

# SKCT DIGEST



**E-LEARNING**

LEARNING  
ONLINE



**SPECIAL EDITION - 35**

**18 - 23  
JANUARY 2020**



**EDITOR - IN - CHIEF**  
**Dr Srinivasan Alavandar,**  
**Principal**

**EDITORIAL TEAM**  
**Ms S Soundarya, CSE**  
**Ms S Thenmozhi, ECE**  
**Ms B Pavithra, SSH**

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CLOUD PROGRAM**

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# SKCT | MICROSOFT EDU-CLOUD PROGRAM



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## SKCT | MICROSOFT EDU-CLOUD PROGRAM



Sri Krishna College of Technology, Coimbatore has been qualified for “**Microsoft EDU-CLOUD Program**” during 18 December 2020-17 December 2021.

# SKCT | JJRS JSRO | ONLINE TRAINING PROGRAMME



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## SKCT | ISRO IIRS | ONLINE TRAINING PROGRAMME | SPACE TECHNOLOGY AND ITS APPLICATIONS



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



वहि: परिसर संपर्क/ विस्तार कार्यक्रम प्रमाण पत्र

COR10117872021

OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

संस्थान की सहभागिता का प्रमाण पत्र

CERTIFICATE OF PARTICIPATION OF INSTITUTE

यह प्रमाणित किया जाता है कि श्री कृष्णा कॉलेज ऑफ टेक्नोलॉजी ने भारतीय सुदूर संवेदन संस्थान, इसरो देहरादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम "अंतरिक्ष प्रौद्योगिकी और इसके अनुप्रयोग" में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 11 जनवरी, 2021 से 11 जनवरी, 2021 तक किया गया।

This is to certify that **SRI KRISHNA COLLEGE OF TECHNOLOGY**, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on "**Space Technology and its Applications**". This online programme was conducted during January 11, 2021 to January 11, 2021.

दिनांक/ Date: 22-01-2021  
देहरादून/ Dehradun

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

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

Sri Krishna College of Technology, Coimbatore has been certified for conducting an online programme on "**Space Technology and its Applications**" through SKCT IIRS Nodal Centre in association with IIRS, ISRO, Dehradun on 11 January 2021.

## SKCT | ISRO IIRS | ONLINE TRAINING PROGRAMME | SPACE TECHNOLOGY AND ITS APPLICATIONS



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



ऑनलाइन दूरस्थ अधिगम कार्यक्रम  
ONLINE DISTANCE LEARNING PROGRAMME

COR10117872021

समन्वय का प्रमाणपत्र  
CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि श्री कृष्णा कॉलेज ऑफ टेक्नोलॉजी कार्यरत श्री एस गणेश प्रभु, ने “अंतरिक्ष प्रौद्योगिकी और इसके अनुप्रयोग” विषय पर इस संस्थान द्वारा दिनांक 11 जनवरी, 2021 को आयोजित एक दिवसीय ऑनलाइन कार्यशाला को समन्वित किया।

This is to certify that **MR. S GANESH PRABHU**, working with **SRI KRISHNA COLLEGE OF TECHNOLOGY**, has coordinated one day online workshop on “**Space Technology and its Applications**” conducted by this institute on January 11, 2021

दिनांक/ Date: 22-01-2021  
देहरादून/ Dehradun

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

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

Mr S Ganesh Prabhu, Asst. Professor, Dept. of ECE, has been certified for coordinating an online training programme on “**Space Technology and its Applications**” through SKCT IIRS Nodal Centre in association with IIRS, ISRO, Dehradun on 11 January 2021.

# STUDENTS' PARTICIPATION



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## IT | STUDENT CERTIFICATION | JOY OF COMPUTING USING PYTHON

**Elite NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **SUJAN KARTHI N** for successfully completing the course

**The Joy of Computing using Python**  
with a consolidated score of **72** %

Online Assignments	24.75/25	Programming Exam	25/25	Proctored Exam	21.50/50
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Total number of candidates certified in this course: 5563

Sep-Dec 2020 (12 week course)

Indian Institute of Technology Madras

**Elite NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **YOGHESH** for successfully completing the course

**The Joy of Computing using Python**  
with a consolidated score of **76** %

Online Assignments	24.69/25	Programming Exam	25/25	Proctored Exam	26.04/50
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number of candidates certified in this course: 5563

Sep-Dec 2020 (12 week course)

Indian Institute of Technology Madras

**Elite NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **SUDHAGAR M** for successfully completing the course

**The Joy of Computing using Python**  
with a consolidated score of **79** %

Online Assignments	21.78/25	Programming Exam	25/25	Proctored Exam	21.50/50
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Total number of candidates certified in this course: 5563

Sep-Dec 2020 (12 week course)

Indian Institute of Technology Madras

**Elite NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **VAISHNAVI** for successfully completing the course

**The Joy of Computing using Python**  
with a consolidated score of **71** %

Online Assignments	24.69/25	Programming Exam	25/25	Proctored Exam	21/50
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Total number of candidates certified in this course: 5563

Sep-Dec 2020 (12 week course)

Indian Institute of Technology Madras

**Elite NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **SANJIV** for successfully completing the course

**The Joy of Computing using Python**  
with a consolidated score of **73** %

Online Assignments	24.84/25	Programming Exam	25/25	Proctored Exam	23.59/50
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number of candidates certified in this course: 5563

Sep-Dec 2020 (12 week course)

Indian Institute of Technology Madras

**Elite NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **RAAJESWARI** for successfully completing the course

**The Joy of Computing using Python**  
with a consolidated score of **70** %

Online Assignments	24.47/25	Programming Exam	25/25	Proctored Exam	20.84/50
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Total number of candidates certified in this course: 5563

Sep-Dec 2020 (12 week course)

Indian Institute of Technology Madras

**Elite NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **SHAMYUKTHA K** for successfully completing the course

**The Joy of Computing using Python**  
with a consolidated score of **68** %

Online Assignments	23.06/25	Programming Exam	25/25	Proctored Exam	20/50
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Total number of candidates certified in this course: 5563

Sep-Dec 2020 (12 week course)

Indian Institute of Technology Madras

Mr Sujan Karthi N, Mr Yogesh, Mr Sudhagar M, Ms Shobha N, Mr Sanjiv, Ms Vaishnavi, Ms Raajeswari and Ms Shamyuktha K, Students of Second B.Tech. IT B Section, completed a Four-week course on “The Joy of Computing using Python” offered through NPTEL with ELITE during September–October 2020.

## CIVIL | STUDENT'S ACHIEVEMENT | NPTEL TOPPER



**Elite**

## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)





This certificate is awarded to  
**MARUTHAMUTHU P**  
for successfully completing the course

### Glass in Buildings : Design and Applications

with a consolidated score of **90** %

Online Assignments	22.59/25	Proctored Exam	67.5/75
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Total number of candidates certified in this course: **579**

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

Sep-Dec 2020  
(12 week course)

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



Indian Institute of Technology Madras



GLASS ACADEMY



FREE ONLINE EDUCATION  
**swayam**  
विद्यया ऽमृतं, ज्ञानेन क्विणः


Roll No: NPTEL20CE47S61910133

To validate and check scores: <https://nptel.ac.in/noc>



Mr P Maruthamuthu, Student of Second M.E., completed and secured the Topper position in the NPTEL course on “Glass in Building : Design Applications”.



## CIVIL | STUDENTS' ACHIEVEMENT | NPTEL TOPPERS



**Elite**

### NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

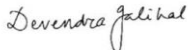
This certificate is awarded to  
**MITHRA M**  
for successfully completing the course

#### Glass Processing Technology


with a consolidated score of **97** %

Online Assignments	23.25/25	Proctored Exam	73.5/75
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Total number of candidates certified in this course: 295




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




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


Sep-Dec 2020  
(12 week course)



Indian Institute of Technology Madras




GLASS ACADEMY



FREE ONLINE EDUCATION  
**swayam**  
विद्यया मरणं, ज्ञाने मर्त्यं



Roll No: NPTEL20CE46S71910030 To validate and check scores: <https://nptel.ac.in/noc>



**Elite**

### NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)


This certificate is awarded to  
**KAMALINI M**  
for successfully completing the course

#### Glass Processing Technology


with a consolidated score of **98** %

Online Assignments	24.00/25	Proctored Exam	73.5/75
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Total number of candidates certified in this course: 295




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




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


Sep-Dec 2020  
(12 week course)



Indian Institute of Technology Madras



GLASS ACADEMY



FREE ONLINE EDUCATION  
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विद्यया मरणं, ज्ञाने मर्त्यं

Roll No: NPTEL20CE46S71340097 To validate and check scores: <https://nptel.ac.in/noc>

Ms M Kamalini and Ms M Mithra, Students of Second M.E., completed and secured the Topper position in the NPTEL course on “Glass Processing Technology”.

## CIVIL | STUDENTS' NPTEL CERTIFICATION

**Elite**

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**S LOGESH**  
for successfully completing the course

**Glass Processing Technology**

with a consolidated score of **87** %

Online Assignments	23.63/25	Proctored Exam	63/75
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Total number of candidates certified in this course: 295

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Sep-Dec 2020  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Indian Institute of Technology Madras  
GLASS ACADEMY  
swayam

Roll No: NPTEL20CE46572140250

To validate and check scores: <https://nptel.ac.in/noc>

**Elite**

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**POOJA S**  
for successfully completing the course

**Glass Processing Technology**

with a consolidated score of **90** %

Online Assignments	24.00/25	Proctored Exam	66/75
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Total number of candidates certified in this course: 295

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Sep-Dec 2020  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Indian Institute of Technology Madras  
GLASS ACADEMY  
swayam

Roll No: NPTEL20CE46571341079

To validate and check scores: <https://nptel.ac.in/noc>



**Elite**

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**ARUNKUMAR R**  
for successfully completing the course

**Glass Processing Technology**

with a consolidated score of **88** %

Online Assignments	23.50/25	Proctored Exam	64.5/75
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Total number of candidates certified in this course: 295

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Sep-Dec 2020  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Indian Institute of Technology Madras  
GLASS ACADEMY  
swayam

Roll No: NPTEL20CE46571340653

To validate and check scores: <https://nptel.ac.in/noc>

**Elite**

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**SURBHI SINGH V**  
for successfully completing the course

**Glass Processing Technology**

with a consolidated score of **87** %

Online Assignments	24.00/25	Proctored Exam	63/75
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Total number of candidates certified in this course: 295

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Sep-Dec 2020  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras


Indian Institute of Technology Madras  
GLASS ACADEMY  
swayam

Roll No: NPTEL20CE46571430142

To validate and check scores: <https://nptel.ac.in/noc>


Mr S Logesh, Mr R ArunKumar, Ms S Pooja and Ms V Surbhi Singh, Students of Second M.E., completed the NPTEL course on “Glass Processing Technology”.

## SoM | STUDENTS' PARTICIPATION IN WEBINAR



**COIMBATORE MANAGEMENT ASSOCIATION**

**"Super Special Session"**



**MONDAY MUSINGS**  
A weekly thought leadership talk on current topics

Monday Musings No. 351  
3<sup>rd</sup> Week - January 2021  
Monday - 18/01/2021  
Time: 6.30 PM IST

**Topic: Identifying Export Opportunities and Incentives - On-line Portals and Other Options**


**Speaker: Ms. Prabha Jayachandran,**  
Head - Coimbatore Region, Federation of Indian Export Organisation

Ms. Prabha is a BCS, MBA by qualification with about 15 years of professional experience.

Placed at ABN Amro Bank through campus recruitment, worked there for three years, after which she joined National Stock Exchange as Assistant Manager at Chennai.

Since 2013 she is with FIEO Export Promotion Council, Coimbatore. As Chapter Head, she takes care of FIEO members from 7 Districts in and around Coimbatore.

She is a Proud Coimbatorean.

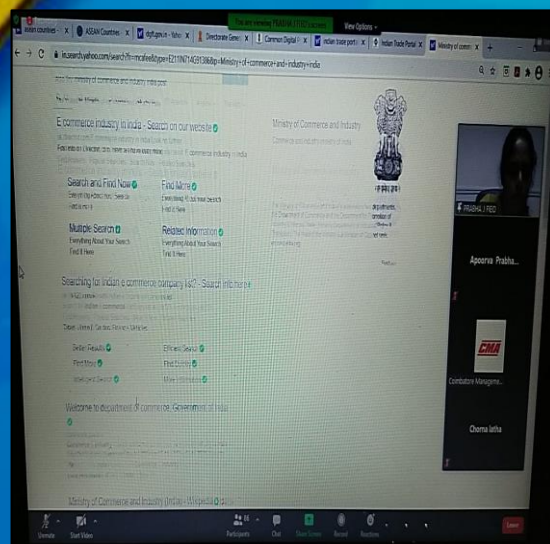
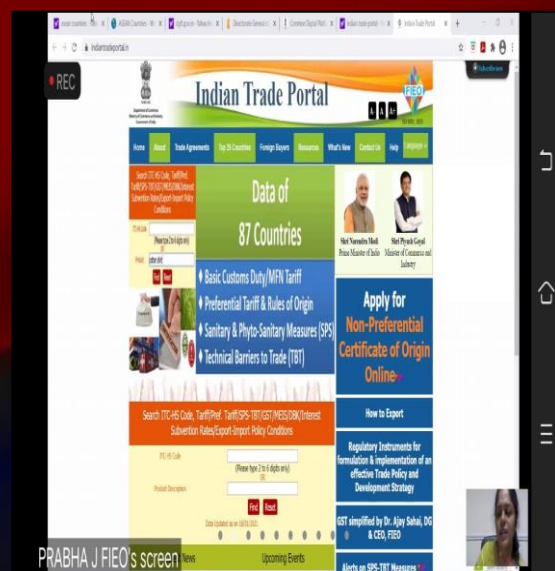


**ALL ARE WELCOME**

Venue : Virtual Meeting  
Contact: Mr. R.Sundaranarasimman +91 63747 12571  
Email : info@coimbatoremgt.in

**Mr. Jayakumar Ramdass**  
President

**Dr.Nithyanandan Devaraj**  
Secretary



Students of First MBA attended the CMA – Monday Musings Meeting on **“Identifying Export Opportunities and Incentives – On-Line Portals and other Options”** on 18 January 2021.

## CSE | STUDENT'S ACHIEVEMENT | NPTEL TOPPER



**Elite**

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**PRIYA MAHALAKSHMI.A**  
for successfully completing the course

**Introduction to Programming in C**  
with a consolidated score of **89** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	39/50
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Total number of candidates certified in this course: **316**

*Rajesh M. Hegde*  
Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Sep-Nov 2020  
(8 week course)

*Satyaki Roy*  
Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL20CS91S41341557

To validate and check scores: <https://nptel.ac.in/noc>

Ms Priya Mahalakshmi, Student of Third B.E. CSE B Section, secured the Topper Position in the NPTEL exam on "Introduction to Programming in C" on 19 January 2021.

## CSE | STUDENT'S ACHIEVEMENT | INTERNSHIP COMPLETION



**THE SPARKS FOUNDATION**  
INSPIRE. INNOVATE. INTEGRATE

**CERTIFICATE OF COMPLETION**

This Certificate is presented to

*Swetha Kumaravel*

for an outstanding contribution during the session (Dec 2020 - Jan 2021) of  
Graduate Rotational Internship Program at The Sparks Foundation on 12-Jan-2021.

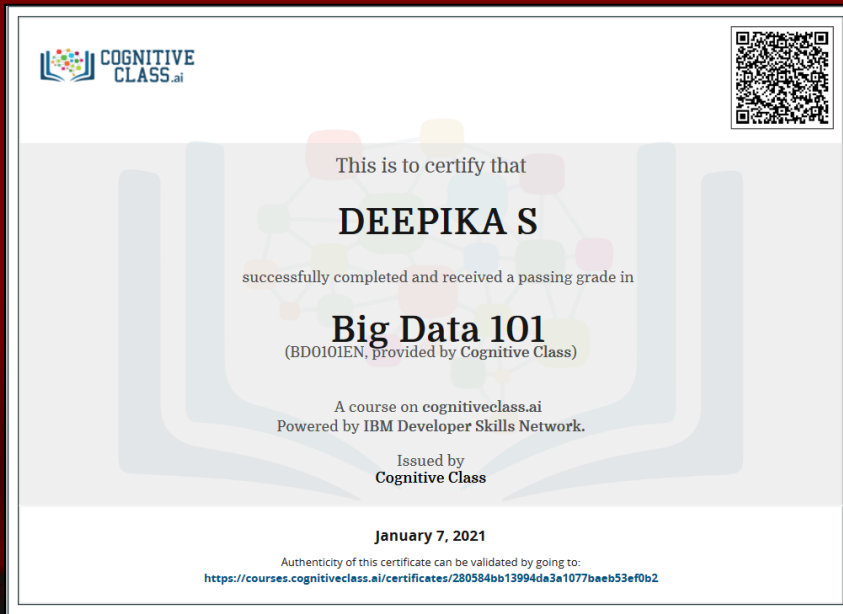
Certificate Number: ECGWGM3EQH

Verification at:  
<https://truecertificates.com/verification/>

*Pranav Dubey*  
PRANAV DUBEY  
MANAGING DIRECTOR

Ms K Swetha, Student of Third B.E. CSE C Section, completed an internship programme at the Sparks Foundations during December 2020-January 2021.

## IT | STUDENT CERTIFICATION | BIG DATA 101



Fifty Eight Students from Third B.Tech. IT A Section completed a certification course on “**Big Data 101**” offered through Cognitive Class on 07 January 2021.

## S & H | PARTICIPATION IN ESSAY & POEM WRITING COMPETITION



Ms S Rabiya Reshma, Student of First B.E. CSE B Section, participated in a “Poem Writing” and “Essay Writing” competitions organised by Rotary Club of SKCT on 14 January 2021.



# FACULTY PARTICIPATIONS



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## IT | FACULTY CERTIFICATION | NPTEL | STRESS MANAGEMENT



**Elite**  
**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**KANMANI R**  
for successfully completing the course

**Stress Management**  
with a consolidated score of **70** %

Online Assignments	24.25/25	Proctored Exam	45.94/75
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Total number of candidates certified in this course: 877

Prof. G P Raja Sekhar  
Dean, Continuing Education  
IT Kharagpur

Sep-Oct 2020  
(4 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL20GE18531341147

To validate and check scores: <https://nptel.ac.in/noc>



**Elite**  
**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**R SUGANYA**  
for successfully completing the course

**Stress Management**  
with a consolidated score of **75** %

Online Assignments	24.25/25	Proctored Exam	50.63/75
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Total number of candidates certified in this course: 877

Prof. G P Raja Sekhar  
Dean, Continuing Education  
IT Kharagpur

Sep-Oct 2020  
(4 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL20GE18531340683

To validate and check scores: <https://nptel.ac.in/noc>

Dr R Kanmani, Assoc. Professor and Dr R Suganya, Asst. Professor, Dept. of IT, completed a Four-week course on “**Stress Management**” offered through NPTEL with ELITE during September–October 2020.

## ECE | ONLINE CERTIFICATION | PYTHON FOR DATA SCIENCE



**Elite**  
**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**VENKATESHKUMAR U**  
for successfully completing the course

**Python for Data Science**  
with a consolidated score of **68** %

Online Assignments	20.83/25	Programming Exam	23.25/25	Proctored Exam	23.94/50
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Total number of candidates certified in this course: 2008

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Sep-Oct 2020  
(4 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IT Madras

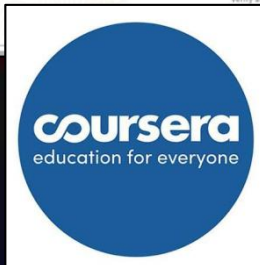
Indian Institute of Technology Madras

Roll No: NPTEL20CS80531340792

To validate and check scores: <https://nptel.ac.in/noc>

Mr U Venkatesh Kumar, Asst. Professor, Dept. of ECE, completed an online course on “**Python for Data Science**” offered through NPTEL during September-October 2020.

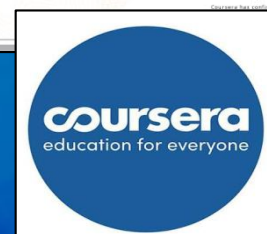
## IT | FACULTY CERTIFICATION | CLOUD COMPUTING BASICS



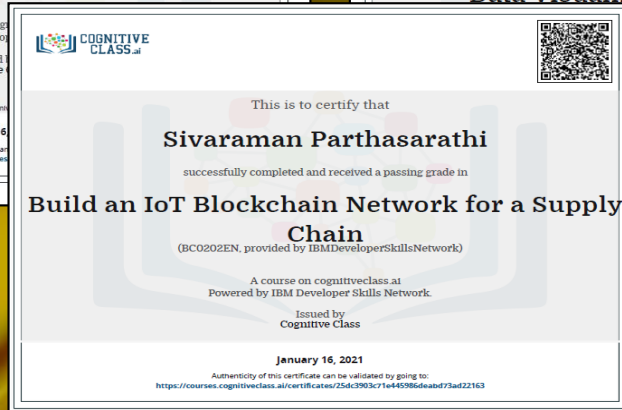
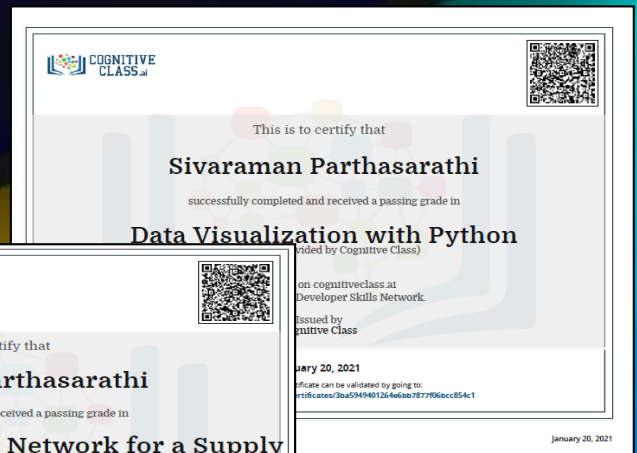
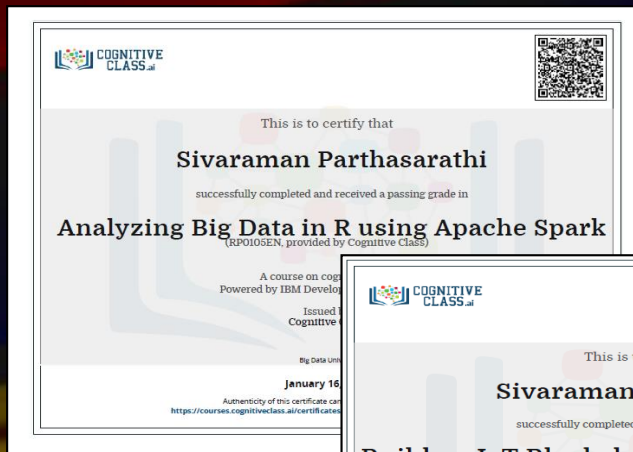
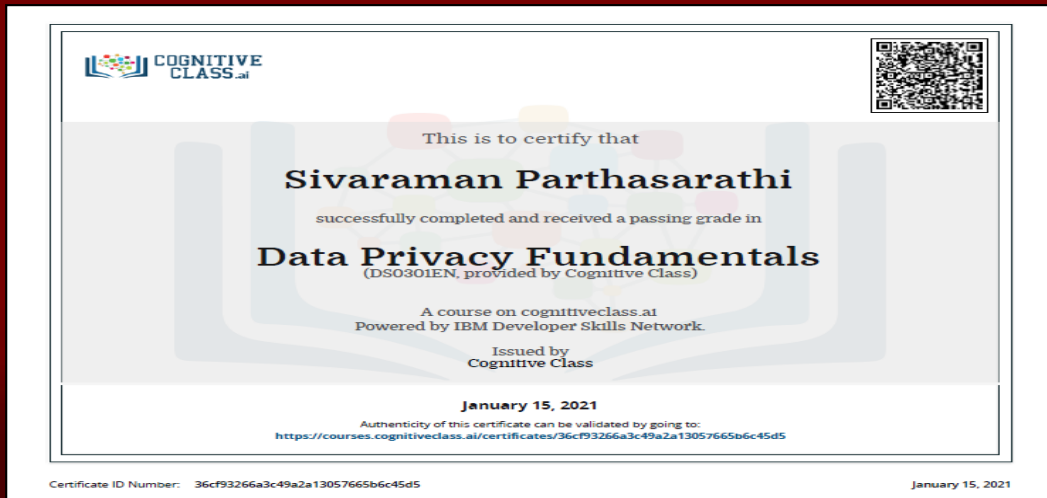
Ms Alaguvathana P, Asst. Professor, Dept. of IT, completed an online course on **“Cloud Computing Basics (Cloud 101)”** authorised by LearnQuest and offered through Coursera on 15 January 2021.

## IT | FACULTY CERTIFICATION | SECURITY AND PRIVACY FOR BIG DATA – PART 1

Dr D Jeyabharathi, Asst. Professor, Dept. of IT, completed an online course on **“Security and Privacy for Big Data - Part 1”** authorised by EIT Digital and offered through Coursera on 15 January 2021.



## MECH | ONLINE CERTIFICATION



Mr P Sivaraman, Asst. Professor, Dept. of Mechanical Engineering, completed and received a passing grade on “Data Privacy Fundamentals”, “Analyzing Big Data in R using Apache Spark”, “Build an IoT Blockchain Network for a Supply Chain” and “Data Visualization with Python” organised by Cognitive Class, IBM Developer Skills Network.

## MECH | ONLINE CERTIFICATION ON GREEN INVESTMENTS: RENEWABLE ENERGY

Mr P Sivaraman, Asst. Professor, Dept. of Mechanical Engineering, completed a course on “Green Investments: Renewable Energy” organised by ADBI Institute on 17 January 2021.



## MECH | ONLINE CERTIFICATION

Mr P Sivaraman, Asst. Professor, Dept. of Mechanical Engineering, completed an internationally recognized course on “Lean Six Sigma White Belt Certified” and “Project Management Essentials Certified” organised by Management and Strategy Institute.



**S&H | FACULTY ACHIEVEMENT | GUEST LECTURE ON  
CONTENT WRITING AT BHARATHIAR UNIVERSITY**

Ms B Pavithra, Asst. Professor of English, Dept. of Science and Humanities, served as a Resource Person in a Twelve-day Training Programme on Content Writing, under RUSA 2.0-BEICH Project, through Bharathiar University, Govt. of Tamil Nadu, and MHRD, Govt. of India for the Students of Bharathiar University Arts and Science College, Thondamuthur, on the topic "**SEO Writing**" on 20 January 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 - II on  
“SOLAR ENERGY CONVERSION SYSTEMS: TECHNOLOGIES, DESIGN AND APPLICATIONS”

**Programme Schedule**

Day & Date	Session 1 10.00 a.m. to 12.30 p.m. Introduction to Solar Energy Conversion Systems		Session 2 1.30 p.m. to 4.00 p.m. Solar PV Power Generation and Control
Day – 1 18.01.2021	<b>Dr. M. Shyamala Govil</b> , Associate Professor, Department of EEE, Erode Sengunthar Engineering College, Perundurai.	Book	<b>Dr. B. Venkatesa Perumal</b> Professor, Department of EEE, National Institute of Technology Karnataka, Surathkal.
Day – 2 19.01.2021	<b>Dr. I. Thangaraju</b> , Assistant Professor, Department of EEE, Government College of Engineering, Bargarh, Krishnagiri.		<b>Condition monitoring, identification and prediction of future fault occurrences in solar PV panels using IoT &amp; Machine Learning Algorithms</b> <b>Dr. C. Maheswari</b> , Associate Professor, Department of Mechatronics, Kongu Engineering College, Perundurai.
Day – 3 20.01.2021	<b>Photovoltaic Array Reconfiguration Under Partially Shaded Conditions</b> <b>Prof. R. Senthil Kumar</b> , Assistant Professor, Department of EEE, Sri Krishna College of Technology, Coimbatore.		<b>Integrating Renewable Energy in Smart Grid System</b> <b>Dr. S. Sofana Reka</b> , Assistant Professor (Sr.), School of Electronics Engineering, VIT-Chennai Campus.
Day – 4 21.01.2021	<b>Hybrid Wind PV Distributed Generator for EV Charging: A Techno-Economic Analysis</b> <b>Dr. M. M. Rajan Singaravel</b> , Assistant Professor, Department of EEE, National Institute of Technology Puduchery Thiruvattakudi, Karaikal.		<b>Solar Battery Vehicles</b> <b>Dr. C. Nagarajan</b> Professor and Head, Department of EEE, Muthayammal College of Engineering, Rasipuram.
Day – 5 22.01.2021	<b>Dodging techniques for the partial shading condition in solar energy conversion systems</b> <b>Dr. S. Jeevananthan</b> , Professor, Department of EEE, Pondichery Engineering College, Puducherry.		<b>Electric Vehicle Battery Optimization</b> <b>Prof. S. Dinesh Kumar</b> , Assistant Professor, Department of EEE, M. Kumarasamy College of Engineering, Karur.
Day – 6 23.01.2021	<b>Role of Power Electronics in Solar Power Harvesting</b> <b>Dr. S. Mahendran</b> , Associate Professor, Department of EEE, K S Rangasamy College of Technology, Thiruchengode.		<b>IoT based Health Monitoring System of Solar Photovoltaic Panel</b> <b>Dr. B. Karthikeyan</b> Associate Professor, Department of Embedded Technology, School of Electronics Engineering VIT-vellore Campus.

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

**AICTE Sponsored Online Short-Term Training Programme (STTP) - Series II: 18.01.2021 to 23.01.2021**  
“SOLAR ENERGY CONVERSION SYSTEMS: TECHNOLOGIES, DESIGN AND APPLICATIONS”

 <b>Dr. S. Jeevananthan</b> , Professor, Department of EEE, Pondichery Engineering College, Puducherry.	 <b>Dr. B. Venkatesa Perumal</b> Professor, Department of EEE, National Institute of Technology Karnataka, Surathkal.	 <b>Dr. I. Thangaraju</b> , Assistant Professor / EEE, Government College of Engineering, Bargarh, Krishnagiri.
 <b>Dr. C. Maheswari</b> , Associate Professor, Department of Mechatronics, Kongu Engineering College, Perundurai.	 <b>Prof. S. Dinesh Kumar</b> , Assistant Professor, Department of EEE, M. Kumarasamy College of Engineering, Karur.	 <b>Dr. S. Sofana Reka</b> , Assistant Professor (Sr.), School of Electronics Engineering, VIT-Chennai Campus.
 <b>Dr. M. M. Rajan Singaravel</b> , Assistant Professor, Department of EEE, National Institute of Technology Puduchery Thiruvattakudi, Karaikal.	 <b>Dr. C. Nagarajan</b> Professor and Head, Department of EEE, Muthayammal College of Engineering, Rasipuram.	 <b>Dr. M. Shyamala Govil</b> , Associate Professor / EEE, Erode Sengunthar Engineering College, Perundurai.
 <b>Prof. R. Senthil Kumar</b> , Assistant Professor / EEE, Sri Krishna College of Technology, Coimbatore.	 <b>Dr. S. Mahendran</b> , Associate Professor / EEE, K S Rangasamy College of Technology, Thiruchengode.	 <b>Dr. B. Karthikeyan</b> Associate Professor, Department of Embedded Technology, School of Electronics Engineering VIT-vellore Campus.

**Contact:**  
**Mr. S. Ashwanth**, Assistant Professor (Sr.Gr.)  
+91-9942673319  
vcetemerflux@gmail.com

**Registration Link:**  
<https://forms.gle/NvVGLG9FNFaUpYia7>

**Scan Me**



**Dr. S. K. Manikandan**, Professor  
**Mr. S. Saravanan**, Assistant Professor (SI.Gr.)  
**Mr. S. Ashwanth**, Assistant Professor (Sr.Gr.)  
Co-Ordinators

**Dr. P. Sakthivel**, Professor & Head  
Convener

**Prof. P. Jayachandrar**  
Dean

**Dr. M. Jayaraman**  
Principal

Mr R Senthilkumar, Asst. Professor, Dept. of EEE, delivered the 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 20 January 2021.

**MECH | ONLINE CERTIFICATION ON LEAN SIX SIGMA  
YELLOW BELT**

13242-44114-00204-33862

*Amile Institute**Six Sigma Yellow Belt*

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Sivaraman P**Awarded in Testament to Completion of Certification Requirements*

17 Jan 2021

DATE

  
SIGNATURE

Mr P Sivaraman, Asst. Professor, Dept. of Mechanical Engineering, completed a course on “**Lean Six Sigma Yellow Belt Certified**” organised by Amile Institute on 17 January 2021.



**MECH | ONLINE CERTIFICATION ON DIGITAL  
ANALYTICS AND REGRESSION**

This is to certify that

**Sivaraman Parthasarathi**

successfully completed and received a passing grade in

**Digital Analytics & Regression**

(ML0103EN, provided by IBM Skills Network)

A course on [cognitiveclass.ai](https://cognitiveclass.ai)  
Powered by IBM Developer Skills Network.

Issued by  
Cognitive Class

**January 22, 2021**

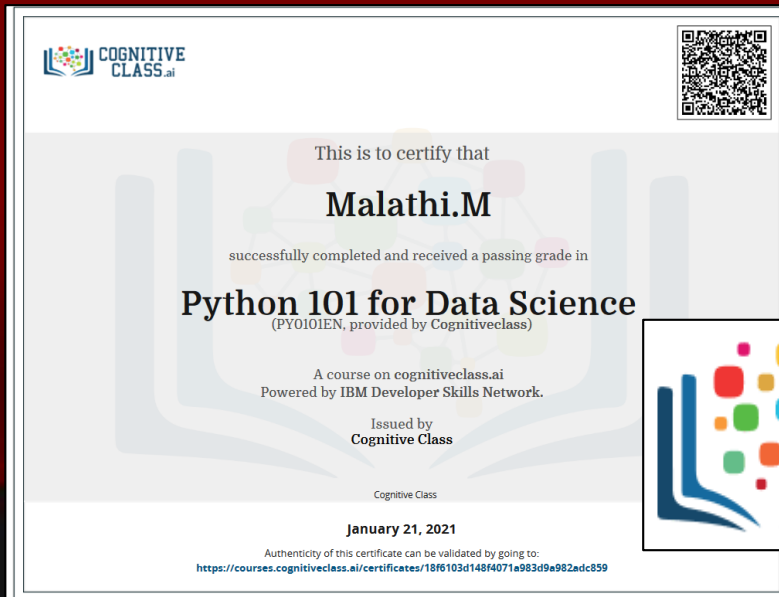
Authenticity of this certificate can be validated by going to:  
<https://courses.cognitiveclass.ai/certificates/b44f640af6e6411d88ddb97be2725db6>

Certificate ID Number: b44f640af6e6411d88ddb97be2725db6

January 22, 2021

Mr P Sivaraman, Asst. Professor, Dept. of Mechanical Engineering, completed and received a passing grade in a course on “**Digital Analytics & Regression**” offered through Cognitive Class, IBM Developer Skills Network on 22 January 2021.

## IT | FACULTY CERTIFICATION | PYTHON 101 FOR DATA SCIENCE & INTRODUCTION TO CLOUD



Ms M Malathi, Asst. Professor, Dept. of IT, completed certification courses on “**Python 101 for Data Science**” and “**Introduction to Cloud**” offered through Cognitive Class on 21 January 2021.

# RESEARCH



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## MECH | AICTE PROJECT GRANT



Progress  
With  
Prof. mahamani

## New AICTE Grant

### Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES)

For students club  
Funding limit : Rs 1 Lakh



Dr M Prince, Professor and Mr K Kaviyarasan, Asst. Professor, Dept. of Mechanical Engineering, received the AICTE Grant for a Project Proposal on **"Developing Design and Fabrication Skills of Students under AQIS, Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES)"** through SKCT SAE Collegiate Club.

**ECE | WILEY | CHAPTER PUBLISHED | AN INNOVATIVE  
EXTENDED METHOD OF OPTICAL PATTERN RECOGNITION  
FOR MEDICAL IMAGES WITH FIRM ACCURACY—4F  
SYSTEM-BASED MEDICAL OPTICAL PATTERN RECOGNITION**

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**Machine Vision Inspection Systems, Volume 2:  
Machine Learning-Based Approaches**

Editor(s): Muthukumaran Malarvel, Soumya Ranjan Nayak, Prasant Kumar Pattnaik,  
Surya Narayan Panda

First published: 15 January 2021

Print ISBN: 9781119786092 | Online ISBN: 9781119786122 | DOI: 10.1002/9781119786122

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## CHAPTER 3

**An Innovative Extended Method of Optical Pattern Recognition for Medical Images  
With Firm Accuracy—4f System-Based Medical Optical Pattern Recognition (Pages:  
47-67)**

Priya E.L. Dhivya, D. Jeyabharathi, K.S. Lavanya, S. Thenmozhi, R. Udaiyakumar, A. Sharmila

[Summary](#) | [PDF](#) | [References](#) | [Request permissions](#)

Ms Dhivya Priya E L, Asst. Professor, Dept. of ECE, Dr D Jeyabharathi, Asst. Professor, Dept. of IT and Ms S Thenmozhi, Asst. Professor, Dept. of ECE, published a Book Chapter on **“An Innovative Extended Method of Optical Pattern Recognition for Medical Images With Firm Accuracy—4f System-Based Medical Optical Pattern Recognition”** in the Machine Vision Inspection Systems, Volume 2: Machine Learning-Based Approaches Published by Wiley on 20 January 2021.

# NEW VJSTAS OF LEARNING



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## MECH | WEBINAR ON R&D AUTOMOTIVE DESIGN

**ONLINE WEBINAR FOR STUDENTS - R&D AUTOMOTIVE  
DESIGN, DEVELOPMENT, LATEST TECHNOLOGIES**

**ELECTRIC VEHICLE**



Presents



Supported by

### **Automotive R&D Design Online Workshop for Students**

5 Saturdays - 5 Speakers



**Date:** Jan 16, 23, 30 and Feb 6 & 13  
**Time:** 10.30 am - 12.30 Noon

e-Certificate will be issued to the participants who attend and fill the google feedback forms for all the five sessions.

Session Starts in a few minutes from now



**NEW SKILL SETS FOR  
STUDENTS**

**KNOW HOW ON GAP  
BETWEEN ACADEMICS  
AND INDUSTRIES**

**AWARENESS ON LATEST  
R&D, DESIGN,  
MANUFACTURING,  
TECHNOLOGIES IN  
AUTOMOTIVE SECTOR**

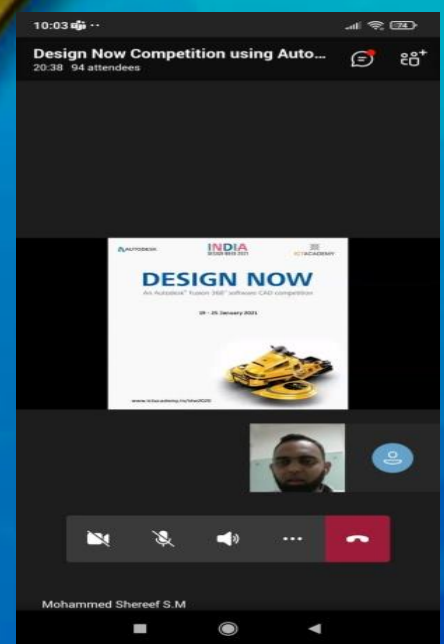
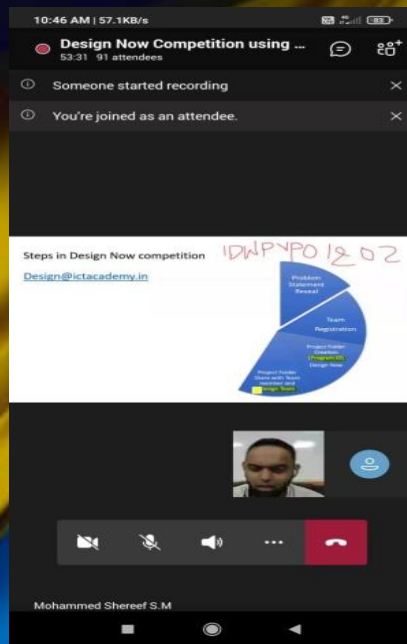
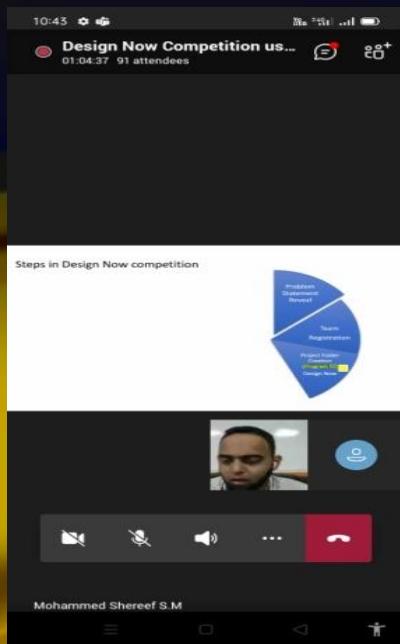
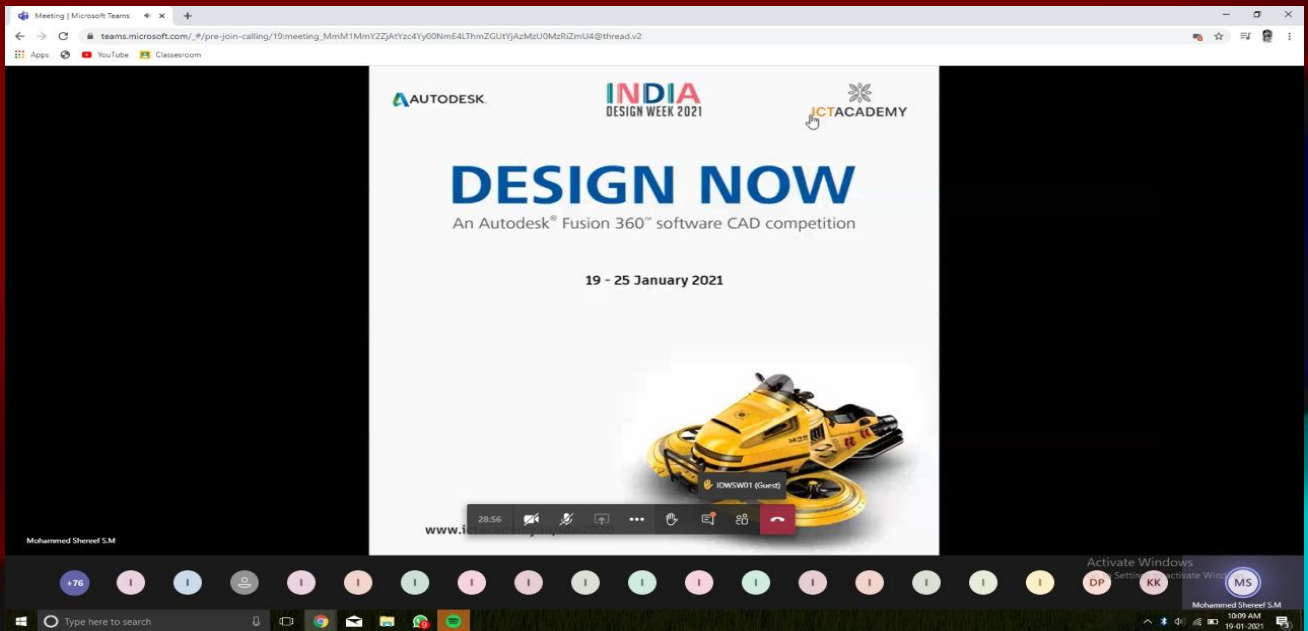
**INTERDISCIPLINARY**

#### ADVANTAGES

1. FUEL EFFICIENT
2. POLLUTION FREE
3. INDIGINEOUS TECHNOLOGY
4. ECOFRIENDLY
5. AVOIDANCE OF RISKS (HANDLING FUELS)
6. EASE OF AVAILABILITY FROM DIFFERENT SOURCES
7. VIABLE, AND ECONOMICAL

The Members of Faculty and Students of Second and Third Year from the Dept. of Mechanical Engineering attended a webinar on “Automotive R & D Design” facilitated by Mr Michael Smith, Chief Platform Head - Platform 7, Mahindra & Mahindra Ltd. on 16 January 2021.

## MECH | WEBINAR ON DESIGN NOW



Students of Third B.E. Mechanical Engineering attended a webinar on “**Design Now**” facilitated by Mr Badari Hiriyur (Education Programs Specialist) organised by AUTODESK on 19 January 2021.



## MECH | WEBINAR ON ELECTRIC TWO WHEELERS 2021-2041

**Massive Opportunities for Electric Two-wheelers**

LUKE GEAR, Senior Technology Analyst

IDTechEx Research

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Slide 1 IDTechEx

### The Importance of Electric Two-wheelers

**Regional market share of motorcycles in 2019 (based on unit sales)**

Region	Share (%)
India	31%
China	29%
Indonesia	11%
Vietnam	6%
Thailand	2%
EU + UK	2%
US	1%
RoW	1%

**Global motorcycle sales (millions)**

Year	RoW	US	EU + UK	Thailand	Vietnam	Indonesia	China	India
2014	68	15	10	5	3	2	1	1
2016	65	15	10	5	3	2	1	1
2018	60	15	10	5	3	2	1	1
2020e	57	15	10	5	3	2	1	1

Data sources: industry associations, Marklines, IDTechEx

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Slide 7 IDTechEx

### Electric Two-wheeler Sales in Europe

Electric two-wheeler sales are thriving in Europe; unlike Asia, Europe has a fast-growing market for both low powered electric scooters (< 4kW) and high-power electric motorcycle sales (> 4kW but typically >10kW). France, Spain and Germany dominate electric motorcycle sales, whereas Belgium, France and the Netherlands are leaders in electric scooter sales. The electric scooter market is more than three times the market for electric motorcycles.

**Electric two-wheeler sales < 4kW in the EU + UK**

Year	18 Others	Sweden	Poland	Belgium	Netherlands	Austria	UK	Italy	Germany	France
2011	10,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
2013	10,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
2015	10,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
2017	10,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
2019	10,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000

**Electric two-wheeler sales > 4kW in the EU + UK**

Year	18 Others	Sweden	Poland	Belgium	Netherlands	Austria	UK	Italy	Germany	France
2011	10,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
2013	10,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
2015	10,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
2017	10,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
2019	10,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000

Source: ACEM

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Slide 15 IDTechEx

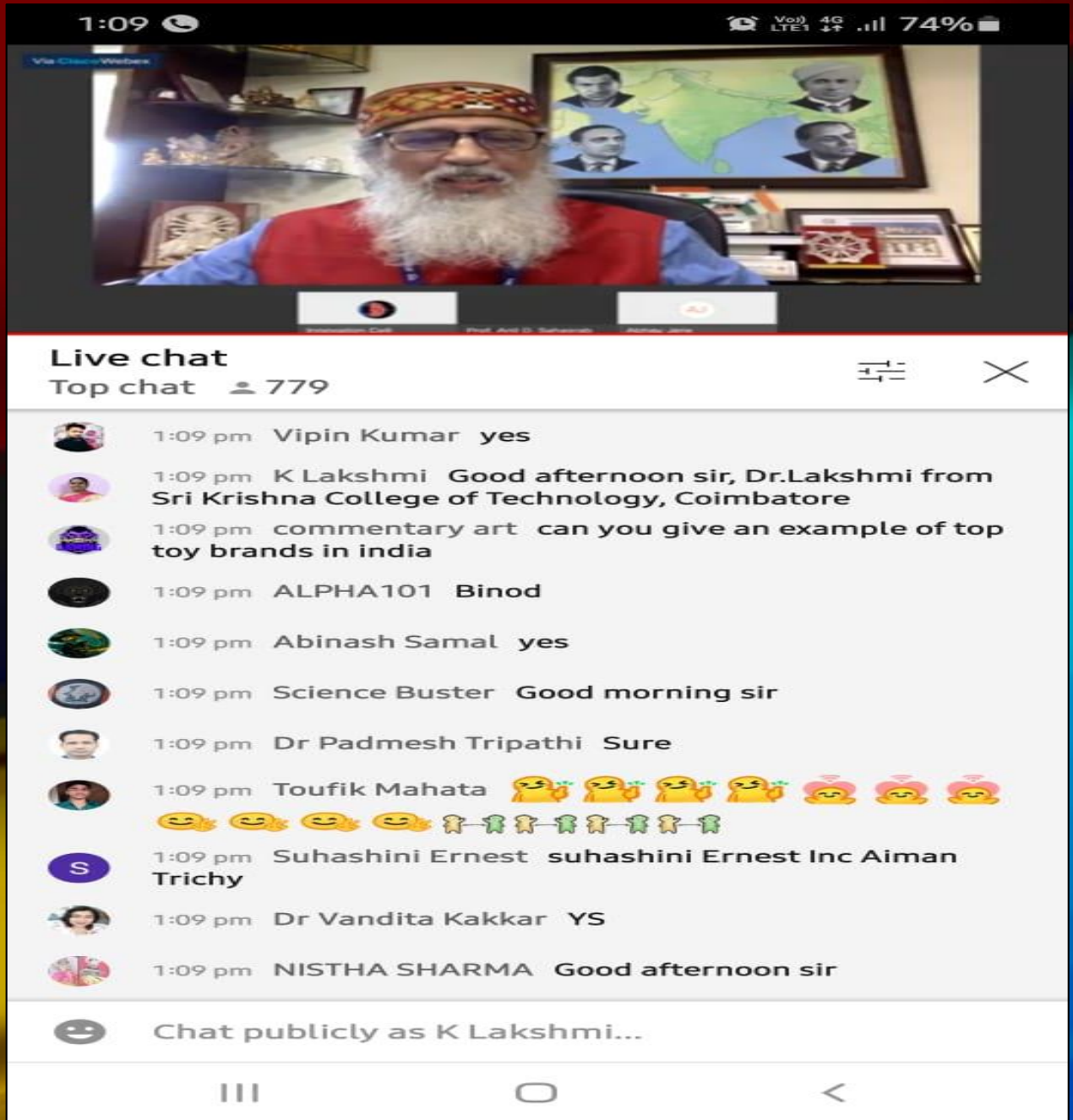
The Members of Faculty and Students of Third Year from the Dept. of Mechanical Engineering attended a webinar on “**Electric Two Wheelers 2021-2041**” facilitated by Mr Luke Gear, Senior Technology Analyst on 14 January 2021.

## MECH | WEBINAR ON ADVANCED MATERIALS AND APPLICATIONS



The Members of Faculty and Students of Second Year from the Dept. of Mechanical Engineering attended a webinar on “**Advanced Materials And Applications**” facilitated by Mr Ruban Whenish Manager, Manna Chemicals & Amp, Drugs Private Limited, Chennai on 20 January 2021.

EEE| FACULTY PARTICIPATION | TOYCATHON  
LIVE TALK SERIES 2021



Dr K Lakshmi, Professor and Head, Dept. of EEE, attended an online live talk series on “Toycathon 2021” facilitated by Prof. Anil Sahasrabudhe, Chairman, AICTE, New Delhi on 14 January 2021.

# *FDPs ATTENDED*



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**CIVIL | ATAL FDP ON EARTHQUAKE ENGINEERING**

Dr V Sreevidya, Professor, Dept. of Civil Engineering, attended the ATAL FDP on "Earthquake Engineering" organised by College of Engineering, Pune during 04-08 January 2021.

**ECE | ATAL FDP | ONLINE TEACHING AND LEARNING TECHNOLOGIES**

Ms Yamini Shanmugam, Asst. Professor, Dept. of ECE, attended an FDP on "Online Teaching and Learning Technologies" organised by Motilal Nehru National Institute of Technology, Allahabad during 04-08 January 2021.

## ECE | ATAL FDP | BLENDED LEARNING AND FLIPPED CLASSROOM



Dr G Anitha, Asst. Professor, Dept. of ECE, attended the Inaugural Ceremony of ATAL FDP on **“Blended Learning and Flipped Classroom”** facilitated by Dr Margie Parikh, Senior Professor, B K School of Business Management, Ahmedabad, Gujarat on 18 January 2021.

## ECE | ATAL FDP | DESIGN THINKING

Ms M Jaishree, Asst. Professor, Dept. of ECE, attended the ATAL FDP on **“Design thinking”** organised by C. V. Raman Global University, Bhubaneswar on 04-09 January 2021.



## MECH | FDP IMPACT OF MACHINE LEARNING DURING CURRENT COVID-20 PERIOD

Krishnamoorthy Raghavan is presenting

### CNN Architecture – Feature Learning Pooling Layer (Mean and Max Pooling)

Mean Pooling

Max Pooling

Meeting details

People 35 Chat

IN CALL

- Mr. K. Senthil Kum... (You)
- 6007hena jerlin
- AnandBabu AnandBabu
- ancy vinel
- Anitha cs
- Arul Rajan B ECE
- bharathi kasi
- Christo Ananth

Krishnamoorthy Raghavan is presenting

ELECTA ALICE JEYARANI A ... and 22 more

10:23 AM

### CNN Architecture – Feature Learning : Convolution

Convolution Filter

$$1 \times 1 + 1 \times 0 + 4 \times 0 + 6 \times 1 = 7$$

- Linear Convolutional sum is performed between of the selected position from the image with the convolutional filter
- First filter will have matrices  $\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$ , second filter  $\begin{bmatrix} 0 & 1 \\ 1 & 0 \end{bmatrix}$  third filter  $\begin{bmatrix} 1 & 1 \\ 0 & 0 \end{bmatrix}$  and finally fourth filter will have  $\begin{bmatrix} 0 & 1 \\ 1 & 1 \end{bmatrix}$

Mr K Senthilkumar, Asst. Professor, Dept. of Mechanical Engineering, attended a One-day Faculty Development Programme on "Impact of Machine Learning during Current Covid-20 Period" organised by St Mother Theresa Engineering College, Thoothukudi on 12 January 2021.

## MECH | FDP ON INTRODUCTION TO SIX SIGMA

**Choosing a right project for Six Sigma**

Following are the criteria considered for choosing a project for Six Sigma implementation:

- Sponsorship: Should be sponsored from high level of hierarchy
- Corporate alignment: Aligned to the goals of the organization
- Data: Availability and correctness of data
- Definition of Defect: There should be well-defined defect/problem
- Stability: Stable process is expected with no process changes to be implemented in between
- Customer: Should increase satisfaction and add value to the customer
- Benefits: Strong Cost- Benefit
- Timeline: Timeline is relatively shorter, around 6 months
- Solution: should be not already known or defined
- Implementation: Certainty of Implementation
- Required Investment: Investment required
- Availability of Six Sigma Resources
- Controllable inputs
- Re-design: Feasibility of redesigning of the process should be there
- Process Quality: to be improved & maintained

**Measures (Datapoints)**

S.No	Area	Causes	Metrics and Method to collect
1	Order Taking	Inability of customers to request in the App	End-user Usability related complaints
2	Application Issues		Bugs reported during system testing and after released
3	Issue in the Report as the restaurants		Bugs reported during system testing and after released
4	Application upgrade issues		Bugs per Release
5	Restaurants	Mixup with various orders	Count of mixups
6		Issues during packaging	Count of incidents
7		Deliberate incorrect delivery	Count of incidents
8	Delivery Bin	Not checking the items to be delivered	Count of incidents
9		Mixup between different orders	Count of incidents
10		Wrong address related issues	Count of incidents

Mr P Sivaraman, Asst. Professor, Dept. of Mechanical Engineering, attended an Faculty Development Programme on “**Introduction to Six Sigma**” organised by EICT Academy-IIT, Kanpur during 19-21 January 2021.



GoToMeeting

Talking: Trainer EICT View Everyone

43

People 43/251

Rohit Kumar

sanjay bhagat

Sanjeev Gupta

Santosh Dubey

Sarbjeet Kour

SHIRSHENDU RAY

Simranjeet kour

Sivaraman P - Me

SUPRIYA KUMARI

Utkarsh Kumar

Vibha Srivastava

Vijay Kumar

Vinoda Reddy

Vivek

Meeting ID: 534-913-869

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Mic Camera Screen Leave

Process Step	Potential Failure	Potential Failure Effect/SEV	Potential Cause of Failure	Probability	Current Monitor/Control	Detection	Risk Priority No.	Recommended Changes/Action/Who
Raw Materials Receipt	Delayed delivery from the Supplier	Leads to Production delay and hence delay in Invoice Collection	Supplier Delay and not in our Control	4	Frequent Followup with the Supplier	6	96	1) Prepare a MSA and get approved by the supplier that the payment terms is based on Goods Receipt date and NOT on Invoice Date 2) Increase the Payment Terms with Supplier

GoToMeeting

Talking: Trainer EICT View Everyone

45/251

People 45/251

Rohit Kumar

sanjay bhagat

Sanjeev Gupta

Santosh Dubey

Sarbjeet Kour

SHIRSHENDU RAY

Simranjeet kour

Sivaraman P - Me

SUPRIYA KUMARI

Utkarsh Kumar

Vibha Srivastava

Vijay Kumar

Vinoda Reddy

Vivek

Meeting ID: 534-913-869

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## Failure Mode & Effect Analysis

Methodology used for Risk Management

- Used to identify Risks and to prioritize them
- Useful for initiating Root Cause Analysis in the subsequent phases

FMEA Tracker has the following parameters to for each risk to be tracked

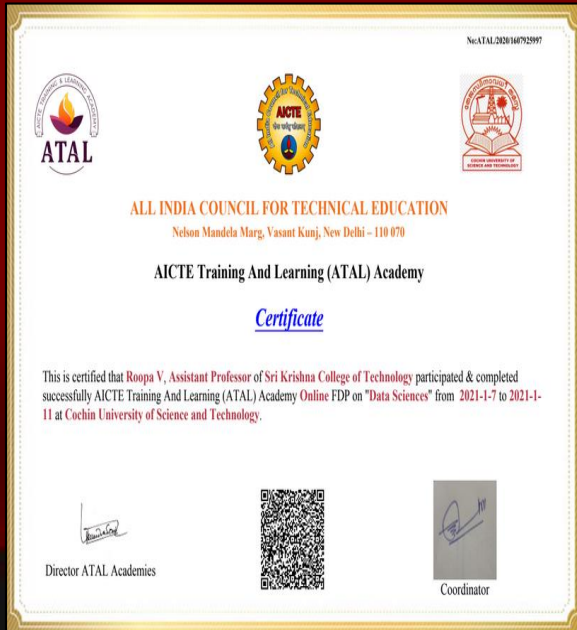
Measure Phase

- Process Step | Potential Failure | Potential Failure Effect | SEV | Potential Cause of Failure | OCC (Probability) | Current Monitor/Control | Detection | Risk Priority number (RPN)

Improve Phase

- Recommended Changes/Actions | Who and When? | Action Completed | SEV | DET | RPN

## IT | FDP ON DATA SCIENCES



Ms V Roopa, Asst. Professor, Dept. of IT, completed the AICTE ATAL Academy Online FDP on “**Data Sciences**” organised by Cochin University of Science and Technology, Kerala during 07-11 January 2021.

## IT | FDP ON INTERNET OF THINGS

Ms T Sangeetha, Asst. Professor, Dept. of IT, completed the AICTE ATAL Academy Online FDP on “**Internet of Things**” organised by Amal Jyothi College of Engineering, Kerala during 11-12 January 2021.



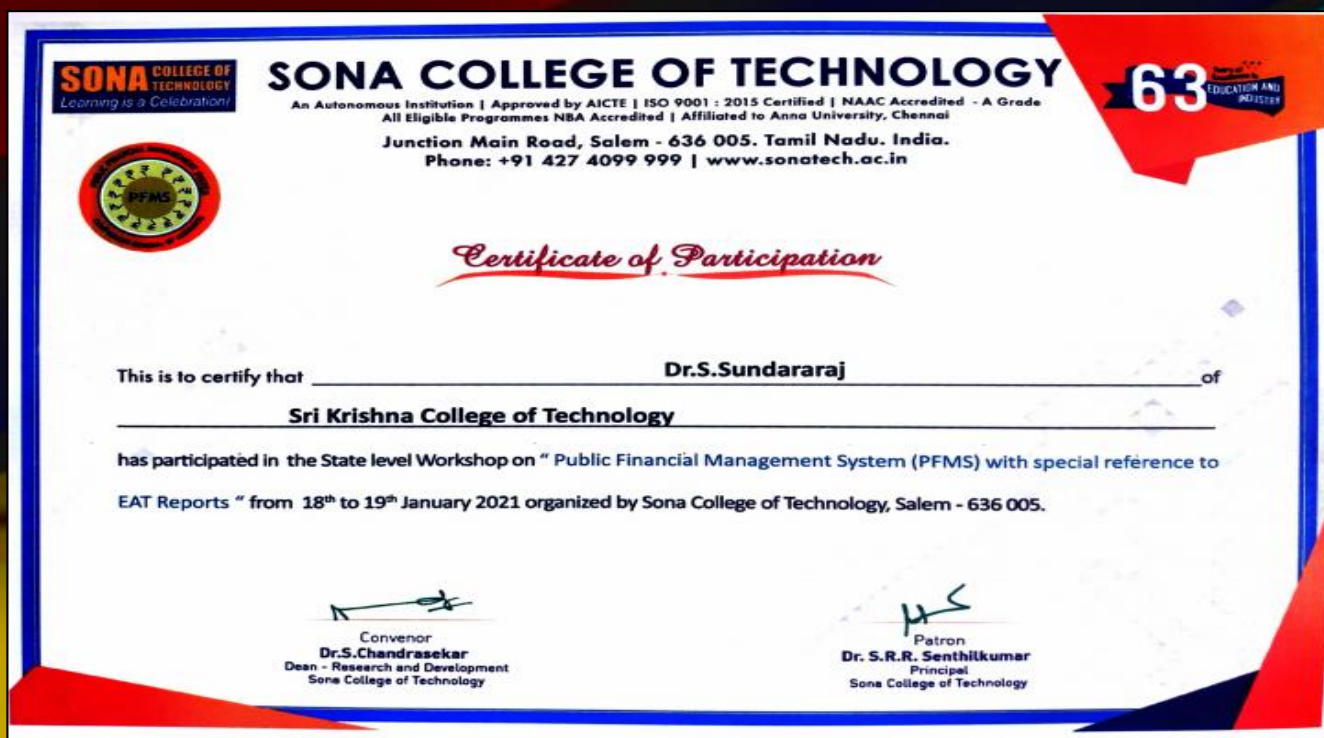
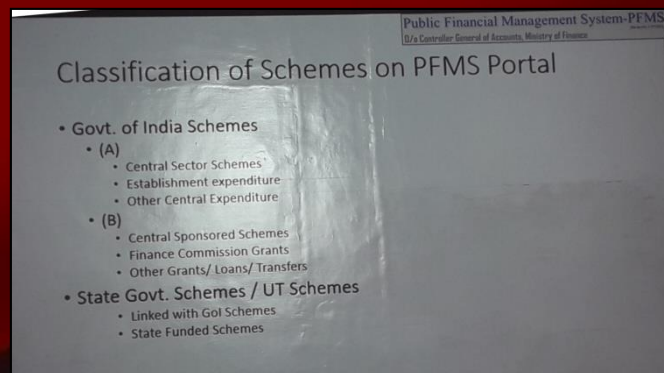
## MECH | FDP ON INTRODUCTION TO SIX SIGMA

Process Step	Potential Failure	Potential Failure Effect (PFE)	Potential Cause of Failure	Probability	Current Monitor/Control	Detection	Risk Priority No.	Recommended Change/Action
Customer Feedback on the App	Application does not process as expected	Leads to incorrect order	Bugs in the Application	4	Better Quality control measures before release	8	256	1) System Testing should be done more with respect to client force 2) Quality of testing to be increased to identify more bugs in the application in various levels of testing
Application issues	Application does not process as expected	Leads to incorrect order	Bugs in the Application	4	Better Quality control measures before release	8	256	1) System Testing should be done more with respect to client force 2) Quality of testing to be increased to identify more bugs in the application in various levels of testing
Issue in the Report at the restaurants	Application does not process as expected	Leads to incorrect order	Bugs in the Application	4	Better Quality control measures before release	8	256	1) System Testing should be done more with respect to client force 2) Quality of testing to be increased to identify more bugs in the application in various levels of testing
Application upgrade issues	Application does not process as expected	Leads to download App with bugs	New version of the App available in the Appstore is not tested properly	4	Better Release Management	8	288	1) Release Management is to be strengthened 2) User verification for the App from the IT Manager to be released

Restaurant	X Bar Data points	UCL	LCL	Mean
Restaurant-01	36	56.580099	5.9190009	33.25
Restaurant-02	38	56.580099	5.9190009	33.25
Restaurant-03	30	56.580099	5.9190009	33.25
Restaurant-04	32	56.580099	5.9190009	33.25
Restaurant-05	38	56.580099	5.9190009	33.25
Restaurant-06	32	56.580099	5.9190009	33.25
Restaurant-07	32	56.580099	5.9190009	33.25
Restaurant-08	42	56.580099	5.9190009	33.25
Restaurant-09	32	56.580099	5.9190009	33.25
Restaurant-10	43	56.580099	5.9190009	33.25
Restaurant-11	38	56.580099	5.9190009	33.25
Restaurant-12	30	56.580099	5.9190009	33.25
Total	378			

Mr P Sivaraman, Asst. Professor, Dept. of Mechanical Engineering, attended an Faculty Development Programme on “Introduction to Six Sigma” organised by EICT Academy-IIT, Kanpur on 22 January 2021.

## MECH | WORKSHOP ON PUBLIC FINANCIAL MANAGEMENT SYSTEM (PFMS)



Dr S Sundararaj, Professor, Dept. of Mechanical Engineering, participated in the State Level Workshop on "Public Financial Management System (PFMS) With Special Reference to EAT Reports" organised by Sona College of Technology, Salem during 18-19 January 2021.

# MEETINGS & DISCUSSIONS



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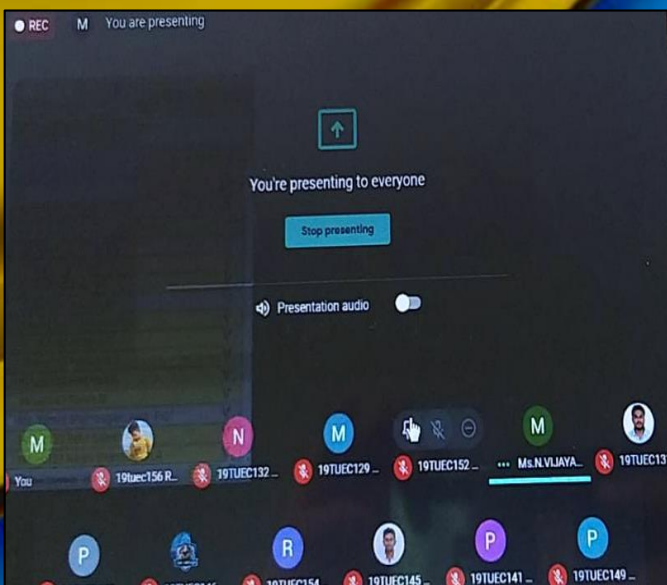
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digestfeedback@skct.edu.in

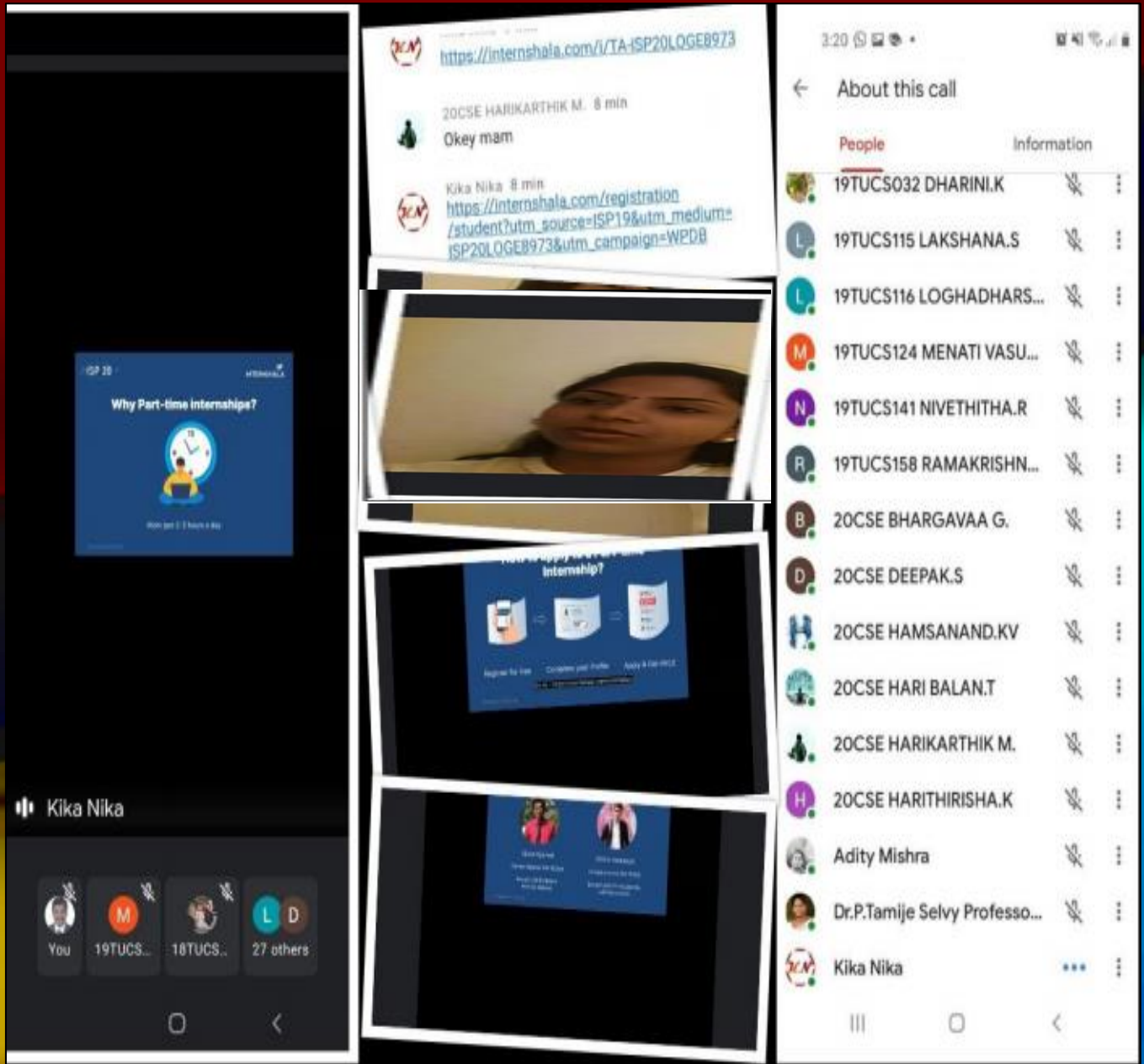
**ECE | TUTOR WARD SESSION**

Mr M Navin Kumar, Asst. Professor, Dept. of ECE, conducted the Tutor Ward Session for the Students of First B.E. ECE B Section regarding the participation in TOYCATHON 2021 on 13 January 2021.

**ECE | TUTOR WARD SESSION**

Ms N Vijayalakshmi, Asst. Professor, Dept. of ECE, conducted the Tutor Ward Session for the Students of Second B.E. ECE A Section regarding the TOYCATHON 2021, Pride Students Marks Calculation and NASSCOM Future Skills on 13 January 2021.

## CSE | INTERNSHALA TALK-A-THON VIRTUAL MEET



The Dept. of CSE organised a virtual meet for the Students of Second and Third B.E. CSE regarding the opportunities for doing internship in Internshala facilitated by Ms K Logeswari, Internshala Student Partner, Amazon Development Center, Bengaluru.

## EEE | FINAL YEAR PROJECT REVIEW

Classes x | Inbox (5,900) - senthilkumar.r@... x | Sri Krishna College of Technolog... x | Meet - Zeroth Review - IV EEE A x

meet.google.com/rpc-juna-cgc

REC Hari Haran.s 17TUEE040 is presenting

### Introduction

- ✓ Our main aim is to conserve energy and people should know how much of the energy is consumed by all devices in their homes.
- ✓ Smart meters come with an phone display which shows how much of energy is being used in real time. You can see what you're spending in rupee, which may encourage you to reduce your energy consumption.

Zeroth Review - IV EEE A

People (7) Chat

Add people Host controls

IN CALL

Mr. R. SENTHIL KU... (You)

17TUEE008 AJAY.M

17TUEE018 ARUN SINGH...

17TUEE038 GOWTHAM.S

Dr. Santhosh P

Old Class Lists BU (...txt) Show all

9:44 AM 1/21/2021

Dr K Lakshmi, Professor and Head, Final Year Project Coordinator, Dr S Saravanan, Mr R Senthilkumar and Mr P Leninpugalhanthi, Asst. Professors, Dept. of EEE, conducted a **“Final Year Project Zeroth Review”** with the Students of Final B.E. EEE on 23 January 2021.



## IT | FINAL YEAR PROJECT REVIEW

The top screenshot shows a Google Drive presentation slide titled "Abstract". The slide contains the following text:

- Accidents caused due to drunken drive are increasing tremendously in this modern world.
- In order to prevent accidents effectively the proposed system can be implemented. In this system, we monitor the level of alcohol consumption and heart beat rate.
- If the driver is identified with drunken drive, then the vehicle ignition system will stop which makes the drunken driver unable to move the vehicle resulting in accident prevention. And also, if there is any abnormal changes in heart beat rate, then the current status of the driver is send to their friends and relatives using iot.
- Since practical implementation in automobile is beyond the scope of this project, we are implementing the proposed system with a dc motor.

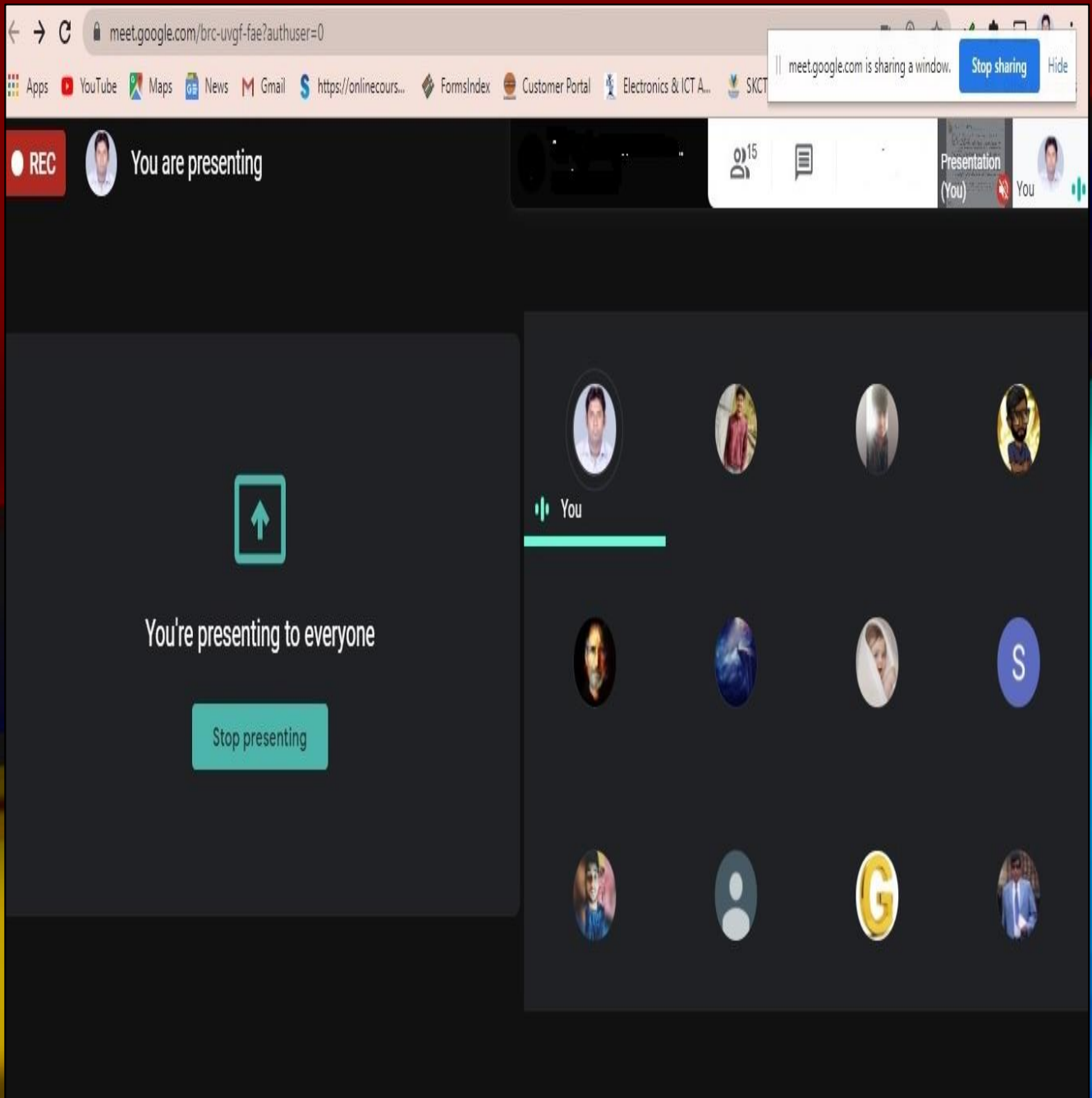
The bottom screenshot shows a Google Drive presentation slide titled "Block Diagram". The diagram illustrates a system architecture with the following components and connections:

- Inputs: Ultrasonic sensor, Ultrasonic sensor, Power supply.
- Central Component: Micro Controller.
- Outputs: Motor, Vehicle speed control.
- Software tools: Arduino IDE.

The diagram shows the Ultrasonic sensor and Power supply connected to the Micro Controller. The Micro Controller is connected to the Motor and Vehicle speed control. The Software tools section lists Arduino IDE.

Students of Final B.Tech. IT presented their first module implementation in **"First Review Meeting"** reviewed by Ms M Malathi, Asst. Professor, Dept. of IT on 21 January 2021.

## CSE | PLACEMENT MEETING



Mr S Sam Peter, Asst. Professor, Dept. of CSE, conducted a Placement Meeting with the tutors of Third B.E. CSE regarding the Placement Progress on 23 January 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 21 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 Online Classes, Students' Participation in Project Contest and Research Progress on 22 January 2021.

## CSE | DEPARTMENT MEETING

COMPUTER SCIENCE  
& ENGINEERING

Dr P Tamiye Selvy, Professor and Head, Dept. of CSE, conducted a meeting with the Members of Faculty regarding the Academic Activities and Placement Progress on 20 January 2021.

# EVENTS ORGANISED



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digestfeedback@skct.edu.in

## SoM | BSE SPONSORED ONLINE WORKSHOP ON SECURITIES MARKET

**SRI KRISHNA**  
COLLEGE OF TECHNOLOGY  
(An Autonomous Institution)  
Approved by AICTE, New Delhi & Affiliated to Anna University  
(Accredited by NAAC with "A" Grade)

**SRI KRISHNA INSTITUTIONS**  
COIMBATORE

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

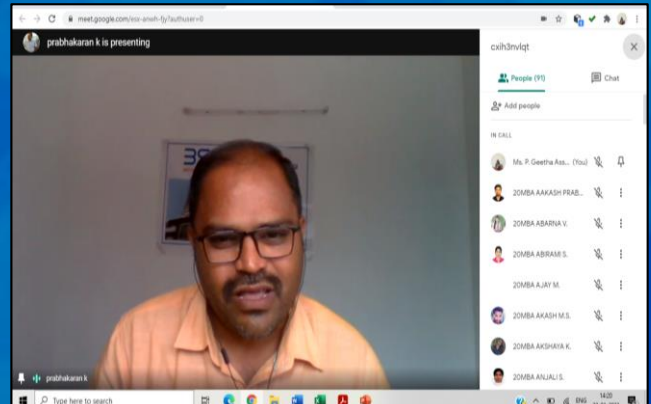
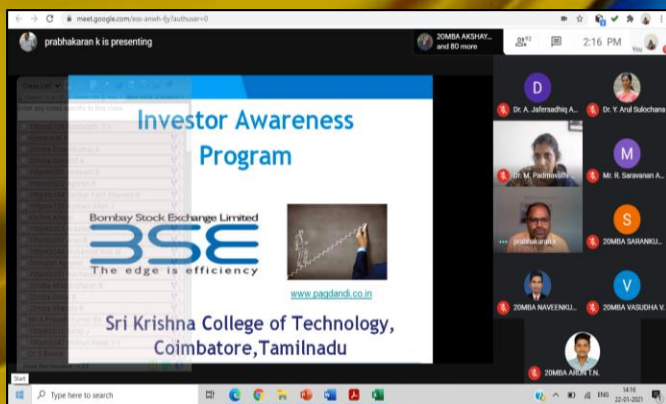
*Invites you to join BSE Sponsored Online Workshop on  
Securities Market*

**Dr.K.Prabhakaran**  
Faculty – Finance & Entrepreneurship  
SEBI & NCFE Financial Education Resource Person

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

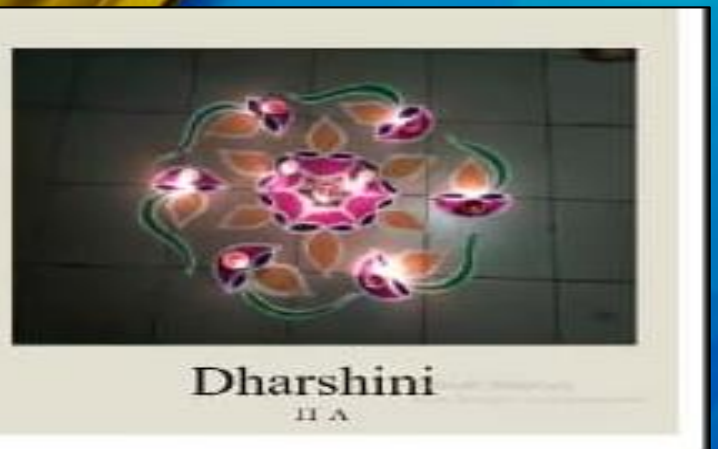
**January 22, 2021**

**Join us on Google Meet 02.00 pm**



The School of Management organised the BSE sponsored online workshop on **“Securities Market”** on 22 January 2021.

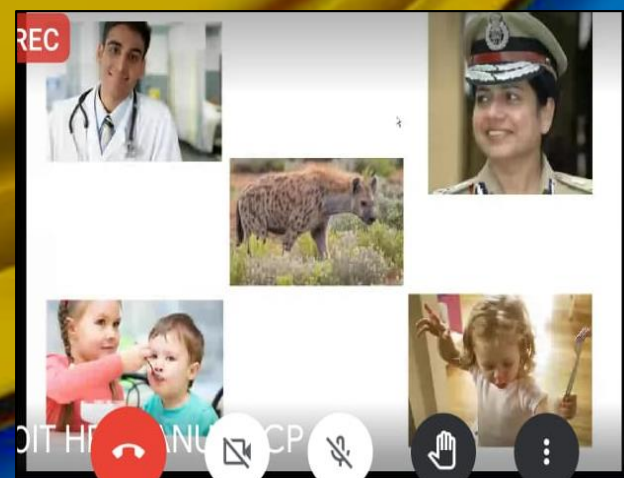
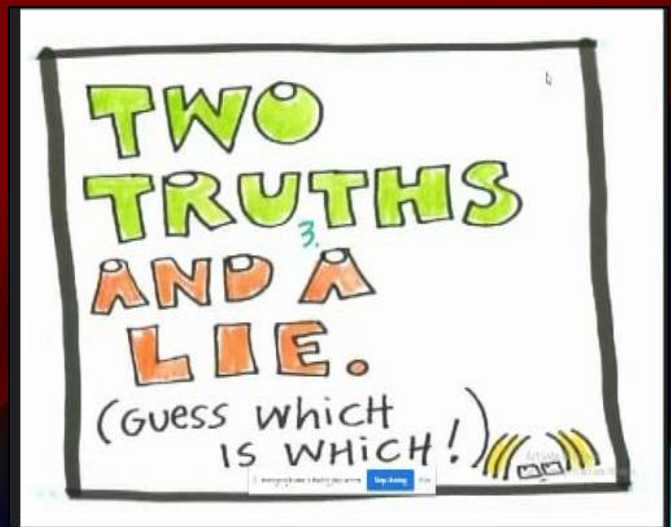
## S&H | PONGAL CELEBRATION ON 13.01.2021



Students of First B.Tech. IT A Section organised various events like “Rangoli, Anthaksari, Scattergories, Tik-tik-tik, Two Truths and One Lie” as a part of Magara Sankarathi celebration and Pongal celebration on 13 January 2021.



## S&H | PONGAL CELEBRATION ON 13.01.2021



## SoM | STUDENT'S TALENT



By Ms E Shalini,  
Student of First MBA.