computers, IT-systems and robotics



**Industry 4.0**

The Smart Factory. Autonomous systems, IoT, machine learning

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### Internet of Things (IoT)

#### What is IoT?

- IoT is an ecosystem of connected physical objects that are accessible through the internet.
- The 'thing' in IoT could be a person with a heart monitor or an automobile with built-in-sensors, i.e. objects that have been assigned an IP address and have the ability to collect and transfer data over a network without manual assistance or intervention.
- The embedded technology in the objects helps them to interact with internal states or the external environment, which in turn affects the decisions taken.

The concept of a network of smart devices was discussed as early as 1982, with a modified Coke vending machine at Carnegie Mellon University becoming the first internet-connected appliance, able to report its inventory and whether newly loaded drinks were cold or not.





Ms K Shanthi K, Asst. Professor, Dept. of ICE, attended a six-day AICTE Sponsored Online STTP on “**Sustainable Industrial Development through Industry 4.0**” organised by Chennai Institute of Technology, Chennai during 15-20 February 2021.

**EEE | FACULTY ACHIEVEMENT|GUEST LECTURE ON PHOTOVOLTAIC ARRAY RECONFIGURATION UNDER PARTIALLY SHADED CONDITIONS**

**VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY, ERODE**  
(An Autonomous Institution)  
*(Approved by AICTE, Affiliated to Anna University and Accredited by NAAC with 'A' Grade)*  
Thindal, Erode – 638012, Tamil Nadu, India

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
*(Accredited by NBA)*

**AICTE Sponsored Online Short-Term Training Programme (STTP) - Series III: 15.02.2021 to 20.02.2021**  
**"SOLAR ENERGY CONVERSION SYSTEMS, TECHNOLOGIES, DESIGN AND APPLICATIONS"**

 Dr. D.P. Kothari, Director Research, Gaikwad Patil Group of Institutions & Senior Professor, EE Department, TGPCET, Nagpur.	 Mr. S. Selvakumar, Business Head, Power Projects, Chennai.	 Dr. K. Ayyar, Associate Professor, Department of E&I, SRM Valliammai Engineering College, Kancheepuram.
 Dr. M. Manikandan, Professor & Head, Department of EEE, Jyothishmathi Institute of Technology and Science, Telangana.	 Prof. S. Sathishkumar, Assistant Professor Level II, Department of EEE, Bannari Amman Institute of Technology, Sathyangalam.	 Dr. S. Sriniwasan, Associate Professor, Department of EEE, K.S.Rangasamy College of Technology, Tiruchengode.
 Mr. Chandragiri Radhacharan, Assistant Professor (SGS), Department of EEE, Jawaharlal Nehru Technological University Hyderabad College of Engineering Jagtial, Telangana.	 Dr. P. Karuppanan, Professor, Department of ECE, Mottal Nehru National Institute of Technology, Allahabad.	 Prof. R. Senthil Kumar, Assistant Professor, EEE, Sri Krishna College of Technology, Coimbatore.
 Dr. R. Latha, Associate Professor, Department of EEE, FSG College of Technology, Coimbatore.	 Dr. K.P. Mohanraj, Professor, Department of Pharmaceutics, Nandha College of Pharmacy, Perundurai.	 Prof. P. Maniraj, Assistant Professor, Department of EEE, M.Kumarasamy College of Engineering, Karur.

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**Registration Link:**  
<https://forms.gle/NvGLG9FNfaUpfVia7>

**Scan Me**  


Dr. S. K. Manikandan, Professor  
Mr. S. Saravanan, Assistant Professor (Sr.Gr.)  
Mr. S. Ashwanth, Assistant Professor (Sr.Gr.)  
Dr. P. Sakthivel, Professor & Head  
Prof. P. Jayachandrar  
Dr. M. Jayaraman

**VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY, ERODE**  
(An Autonomous Institution)  
*(Approved by AICTE, Affiliated to Anna University and Accredited by NAAC with 'A' Grade)*  
Thindal, Erode – 638012, Tamil Nadu, India

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
*(Accredited by NBA)*

**AICTE Sponsored Online Short-Term Training Programme (STTP)**  
**"SOLAR ENERGY CONVERSION SYSTEMS, TECHNOLOGIES, DESIGN AND APPLICATIONS"**  
Series - III on  
**Programme Schedule**

Day & Date	Session 1 10.00 am to 12.30 pm	Session 2 1.30 pm to 4.00 pm
Day - 1 15.02.2021	<b>Introduction to Renewable Energy Sources and Optimization. AI Techniques applied to Solar Energy</b> Dr. D.P. Kothari, Director Research, Gaikwad Patil Group of Institutions , Nagpur Senior Professor, EE Department, TGPCET, Nagpur.	<b>Non Isolated DC-DC Converter for Solar Energy Conversion Systems</b> Prof. S. Sathishkumar, Assistant Professor Level II, Department of EEE, Bannari Amman Institute of Technology, Sathyangalam.
Day - 2 16.02.2021	<b>Optimal Utilization of Interconnected Renewable Energy Sources to Micro-grid</b> Dr. K. Ayyar, Associate Professor, Department of E&I, SRM Valliammai Engineering College, Kancheepuram.	<b>Reconfiguration Strategies to extract Maximum Power from Photovoltaic Array Under Partially Shaded Conditions</b> Prof. R. Senthil Kumar, Assistant Professor, Department of EEE, Sri Krishna College of Technology, Coimbatore.
Day - 3 17.02.2021	<b>Grid Connected and Standalone PV Solar Plant Design using PVSYSMT</b> Prof. S. Selvakumar, Business Head, Power Projects, Chennai.	<b>Protection Techniques for PV System</b> Prof. P. Maniraj Assistant Professor, Department of EEE, M.Kumarasamy College of Engineering, Karur.
Day - 4 18.02.2021	<b>Recent Advances in Solar Energy Research</b> Dr. M. Manikandan, Professor & Head, Department of EEE, Jyothishmathi Institute of Technology and Science, Telangana.	<b>Role of Power Electronics in Solar PV</b> Dr. R. Latha, Associate Professor, Department of EEE, FSG College of Technology, Coimbatore.
Day - 5 19.02.2021	<b>Solar PV Simulation Software's</b> Mr. Chandragiri Radhacharan, Assistant Professor (SGS), Department of EEE, Jawaharlal Nehru Technological University Hyderabad College of Engineering Jagtial, Telangana.	<b>Research Opportunities and Challenge in Solar System</b> Dr. P. Karuppanan, Professor, Department of ECE, Mottal Nehru National Institute of Technology, Allahabad.
Day - 6 20.02.2021	<b>Nanotechnology for Solar Energy Collection and Conversion</b> Dr. K.P. Mohanraj, Professor, Department of Pharmaceutics, Nandha College of Pharmacy, Perundurai.	<b>Design and Applications of Solar Energy Conversion Systems</b> Dr. S.Sriniwasan, Associate Professor, Department of EEE, K.S.Rangasamy College of Technology, Tiruchengode.

Mr R Senthilkumar, Asst. Professor, Dept. of EEE, delivered a Guest Lecture on "Photovoltaic Array Reconfiguration Under Partially Shaded Conditions" organised by the Dept. of Electrical and Electronics Engineering, Velalar College of Engineering and Technology, Erode on 15 February 2021.

## ECE | FDP ATTENDED | MODERN PEDAGOGICAL TECHNIQUES FOR EFFECTIVE TEACHING & LEARNING



Ms M Jaishree, Asst. Professor, Dept. of ECE, attended the **ATAL FDP** on "**Modern Pedagogical Techniques for Effective Teaching & Learning**" organised by NRI Institute of Technology, Vijayawada during 08-12 February 2021.

# RESEARCH



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# ECE | PAPER PUBLICATION | A DEEP-RNN AND META-HEURISTIC FEATURE SELECTION APPROACH FOR IoT MALWARE DETECTION



Contents lists available at [ScienceDirect](https://www.sciencedirect.com)

Materials Today: Proceedings

journal homepage: [www.elsevier.com/locate/matpr](http://www.elsevier.com/locate/matpr)



A deep-RNN and *meta*-heuristic feature selection approach for IoT malware detection

G. Radhakrishnan<sup>a</sup>, K. Srinivasan<sup>b</sup>, S. Maheswaran<sup>c</sup>, K. Mohanasundaram<sup>d,\*</sup>, D. Palanikkumar<sup>e</sup>, Abhay Vidyarthi<sup>f</sup>

<sup>a</sup> Department of EEE, Sri Krishna College of Engineering and Technology, Coimbatore, India

<sup>b</sup> Department of ECE, Sri Krishna College of Technology, Coimbatore, India

<sup>c</sup> Department of ECE, Kongu Engineering College, Erode, India

<sup>d</sup> Department of EEE, KPR Institute of Engineering and Technology, Coimbatore, India

<sup>e</sup> Department of IT, Dr. NGP Institute of Technology, Coimbatore, India

<sup>f</sup> School of EEE, VIT Bhopal University, Sehore, India

## ARTICLE INFO

### Article history:

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Available online xxxxx

### Keywords:

Machine learning

Deep learning threat identification

## ABSTRACT

Increasingly, Internet of Things (IoT) is used in various sectors and for various objectives. The increasing existence in huge range of technologies, and growing computing and computing capabilities build them a worth able target for attack, such as virus model to attack particular IoT systems. In this research article, we describe how deep learning techniques are having performed to identify IoT malware. In specific, our proposed method uses RNN for the study of execution process codes in ARM-based IoT frameworks. We use an IoT malware sample dataset with 27 Ibenign-ware and 282 malware to practice our model. Next, we tested the trained method by using the 104 unknown (LSTM) Long Short Term Memory samples from



ELSEVIER

Dr K Srinivasan, Assoc. Professor, Dept. of ECE, published a paper on "A Deep-RNN and Meta-heuristic Feature Selection Approach for IoT Malware Detection" in Elsevier- Materials Today: Proceedings on 17 February 2021.

**ECE | FUND RECEIVED | GRANT OF CONFERENCE**



Dr G M Tamilselvan, Professor and Head, Dr K Srinivasan, Assoc. Professor, Mr M Navin Kumar, Ms N Vijayalakshmi and Ms R Priya, Asst. Professors, Dept. of ECE, received a fund under Grant of Conference (GOC) approved by the AICTE on 19 February 2021.



# NEW VISTAS OF LEARNING



@skctdigest



@skctofficial



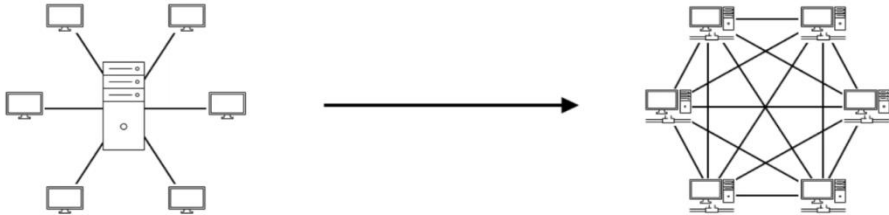
digestfeedback@skct.edu.in

## IT | WEBINAR ON INTRODUCTION TO BLOCKCHAIN AND AWS MANAGED BLOCKCHAIN

Building trust in a network

aws training and certification

Blockchain eliminates the need for central authority in business networks with three main components:  
Distributed ledger, consensus mechanism, and smart contracts




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Consensus mechanism

aws training and certification

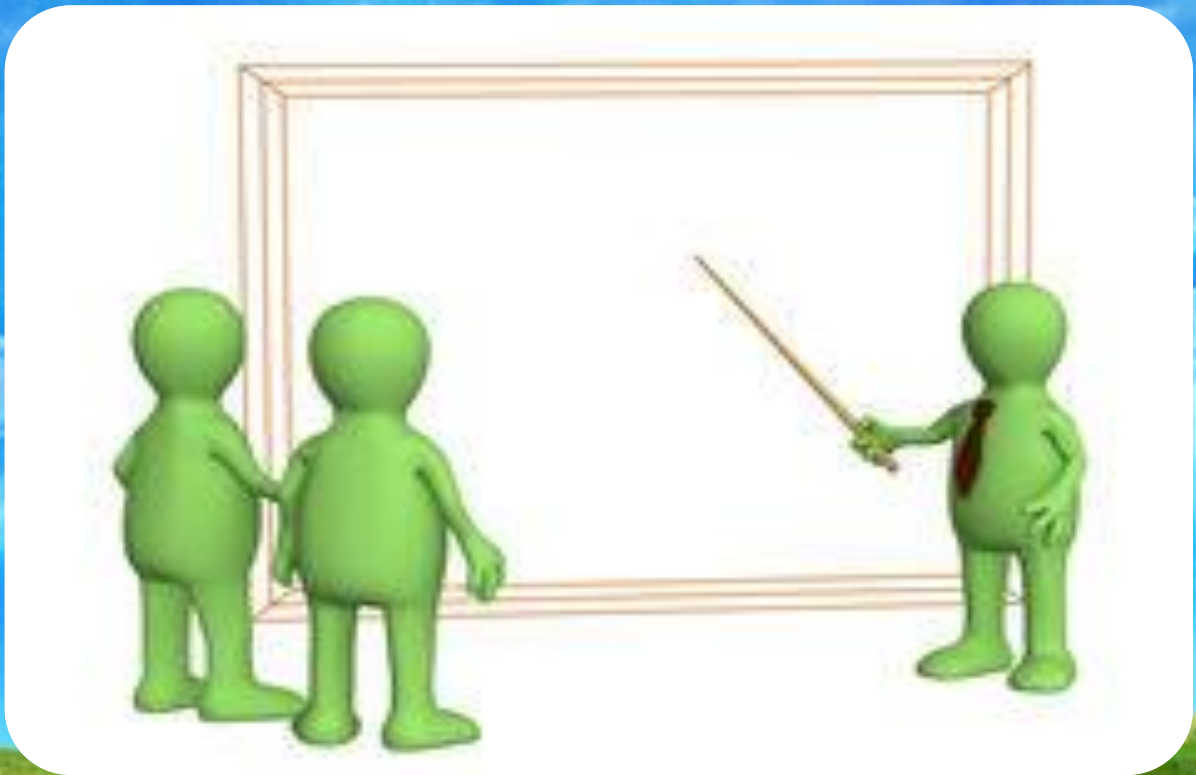
- Method by which a network agrees on which data are valid and the order which the data will be added to the network
- Ensures that the members in the network have an agreed upon method to allow data to be added to the network
- Enables the network to achieve security, accuracy, and immutability



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Ms S Madumidha, Asst. Professor, Dept. of IT, attended the AWS Virtual Training on **“Introduction to Blockchain and AWS Managed Blockchain”** organised by ICT Academy on 15 February 2021.

# FDPs ATTENDED



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



Dr P Sakthivel, Dr S Santhosh, Assoc. Professors and Mr P Sivaraman, Asst. Professor, Dept. of Mechanical Engineering, attended the AICTE sponsored One-week 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.

IT | FDP ON HUMAN CENTRE COMPUTING

No:ATAL/2020/1609139648



**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

**AICTE Training And Learning (ATAL) Academy**

Certificate

This is certified that **Roopa V, Assistant Professor** of **Sri Krishna College of Technology** participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "**Human Centre Computing**" from **2021-2-1 to 2021-2-5** at **CMR Institute of Technology**.



Director ATAL Academies



Coordinator



Ms V Roopa, Asst. Professor, Dept. of IT, completed the AICTE Training and Learning (ATAL) Academy online Faculty Development Programme on "**Human Centre Computing**" organised by CMR Institute of Technology, Bengaluru from 01 Feb 2021 to 05 Feb 2021

# MEETINGS & DISCUSSIONS



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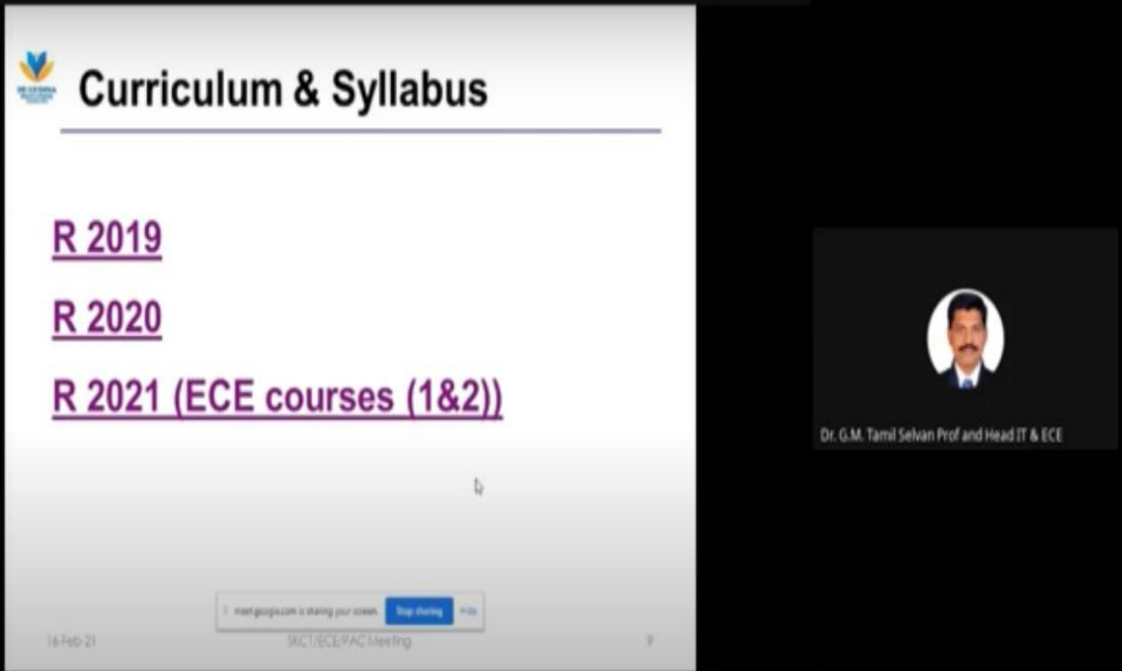


**CSE | ANNA UNIVERSITY – RESEARCH CENTRE  
RECOGNITION VIRTUAL MEETING**

Research Facilities in the Dept. of CSE was inspected by Centre for Research, Anna University, Chennai. Dr Srinivasan Alavandar, Principal and Dr P Tamije Selvy, Professor and Head, Dept. of CSE and the Members of Faculty, facilitated the session on 17 February 2021.

**ECE | BOARD OF STUDIES MEETING**

BoS Meeting 16.02.2021 (2021-02-16 at 00:38 GMT-8)



The screenshot shows a Zoom meeting interface. The main content is a presentation slide with the title "Curriculum & Syllabus" and a list of links: [R 2019](#), [R 2020](#), and [R 2021 \(ECE courses \(1&2\)\)](#). A small video window on the right shows a man in a suit, identified as Dr. G.M. Tamil Selvan, Prof and Head IT & ECE. At the bottom of the screen, there is a "Meet program is sharing your screen" notification and a "Stop sharing" button. The date and time "16-Feb-21" and "SCT/ECE/FAC Meeting" are also visible.

The Dept. of ECE conducted the “**Board of Studies**” facilitated by Dr G M Tamilselvan, Professor and Head, Dept. of ECE. Dr M Poongothai University Nominee, Assoc. Professor, Dept. of ECE, Coimbatore Institute of Technology, Dr G Lakshminarayanan, Professor, Dept. of ECE, National Institute of Technology, Trichy, Dr A Brintha Therese, Professor and Deputy Director – Ranking and Accreditation, Dept. of ECE, VIT, Chennai, Ms Suganya Subburaj, Department Head, Engineering and Business Solutions, Robert Bosch, Coimbatore and Dr M Sabarigiriraj, Professor & amp; Head/ECE, SVS College of Engineering, Coimbatore, were the BOS members on 16 February 2021.

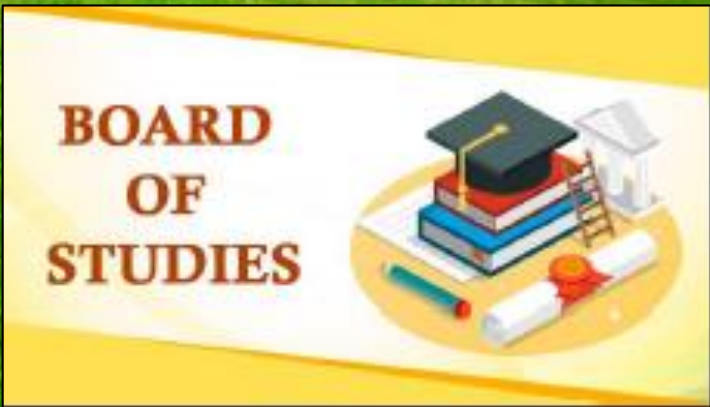
**ECE | BOARD OF STUDIES MEETING**

SEMESTER V							
SL No.	Course Code	Course	L/T/P	Contact hrs./wk.	C	Ext./Int.	Cat.
<b>THEORY</b>							
1	19EC501	Control Systems Engineering	3/1/0	4	4	60/40	PCC
2	19ECExx	Professional Elective I	3/0/0	3	3	60/40	PEC
3	19xxOxx	Open Elective I	3/0/0	3	3	60/40	OEC
4	19HSM02	Soft skills and Interpersonal Communication	3/0/0	3	3	60/40	HSMC
<b>THEORY CUM PRACTICAL</b>							
5	19EC502	Electromagnetic Waves	3/1/2	6	5	40/60	PCC
6	19EC503	Digital Signal Processing	3/1/2	6	5	40/60	PCC
<b>MANDATORY COURSE</b>							
7	19MC003	Mandatory					MC

Dr.K.SUMATHI Professor ECE

PROFESSIONAL CORE COURSES (49 Credits)						
SL No.	Course Code	Course Title	L/T/P	Contact hrs./Wk.	C	Cat.
1.	19EC201	Electron Devices	3/0/2	5	4	PCC
2.	19EC301	Signals and Systems	3/1/0	4	4	PCC
3.	19EC302	Digital System Design	4/0/2	6	5	PCC
4.	19EC303	Analog Circuits	3/1/2	6	5	PCC
5.	19EC401	Computer Architecture	3/0/0	3	3	PCC
6.	19EC402	Analog and Digital Communication	3/1/2	6	5	PCC
7.	19EC403	Microcontrollers and Interfacing	3/0/3	6	4.5	PCC
8.	19EC501	Control Systems Engineering	3/1/0	4	4	PCC
9.	19EC502	Electromagnetic Waves	3/1/2	6	5	PCC
10.	19EC503	Digital Signal Processing	3/1/2	6	5	PCC
11.	19EC601	Computer Communication and Networks	3/0/3	6	4.5	PCC

Lakshminarayana G



## ECE | PLACEMENT MEETING

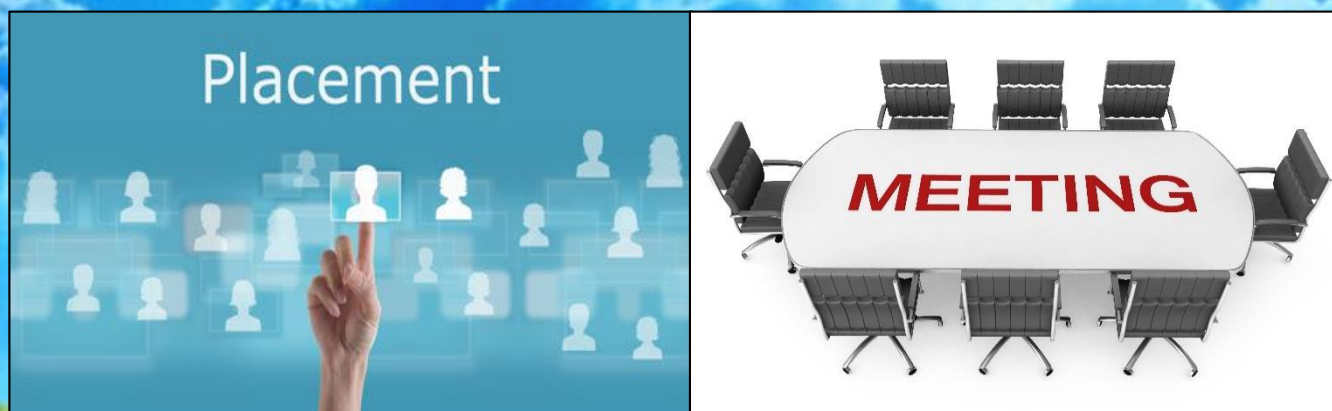
Placement Meeting

People (99) Chat

- 19TUEC601 ABISHEK.S
- 19TUEC602 PAVITHRAV
- 19TUEC702 SABARISH.R
- 19TUEC703 SANTHOSH...
- Dr. G Anitha , Asst. Prof.
- Dr. G.M. Tamil Selvan Pr...
- Mr.Senoj Joseph, ASST. ...
- Ms. M.Jaishree ASST. P...
- Ms. S. Jaipriya Asst Prof...
- Thirrunavukkarasu R R

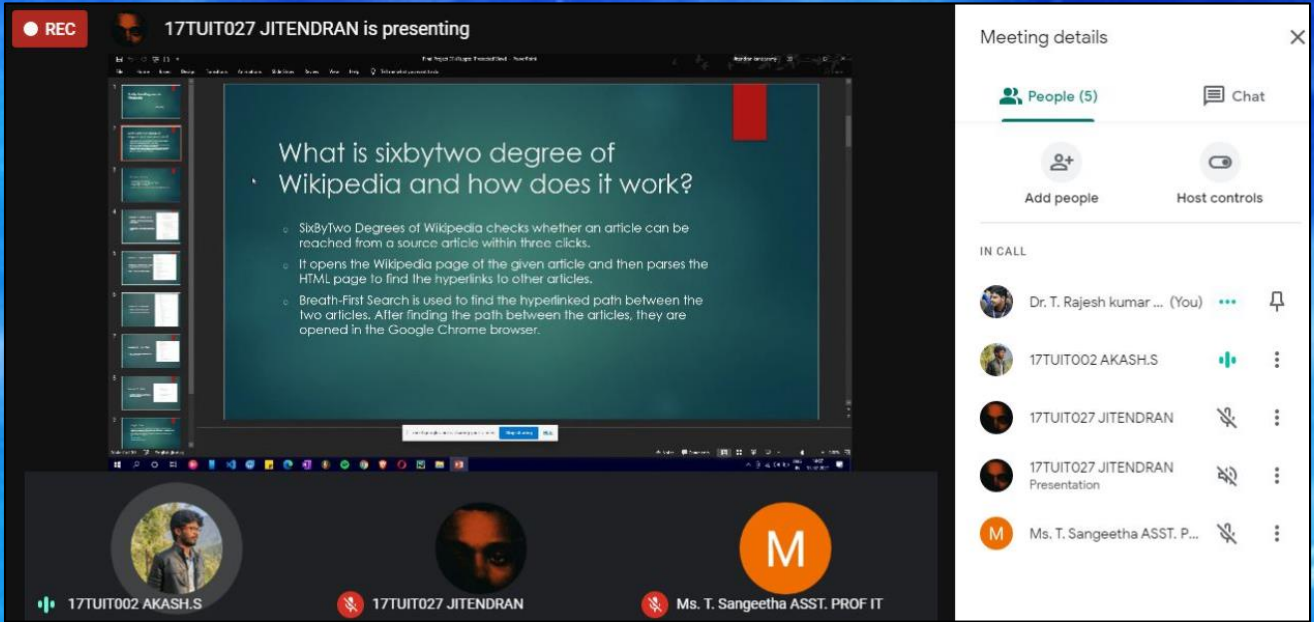
Placement Meeting

Raise hand Turn on captions Present now

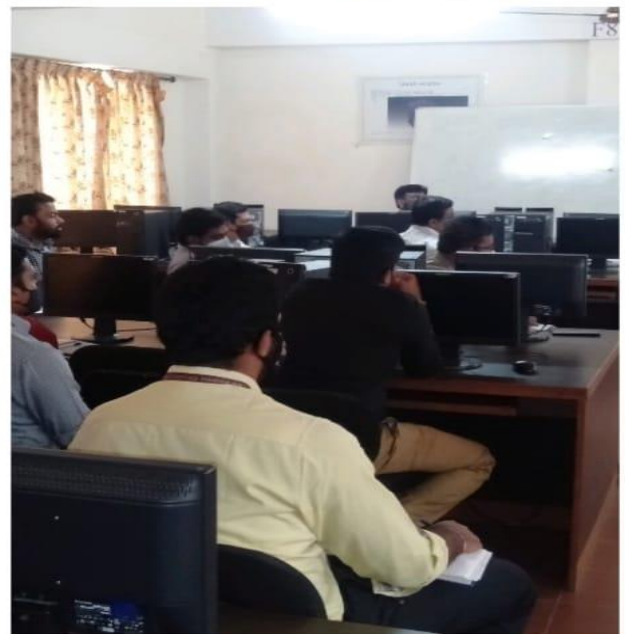
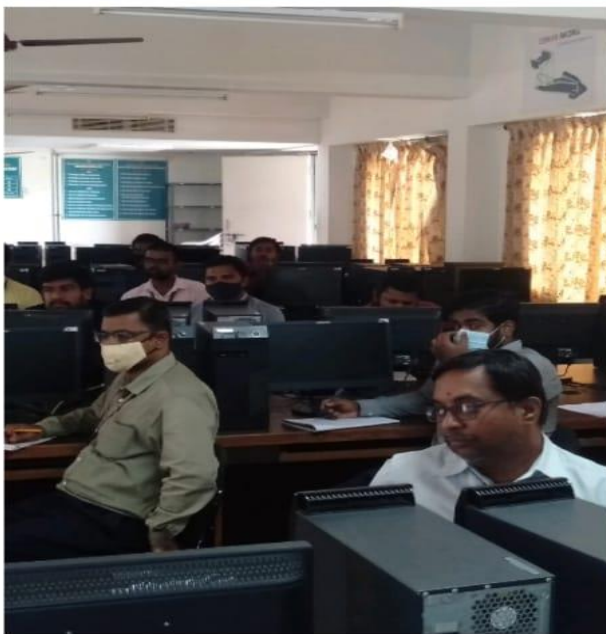
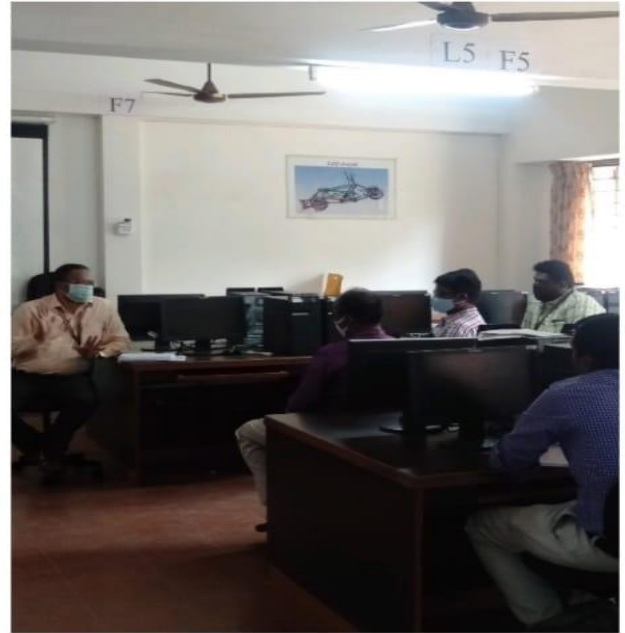


Dr G M Tamilselvan, Professor and Head, Mr G Santhakumar and Mr R R Thirrunavukkarasu, Asst. Professors and Placement Coordinators, Dept. of ECE, conducted a “**Placement Meeting**” for the Students of Third B.E. ECE regarding the Importance of Programming Skills, Interview Skills, Company Specific Training and Fundamental Concepts in Core Subjects on 16 February 2021.

# IT | FINAL YEAR PROJECT REVIEW

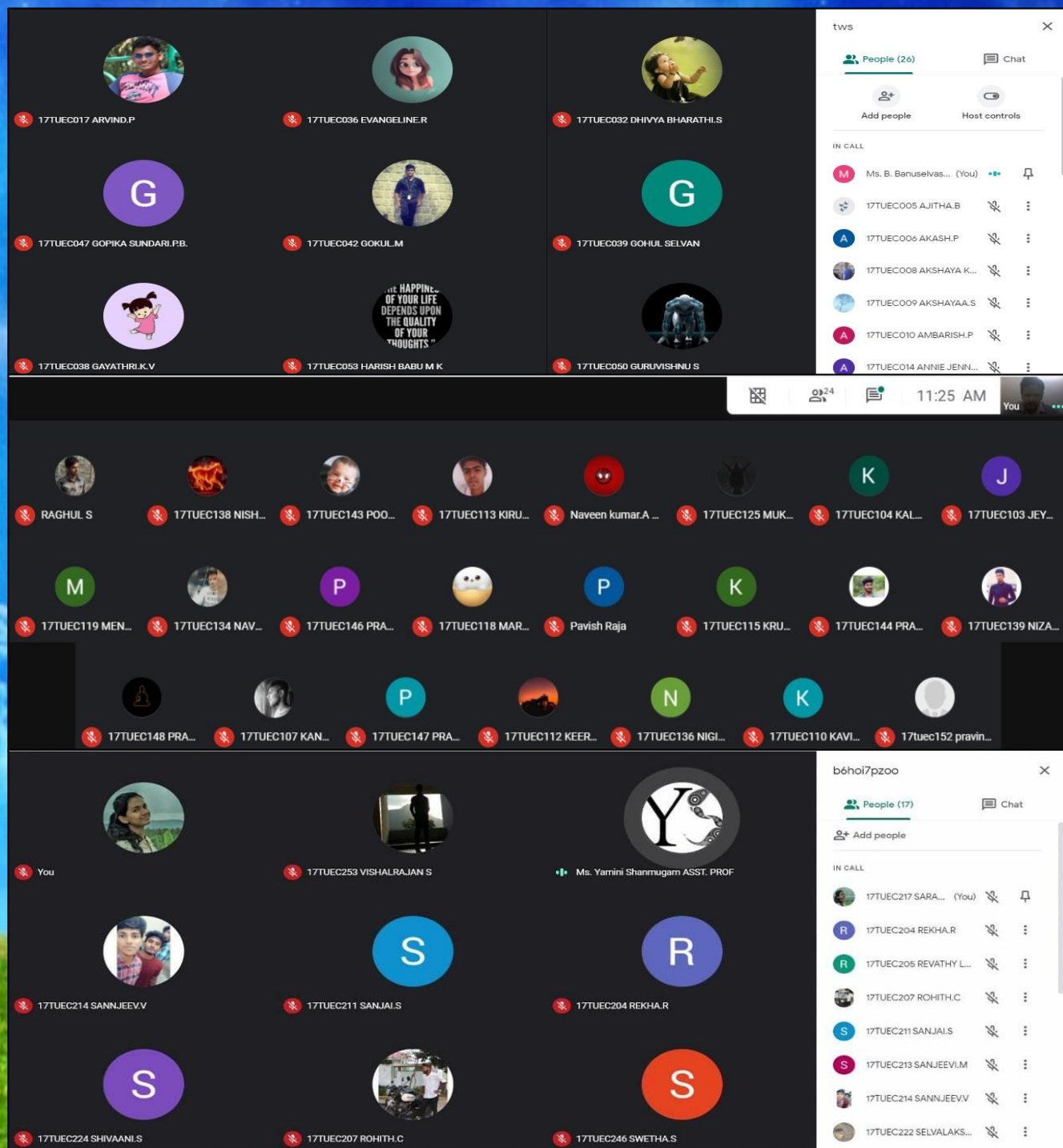


Students of Final B.Tech. IT presented their second module implementation in **“Second Review Meeting”** reviewed by the Members of Faculty on 13 February 2021.

**MECH | DEPARTMENT MEETING**

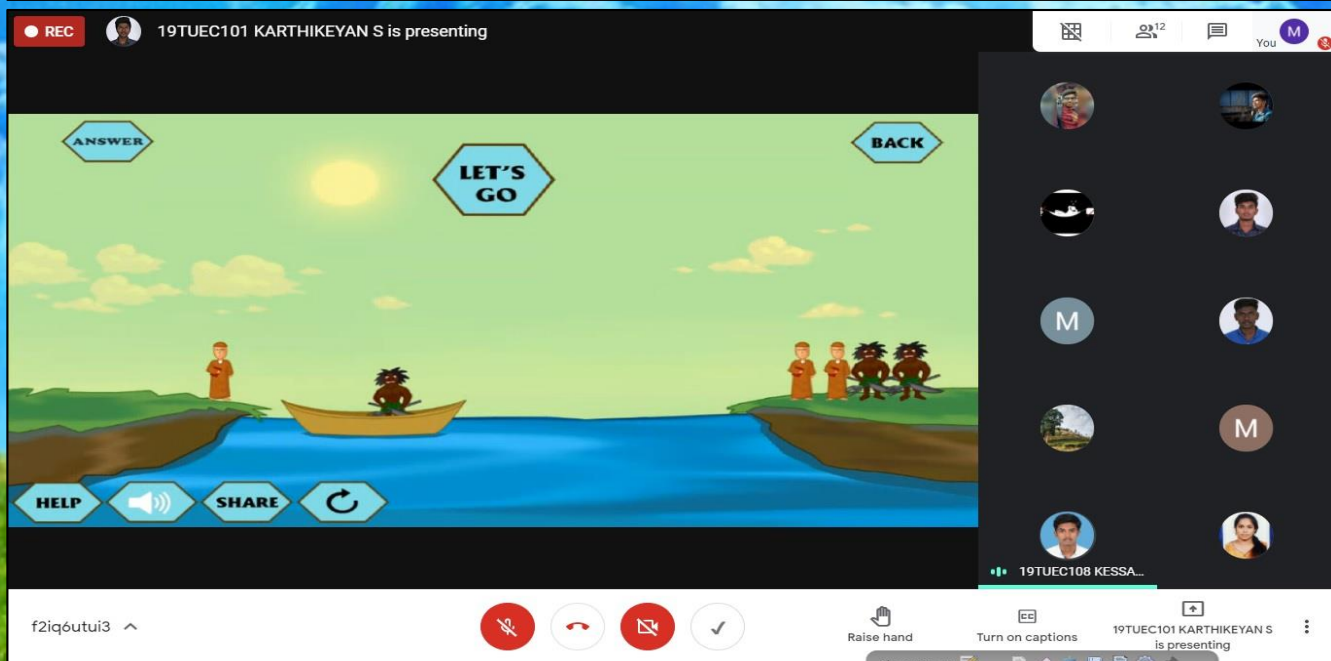
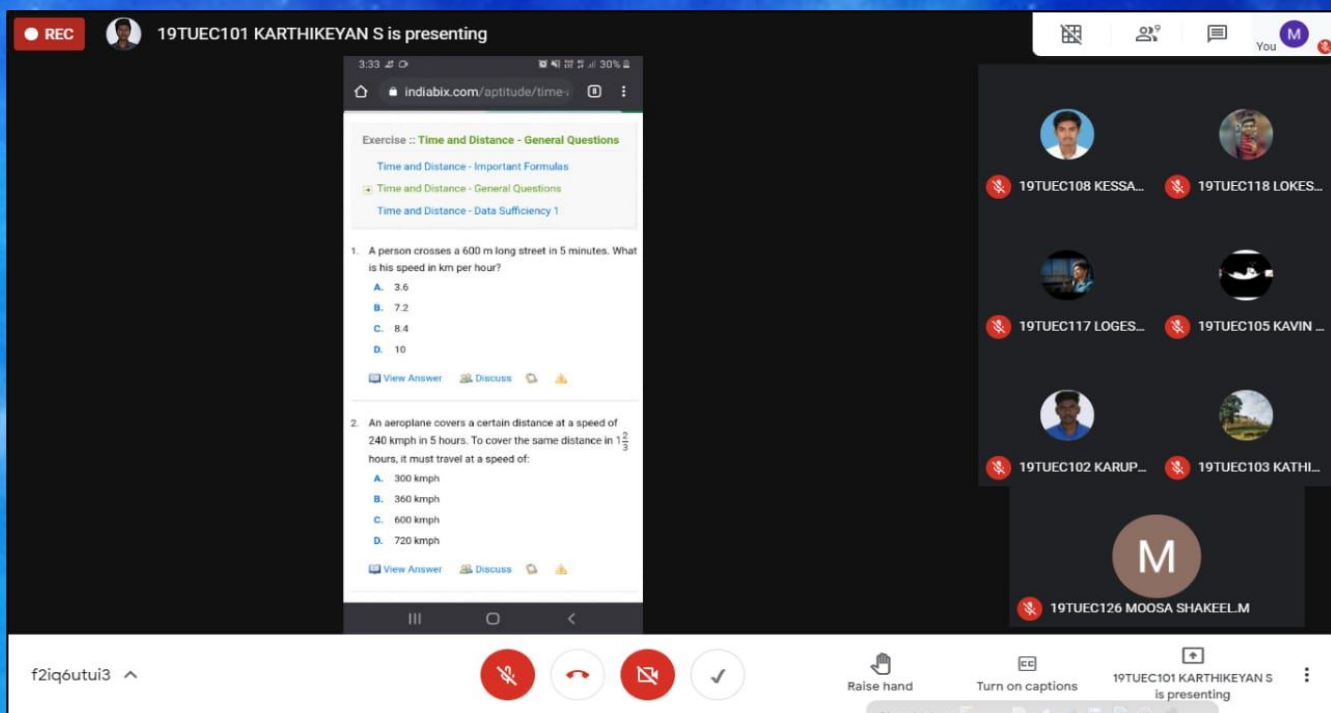
Dr P Prathap, Professor and Head, Dept. of Mechanical Engineering, conducted a meeting with the Members of Faculty on 16 February 2021

# ECE | TUTOR WARD MEETING



Tutors of Final B.E. ECE conducted a “**Tutor Ward Meeting**” with their respective wards and discussed regarding Placement and Project Completion on 13 February 2021.

## ECE | TUTOR WARD MEETING





Tutors of Second B.E. ECE conducted a “**Tutor Ward Meeting**” with their respective wards and discussed regarding their Active Participation and involvement in Aptitude and Puzzle Games on 17 February 2021.



# CSE | PLACEMENT MEETING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**PLACEMENT MEETING**  
**FOR 2018 – 2022 BATCH**  
**ON 18.02.2021**

<https://meet.google.com/khb-bqjb-rya>

PLACEMENT MEETING FOR 2018 – 2022 BATCH 1

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**Meeting Focuses on**

1	Uploading Personal Documents in Drive
2	How to act professionally during the interviews?
3	Preparation for upcoming drives
4	Attendance of Training
5	Practice in Examly portal
6	Interaction with Placement Mentor
7	Submission of Intern OD form

PLACEMENT MEETING FOR 2018 – 2022 BATCH 2



Dr R Karthik, Asst. Professor, Dept. of CSE, conducted a **“Placement Meeting”** with the Students of Third B.E CSE regarding Placement Activities on 18 February 2021.

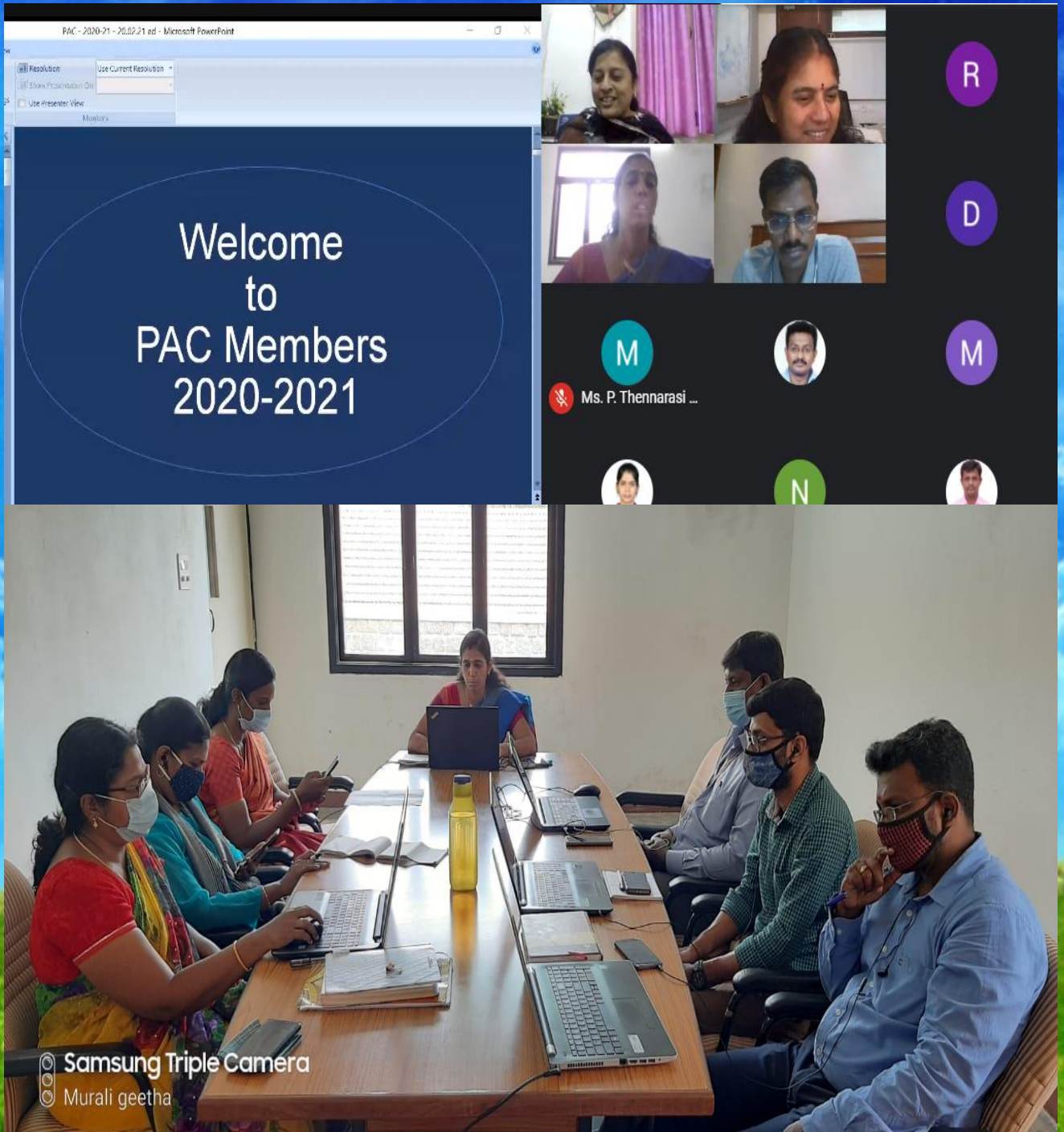
**EEE | DEPARTMENT MEETING**

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 and Placement Activities on 16 February 2021.

**ECE | DEPARTMENT MEETING**

Dr G M Tamilselvan, Professor and Head, Dept. of ECE, conducted a meeting with the Members of Faculty and discussed regarding Online Classes, Students Participation in Project Contest and Research Activities on 19 February 2021.

## SoM | PROGRAMME ADVISORY COMMITTEE



The School of Management conducted a **“Programme Advisory Committee Meeting”** on 20 February 2021.

## CIVIL | ALUMNUS MEETING



The Members of Faculty in the Dept. of Civil Engineering interacted with Mr Aswin, Project - Head, Dyuken Furnitures, Coimbatore and Alumnus (Batch 2013-2017) on 17 February 2021.

## SoM | NAAC MEETING

Mr A PrasathKumar, Asst. Professor, SoM, conducted a “**NAAC Meeting**” with the Members of Faculty and discussed regarding the status of NAAC Files on 16 February 2021.



# EVENTS ORGANISED



@skctdigest

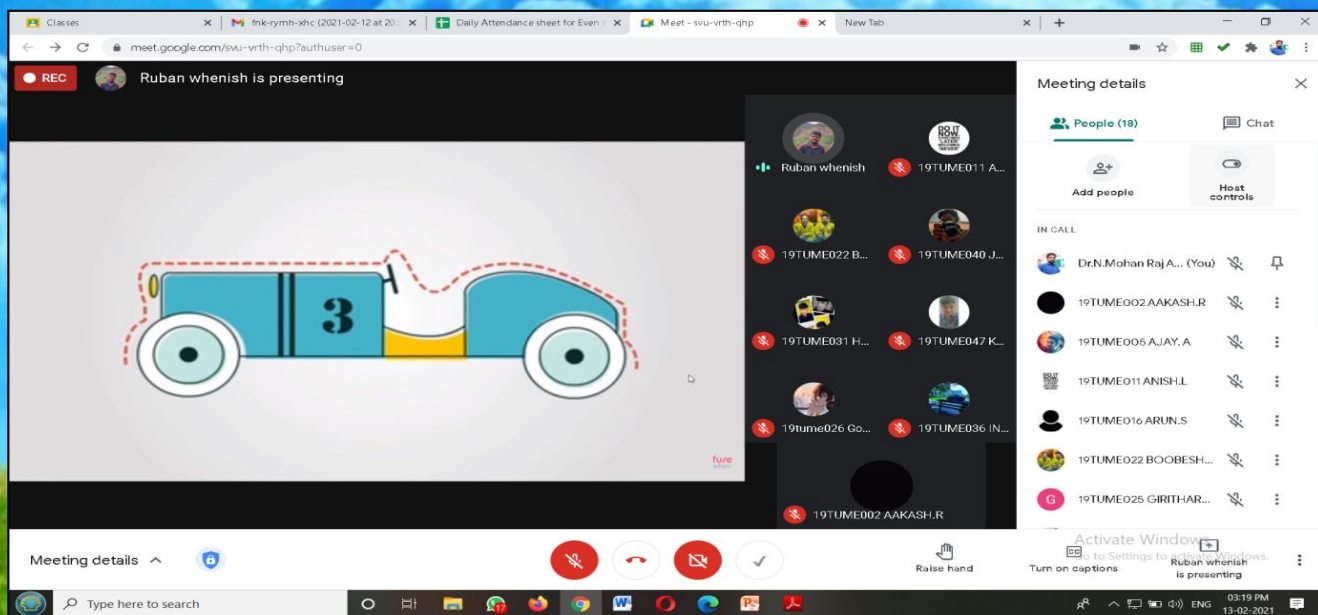
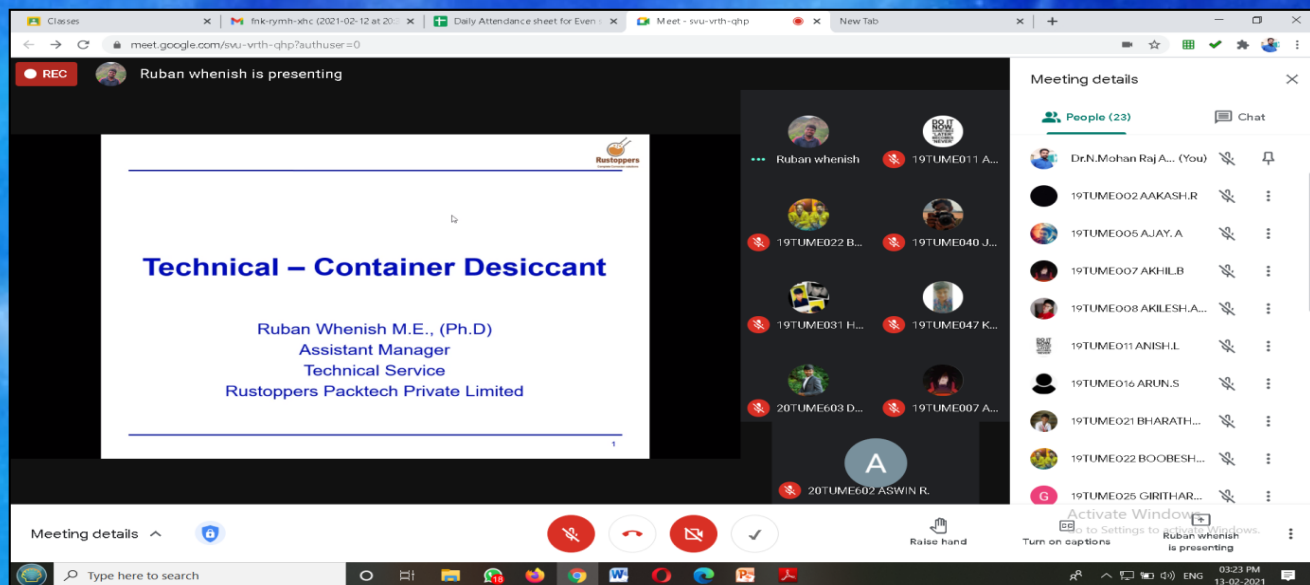


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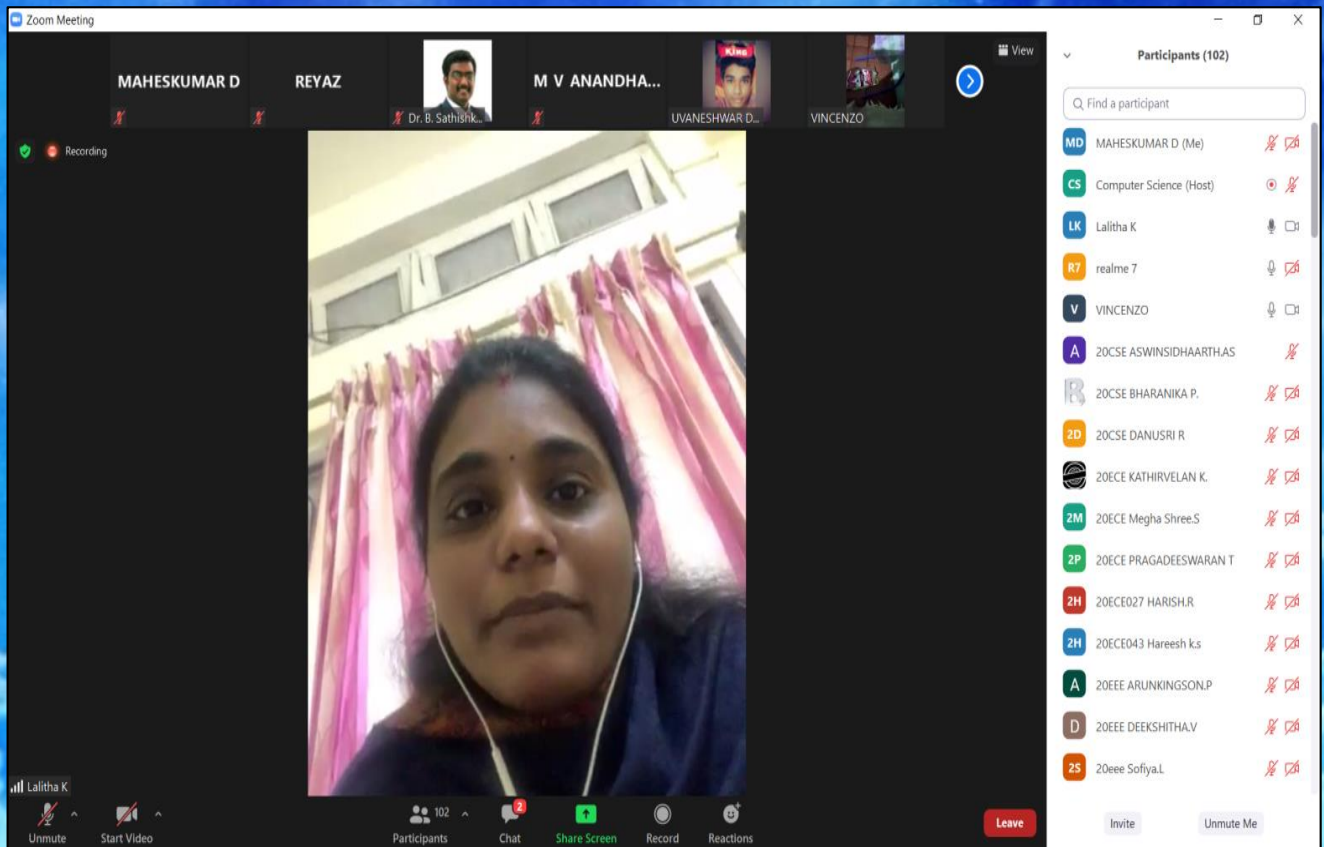
digestfeedback@skct.edu.in

# MECH | WEBINAR ON CORROSION PREVENTION AND REMOVAL



The Dept. of Mechanical Engineering organised a webinar on "Corrosion Prevention and Removal" for the Students of Second B.E. Mechanical Engineering. Mr Ruban Whenish, Assistant Manager, Technical Service RUSTOPPERS Packtech Private Limited, Chennai, facilitated the session on 13 February 2021.

## S&H | WEBINAR ON STRATEGY FOR ENGINEERING STUDENTS TO BECOME AN IAS / IPS / IFS OFFICERS



Mr D Maheskumar, Asst. Professor, Dept. of Science and Humanities, organised a webinar on **“Strategy for Engineering Students to become an IAS / IPS / IFS Officers”** facilitated by Mrs K Lalithambigai, IAS Officer, Joint Secretary (Textile, Commerce and Industry) and OSD (IT), Chief Secretary on 06 February 2021.



# S&H | WORLD RADIO DAY CELEBRATION



**SRI KRISHNA COLLEGE OF TECHNOLOGY**  
AUTONOMOUS INSTITUTION | ACCREDITED BY NAAC WITH 'A' GRADE

**DEPARTMENT OF SCIENCE AND HUMANITIES**  
*we cordially invite you to participate*  
*in the various events on account of*

## "WORLD RADIO DAY"

ORGANISED BY FIRST YEAR IT-A STUDENTS  
*Under the guidance of,*  
DR. D. SANTHOSH SHANTHAJ KUMAR ASST. PROF  
MR. D. MAHESH KUMAR ASST. PROF

**CO-ORDINATORS**  
• ASHISH  
• JANANI B S  
• ANGU PRASATH J  
• HARINI M  
• KAVIPRIYA T  
• KISHAN KUMAR B B

**EVENTS:**  
• TEMPLATE SPEAKS  
• FM TONES  
• MEMORY GAMES

**CERTIFICATES WILL BE PROVIDED**

**CONTACTS** 9487863589  
7972500511

**DATE: FEB 15 2021**  
**TIME: 4:00PM-5:00PM**



**EVENT CO-ORDINATED BY:**

- ASHISH
- JANANI
- ANGUPRASATH
- HARINI
- KAVIPRIYA
- KISHAN KUMAR



Students of First B.Tech. IT A section organised various events like Template Speak (live), FM Tones (live) and Memory Game (live) as a part of “World Radio Day” on 15 February 2021.

## MECH | WEBINAR ON CURRENT PRACTICES IN MANUFACTURING INDUSTRY

The image displays two screenshots of a Zoom webinar presentation. The top screenshot shows a slide titled "INTERNET OF THINGS" with the following content:

- New concept being adopted at a rapid pace all over the world.
- Provides a tool to access the information regarding a product through any device and also in monitoring their history of performance, services done.
- Customers more looking towards utilizing and paying for the period the product is in use and rather than buying the product as an investment.

**MERITS:**

1. As all information regarding a product is fed to the database, it sends out reminders for next service, period of use, spares procurement and end of service for replacement
2. As customer move towards using the product as a service, the risk involved is minimised at the end user level as it requires minimum initial capital investment
3. Information can be readily accessed by a service engineer/concerned for attending a product repair through any device

The bottom screenshot shows a slide titled "INTEGRATED BUSINESS PLANNING (IBP)" with the following content:

- IBP is a SAP based excel plugin used to monitor the shop load against capacity and also provides base for Demand forecast.
- Inputs like booking forecast, available capacity, statistical forecast, actuals are fed to the tool
- Demand consensus meeting is conducted between sales team and planning team to arrive the net forecast in line with statistical achievement.
- Supply consensus meeting conducted between supply chain and planning to arrive the feasibility of meeting the demand and accordingly modified demand is generated.

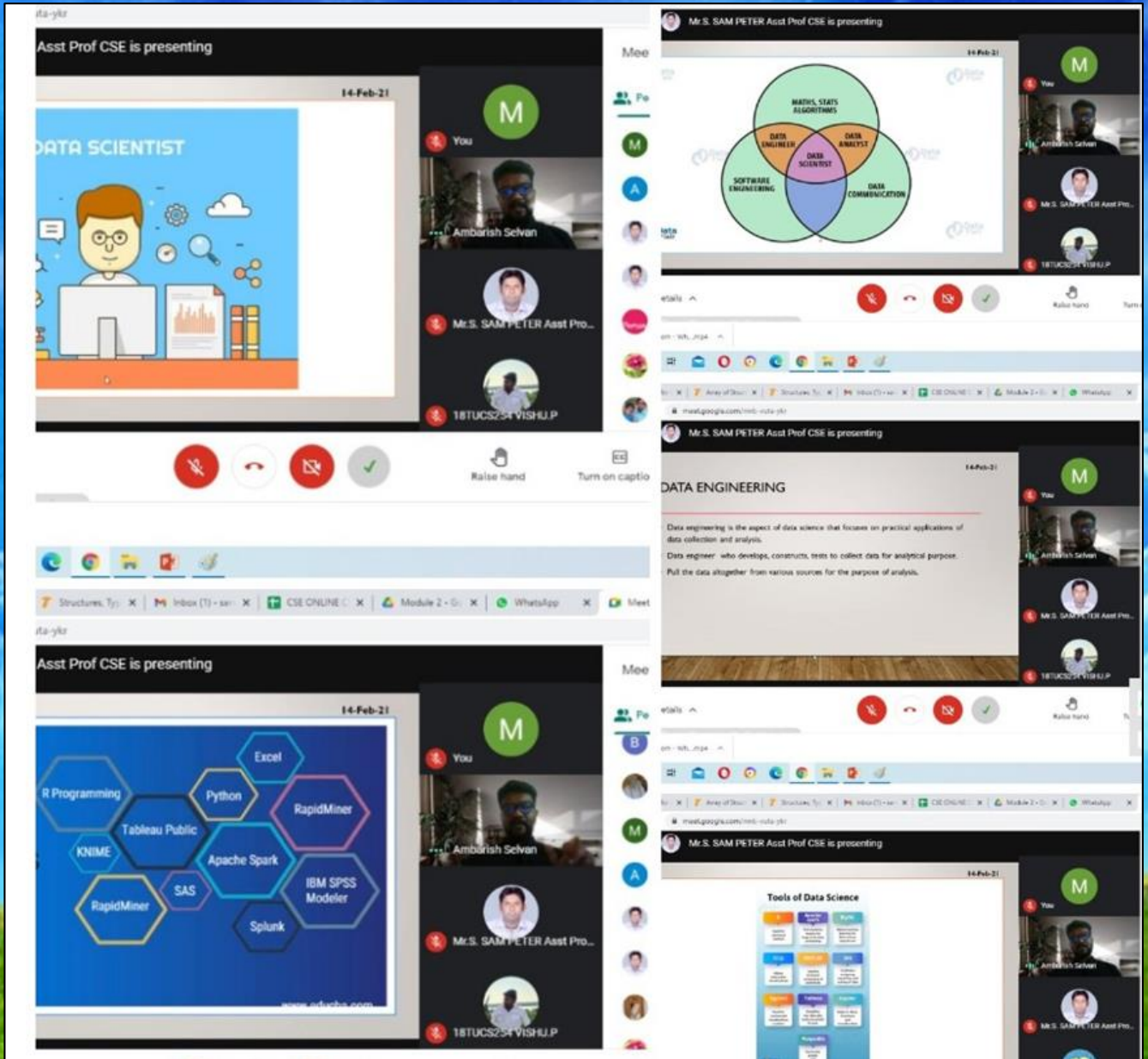
**MERITS:**

1. Able to forecast the demand even before receiving customer order and deliver within short lead time to customer
2. Initiating the expansion of supply chain capacity, inhouse capacity to achieve upcoming load without compromising the delivery time anticipated by customer.

Both slides are presented by Karunakaran Haridass. The Zoom interface shows a grid of participants and a control bar at the bottom with options like "Raise hand", "Turn on captions", and "Karunakaran Haridass is presenting".

The Dept. of Mechanical Engineering and Institution's Innovation Council organised a webinar on "Current Practices in Manufacturing Industry" for the Students of First B.E. Mechanical Engineering. Mr H Karunakaran, Planning Supervisor, Flowserve Ltd., Coimbatore, facilitated the session on 17 February 2021.

## CSE | WEBINAR ON LATEST TRENDS IN DATA SCIENCE AND DATA ENGINEERING



The Dept. of CSE organised a webinar on "**Latest Trends in Data Science and Data Engineering**" facilitated by Mr Ambarish Selvan, Senior Software Engineer, Accenture, Bangalore on 14 February 2021.

# CSE | WEBINAR ON HOW TO BECOME A QUALITY ASSURANCE ENGINEER

EC Manoj kumar Anbalagan is presenting

## Troubleshooting & Debugging

If there is a problem in a system/service, how v

Practice questions:

1. Order processing in a shopping website is v hours, how would you debug this problem?
2. A video game crashed in the middle of play problem?
3. Unable to connect to home wifi. How will y

---

## How to approach TCE questions?

- . Ask clarifying questions
- . Think according to different testing types
  1. Functional
  2. Non-functional
    1. Performance
    2. Load
    3. Stress
    4. Security
    5. Usability
    6. Compliance
    7. Localization
- . Pro tip – Think of edge cases, cases which oc

- What does a QAE do on a daily basis?
- How to prepare for a QAE interview?
  - Test case enumeration(TCE)
  - Test data generation(TDG)
  - Troubleshooting and Debugging
  - Coding/Problem solving
- Q&A

---

## Software Development Lifecycle(SDLC)

How to approach TCE questions?

1. Ask clarifying questions
2. Think according to different testing types
  1. Functional
  2. Non-functional
    1. Performance
    2. Load
    3. Stress
    4. Security
    5. Usability
    6. Compliance
    7. Localization

The Dept. of CSE organised a webinar on “**How To Become A Quality Assurance Engineer**” facilitated by Mr Manoj Kumar Anbalagan, Quality Assurance Engineer, Amazon on 13 February 2021.

# CSE | WEBINAR ON INTRODUCTION TO DEVOPS AND CLOUD

**SRI KRISHNA COLLEGE OF TECHNOLOGY**  
[An Autonomous Institution]  
Affiliated to Anna University, Chennai | Accredited by MAAC with 'A' Grade  
Kovaipudur, Coimbatore - 641 042

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
(Accredited by NBA)

**INSTITUTION'S INNOVATION COUNCIL**

organise a webinar on  
**Introduction to DevOps & Cloud**  
Resource Person

**Mr. Mohanraj Vellingiri**  
CSE ALUMNUS  
Devops Tools Manager  
Harman International  
Bangalore

17 FEBRUARY 2021 @ 06.00PM

<https://meet.google.com/zjp-wqeg-pqw>

The Dept. of CSE organized a webinar on **“Introduction to Devops and Cloud”** facilitated by Mr Mohanraj Vellingiri, CSE Alumnus (Batch 1999-2003) Devops Tools Manager, Harman International, Bangalore on 17 February 2021.

## IT | WEBINAR ON INSIGHTS IN POSTGRESQL



SRI KRISHNA COLLEGE OF TECHNOLOGY

[ An Autonomous Institution ]  
(Approved by AICTE, Affiliated  
to Anna University )

Institution Innovation 's Council

DEPARTMENT OF INFORMATION TECHNOLOGY

Organizes webinar on

Insights in PostgreSQL

**Resource Person**Mr. Yogapaveen  
Software Developer  
Raster Images Pvt Ltd**Date: 18.2.2021****Time: 12:00P.M-01:00P.M**

Google Meet Link:

<https://meet.google.com/pqr-pyrg-gby>

The Dept. of Information Technology and Institution Innovation's Council organised a webinar on "**Insights in PostgreSQL**" for the Students of Third B.Tech. IT. Mr Yogapaveen, Software Developer, Raster Images Pvt. Ltd., facilitated the session. Ms M Malathi and Ms V Roopa, Asst. Professors, Dept. of IT, coordinated the event on 18 February 2021.

# IT | WEBINAR ON INSIGHTS IN POSTGRESQL

← djbpoymbxex ▶ ↻ 🔊 ← djbpoymbxex ▶ ↻ 🔊

### DropUser

- Name : dropuser - Drops (removes) a postgres user.
- Synopsis : dropuser [ options ] [ username ]
- Inputs :
  - h : host .Host specifies the host name of machine on which postmaster is running.

### Applications

- Createdb - Create a new PostGres database.
- Destroydb - Remove an existing PostGres database .
- Createlang : Add a new programming language to a postgres database.
- Droplang : Remove a programming language from a postgres database.

Ms. M. Malathi Asst Pro... Ms. M. Malathi Asst Pro...

You 18TUIT002 18TUIT00... 17 others You 18TUIT002 18TUIT00... 17 others

📞 🗑️ 🔇 🤲 ⋮ 📞 🗑️ 🔇 🤲 ⋮

## IT | WEBINAR ON INTRODUCTION TO APACHE HADOOP

meet.google.com/khj-pctm-wwc?authuser=0

Ms. M. Malathi Asst Prof IT is presenting

13.2K/s 3:09 PM

Hadoop-ppt.pdf

Introduction

1. Introduction: Hadoop's history and advantages
2. Architecture in detail
3. Hadoop in industry

Brief History of Hadoop

- Designed to answer the question: "How to process big data with reasonable cost and time?"

Participants:

- 18tuit050 Krupasree RS
- 18TUIT032 GOKULRAAJ B M
- 18TUIT041 JAYASREE.S
- 18TUIT056 Moneesh Kannan R

Control Bar:

- Microphone: Muted
- Video: Off
- Screen Share: On
- Hand: Not raised
- Captions: Off
- Presenting: Ms. M. Malathi Asst Prof IT

The Dept. of Information Technology and Institution Innovation's Council organized a webinar on **"Introduction to Apache Hadoop"** for the Students of Third B.Tech. IT. Ms R Gnanambai, Senior Project Developer, Happiest Minds Pvt. Ltd., Bangalore, facilitated the session. Ms M Malathi and Ms S Muthulakshmi, Asst. Professors, Dept. of IT, coordinated the event on 16 February 2021.



# IT | WEBINAR ON INTRODUCTION TO APACHE HADOOP

**SRI KRISHNA COLLEGE OF TECHNOLOGY**  
[ An Autonomous Institution ]  
(Approved by AICTE, Affiliated to Anna University)

**INSTITUTION'S INNOVATION COUNCIL**  
(University of Anna University)

**INSTITUTION'S INNOVATION COUNCIL**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Organizes webinar on  
**Introduction to Apache Hadoop**

**Resource Person**  
**Ms.R.Gnanambal**  
Senior Project developer  
Happiest Minds Pvt Ltd  
Bangalore

**Date:16.2.2021**      **Time: 12:00 P.M-01:00P.M**

**Google Meet Link:**  
<https://meet.google.com/khj-pctm-www>

meet.google.com/khj-pctm-www?authuser=0

Ms. M. Malathi Asst Prof IT is presenting

Search engines in 1990s

18tuit050 Krupasree RS

18TUIT032 GOKULRAAJ B M

18TUIT041 JAYASREE.S

18tuit043 Karthick S

djbpybvx


People (27)

- Ms. M. Malathi As... (You)
- 18TUIT031 GOKUL K
- 18TUIT032 GOKULRAAJ...
- 18TUIT033 GOKULRAJ S.
- 18TUIT034 GUNALAN P
- 18TUIT035 HAMEEDHA...
- 18TUIT036 HARISHMA ...
- 18TUIT037 INDUJA.R


djbpybvx

Ms. M. Malathi Asst Prof IT is presenting

## EEE | PROGRAM ORGANIZED | WEBINAR ON EMERGING TRENDS IN ELECTRICAL SUBSTATION DESIGN



**SRI KRISHNA COLLEGE OF TECHNOLOGY**  
An Autonomous Institution | Accredited by NAAC-UCC  
COIMBATORE-641 042.





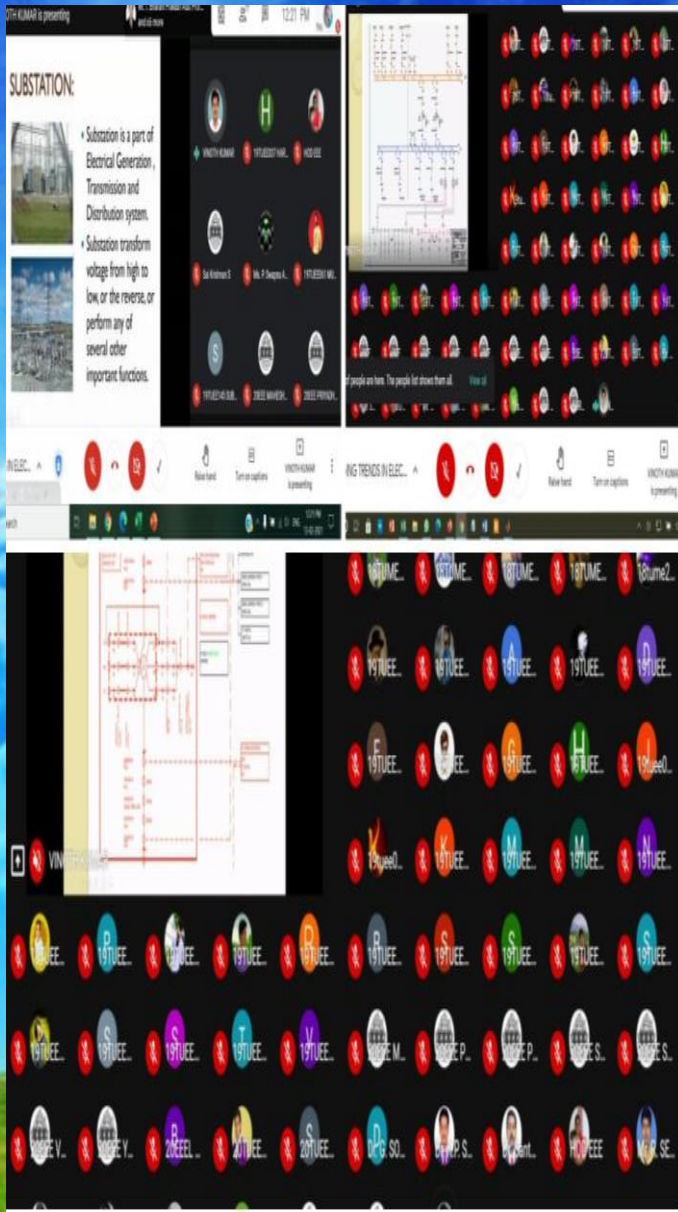
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
(Accredited by NBA)  
&  
**INSTITUTION'S INNOVATION COUNCIL (IIC)**

Organizes an Interactive  
Webinar on

*"Emerging Trends in Electrical Substation Design"*

Resource Person  
**Mr. S. VINOTH KUMAR**  
Electrical P & C Engineer,  
Balfour Beatty,  
Bangalore.

Date: 13.02.2021  
Time: 12 PM - 1 PM.

The screenshot displays a Zoom webinar in progress. The main window shows a presentation slide titled "SUBSTATION:" with the following text:

- Substation is a part of Electrical Generation, Transmission and Distribution system.
- Substation transform voltage from high to low, or the reverse, or perform any of several other important functions.

The slide also includes images of a substation and a diagram. The bottom of the screen shows a grid of participant avatars, many of whom have their names starting with "VINOTH KUMAR". The Zoom interface includes standard controls like "Mute", "Unmute", "Turn off camera", and "Turn on camera".

The Dept. of EEE organised a webinar on **"Emerging Trends in Electrical Substation Design"** facilitated by Mr S Vinothkumar, Electrical P&C Engineer, Balfour Beatty, Bangalore and Dr K Lakshmi, Professor and Head, Dept. of EEE. on 13 February 2021.

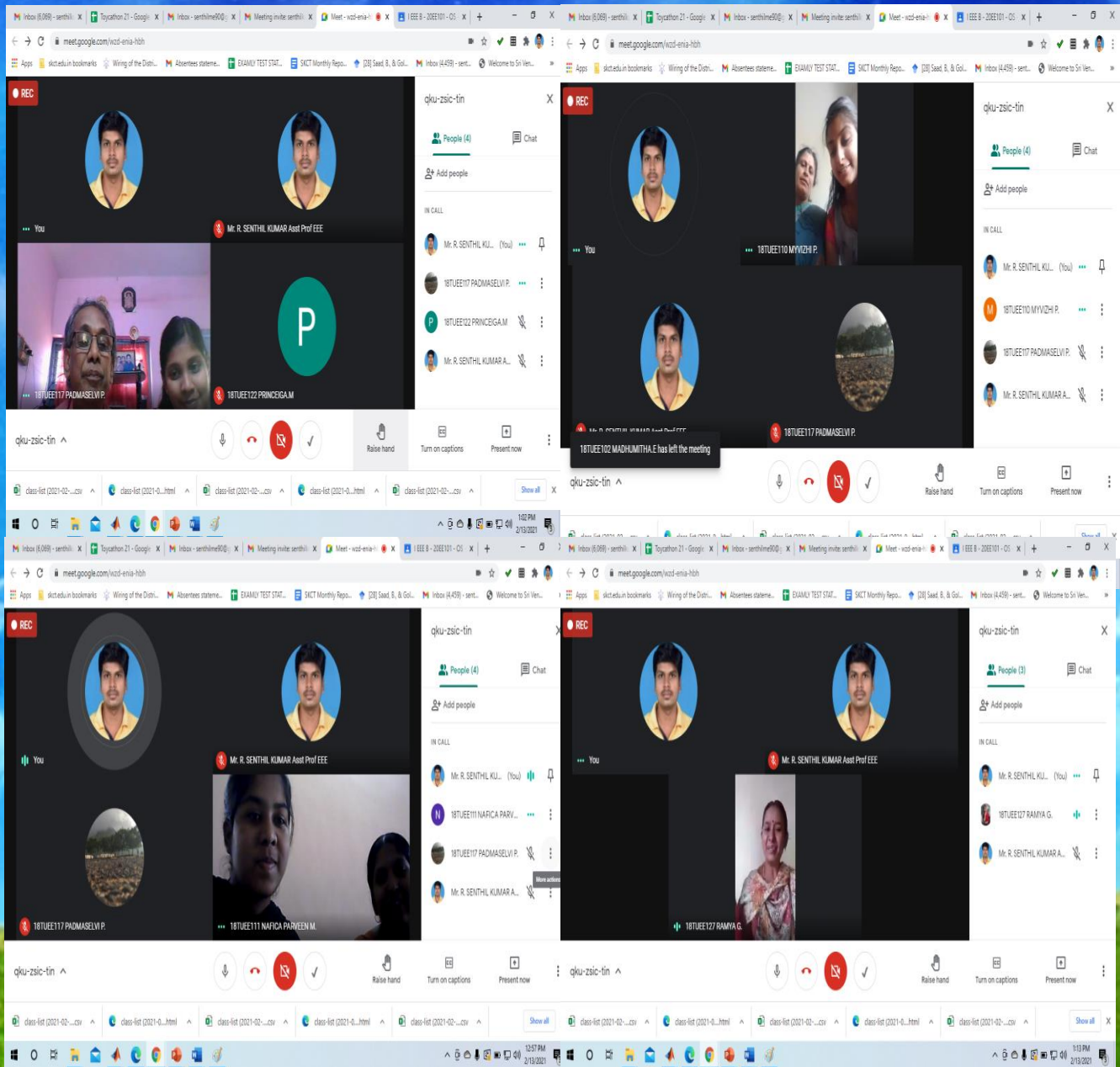
## EEE | FINAL YEAR PROJECT | FIRST REVIEW

The collage displays four screenshots from a Zoom meeting:

- Top-Left:** A slide titled "Abstract" listing features of a smart meter system, such as being a next-generation electricity meter, measuring usage and cost, and being wirelessly interconnected for remote control.
- Top-Right:** A slide titled "Hardware Setup Photos" showing students in a lab setting working on their project.
- Bottom-Left:** A slide titled "SMART STREET LIGHT USING HYBRID SYSTEM" providing project details, including the department (Department of Electrical and Electronics Engineering), the review date (13.02.2021), and the names of batch members and the project guide.
- Bottom-Right:** A "Block Diagram" of a submarine communication system. It shows a "CONTROL ROOM" with a "MOBILE APPLICATION" connected wirelessly to a "PROCESSOR UNIT" (containing a "MICRO CONTROLLER"). The processor unit is connected to a "MOTOR DRIVER" and "MOTOR" components, which are part of an "UNDERWATER" system. The system also includes a "SUBMARINE COMMUNICATION CABLE" and an "ULTRASONIC SENSOR" and "CAMERA" connected to the microcontroller.

Dr K Lakshmi, Professor and Head, Dr S Saravanan, Mr R Senthilkumar, Mr P Leninpugalhanthi, Asst. Professors and Project Coordinators, Dept. of EEE, conducted a **“First Review Meeting”** for the Students of Final B.E. EEE on 13 February 2021.

## EEE | ACADEMIC REVIEW MEETING



The Members of Faculty from the Dept. of EEE conducted a **“Academic Review Meeting”** with the Students of Second, Third and Final B.E. EEE and discussed regarding the Progress of Placement and Academic Activities during 13-14 February 2021.

ICE | SEMINAR ON NUANCES ON INDUSTRY 4.0

**DEPARTMENT OF ICE**

**INVITED LECTURE**

Meet

**SRI KRISHNA INSTITUTIONS COIMBATORE**

**INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiatives)**

**SRI KRISHNA COLLEGE OF TECHNOLOGY COIMBATORE - 42**

**Mr Karthik R**  
Alumni (ICE, 2019 Batch)  
Pursuing Masters in Supply Chain and Lean Management  
Toulouse Business School, France

**NUANCES ON INDSTRY 4.0**

19.02.2021  
12.00 - 13.00 HRS

REC Karthik Ravichandran is presenting

gknb7cqdy

People (34)

Add people

IN CALL

- Dr. S. Narendiran ... (You)
- 19TJIC001 ABHAY CHH.
- 19TJIC002 AISHWARYA.S
- 19TJIC003 ANIESH SEJ.
- 19TJIC004 ANSILIN PRI.
- 19TJIC005 ARUL SELVA.
- 19TJIC007 DEEPTHLA

Problems faced by traditional manufacturing

- Lower flexibility
- Larger workforce
- Working environment quality
- Lower asset efficiency




Are you talking? Your mic is off. Click the mic to turn it on.

gknb7cqdy

Raise hand Turn on captions Karthik Ravichandran is presenting

The Dept. of ICE organised a seminar on “**Nuances on Industry 4.0**” facilitated by Mr Karthik Ravichandran, Alumni (Batch 2015-2019) and Masters in Supply Chain and Lean Management, Toulouse Business School, France on 19 February 2021.

# ICE | SEMINAR ON TRIBOELECTRIC NANOGENERATOR FOR POWERING PORTABLE DEVICES AND IT'S SMART SELF-POWERED APPLICATIONS

**SRI KRISHNA COLLEGE OF TECHNOLOGY-COIMBATORE**

**SEMINAR ON TRIBOELECTRIC NANOGENERATOR FOR POWERING PORTABLE DEVICES AND IT'S SMART SELF-POWERED APPLICATIONS**


*Get ready to learn, be amazed, and explore!*

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**20-02-2021 @ 12 PM TO 1 PM**  
**DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING**

Check out awesome experiments and listen to cool lectures!

Resource person  
**Dr.Arunkumar .C**  
**SENSE**  
**VIT University-Vellore**




**VIT**  
Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)



The Dept. of ICE organised a seminar on “**Triboelectric Nanogenerator for Powering Portable Devices and it’s Smart Self-powered Applications**” facilitated by Dr Arunkumar C, Assoc. Professor, School of Electronics Engineering (SENSE), Vellore Institute of Technology (VIT), Vellore on 20 February 2021.

# SoM | WEBINAR ON INDIAN ECONOMY A WAY AHEAD



## SRI KRISHNA COLLEGE OF TECHNOLOGY



(An Autonomous Institution)  
Approved by AICTE, New Delhi & Affiliated to Anna University  
(Accredited by NAAC with "A" Grade)

**SCHOOL OF MANAGEMENT  
& INSTITUTION'S INNOVATION COUNCIL**

*Invites you to join a webinar on  
Indian economy a way ahead.*



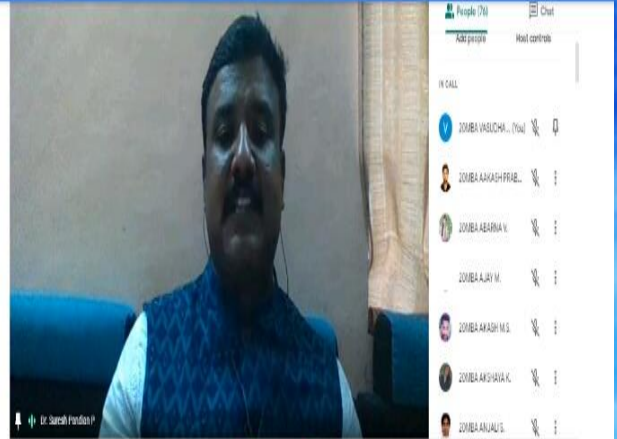
**Dr.Suresh Pandian.P**  
Chief Manager,  
HDFC Asset Management Company Ltd - Trichy



Join us on Zoom



11.00 am



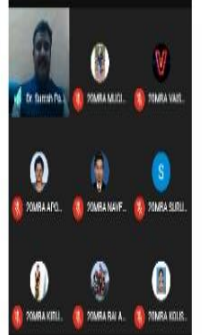
### Advantages of Lower Interest Rate

Lower interest rates benefit many number of ways

For Ex Home loan Scenario

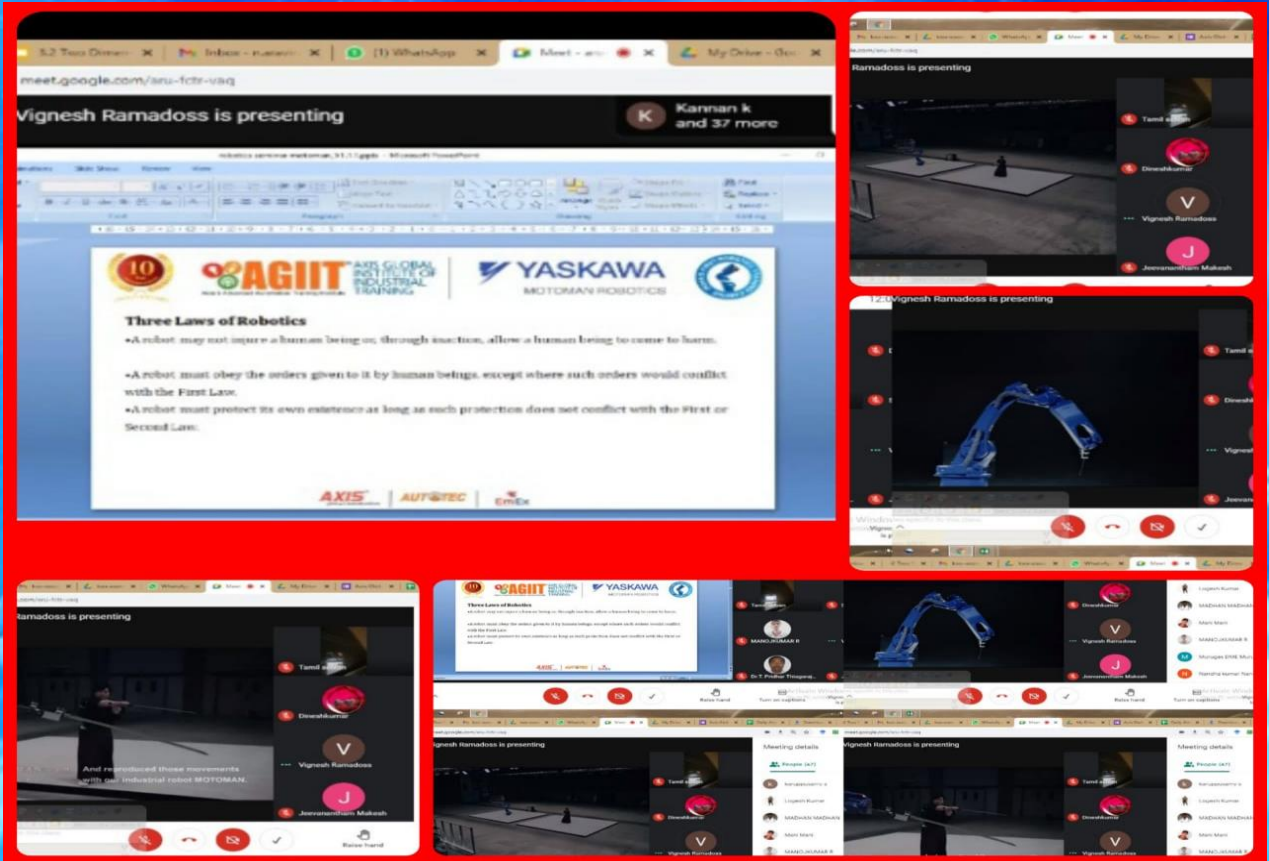
Home Loan	10	11	
Home Depreciation	30	30	
Interest rate	7.25%	7%	
EMI for 1000000	36,216	31,021	4,195

The period of low-interest rates makes investment financed by borrowing more attractive



SoM organised a webinar on "Indian Economy a Way Ahead" facilitated by Dr Suresh Pandian P, Chief Manager, HDFC Asset Management Company Ltd., Trichy on 20 February 2021.

# MECH | WEBINAR ORGANISED ON IMPACT OF INDUSTRIAL ROBOTICS IN MANUFACTURING POST COVID-19



The Dept. of Mechanical Engineering in association with Axis Global Automation organized a webinar on "**Impact of Industrial Robotics in Manufacturing Post Covid-19**" for the Students of Polytechnic on 19 February 2021.

