

SKCT **DIGEST**

SPECIAL EDITION - 56

14 JUNE - 18 JUNE 2021



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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SKCT | ISRO IIRS | ONLINE CERTIFICATION



**INDIAN INSTITUTE OF REMOTE
SENSING**

Indian Space Research Organisation
Department of Space, Government of India



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SKCT | ISRO IIRS | ONLINE CERTIFICATION COURSE | GEOINFORMATICS FOR DISASTER MANAGEMENT



सत्यमेव जयते

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



COR757872021

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

संस्थान की सहभागिता का प्रमाण पत्र
CERTIFICATE OF PARTICIPATION OF INSTITUTE

यह प्रमाणित किया जाता है कि श्री कृष्णा कॉलेज ऑफ टेक्नोलॉजी ने भारतीय सुदूर संवेदन संस्थान, इसरो देहरादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम "आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग" में भाग लिया। इस ऑनलाइन पाठ्यक्रम को संचालन दिनांक 05 अप्रैल, 2021 से 16 अप्रैल, 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 "**Geoinformatics for Disaster Management**". This online programme was conducted during April 05, 2021 to April 16, 2021.

दिनांक/ Date: 11-06-2021
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 organising a Two-week online certification course on "**Geoinformatics for Disaster Management**" through SKCT-IIRS/ISRO Nodal Centre during 05-16 April 2021.

ECE | ISRO IIRS | ONLINE CERTIFICATION COURSE | GEOINFORMATICS FOR DISASTER MANAGEMENT



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

COR757872021

समन्वय का प्रमाणपत्र
CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि श्री कृष्णा कॉलेज ऑफ टेक्नोलॉजी कार्यरत श्री एस गणेश प्रभु, ने “आपदा प्रबंधन में भू-सूचना विज्ञान का प्रयोग” विषय पर इस संस्थान द्वारा दिनांक 05 अप्रैल, 2021 से 16 अप्रैल, 2021 तक संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम को समन्वित किया।

This is to certify that **MR. S GANESH PRABHU**, working with **SRI KRISHNA COLLEGE OF TECHNOLOGY**, has coordinated the online training course on “**Geoinformatics for Disaster Management**” conducted by this institute during April 05, 2021 to April 16, 2021.

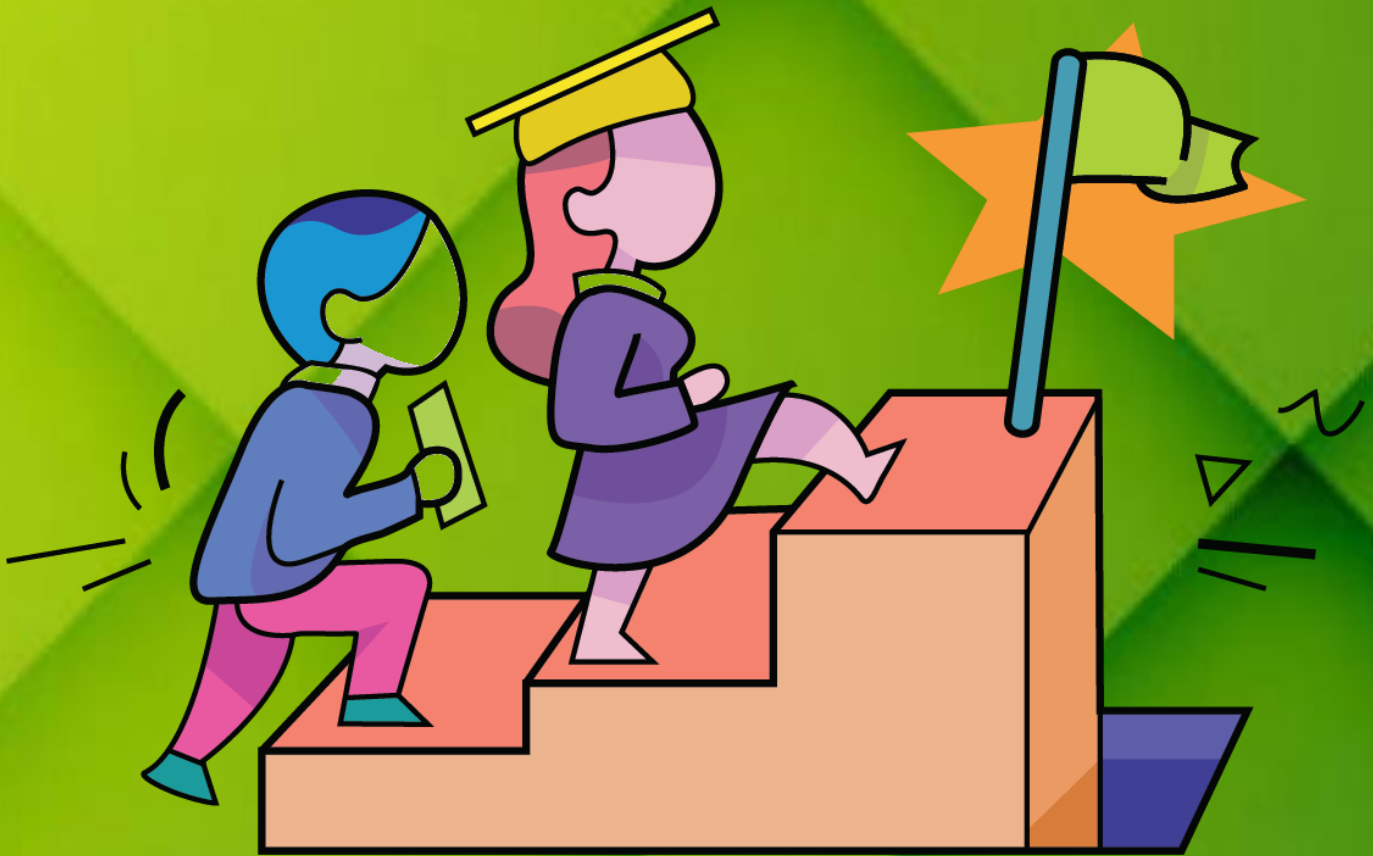
दिनांक/ Date: 11-06-2021
देहरादून/ Dehradun


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

The Dept. of ECE in association with IIRS/ISRO organised a Two-week online certification course on “**Geoinformatics for Disaster Management**” through SKCT-IIRS/ISRO Nodal Centre during 05-16 April 2021. Mr S Ganesh Prabhu, Asst. Professor, Dept. of ECE, has been certified for coordinating the event.

STUDENTS' PARTICIPATION



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SoM | STUDENT CERTIFICATION | ARTIFICIAL INTELLIGENCE IN DIGITAL MARKETING



Ms Vaishnave, Student of First MBA completed an online course on “**Artificial Intelligence in Digital Marketing**” on 15 June 2021.

IT | STUDENT CERTIFICATION | PYTHON BASICS FOR DATA SCIENCE

Verified Certificate

IBM

This is to certify that


SHAMYUKTHA K

successfully completed and received a passing grade in

PY0101EN: Python Basics for Data Science

a course of study offered by IBM, an online learning initiative of IBM.

Joseph Santarcangelo
Joseph Santarcangelo
Data Scientist
IBM

 **Verified Certificate** Issued June 11, 2021 **Valid Certificate ID** [9ed3a459ef574db3b71ee5ec5ebbfa3e](#)



Ms Shamyuktha K, Student of Third B.Tech. IT B section, completed an online course on **“Python Basics for Data Science”** offered by IBM through edx on 11 June 2021.

IT | STUDENTS' PARTICIPATION | WORKSHOP ON
ADVANCED EXCEL



Ms Shiva Shri U, Mr Neeraj Gokul R and Ms Sweda D, Students of Third B.Tech. IT B section, attended an online workshop on "Advanced Excel" organised by JS Academy on 13 June 2021.

IT | STUDENT PARTICIPATION | WEBINAR ON AI BASED OBJECT DETECTION



Ms Dinesh A, Student of Third B.Tech. IT A section, attended in a webinar on **“AI Based Object Detection”** facilitated by Khalsa College for Women Sidhwan Khurd in association with Pantech eLearning on 05 June 2021.

IT | STUDENT PARTICIPATION | WORKSHOP ON ETHICAL HACKING USING PYTHON

Ms Dinesh A, Student of Third B.Tech. IT A section, attended a workshop on **“Ethical Hacking using Python”** organised by Pantech eLearning on 25 April 2021.



IT | STUDENT PARTICIPATION | WORKSHOP ON ARTIFICIAL INTELLIGENCE



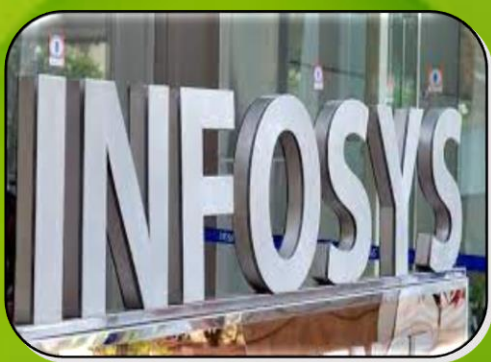
Ms Dinesh A, Student of Third B.Tech. IT A section, participated in a National Level Workshop on "Artificial Intelligence" organised by Pantech eLearning during 30 April-01 May 2021.

IT | STUDENT PARTICIPATION | WORKSHOP ON PYTHON PROGRAMMING & APPLICATIONS

Ms Dinesh A, Student of Third B.Tech. IT A section, participated in a 2-day National Level Workshop on "Python Programming & Applications" organised by NITK-STEP in association with Pantech eLearning during 05-06 June 2021.

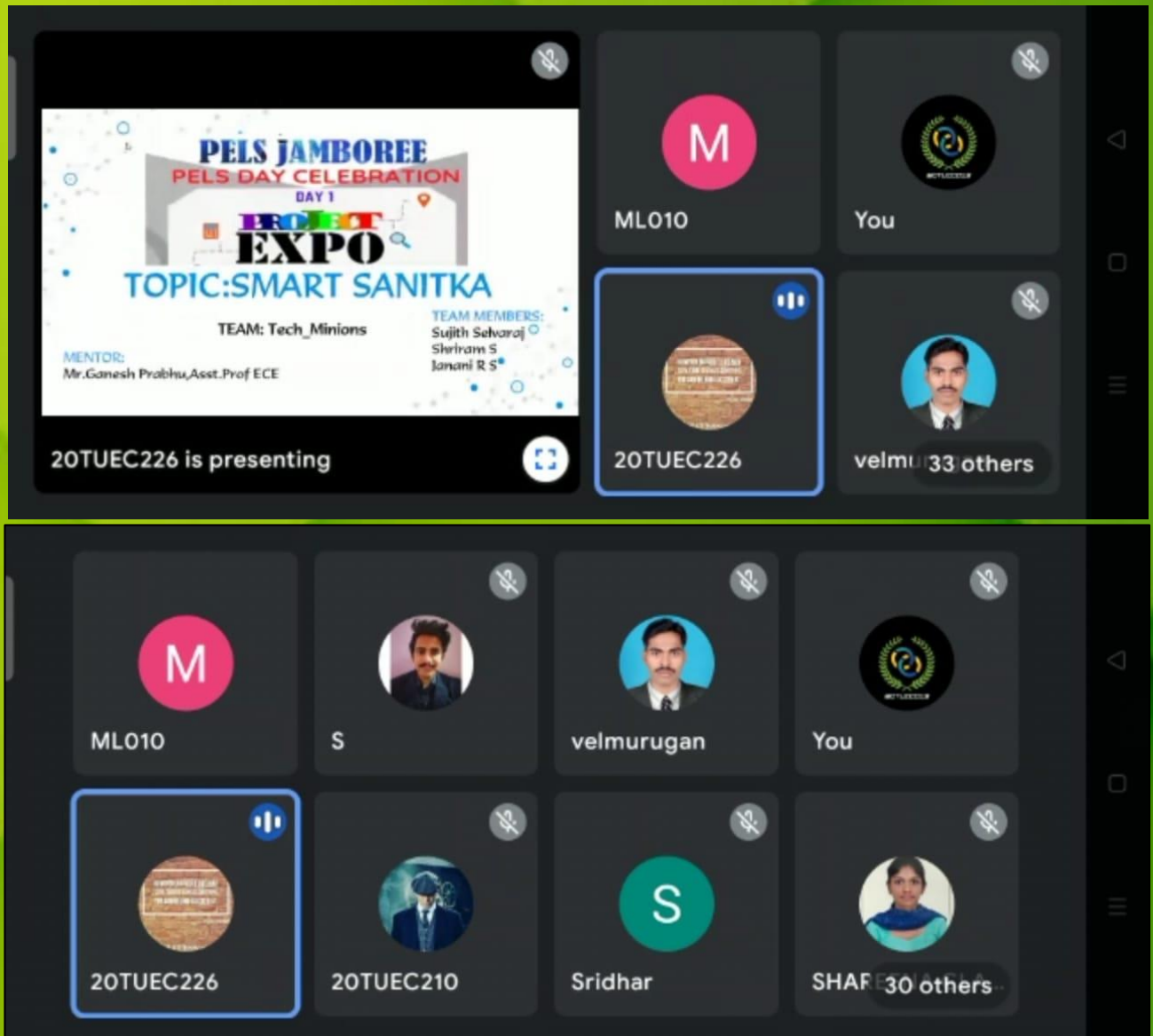


**EEE | STUDENTS' ACHIEVEMENT | PLACEMENT IN
INFOSYS AT STATE LEVEL DRIVE**



Ms Susmitha B, Mr Gokulraj P, Mr Kabilan A S, Mr Karthick Balaji N, Ms Madumitha S S, Ms Nivathasri R and Mr Raguram A, Students from the Dept. of EEE, selected in “**Infosys**” state drive.

ECE & ICE | STUDENTS' ACHIEVEMENT | PELS JAMBOREE 2021 | SMART SANITKA



Mr Sujith S, Mr Shriram S, Students of First B.E. ECE and Ms Janani R S, Student of First B.E. ICE, shortlisted for “Pels Jamboree 2021” for presenting a project on “Smart Sanitka” organised by St. Joshep Engineering college, Chennai. Mr S Ganesh Prabhu, Asst. Professor, Dept. of ECE, mentored the students.

IT | STUDENTS' INTERNSHIP | WEB DEVELOPMENT



Mr Mahesh J and Mr Manojkumar S, Students of Third B.Tech. IT A section, got an internship in the field of “**Web Development**” at GRIP At The Sparks Foundation through Internshale on 10 June 2021.

**IT | STUDENT CERTIFICATION | MACHINE LEARNING
& DEEP LEARNING IN PYTHON & R**



Mr Nitish Kumar, Student of Third B.Tech. IT B section, completed an online course on “**Machine Learning & Deep Learning in Python & R**” offered through Udeemy on 16 June 2021.

EEE | STUDENT CERTIFICATION | SKILL COUNCIL FOR GREEN JOBS



Certificate of Completion

This is to certify that Pooja S D/O Saravanan S has successfully completed the online training on Foundation Programme on Renewable Energy for IndiaSkills 2021 conducted by Skill Council for Green Jobs.

Training Duration: 24 May 2021-16 Jun 2021
Assessment Date: 16 Jun 2021
Certificate Number: C6202110459
Aadhar Number: 483077889812

Dr. Praveen Saxena
Chief Executive Officer



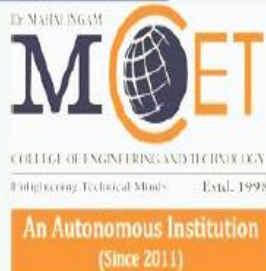
Ms Pooja S, Student of Second B.E. EEE B section, completed an online course on “**Foundation Programme on Renewable Energy for India Skills 2021**” organised by Skill Council for Green Jobs.

CIVIL | STUDENT PARTICIPATION | WEBINAR ON GREEN BUILDING INNOVATION AND OPPORTUNITIES



Mr Sampruth Pirabakar, Student of Third B.E. Civil Engineering, attended a webinar on "Green Building Innovation and Opportunities" organised by St. Joseph College of Engineering College, Chennai on 09 June 2021.

CIVIL | STUDENT PARTICIPATION | WEBINAR ON ADVANCEMENT AND OPPORTUNITIES IN CIVIL ENGINEERING



Dr. MAHALINGAM
COLLEGE OF ENGINEERING AND TECHNOLOGY
Affiliated to Anna University, Chennai; Approved by AICTE; Accredited by NAAC with Grade 'A++'
Accredited by NBA - Tier1 (Mech, Auto, Civil, EEE, ECE, E&I and CSE)
Udumalai Road, Pollachi - 642 003 Tel: 04259-236030/40/50 Fax: 04259-236070 www.mcet.in

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

SAMPRUTH PIRABAKARAN of **SRI KRISHNA COLLEGE OF TECHNOLOGY,
COIMBATORE**

has participated in the five-day webinar series titled "Advancement and Opportunities in Civil Engineering" from 07.06.2021 to 11.06.2021 organized by Department of Civil Engineering, Dr.Mahalingam College of Engineering and Technology.

Dr. K. SRINIVASAN
COORDINATOR

Miss. R. ANUJA
CO-COORDINATOR

Dr.R.VENKATASUBRAMANI
HOD/ CIVIL

Dr..A.RATHINAVELU
PRINCIPAL

Mr Sampruth Pirabakar, Student of Third B.E. Civil Engineering, attended a webinar on "**Advancement and Opportunities in Civil Engineering**" organised by Dr Mahalingam College of Engineering and Technology, Pollachi during 07-11 June 2021.

IT | STUDENTS' PARTICIPATION | WEBINAR ON CHOOSING A STEM PROGRAM TO STUDY IN THE USA EXPERIENCES & OPPORTUNITIES

7:24 7:24 4%

Close Participants (100)

Search

K Kaviya s (me)

Subhash Pol (Host)

VG Victor Govindaswamy (Co-host)

AK Ashok Korrapati (Co-host)

DC David Crawford (Co-host)

DG Deepraj Gahatraj (GUS em... (Co-host)

EN Ellen Newman (Co-host)

F farooqsyed (Co-host)

JV James Vigus (Co-host)

Subhash Pol (Co-host)

1Y 17 Yash Hirani

19TUIT008 BHARANIDHARAN.R

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Invite

CS@CUC Program - INT - PowerPoint

File Home Insert Design Transitions Animations Slide Show Review View Add-Ins Help Storyboarding Tell me Ask Share

Clipboard Font Paragraph Drawing

2020 IEEE XTREME WORLD 24 HR PROGRAMMING COMPETITIONS

- > 3rd in the United States.
- > 67th in the world
- > Top 1.5 percent—
- > Out of 4000+ teams.
- > Student teams from CUC captured the top 6 places among competitors from universities in and around Chicago.
- > 1st in Chicago.

Click to add notes

Notes Comments 59%

Students of Third B.Tech. IT A section attended a webinar on “Choosing a STEM Program to Study in the USA Experiences & Opportunities” organised by IEEE on 16 June 2021.

FACULTY PARTICIPATIONS



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YUVA INNOVATOR CHALLENGE 2021 | JURY MEMBER

YUVA INNOVATORS CHALLENGE

KITES
EDUCATION
LET THEM FLY

YUVA Incubated

WELCOME ON BOARD
K.I.T.E.S. Education & Yuva IncubatedED
express profound gratitude in unveiling our

**EMINENT
JURY MEMBER**

Yuva Innovator Challenge 2021
*LaunchPad For Young Innovators &
Aspiring Entrepreneurs*

SRINIVASAN ALAVANDAR
Principal
Sri Krishna College of Technology
Coimbatore, Tamil Nadu

www.kiteseducation.com www.yuvaincubated.com



K.I.T.E.S. Education and Yuva IncubatedED expresses profound gratitude in unveiling Dr Srinivasan Alavandar, Principal, Sri Krishna College of Technology, Coimbatore as **“Eminent Jury Member”** in Yuva Innovator Challenge 2021.

CSE | FACULTY ACHIEVEMENT | CONFERENCE PAPER REVIEWER



CERTIFICATE OF APPRECIATION



9th International Conference on Recent Trends in Computing
ICRTC-2021 (4th - 5th June 2021)

This Certificate of Appreciation is awarded to

Dr. M. DEVA PRIYA

of

Sri Krishna College of Technology, Kovaipudur, Coimbatore-641042

for her contribution as

Conference Paper Reviewer

during the 9th International Conference on Recent Trends in Computing (ICRTC-2021), organized by the Department of Computer Science and Engineering held at SRM Institute of Science and Technology, Delhi-NCR Campus, Ghaziabad from 4th - 5th June, 2021.

Dr. Veena Khandelwal
Assistant Professor (CSE)
Co-Convenor- ICRTC 2021

Dr. R.P. Mahapatra
Professor & Head (CSE)
Convenor- ICRTC 2021

Dr M Deva Priya, Assoc. Professor, Dept. of CSE, acted as Conference Paper Reviewer in the 9th International Conference on “**Recent Trends in Computing**” organised by SRM IST, Delhi-NCR Campus during 04-05 June 2021.

IT | INTERNATIONAL CONFERENCE | DEEP LEARNING BASED STOCK MARKET PREDICTION



CERTIFICATE OF PRESENTATION



9th International Conference on Recent Trends in Computing
ICRTC-2021 (4th - 5th June 2021)

This is to certify that

Christy Jeba Malar A.

of

Department of IT, Sri Krishna College of Technology, Coimbatore, Tamilnadu

presented his/her research paper titled

Deep Learning based Stock Market Prediction

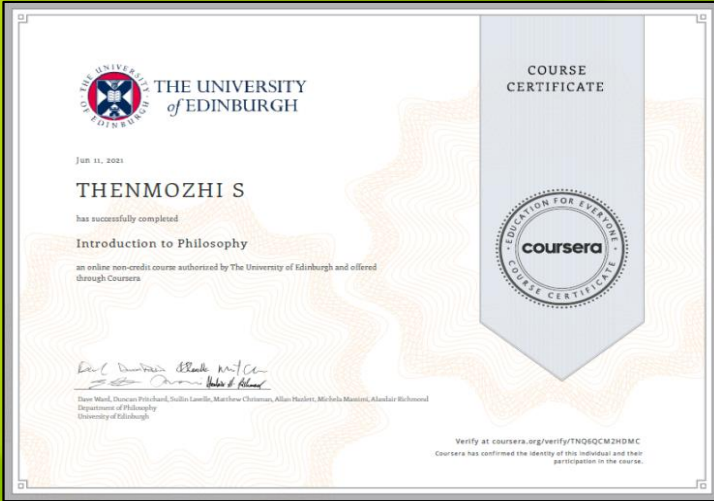
during the 9th International Conference on Recent Trends in Computing (ICRTC-2021), organized by the Department of Computer Science and Engineering held at SRM Institute of Science and Technology, Delhi-NCR Campus, Ghaziabad from 4th - 5th June, 2021.

Dr. Veena Khandelwal
Assistant Professor (CSE)
Co-Convenor- ICRTC 2021

Dr. R.P. Mahapatra
Professor & Head (CSE)
Convenor- ICRTC 2021

Dr A Christy Jeba Malar, Assoc. Professor, Dept. of IT, presented a research paper on “**Deep Learning based Stock Market Prediction**” in the 9th International Conference on Recent Trends in Computing 2021 organised by SRM IST, Delhi-NCR Campus during 04-05 June 2021.

ECE | FACULTY CERTIFICATION | INTRODUCTION TO PHILOSOPHY

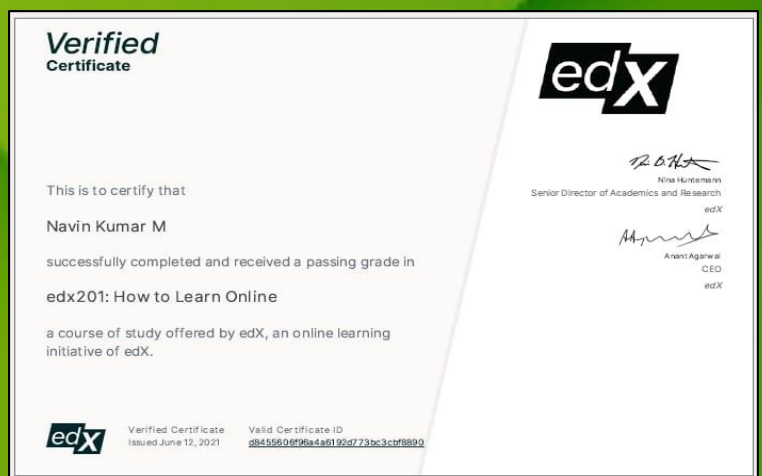


Ms S Thenmozhi, Asst. Professor, Dept. of ECE, completed an online course on “Introduction to Philosophy” offered through Coursera.



ECE | FACULTY CERTIFICATION | HOW TO LEARN ONLINE

Mr M Navin Kumar, Asst. Professor, Dept. of ECE, completed an online course on “How to Learn Online” offered through edX.

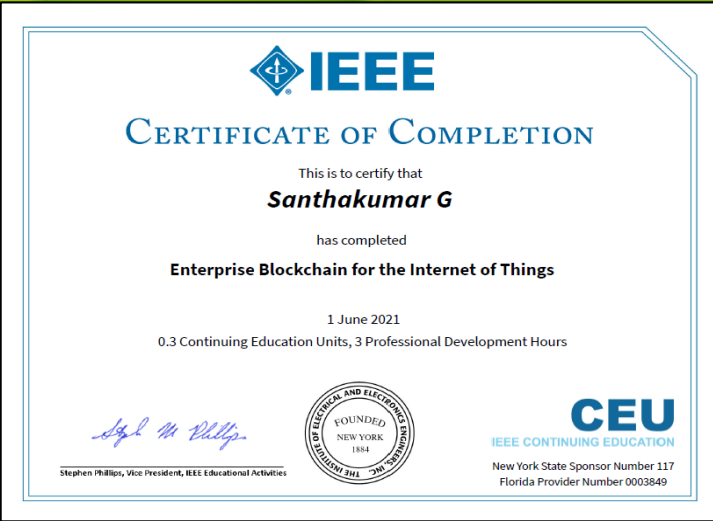


ECE | FACULTY CERTIFICATION | MATLAB ONRAMP

Mr G Santhakumar, Asst. Professor, Dept. of ECE, completed a self-paced training course on **“MATLAB Onramp”** offered through MathWorks on 11 June 2021.



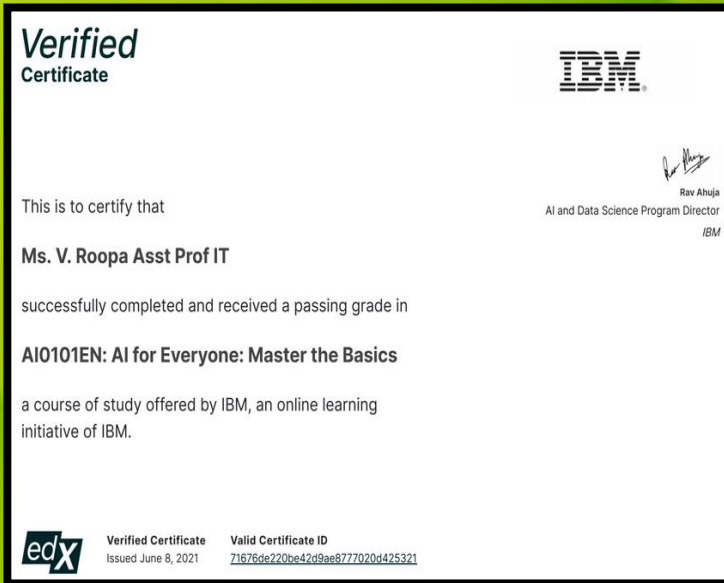
ECE | FACULTY CERTIFICATION | ENTERPRISE BLOCKCHAIN FOR THE INTERNET OF THINGS



Mr G Santhakumar, Asst. Professor, Dept. of ECE, completed a course on **“Enterprise Blockchain for the Internet of Things”** offered through IEEE on 01 June 2021.



IT | FACULTY CERTIFICATION | AI FOR EVERYONE: MASTER THE BASICS



Ms V Roopa, Asst. Professor, Dept. of IT, completed an online certification course on **“AI for Everyone: Master the Basics”** offered by IBM through edx on 08 June 2021.

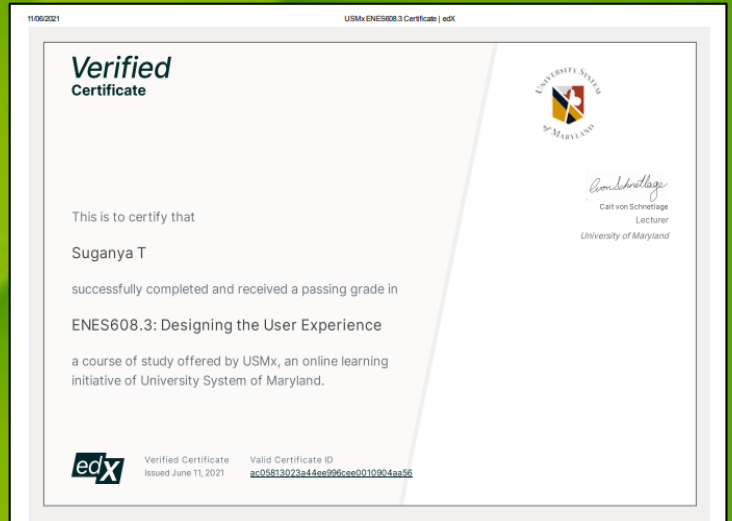
IT | FACULTY CERTIFICATION | CODE YOURSELF! AN INTRODUCTION TO PROGRAMMING

Ms S Madumidha, Asst. Professor, Dept. of IT, completed an online course on **“Code Yourself! An Introduction to Programming”** offered by the University of Edinburgh through Coursera on 13 June 2021.



CSE | FACUTLY CERTIFICATION | DESIGNING THE USER EXPERIENCE

Ms T Suganya, Asst. Professor, Dept. of CSE, completed an online course on **“Designing the User Experience”** offered by University System through edX.

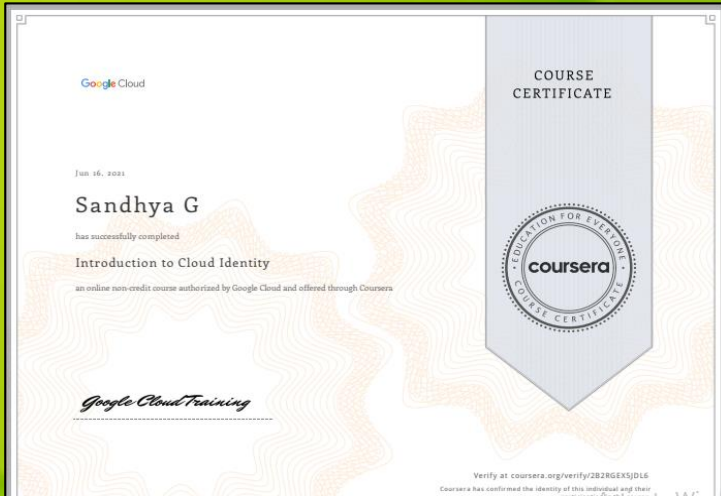


CSE | FACULTY CERTIFICATION | PYTHON FOR MACHINE LEARNING



Ms A Sunitha Nandhini, Asst. Professor, Dept. of CSE, completed an online course on **“Python for Machine Learning”** offered through Great Learning Academy.

CSE | FACULTY CERTIFICATION | INTRODUCTION TO CLOUD IDENTITY



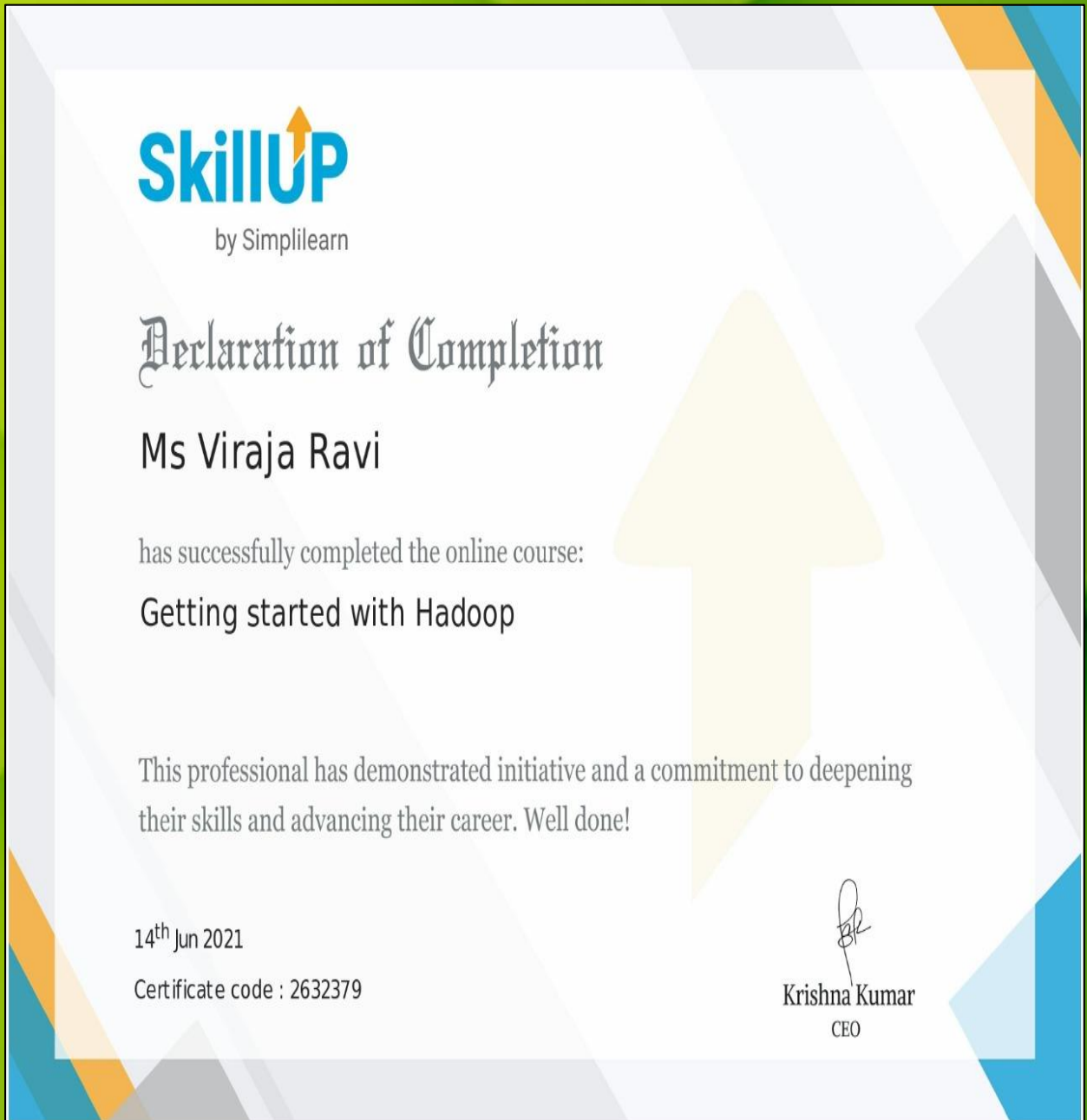
Ms G Sandhya, Asst. Professor, Dept. of CSE, completed a course on **"Introduction to Cloud Identity"** offered through Coursera on 16 June 2021.

CSE | FACULTY CERTIFICATION | INTRODUCTION TO DIGITAL MARKETING



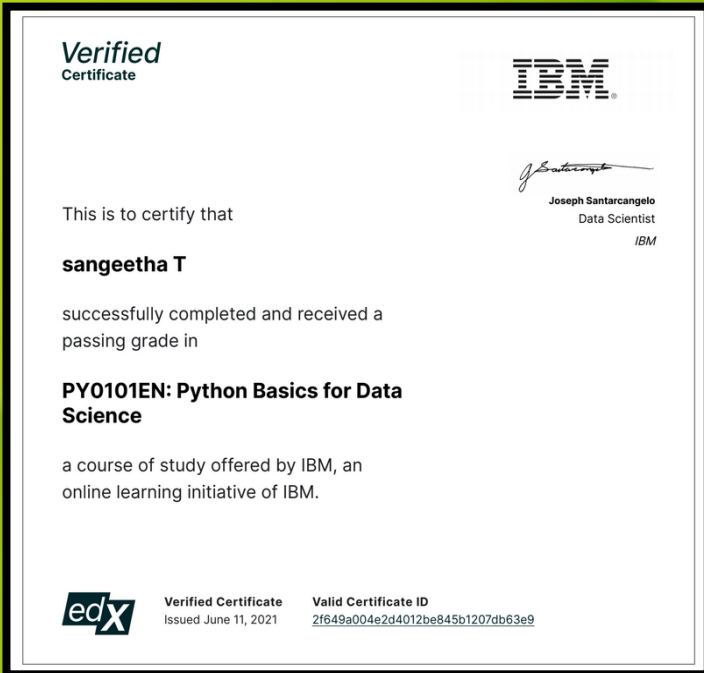
Ms Viraja Ravi, Asst. Professor, Dept. of CSE, completed an online course on **"Introduction to Digital Marketing"** offered through Great Learning Academy.

CSE | FACULTY CERTIFICATION | GETTING STARTED WITH HADOOP



Ms Viraja Ravi, Asst. Professor, Dept. of CSE, completed an online course on "**Getting Started with Hadoop**" offered through Simplilearn on 14 June 2021.

IT | FACULTY CERTIFICATION | PYTHON BASICS FOR DATA SCIENCE



Ms T Sangeetha, Asst. Professor, Dept. of IT, completed an online course on “**Python Basics for Data Science**” offered by IBM through edx on 11 June 2021.

IT | FACULTY CERTIFICATION | DEEP LEARNING FUNDAMENTALS WITH KERAS

Ms T Sangeetha, Asst. Professor, Dept. of IT, completed an online certification course on “**Deep Learning Fundamentals with Keras**” offered by IBM through edx on 11 June 2021.



NEW VISTAS OF LEARNING



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ECE | WEBINAR ON IoT AND EMBEDDED SYSTEMS

Ms B Priyanka, Asst. Professor, Dept. of ECE, attended a webinar on "IoT and Embedded Systems" organised by S L N College of Engineering in association with Pantech e Learning, Chennai on 8 June 2021.

**MECH | WEBINAR ON RESEARCH PUBLICATION
THINGS TO BE KNOWN**

Mr S Vinodhkumar, Asst. Professor, Dept. of Mechanical Engineering, attended a webinar on "Research Publication: Things to Be Known" organised by Nehru Institute of Technology, Coimbatore on 14 June 2021.

MECH | WEBINAR ON NEW PRODUCT DEVELOPMENT PROCESS IN FUTURISTIC DESIGN OF MODULAR PLATFORM SEATING SYSTEMS

SAEI Seminar
11th June 2021

Viewing Rengarajan Srinivasan...

NEW PRODUCT DEVELOPMENT PROCESS IN FUTURISTIC DESIGN OF MODULAR PLATFORM SEATING SYSTEMS.

• By Rengarajan Srinivasan – Director, StellarSP Pvt Ltd.,

NPD process and design objectives

- New product necessity
- Application of 'New product development process.
- Futuristic design concepts & ideas
- Development of a new platform
- Modular product series for bus passenger seats
- Outcome



NPD - Revised Process

Planning	Concept Development	Preliminary Design	Detailed Design	Testing & Refinement	Process Design	Pilot Production
Customer requirement consolidation	Concept Feasibility Study	Generate Product architecture	Part I Assembly design	Performance Tuning	Process Flow Realization	Quality Proofing
Benchmarking of Product and Processes	Develop Industrial design concept	Define major sub-systems and interfaces	Material selection	Reliability testing	Operation standards	Establish productivity
Access new Technologies	Build experimental Prototypes	Refinement of ID concepts	Joining Analysis	Certification from regulatory agencies	Facility provision	Continuous Improvements
Product platform and architecture	Identify differentiating ideas	DFM / DFA analysis	Sensitivity analysis for Tolerances	Integrate design changes	Process Proofing	
						Verify and supply chain aspects review

Legend : - Focus Areas

New product development process.

Design Considerations:

- Seating comfort
- Anthropometric data
- Ergonomics
- Structural Rigidity
- Seat Durability
- Aesthetics

SPL/DIR-NPD process in seat design/SAEI - 11 June 2021



Ergonomics:

Pressure distribution technique to arrive at good contours.

Acceptable Pressure Limits: 0.5 - 0.8 N/cm²



SPL/DIR-NPD process in seat design/SAEI - 11 June 2021

Mr K Kaviyarasan, Asst. Professor, Dept. of Mechanical Engineering, attended a webinar on “**New Product Development Process in Futuristic Design of Modular Platform Seating Systems**” organised by SAEISS, Coimbatore on 11 June 2021.

ECE | WEBINAR ON ADAPTIVE SPECTRAL ESTIMATION OF NON STATIONARY EVENTS IN TIME SERIES USING KAIMAN FILTER



Hindusthan Institute of Technology

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai, Accredited by NBA & NAAC with 'A' Grade & Certified with ISO 9001:2015, Coimbatore - 641 032

Department of
Electronics and Communication Engineering



Certificate of Participation

This is to certify that **Dr . ANJU ASOKAN** , Assistant professor, **ECE** has participated in the Webinar on “Adaptive Spectral Estimation of Non Stationary Events in Time series using Kalman Filter”, Organized by the Department of Electronics and Communication Engineering, Hindusthan Institute of Technology, Coimbatore, in association with IET Student Chapter on 12.06.2021.

Dr.S.Chinnapparaj
Co-ordinator

Dr.B.Paulchamy
Convener

Made for free with Certify'em

Dr Anju Asokan, Asst. Professor, Dept. of ECE, attended a webinar on “Adaptive spectral Estimation of Non stationary Events in Time series using Kaiman Filter” organised by Hindusthan Institute of Technology, Coimbatore on 12 June 2021.

MECH | WORKSHOP ON HASSLE-FREE RESEARCH ARTICLE WRITING USING LATEX





Department of Electronics and Communication Engineering

IEEE - Student Branch

Workshop on
"Hassle-free Research Article Writing Using LaTeX"

Date: 12th June, 2021

Presentation by
Dr.K.Ezhilarasan, Professor
Department of ECE,
Sambhram Institute of Technology



LaTeX is a high-quality typesetting system

features designed to produce technical and scientific documentation

de facto standard for the communication and publication of scientific documents

LaTeX is available as free software.

Online Editors

- Overleaf
◦ <https://www.overleaf.com/>
- LaTeX Base
◦ <https://latexbase.com/>
- Papeeria
◦ <https://papeeria.com/>
- Authorea
◦ <https://www.authorea.com/>

Beginning and End

• \begin{document}	• \end{document}
• \begin{frontmatter}	• \end{frontmatter}
• \begin{abstract}	• \end{abstract}
• \begin{keyword}	• \end{keyword}
• \begin{itemize}	• \end{itemize}
• \begin{enumerate}	• \end{enumerate}
• \begin{equation}	• \end{equation}
• \begin{table}	• \end{table}
• \begin{tabular}	• \end{tabular}
• \begin{figure}	• \end{figure}





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Department of Electronics & Communication Engg
IEEE - Student Branch

Certificate of Participation

This is hereby given to

KAVIYARASAN K

for participated in workshop on "Hassle-Free Research Article Writing using LaTeX" on 12th June 2021.



Dr.K.Ezhilarasan
Senior IEEE Member,
Program Coordinator

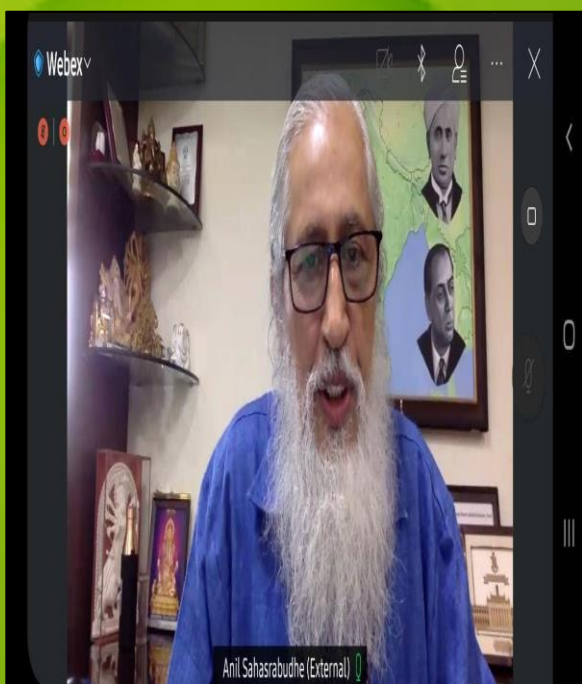




Dr.Ravishankar C V
HOD - ECE
Sambhram Institute of Technology

Mr K Kaviyarasan, Asst. Professor, Dept. of Mechanical Engineering, attended a workshop on **"Hassle Free Research Article Writing Using LaTeX"** organised by Sambhram Institute of Technology, Bengaluru on 12 June 2021.

EEE | WEBINAR ON LEVERAGING EDUCATION POLICIES FOR A SUCCESSFUL AY 2021-22



Dr. K. Lakshmi, Professor and Head, Dept. of EEE, attended an Interactive National Webinar on "**Leveraging Education Policies for a successful AY 2021-22**" organised by AICTE, New Delhi on 12 June 2021.

CIVIL | WEBINAR ON VARIABILITY AND FACTORS AFFECTING THE INTERPRETATION OF CONCRETE STRENGTH

CERTIFICATE
PROUDLY PRESENTED TO

Dr. SREEVIDYA V

Variability and factors affecting the interpretation of
Concrete Strength

CERTIFICATE
PROUDLY PRESENTED TO

Manikandan G

Variability and factors affecting the interpretation of
Concrete Strength

Jun 12, 2021

Date of Completion

UltraTech Cement Ltd.

Organizer



Dr V Sreevidya, Professor and Mr Manikandan G, Asst. Professor, Dept. of Civil Engineering, attended a webinar on “**Variability and Factors Affecting the Interpretation of Concrete Strength**” organised by UltraTech Cements on 12 June 2021.

CIVIL | WEBINAR ON NURTURE NATURE – SAVE GREEN AND BLUE FOR THE FUTURE



Mr T P A Aravind, Asst. Professor, Dept. of Civil Engineering, attended a webinar on **“Nurture Nature – Save Green and Blue for the Future”** organised by Stella Maris College, Chennai on 05 June 2021.

**CIVIL | WEBINAR ON SUSTAINABILITY,
 ECO-CENTRIC CONCERNS**


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Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of USC Act, 1956
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FORCE
FORUM OF CIVIL ENGINEERING


WORLD ENVIRONMENT DAY


REIMAGINE RECREATE RESTORE
#ReimagineRestore

Department of Civil Engineering, Presidency University
Certificate of Participation
 This is to certify that
Dr. SREEVIDYA.V
 from
SRI KRISHNA COLLEGE OF TECHNOLOGY
 has participated in a webinar on "Sustainability: Eco-Centric Concerns", delivered by
Dr. Jagdish H Godihal, Professor, Department of Civil Engineering, Presidency University, Bangalore,
 on 7th June 2021, organised by the Department of Civil Engineering and the FORCE - Forum of Civil Engineering of Presidency University as a part of World Environment Day celebrations.

PU-CIV-FORCE-9050


Dr. Nakul Ramanna
 Head
 Department of Civil Engineering


Dr. S B Anadinni
 Associate Dean, SoE


Dr. Abdul Sharief
 Dean, SOE


Dr. A M Surendra Kumar
 Pro-Vice Chancellor
 and Controller of Examinations

Dr V Sreevidya, Professor, Dept. of Civil Engineering, attended a webinar on “**Sustainability Eco-Centric Concerns**” organised by Presidency University 07 June 2021.

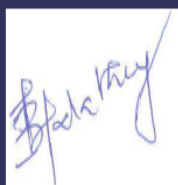
**CIVIL | WEBINAR ON AR AND VR FOR CIVIL
ENGINEERING APPLICATIONS**SONA COLLEGE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE ID: SCT-CI-WEB-004

WEBINAR ON "AR AND VR FOR CIVIL ENGINEERING APPLICATIONS"

Dr.SREEVIDYA.V, PROFESSOR, Sri Krishna College of Technology

has successfully attended the webinar titled above, conducted by Department of Civil Engineering, Sona College of Technology on 04.06.2021. Hope the learning outcomes of the webinar will enable to understand the concept AR and VR and its applications in Civil Engineering.



Dr.R.Malathy

HoD/Civil



Dr.S.R.R.Senthil Kumar

Principal

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Dr V Sreevidya, Professor, Dept. of Civil Engineering, attended a webinar on "**AR and VR for Civil Engineering Applications**" organised by Sona College of Technology, Salem on 04 June 2021.

CIVIL | WEBINAR ON UNSYMMETRICAL BENDING OF BEAMS



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INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

CERTIFICATE OF PARTICIPATION

This is to certify that

RAMESH R

attended the

**WEBINAR- UNSYMMETRICAL BENDING OF BEAMS :
STRENGTH OF MATERIALS II**

ON
17-06-2021

G. Saranraj
Mr. G. Saranraj
Vice Principal

K. Baghirathi
Dr. K. Baghirathi
Dean Academic

P. Malathi
Dr. P. Malathi
Principal

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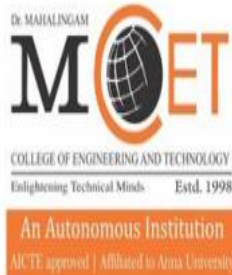
Mr R Ramesh, Asst. Professor, Dept. of Civil Engineering, attended a webinar on “**Unsymmetrical Bending of Beams**” organised by Dhanalakshmi Srinivasan College of Engineering, Coimbatore on 17 June 2021.

CIVIL | WEBINAR ON WORLD OCEAN DAY



Mr R Ramesh, Asst. Professor, Dept. of Civil Engineering, attended a webinar on "World Ocean Day" organised by Easwari Engineering College, Chennai during 07-09 June 2021.

ICE | WEBINAR ON CYBER SECURITY FORENSICS AND INCIDENT RESPONSE



Dr. MAHALINGAM
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Department of Electronics and Communication Engineering

Certificate of Participation

This is to certify that **Mr. Dilip Kumar S** of **Sri Krishna College of Technology** has actively participated in the online webinar titled “Cyber Security Forensics and Incident Response” held on 15.06.2021

Convener

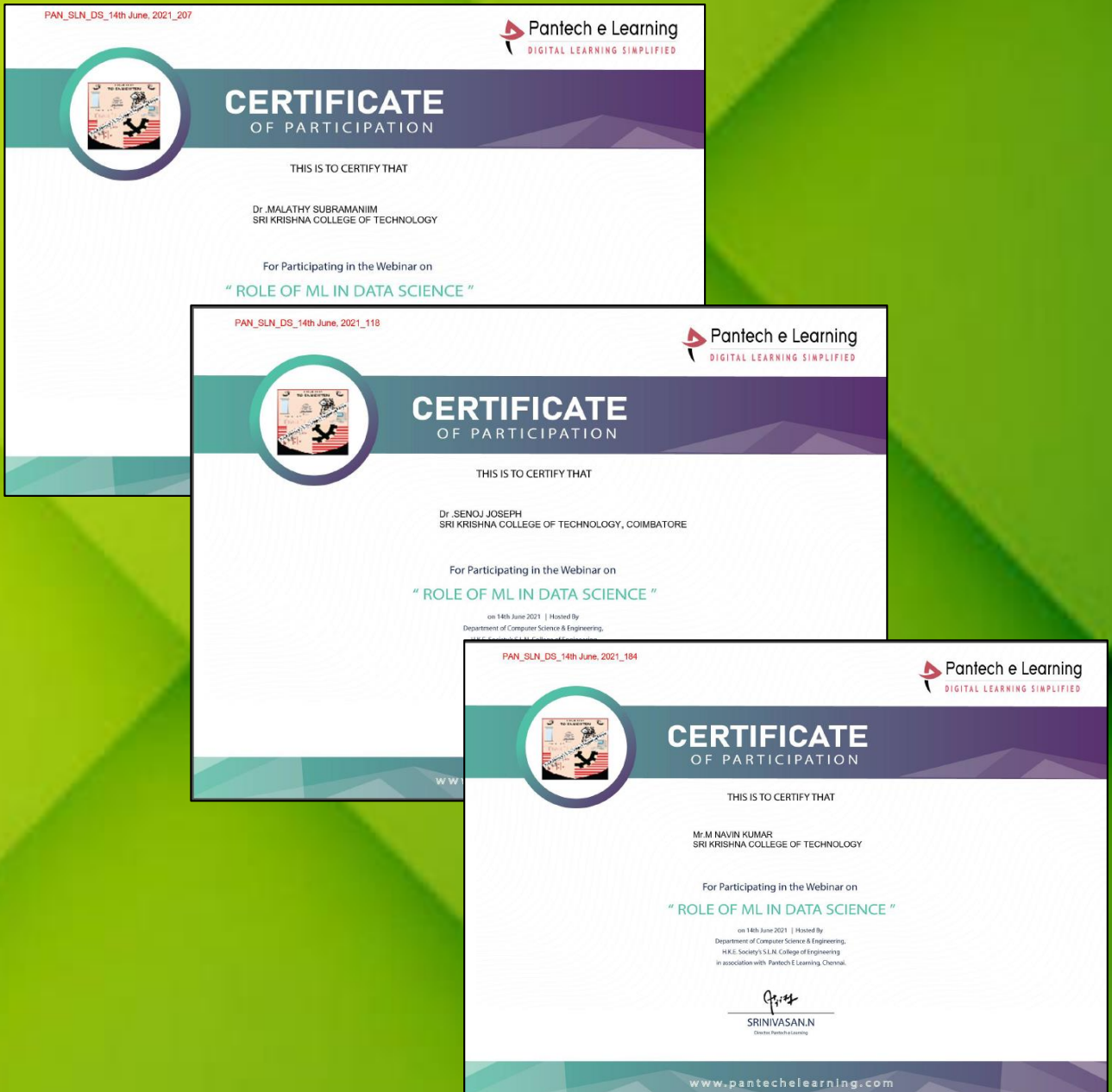
Dr. R. Sudhakar

Principal

Dr. A. Rathinavelu

Mr Dilip Kumar S, Asst Professor, Dept. of ICE, attended a webinar on “**Cyber Security Forensics and Incident Response**” on 15 June 2021.

ECE | WEBINAR ON ROLE OF ML IN DATA SCIENCE



Dr S Malathy, Professor, Dr Senoj Joseph, Assoc. Professor and Mr M Navin Kumar, Asst. Professor, Dept. of ECE, attended a webinar on **“Role of ML in Data Science”** organised by H K E Society’s S L N College of Engineering, Raichur on 14 June 2021.

MECH | WEBINAR ON AWARENESS OF NEAT SCHEME AND INTERNSHIP



Students of Third B.E. Mechanical Engineering attended a webinar on “Awareness of NEAT Scheme and Internship” facilitated by Mr M Poonia Vice Chairman, AICTE on 16 June 2021.

ECE | WEBINAR ON HIGHER EDUCATION AVENUES
IN ENGINEERING IN FRANCE

Welcome for Webinar Series 2021

Guiding Students to Select Meaningful Projects to be Industry Ready

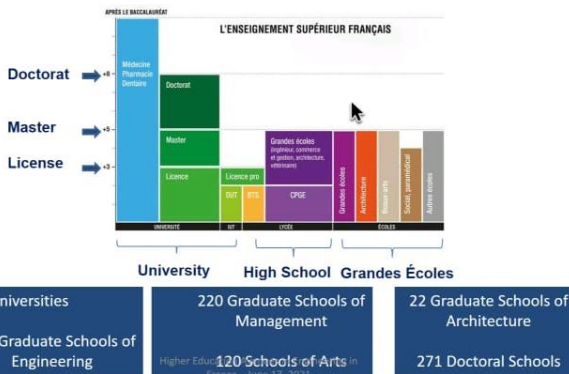


Higher Education
Avenues in
Engineering in France

The Session Starts at
4:30 PM IST



Higher Education in France - Panorama



STUDENT BENEFITS IN FRANCE

- Govt. reimburses up to 30% of rent (CAF)
- Student housing support (CROUS)
- Work part time (up to 19.5 hours while studying)
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No discrimination between French and foreign students
Or Heavily subsidized tuition fees and housing for Foreign Students
1/3rd of tuition paid by the student, the rest sponsored by the Govt.

Mr M Navin Kumar, Asst. Professor, Coordinator of Higher Education Cell, Dept. of ECE and Students of B.E. ECE, attended a webinar on “Higher Education Avenues in Engineering in France” organised by Dassault Systemes on 17 June 2021.

ECE | WEBINAR ON WIRELESS SENSOR NETWORK DESIGN AND VALIDATION



Ms B Priyanka, Asst. Professor, Dept. of ECE, attended a webinar on **"Wireless Sensor Network Design and Validation"** organised by SNM Institute of Management and Technology, Maliankara on 14 June 2021.

ECE | WEBINAR ON ENTREPRENEURSHIP DEVELOPMENT

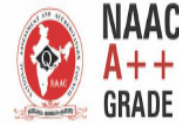
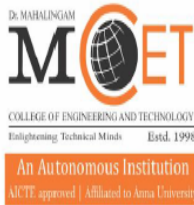


Dr R Vadivelu, Assoc. Professor, Dept. of ECE, attended a webinar on **"Entrepreneurship Development"** organised by AMET Deemed to be University, Chennai on 17 June 2021.

ECE | WEBINAR ON DESIGN AND SIMULATION OF MICROSTRIP ANTENNA WITH RF COMPONENTS AND CONNECTORS USING PATHWAVE ADS



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Arutchelvar, Dr. N. Mahalingam
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This is to certify that **Ms.B.PRIYANKA** , **Assistant Professor** of

Sri Krishna College of Technology

has participated in Webinar on **“Design and Simulation of Microstrip Antenna with RF Components and connectors using Pathwave ADS”** Conducted by Department of Electronics and Communication Engineering, Dr. Mahalingam College of Engineering and Technology, Pollachi on 16th June 2021.

Convener
Dr. R. Sudhakar
Professor & Head/ ECE

Patron
Dr. A. Rathinavelu
Principal

Ms B Priyanka, Asst. Professor, Dept. of ECE, attended a webinar on **“Design and Simulation of Microstrip Antenna with RF Components and Connectors using Pathwave ADS”** organised by Dr Mahalingam College of Engineering and Technology, Pollachi on 16 June 2021.

CSE | WEBINAR ON REGRESSION ANALYSIS USING DEEP LEARNING - A PRACTICAL WALKTHROUGH IN PYTHON WITH TENSOR FLOW



Ms A Sunitha Nandhini and Ms M Kavitha Margret, Asst. Professors, Dept. of CSE, attended a webinar on "**Regression Analysis using Deep Learning - A Practical Walkthrough in Python with Tensor Flow**" organised by PSG Institute of Technology and Applied Research, Coimbatore on 12 June 2021.

FDPs ATTENDED



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IT | ATAL FDP ON NEXT GENERATION DATABASES



No:ATAL/2021/1620378373

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AICTE Training And Learning (ATAL) Academy

Certificate

This is certified that **A.CHRISTY JEBA MALAR**, Associate Professor of Sri Krishna College of Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP on "Online FDP on Next Generation Databases"** from 2021-06-01 to 2021-06-05 at Bhilai Institute of Technology, Durg.

Director ATAL Academies

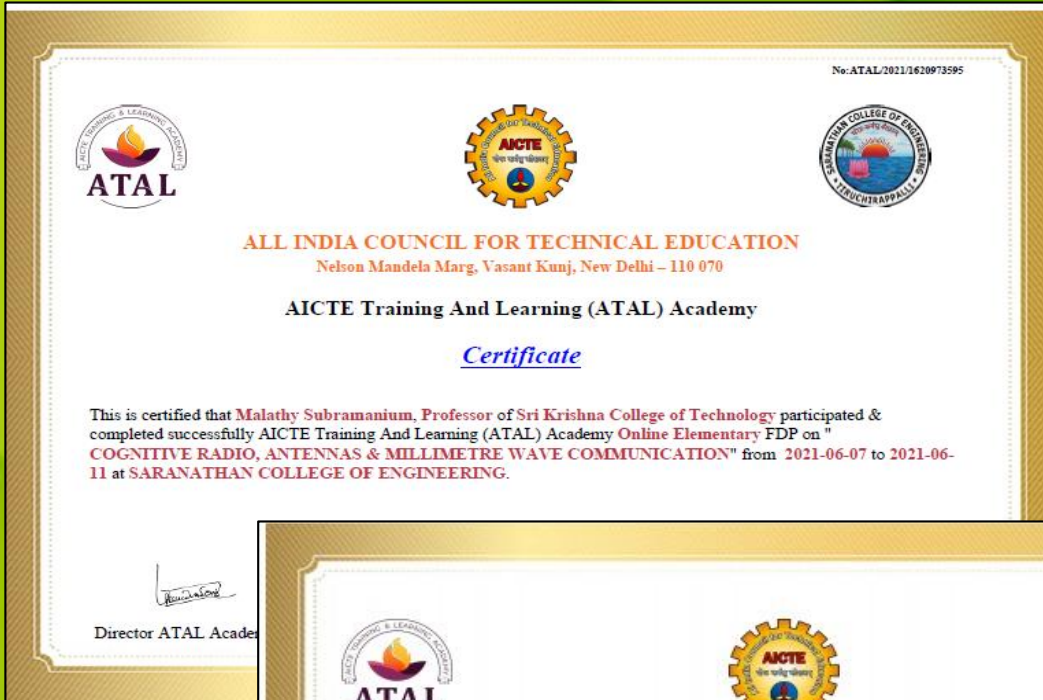


Coordinator



Dr A Christy Jeba Malar, Assoc. Professor, Dept. of IT, attended the AICTE ATAL Academy online FDP on “**Next Generation Databases**” organised by Bhilai Institute of Technology, Durg during 01-05 June 2021.

ECE | ATAL FDP COGNITIVE RADIO, ANTENNAS & MILLIMETRE WAVE -COMMUNICATION



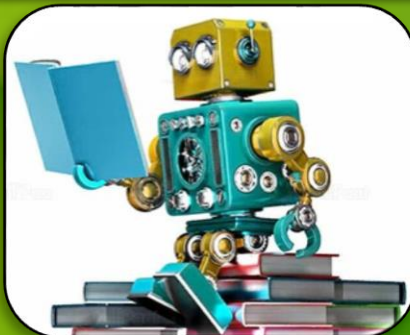
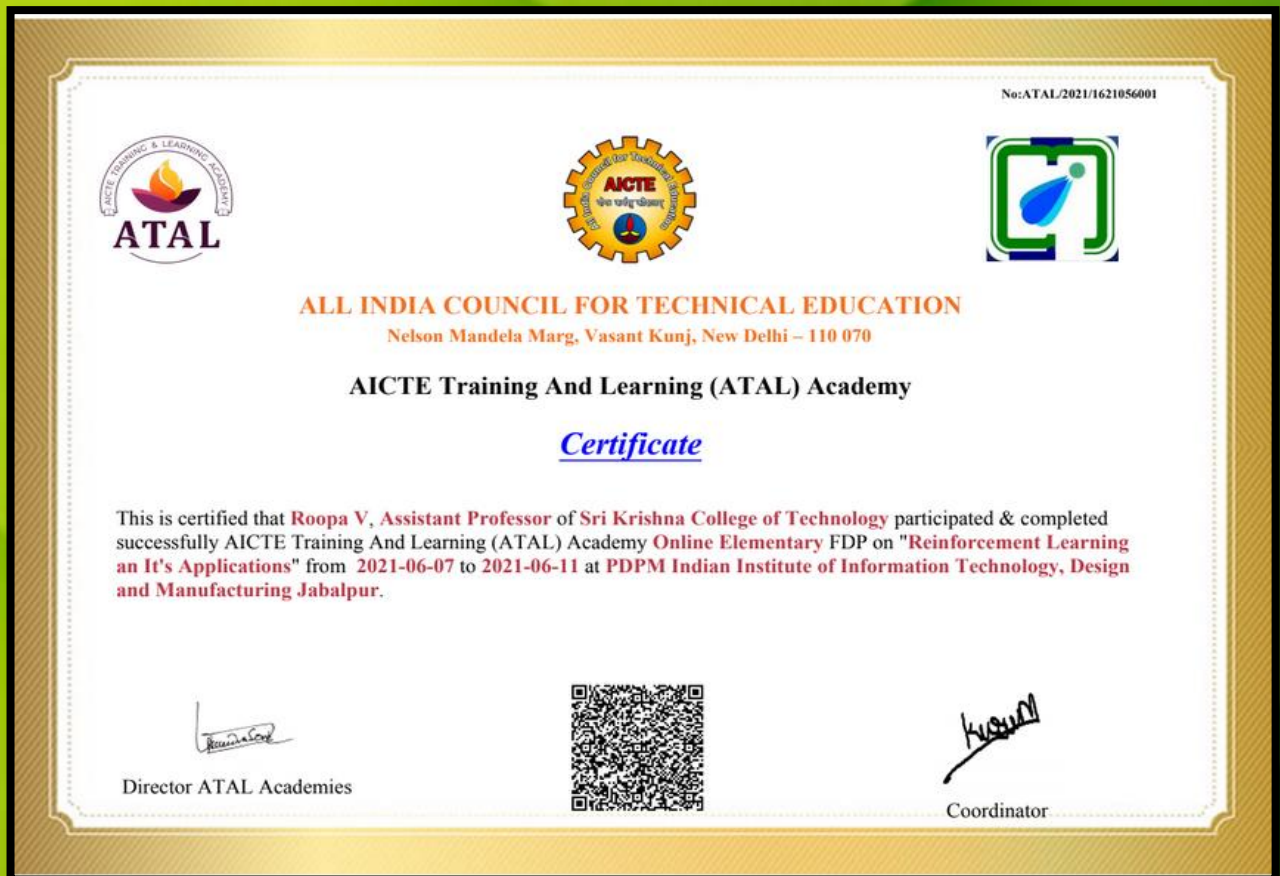
Dr S Malathy and Dr K Sumathi, Professors, Dept. of ECE, attended the ATAL FDP on "**Cognitive Radio, Antennas & Millimetre Wave - Communication**" organised by Saranathan College of Engineering, Trichy during 07-11 June 2021.

CSE | ATAL FDP ON EMBEDDING AI IN SMART SENSORS



Dr M Deva Priya, Assoc. Professor and Ms P Anantha Prabha, Asst. Professor, Dept. of CSE, attended the ATAL online Faculty Development Programme on "**Embedding AI in Smart Sensors**" organised by Sri Ramakrishna Engineering College, Coimbatore during 07-11 June 2021.

IT | ATAL FDP ON REINFORCEMENT LEARNING AND ITS APPLICATIONS



Ms V Roopa, Asst. Professor, Dept. of IT, completed the AICTE ATAL Academy online FDP on “**Reinforcement Learning and its Applications**” organised by PDPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur during 07-11 June 2021.

CSE | ATAL FDP ON EMERGING TRENDS IN INTERNET OF THINGS



Ms S Kiruthika, Asst. Professor, Dept. of CSE, attended the ATAL online Faculty Development Programme on "**Emerging Trends in Internet of Things**" organised by Acropolis Institute of Technology and Research, Madhya Pradesh during 07-11 June 2021.

ECE | FDP ON RESEARCH FUNDING PROJECTS & IPR

Dr S Preethi, Asst. Professor, Dept. of ECE, attended an FDP on "**Research Funding Projects & IPR**" organised by K C College of Engineering and Management Studies & Research, Thane during 07-09 June 2021.



SoM | FDP ON DATA SCIENCE & BUSINESS ANALYTICS



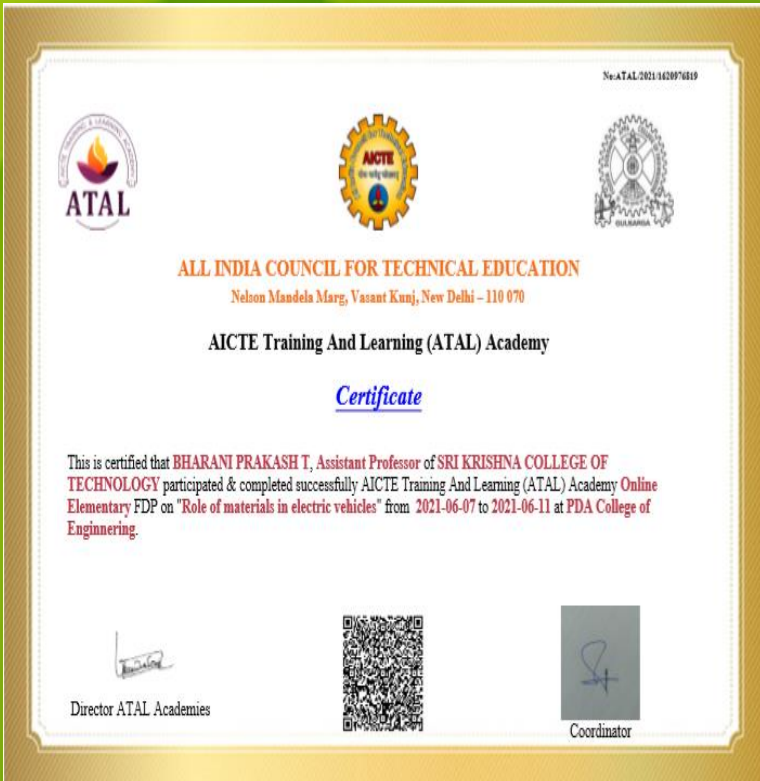
Dr A Jafarsadhiq, Assoc. Professor and Mr R Saravanan, Asst Professor, School of Management, attended a One-week Faculty Development Programme on **"Data science & Business Analytics"** organised by Sai Ram Institute of Technology, Chennai during 18-24 May 2021.

CIVIL | ATAL FDP ON INTERNET OF THINGS



Ms Dharshana S, Asst. Professor, Dept. of Civil Engineering, attended the ATAL FDP on “Internet of Things” organised by University of Jammu during 01-05 June 2021.

EEE | ATAL FDP ON ROLE OF MATERIALS IN ELECTRIC VEHICLES



Mr T Bharani Prakash, Asst. Professor, Dept. of EEE, attended a Five-day ATAL online elementary FDP on “Role of Materials in Electric Vehicles” organised by PDA College of Engineering, Chennai during 07-11 June 2021.

ECE | ATAL FDP ON QUANTUM COMPUTING AND QUANTUM CRYPTOGRAPHY



Ms S Thenmozhi, Asst. Professor, Dept. of ECE, attended the ATAL FDP on "Quantum Computing and Quantum Cryptography" organised by National Institute of Technology, Karnataka during 07-11 June 2021.

CSE | ATAL FDP ON ARTIFICIAL INTELLIGENCE



Ms M S Sruthi, Asst. Professor, Dept. of CSE, attended a 5-day ATAL Faculty Development Programme on **“Artificial Intelligence”** organised by the LNM Institute of Information Technology, Rajasthan during 07-11 June 2021

EEE | FDP ON ROLE OF INCORPORATING UNIVERSAL HUMAN VALUES IN EDUCATION

F.No AICTE/FDP-SI/OnlineWorkshop/201/68141



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that Mr. Bharani Prakash T from Sri Krishna College of Technology, Coimbatore has participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 31 May, 2021 to 4 June, 2021.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

Mr T Bharani Prakash, Asst. Professor, Dept. of EEE, attended a Five-day Faculty Development Programme on "**Incorporating Universal Human Values in Education**" organised by the AICTE, New Delhi during 31 May-04 June 2021.

EEE | FDP ON RECENT TRENDS AND RESEARCH PERSPECTIVE ON ENERGY & POWER SYSTEM



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IET The Institution of
Engineering and Technology



Certificate of Participation

This is to certify that Abirami of Sri Krishna college of technology has participated in the five days COVID relief fund FDP on "Recent trends and research perspective on energy and power system" organized by Department of Electrical and Electronics Engineering conducted from 31.05.2021 to 04.06.2021.

Convener
Dr.A.Bhuvanesh M.Tech, Ph.D

Principal
Dr.V.Manikandan M.E., Ph.D



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Melaihediyoor, Tirunelveli - 627 152.

IET The Institution of
Engineering and Technology



Certificate of Participation

This is to certify that Dr. Santhosh P of Sri Krishna College of Technology has participated in the five days COVID relief fund FDP on "Recent trends and research perspective on energy and power system" organized by Department of Electrical and Electronics Engineering conducted from 31.05.2021 to 04.06.2021.

Convener
Dr.A.Bhuvanesh M.Tech, Ph.D

Principal
Dr.V.Manikandan M.E., Ph.D

Dr Santhosh P and Ms S Abirami, Asst. Professors, Dept. of EEE, attended a Five-day COVID Relief Fund FDP on "**Recent Trends and Research Perspective on Energy & Power System**" organised by PSN College of Engineering and Technology, Chennai during 31 May-04 June 2021.

EEE | FDP ON ARTIFICIAL INTELLIGENCE



“Empowerment Through Quality Technical Education”

Dr. D Y Patil School of Engineering

Dr. D Y Patil Knowledge City, Charholi(Bk), Via Lohegaon, Pune-412105

Department of Electronics and Telecommunication Engineering

Certificate of Participation

This is to certify that **Manimegalai V**

from **Sri Krishna College of Technology**

has successfully completed one week online Faculty Development Program on “Artificial Intelligence” organized by department of Electronics and Telecommunication Engineering and Internal Quality Assurance Cell (IQAC) of Dr. D Y Patil School of Engineering from 24th May 2021 to 28th May 2021.

Dr. Saniya Ansari
(Coordinator)

Dr. Sanjay Koli
(HoD)

Dr. Ashok Kasnale
(Principal)

Ms V Manimegalai, Asst. Professor, Dept. of EEE, attended a One-week FDP on “**Artificial Intelligence**” organised by Dr D Y Patil School of Engineering, Pune during 24-28 May 2021.

EEE | FDP ON IMPACT OF CONTROLLERS IN POWER ELECTRONICS CONVERTER FOR ELECTRIC VEHICLES



Dr. N.G.P. INSTITUTE OF TECHNOLOGY



Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Recognized by UGC & Accredited by NAAC and NBA (BME, CSE, ECE, EEE and Mechanical)
Dr.N.G.P. Nagar, Kalapatti Road, Coimbatore, Tamil Nadu 641 048.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PARTICIPATION CERTIFICATE

Date: 03 / 06 / 2021

This is to certify that Dr. Santhosh P of Sri Krishna College of Technology has actively participated in Three Days Faculty Development Programme on “Impact of Controllers in Power Electronics Converter for Electric Vehicles” from 01.06.2021 to 03.06.2021 jointly organized by Department of Electrical and Electronics Engineering and Association of Electrical and Electronics Engineers, Dr.N.G.P.Institute of Technology, Coimbatore, TamilNadu, India

K. Ramah Kumar
Coordinator

[Signature]
HOD

[Signature]
Principal

Dr Santhosh P, Asst. Professor, Dept. of EEE, attended a Three-day FDP on “Impact of Controllers in Power Electronics Converter for Electric Vehicles” organised by Dr N G P Institute of Technology, Coimbatore during 01-03 June 2021.

RESEARCH



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EEE | PAPER PUBLICATION | TAYLOR AND FRANCIS



International Journal of Ambient Energy

ISSN: (Print) (Online) Journal homepage: <https://www.tandfonline.com/loi/taen20>

A method for broken bar fault diagnosis in three phase induction motor drive system using Artificial Neural Networks


R. Senthil Kumar, I. Gerald Christopher Raj, K. P. Suresh, P. Leninpugalhanthi, M. Suresh, Hitesh Panchal, R. Meenakumari & Kishor Kumar Sadasivuni

To cite this article: R. Senthil Kumar, I. Gerald Christopher Raj, K. P. Suresh, P. Leninpugalhanthi, M. Suresh, Hitesh Panchal, R. Meenakumari & Kishor Kumar Sadasivuni (2021): A method for broken bar fault diagnosis in three phase induction motor drive system using Artificial Neural Networks, International Journal of Ambient Energy, DOI: [10.1080/01430750.2021.1934117](https://doi.org/10.1080/01430750.2021.1934117)

To link to this article: <https://doi.org/10.1080/01430750.2021.1934117>

Dr R Senthil Kumar, Dr K P Suresh and Mr P Lenin Pugalhanthi, Asst. Professors, Dept. of EEE, published a paper on “**A Method for Broken Bar Fault Diagnosis in Three Phase Induction Motor Drive Using Artificial Neural Networks**” in an International Journal of Ambient Energy.


MECH | PAPER PUBLICATION | SCOPUS



Contents lists available at [ScienceDirect](#)

Materials Today: Proceedings

journal homepage: www.elsevier.com/locate/matpr



Investigations on GTAW and FSW of Al6061-ZrB₂-Fly ash hybrid metal matrix composites

D. Emmanuel Sam Franklin ^{a,*}, S.J. Vijay ^a, S. Mohanasundaram ^a, R. Nelson ^b, D.J. Hiran Gabriel ^c

^aDepartment of Mechanical Engineering, Karunya Institute of Technology and Sciences, Coimbatore, Tamil Nadu, India
^bDepartment of Mechanical Engineering, Sri Krishna College of Technology, Coimbatore, Tamil Nadu, India
^cDepartment of Mechanical Engineering, PSG College of Technology and Sciences, Coimbatore, Tamil Nadu, India

ARTICLE INFO

Article history:
Received 15 August 2020
Received in revised form 5 May 2021
Accepted 7 May 2021
Available online xxx

Keywords:
Hybrid metal matrix composite
Gas Tungsten Arc Welding (GTAW)
Friction Stir Welding (FSW)
Mechanical properties
Metallurgical characterization

ABSTRACT

Various hard ceramic particles, carbonaceous, organic, fibers, and other materials are used to reinforce aluminum alloys. These composites, identified as aluminum metal matrix composites possess low density, high strength, low thermal expansion, and strong structural rigidity. In this research work, a comparison of the traditional fusion welding method (GTAW) and Friction Stir Welding (FSW) in joining such composites is carried out. Suitable parameters for the welding process are estimated to join Al6061-ZrB₂-fly ash composites. The mechanical or physical properties of the parent metal and weldments, such as tensile strength and hardness, are investigated. In addition, their microstructure correlations are also evaluated. It is found that the physical properties of the parent metal have improved as a result of the variations in the reinforcements. At the higher percentage of the reinforcement, the properties have deteriorated due to the excess slag accumulation. The fusion welding process yielded better mechanical properties than the solid-state welding system in the comparative analysis. This is attributed to the efficiency of the fusion welding process for joining composites of this kind. Despite the fact that the solid-state welding process produced better microstructures in the weld region, particle segregation occurred, lowering the properties. Unlike other studies, the microstructure of the fusion-welded samples here has greater integrity and less particle segregation. Grain refining has also occurred, resulting in improved mechanical properties.

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Mr R Nelson, Asst. Professor, Dept. of Mechanical Engineering, published a paper on **“Investigations of GTAW and FSW of Al6061-ZrB₂-Fly Ash Hybrid Metal Matrix Composites”** in a Journal in Materials Today: Proceedings.

MEETINGS & DISCUSSIONS



@skctdigest

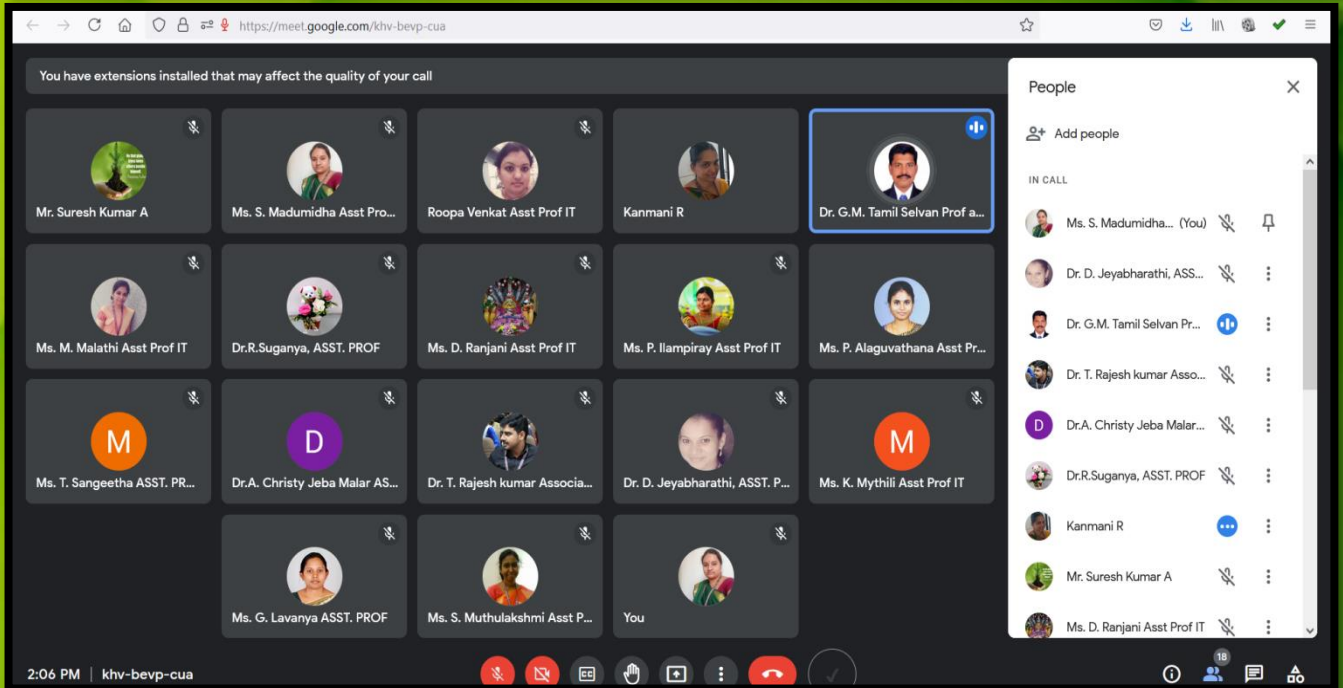
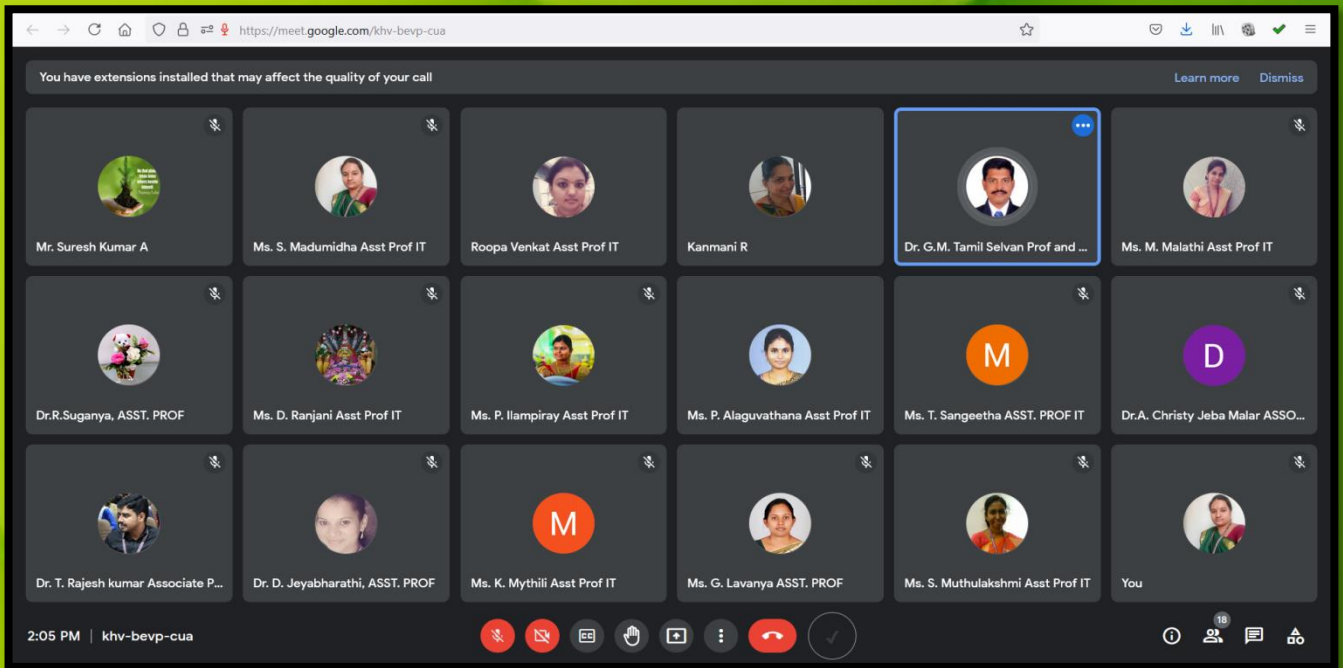


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IT | DEPARTMENT MEETING



Dr G M Tamilselvan, Professor and Head Incharge, Dept. of IT, conducted a meeting with the Members of Faculty regarding Online Classes, Research Activities and Placement Training on 11 June 2021.

ECE | DEPARTMENT MEETING

4:06 PM | khv-bevp-cua

People

Add people

IN CALL

- Ms Dhivya Priya E L... (You)
- Dr. Senoj Joseph
- Dr. G Anitha , Asst. Prof.
- Dr. G.M. Tamil Selvan Prof ...
- Dr. K. Srinivasan Associat...
- Dr. R. Vadivelu, ASSO. PROF
- Dr. S. Preethi Asst Prof ECE

4:07 PM | khv-bevp-cua

People

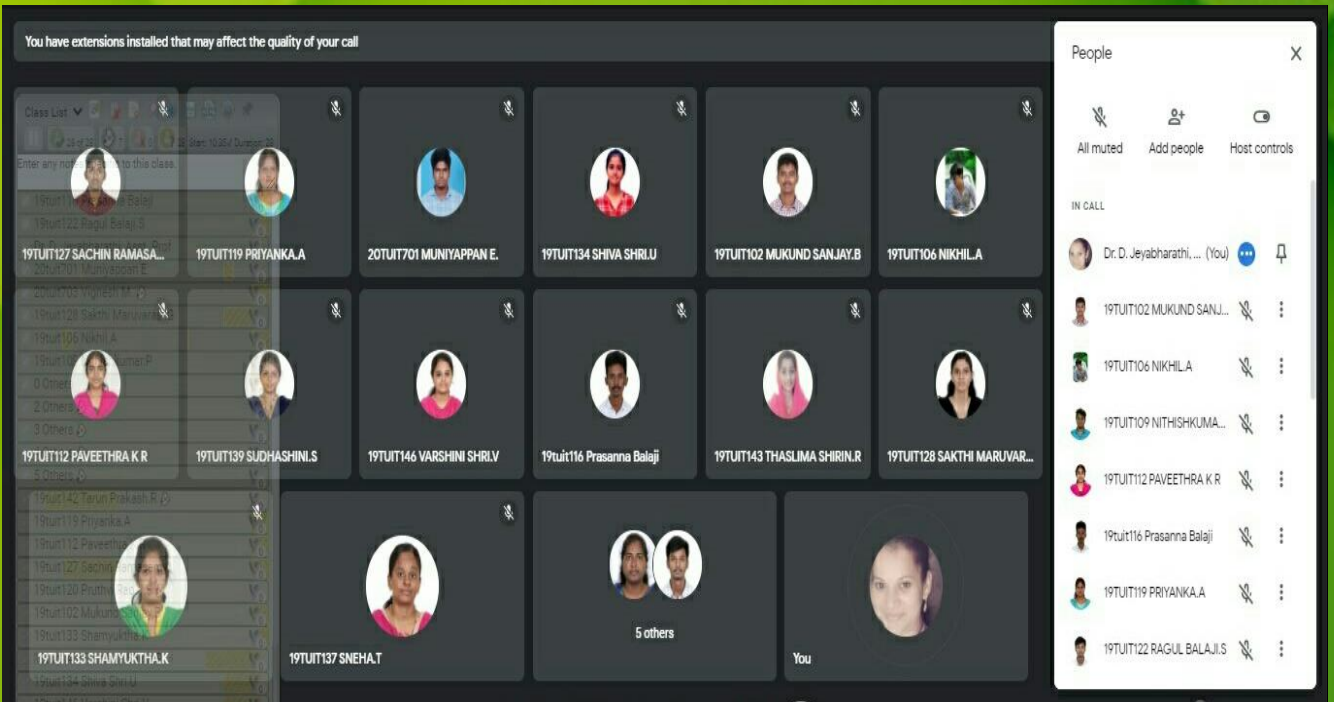
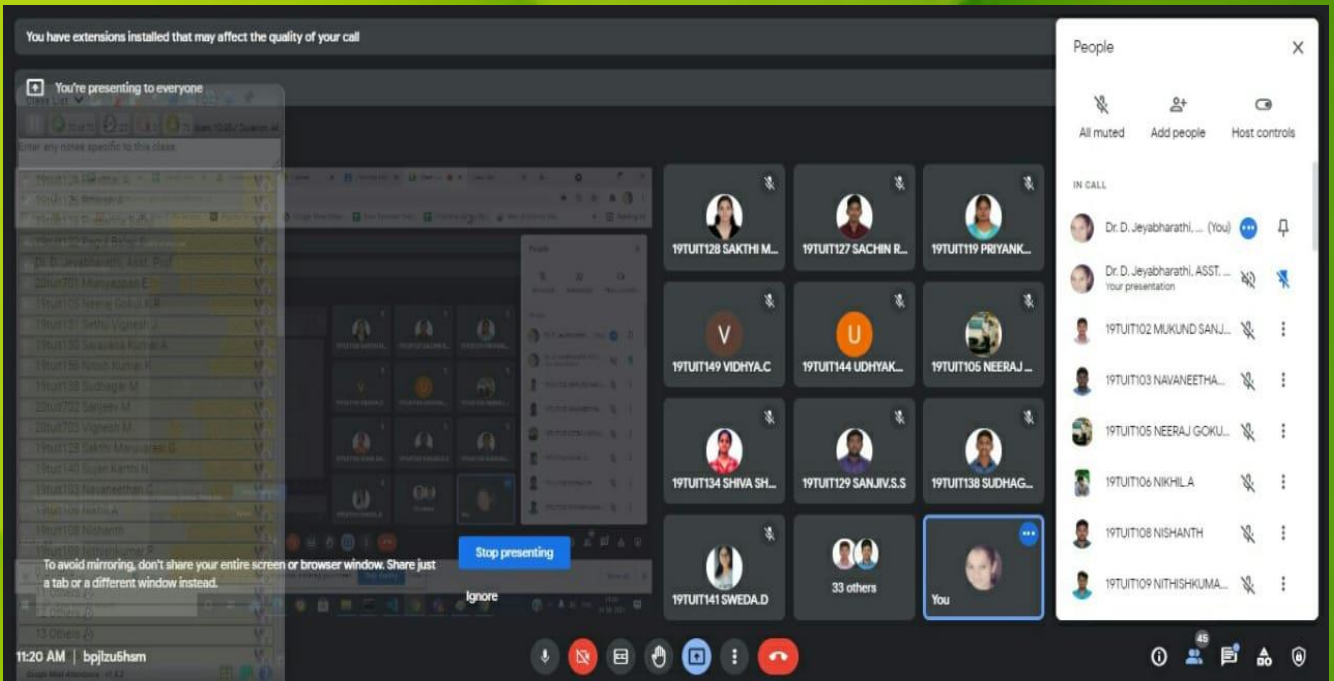
Add people

IN CALL

- Ms Dhivya Priya E L... (You)
- Dr. Senoj Joseph
- Dr. G Anitha , Asst. Prof.
- Dr. G.M. Tamil Selvan Prof ...
- Dr. K. Srinivasan Associat...
- Dr. R. Vadivelu, ASSO. PROF
- Dr. S. Preethi Asst Prof ECE

Dr G M Tamil Selvan, Professor and Head, Dept. of ECE, conducted a meeting with the Members of Faculty regarding 2021-22 Odd Semester Preparation, Students Project Contest, Faculty Research Activities and Placement Training on 16 June 2021.

IT | TUTOR WARD MEETING



Dr D Jeyabharathi and Ms S Sangeetha, Asst. Professors, Dept. of IT, conducted a **“Tutor Ward Meeting”** with their respective wards on 14 June 2021.

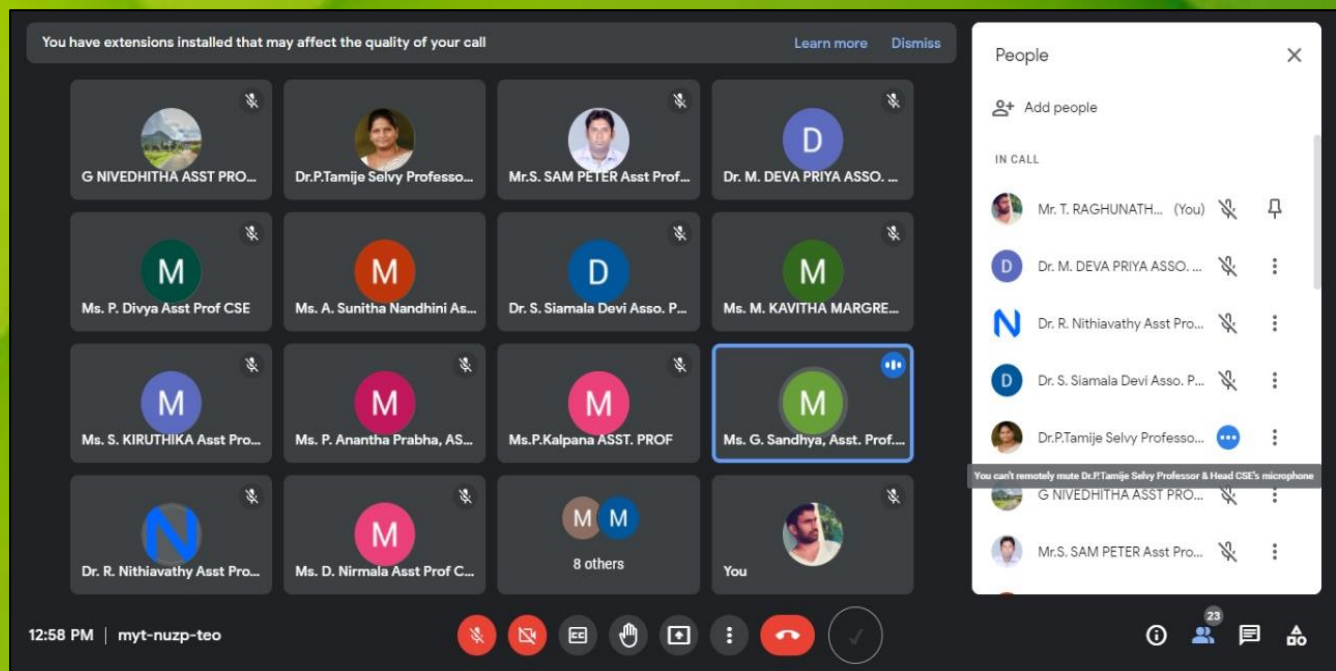
IT | TUTOR WARD MEETING

The screenshot shows a Google Meet session titled "sty-byuk-rbb" at 1:41 PM. The interface includes a grid of video thumbnails for participants and a "People" sidebar on the right. The sidebar lists 19 participants, with "Ms. K. Mythili Asst P... (You)" at the top. The meeting is currently in progress, as indicated by the "IN CALL" status and the active participant list.

This is a close-up view of the "People" sidebar from the Google Meet interface. It displays a list of 19 participants in the call. The top participant is "Ms. K. Mythili Asst P... (You)", who is currently speaking. Below her are several other participants, each with a unique ID and a mute icon. The sidebar also includes an "Add people" button and a notification for "web.whatsapp.com".

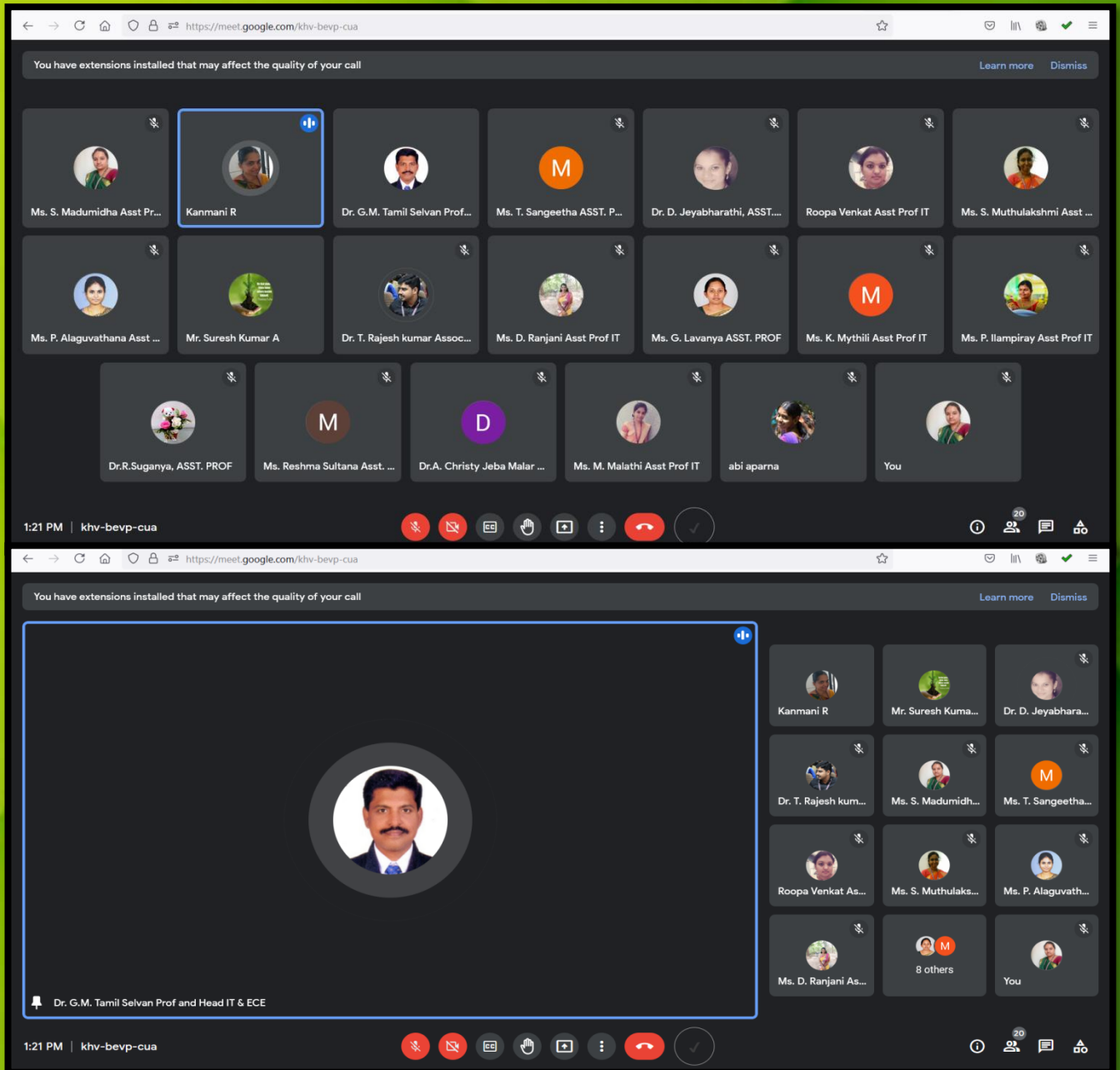
Ms K Mythili, Asst. Professor, Dept. of IT, conducted a **“Tutor Ward Meeting”** with their respective wards on 14 June 2021.

CSE | DEPARTMENT MEETING



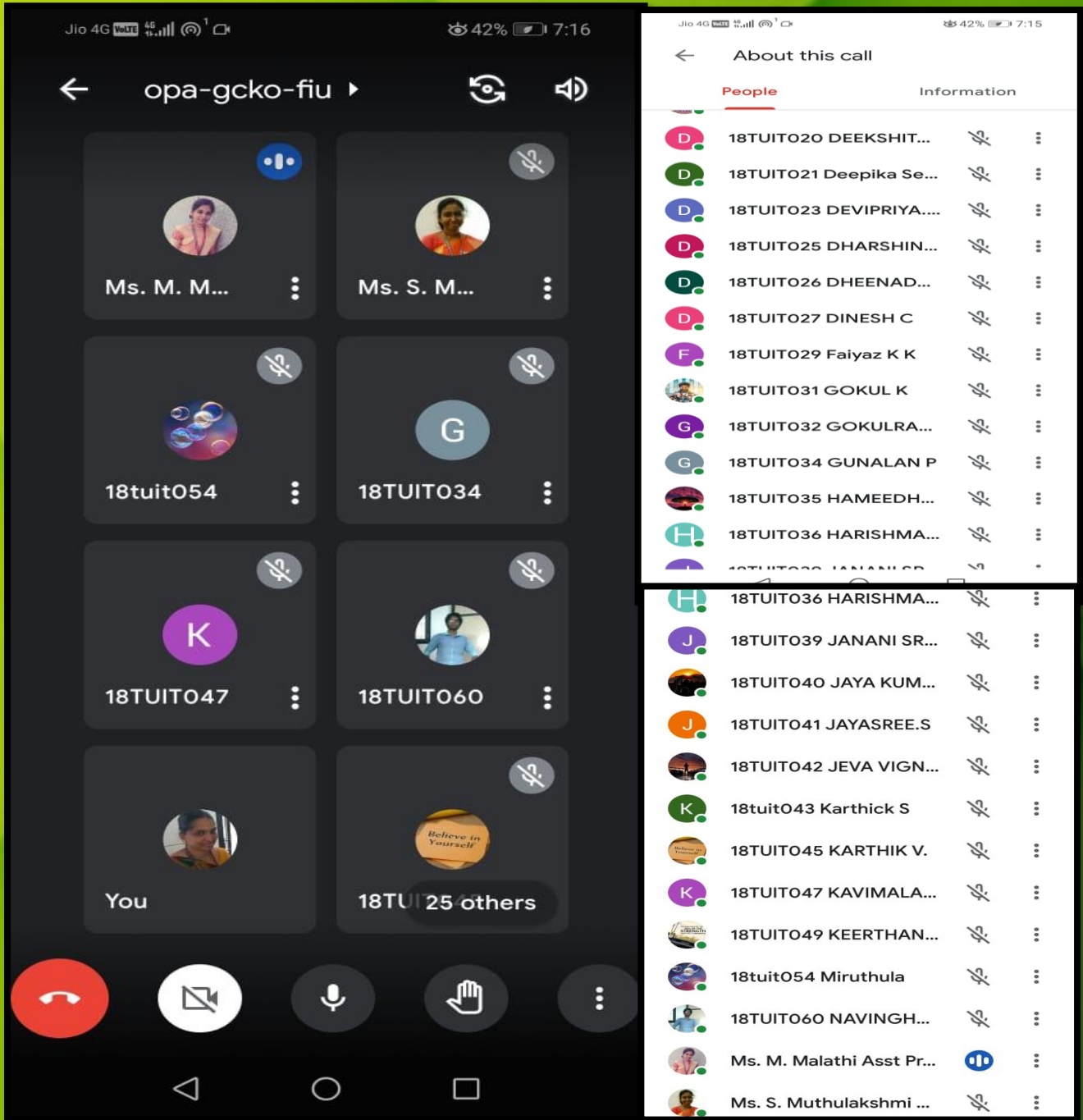
Dr P Tamije Selvy, Professor and Head, Dept. of CSE, conducted a meeting with the Members of Faculty regarding the Progress of Academics and Placement Activities on 18 June 2021.

IT | DEPARTMENT MEETING



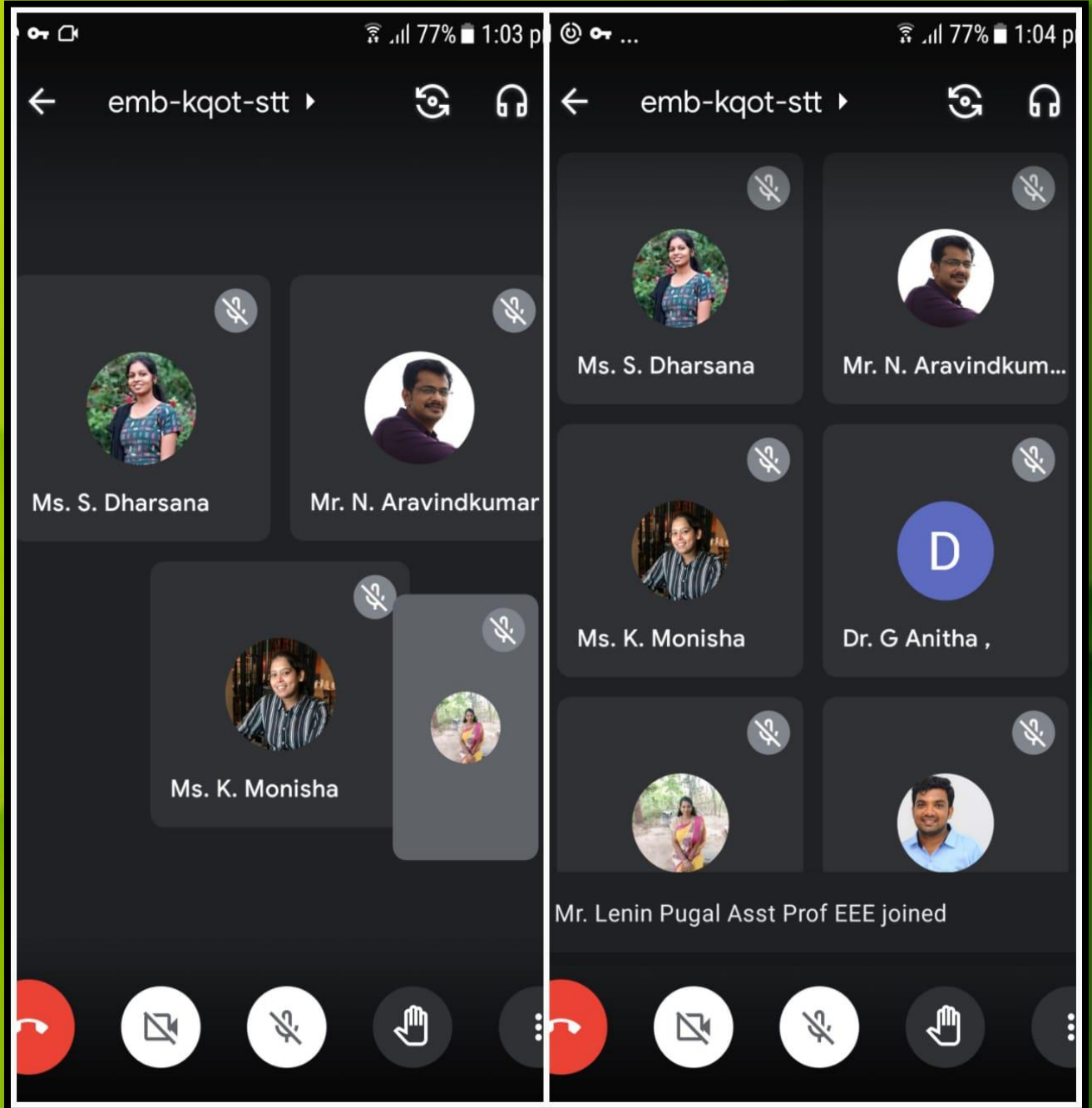
Dr G M Tamilselvan, Professor and Head Incharge, Dept. of IT, conducted a meeting with the Members of Faculty regarding Research Activities, Placement Training, Faculty Progress and Student Activities on 17 June 2021.

IT | TUTOR WARD MEETING



Dr R Kanmani, Assoc. Professor, Ms M Malathi and Ms S Muthulakshmi, Asst. Professors, Dept. of IT, conducted a **“Tutor Ward Meeting”** with their respective wards on 16 June 2021.

SOCIAL MEDIA | MEETING



Ms D Ranjani, Asst. Professor, Dept. of IT, conducted a meeting with the Dept. Coordinators of Social Media on 17 June 2021.

EVENTS ORGANISED



@skctdigest



@skctofficial



digestfeedback@skct.edu.in

MECH | EVENT ORGANISED | VIRTUAL INTERNSHIP IN ASSOCIATION WITH ROOTS INDUSTRIES



DIE CASTING DEFECTS

External defects

➤ Crack

Cause :

Cracks due to shrinkage, casting being stretched in the die, mechanical stress at the die opening or from trimming.

Corrections :



QUESTIONS

- Gas porosity mostly occurs in _____ Casting process.
a. HPDC b. GDC
- Shrinkage porosity mostly occurs in _____ Casting process.
a. HPDC b. GDC
- While cutting runners and gate _____ porosity occurs.
a. Edge b. Gas c. Shrinkage

Talent Development Centre

SM/SP/00

27



DIE CASTING DEFECTS & REMEDIES

Defects in the manufactured part not to meet its intended or designed service performance.

The defects must be categorized

- By defect type
- By part number
- By die
- By shift
- By operator
- By machine

Talent Development Centre

SM/SP/00

11



DYE PENETRANT INSPECTION

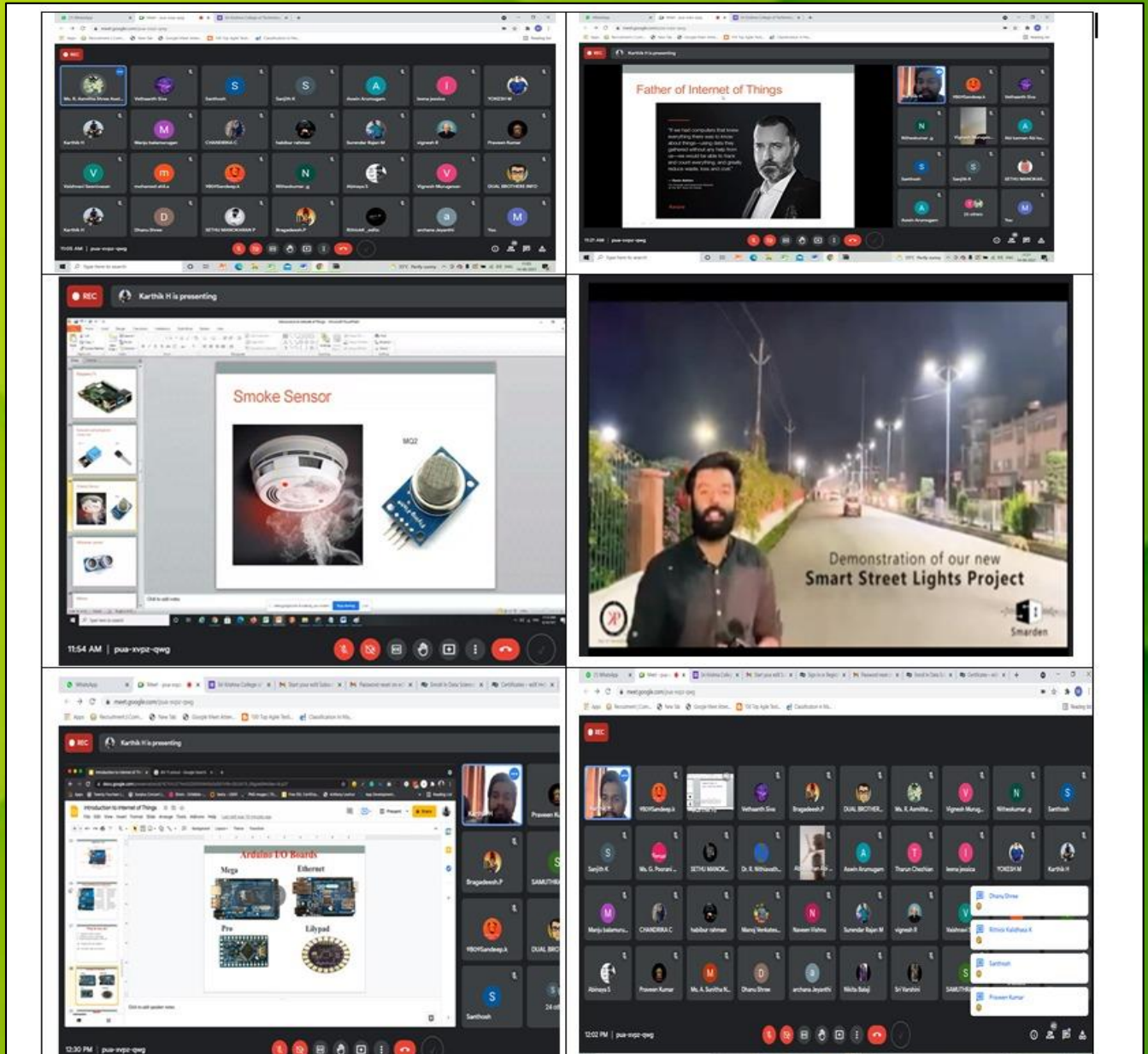
There are 6 steps to a dye penetrant inspection:

- Pre-cleaning
- Application of Penetrant
- Excess Penetrant Removal
- Application of Developer



The Dept. of Mechanical Engineering in association with Roots Industries (India) Limited has been organising a “**Virtual Internship Training.**” Students of Second B.E. Mechanical Engineering attended the Day 13 Session on 11 June 2021.

CSE | EVENT ORGANISED | TWO-DAY VIRTUAL SESSION ON SMART WORLD WITH IoT



The Dept. of CSE organised a Two-day Virtual Session on “**Smart World with IoT**” facilitated by Mr H Karthik, IoT Architect, Zed Digital, Chennai for the benefit of Higher Secondary School Students and Polytechnic Students on 14 June 2021.

SoM | EVENT ORGANISED | DESIGN THINKING WORKSHOP SESSION II

The top screenshot shows a Google Meet window with a presentation slide titled "Design Thinking @SKCET". The slide displays the Design Thinking process as a sequence of five hexagonal steps: EMPATHISE, DEFINE, IDEATE, PROTOTYPE, and TEST. The bottom screenshot shows a grid of participants' video thumbnails in a Google Meet session. The participants listed are: 19TUIC010 HARENI.R, 20TPMB143 VAISHNAVE P.J., 19TUME111 MAADHAVAN.V.P, Siddarth Kengadaran, 20TPMB050 MEGALA T., 19TUIC026 SRINATH.S, 20TPMB104 MUGILAN N., and 9 others. The time shown is 10:33 AM.

The School of Management in association with EDC & EDII Ahmedabad organised Session II of “**Design Thinking Workshop**” through Google Meet and Students from various departments participated in the programme on 12 June 2021.

ECE | EVENT ORGANISED | PANEL DISCUSSION ON ROLES OF ENGINEERING GRADUATES IN INDUSTRY 4.0



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(AFFILIATED TO ANNA UNIVERSITY AND APPROVED BY AICTE)
ACCREDITED BY NAAC - UGC
KOVAIPUDUR, COIMBATORE - 641042



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
AND
INSTITUTION'S INNOVATION COUNCIL
ORGANIZES**

**PANEL DISCUSSION ON
ROLES OF ENGINEERING GRADUATES IN INDUSTRY 4.0**

SPEAKERS

Archana A
Product Marketer,
Zoho

Ashwini S
Sales Engineer,
Zoho

Shobika S
Web app Developer,
Zoho

Archana P
Technical Support Engineer,
Zoho

Maharaja S
Mobile App Developer,
Zoho

Principal
Dr.Srinivasan Alavandar

Head of the Department
Dr.G.M.Tamilselvan



16/06/2021



12.00 - 01.00 PM

Co-Ordinators
Dr.K.Srinivasan
Ms.N.Vijayalakshmi
Mr.M.Navinkumar

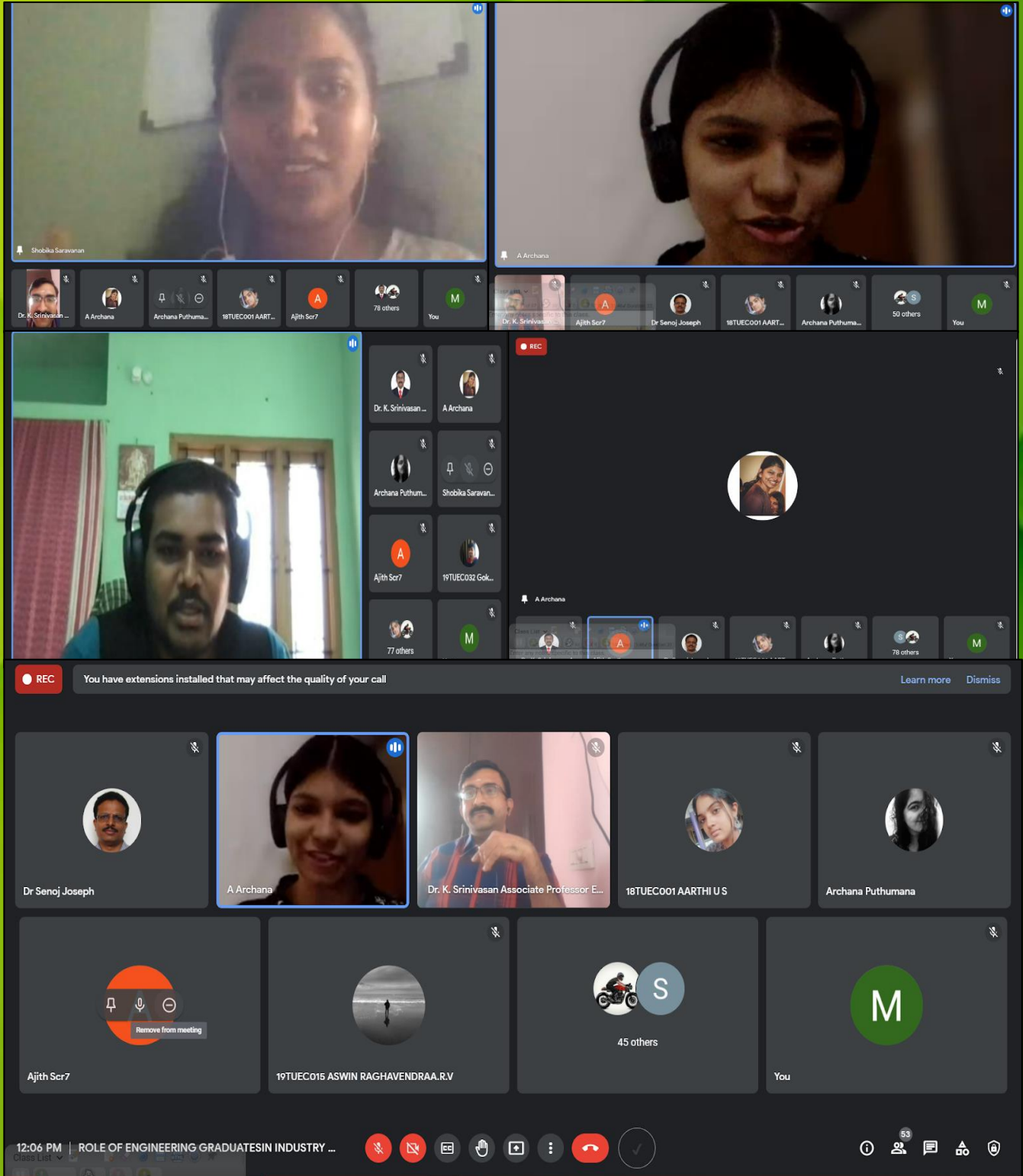
PLATFORM:



Meet

The Dept. of ECE organised a Panel discussion on “**Roles of Engineering Graduates in Industry 4.0**” facilitated by Ms Archana A, Product Marketer, Ms Ashwini S, Sales Engineer, Ms Shobika S, Web App Developer, Ms Archana P, Technical Support Engineer and Mr Maharaja S, Mobile App Developer, Zoho on 16 June 2021. Dr K Srinivasan, Assoc. professor, Mr M Navin Kumar and Ms N Vijayalakshmi, Asst. Professors, Dept. of ECE, coordinated the event.

ECE | EVENT ORGANISED | PANEL DISCUSSION ON ROLES OF ENGINEERING GRADUATES IN INDUSTRY 4.0



CSE | EVENT ORGANISED | HANDS-ON SESSION ON CREATING REAL-WORLD APPS USING MACHINE LEARNING

that the fear of the unknown is mostly what drives

11:40 AM | ygi-jnft-ydb

11:24 AM | ygi-jnft-ydb

Sri Krishna College of Technology
(An Autonomous Institution)
Affiliated to Anna University | Approved by AICTE | Accredited by NAAC with 'A' Grade
Kavayipudur, Coimbatore - 641042

Department of Computer Science and Engineering
(Accredited by NBA)

Institution's Innovation Council (IIC) Organize

**A Two Day Hands-on Session on
Creating Real-World Apps using Machine Learning**
(Exclusively for School & Polytechnic Students)

Topics

- Python Programming
- Basics of Machine Learning
- Integrating Machine Learning with Python
- Creating a Real-World App using the Concepts Learnt

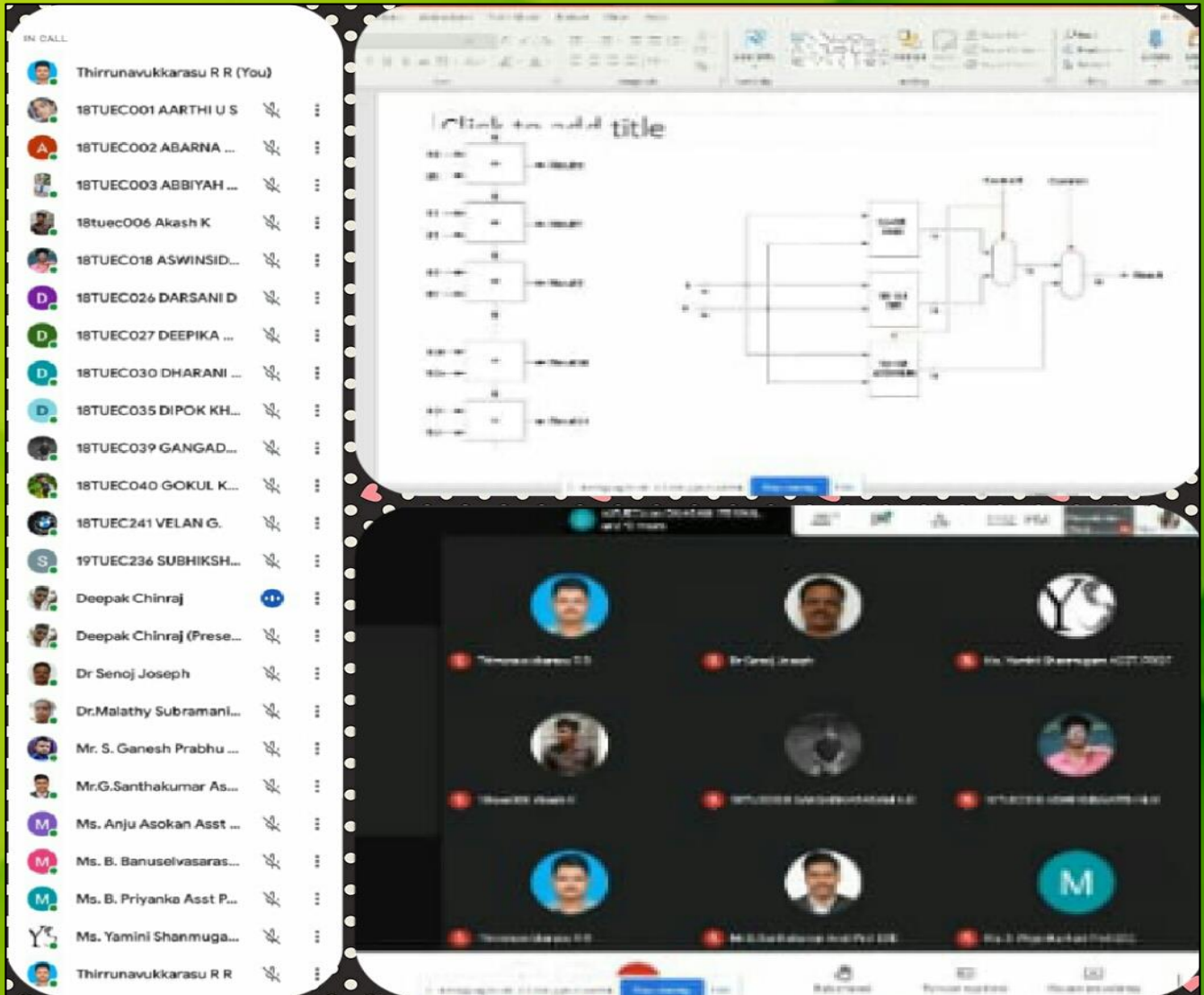
Resource Person
Mr. L. R. Vishnu Varthan
Intern @ Sezzle
Bangalore

11.06.2021 & 12.06.2021 (11 AM to 1 PM) <https://meet.google.com/lookup/dtgvmsxctfo>

E-Certificate will be provided for all the participants
For Further Queries, Please Contact
Dr. M. Deva Priya, ASP/CSE, SKCT - 9994924298
Ms. G. Sandhya, AP/CSE, SKCT - 9944714665

The Dept. of Computer Science and Engineering organised a 2-day Hands-on Session on “**Creating Real-World Apps using Machine Learning**” facilitated by Mr L R Vishnu Varthan, Intern at Sezzle, Bangalore for the benefit of Higher Secondary School Students and Polytechnic Students during 11-12 June 2021.

ECE | EVENT ORGANISED | WEBINAR ON SPEC TO SILICON- AN INDUSTRIAL PERSPECTIVE



The Dept. of ECE organised a webinar on **“SPEC to Silicon- An Industrial Perspective”** facilitated by Mr C Deepak, ASIC Engineer, NVIDIA Graphics, Bangalore. Mr R R Thirrunavukkarasu, Asst. Professor, Dr Senoj Joseph, Assoc. Professor and Mr S Ganesh Prabhu, Asst. Professor, Dept. of ECE, coordinated the event on 11 June 2021.

ECE | EVENT ORGANISED | WEBINAR ON CAREER OPTIONS AFTER UNDER GRADUATIONS

The screenshot shows a Zoom webinar interface. The main content area displays a presentation slide with the following text:

DECIDE YOUR FUTURE TODAY
JENOVAR X H
FACULTY
T.I.M.E.

Below the slide is a flowchart titled "The Way Forward":

```

graph LR
    NEXT --> JOB
    NEXT --> Higher_Studies[Higher Studies]
    JOB --> Fit_Sector[Fit Sector]
    JOB --> Higher_Studies
    Fit_Sector --> Private_Sector[Private Sector]
    Fit_Sector --> Govt_Public_Sector[Govt./Public Sector]
    Fit_Sector --> India
    Fit_Sector --> Abroad
  
```

The interface also shows a list of participants on the left and right, and a grid of video thumbnails in the center.

The Dept. of ECE organised a webinar on “**Career Options after Under Graduations**” facilitated by Er. Jenovar, Faculty & Mentor, T.I.M.E., Coimbatore. Dr S Malathy, Professor, Dr G Anitha and Ms S Jaipriya, Asst. Professors, Dept. of ECE, coordinated the event on 12 June 2021.

MECH | EVENT ORGANISED | WEBINAR ON NON-DESTRUCTIVE TESTING IN BOILER COMPONENTS

REC Thanjavur Vittal Rao Subash is presenting

REC Thanjavur Vittal Rao Subash is presenting

REC Thanjavur Vittal Rao Subash is presenting

REC Thanjavur Vittal Rao Subash is presenting

10:41 | Webinar on NDT of Boiler

10:43 | Webinar on NDT of Boiler

10:34 | Webinar on NDT of Boiler

binar on NDT of Boiler

INTRODUCTION

BHEL, TRICHIRAPPALI

Functional Intropective of Thermal power plant

Chimney

Transmission Tower

Boiler

Boiler Drum

MF & Bunker Bay

Station building

ODF Control Room

BHP

The most widely used NDE techniques in the welding Industry are :

Visual Testing (VT)

Liquid Penetrant Inspection (LPI)

Magnetic particle Testing (MT) → Surface NDT

Leak testing (LT)

Eddy Current Testing (ET)

Radiographic Testing (RT)

Ultrasonic Testing (UT)

Acoustic Emission Testing (AET) → Volumetric NDT

Thermography

Neutron radiographic Testing

Holography

WELDING

Welding is a developing technology.

All the time, New techniques are being devised to meet the needs of new situations & to Solve problems encountered in Fabrication.

This leads to diversity of apparently unrelated practical techniques, which rely heavily on the craft *Skill of Individual Welders*.

In reality this Technology firmly based on well Established Scientific concepts

Not only the Technologists & Engineers but also welders needs to understand these if their own *responsibilities* also depends of the Modern Industry.

The Dept. of Mechanical Engineering organised a webinar for the Members of Faculty and Students of B.E. Mechanical Engineering on **"Non-Destructive Testing in Boiler Components"** facilitated by Mr T V Subash General Manager (Rtd.) NDT, BHEL, Trichy on 12 June 2021.

ECE | EVENT ORGANISED | WEBINAR ON BRIDGING THE GAP BETWEEN ACADEMICS AND INDUSTRY

16:20

Technical Structure Company

Information Technology (IT) Department Structure Example

16:08

Bridging the Gap Between Industry and Academia

Presented by,
Priyadharshni.S.M,
Senior Service Technical Spe
IBM - Chennai.

	18TUEC224 SHARMIL...		
	19TUEC101 KARTHIKE...		
	19TUEC603 SANJAY.J		
	Dr Senoj Joseph		
	Dr. G Anitha , Asst. Prof.		
	Dr. K. Srinivasan Asso...		
	Mr.G.Santhakumar As...		

16:44

Bridging the Gap between Academia and Industry

Some Good Practices to Follow

- Learn to listen
- Time Management
- Stress Management

EX mantras to follow

- Examine your life
- Expose yourself to Successful people
- Express your belief in your dreams
- Explore every possible avenue
- Exhibit an Attitude (Confident)
- Expect opposition to your dreams
- Extend an helping hand
- Exercise all your efforts towards your go

Emerging tools to Learn

Core Companies :

Required tools like,

- > MATLAB – For Digital Signal, Control Systems, Image Processing
- > Certifications like CCNA (Cisco Certified Network Associate)
- > Eagle Cad or Proteus – PCB designing
- > Kiel microvision – Compiler for microcontroller Programing
- > Linux Based real time operating Systems
- > Programme Languages like C/C++, Embedded Java, Linux command

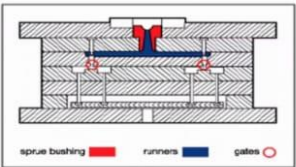
The Dept. of ECE organised a webinar on “**Bridging the Gap between Academics and Industry**” facilitated by Ms S M Priyadharshini, Senior Service Specialist, IBM. Dr Senoj Joseph, Assoc. Professor and Ms B Banuselvasaraswathy, Asst. Professor, Dept. of ECE, coordinated the event on 15 June 2021.

**MECH | EVENT ORGANISED | VIRTUAL INTERNSHIP
IN ASSOCIATION WITH ROOTS INDUSTRIES**

ROOTS
ADDING VALUE

COLD RUNNER MOULD

- Developed to provide Injection of material either directly into the cavity or through a **small sub-runner and gate** into the cavity.
- Runner Should be removed from the Ejected Part

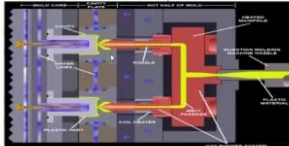


roots Talent Development Centre SP/SM/00

ROOTS
ADDING VALUE

HOT RUNNER MOULD

- This Type is also Called as **Runner less mould** as runners are kept hot using manifolds and insulated from the chilled cavities
- Hot runner molds are normally **Two plate molds**
- This type of moulds eliminates the runner scraps



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ROOTS
ADDING VALUE

QUESTIONS

- The Core and Cavity inserts are made by _____.
 a. HDS b. SV 21 c. C45
- The cyclic heating and cooling of tool causes _____.
 a. Defects b. Shear stress c. Thermal Fatigue Cracking

ROOTS
ADDING VALUE

TYPES OF MOLD

<p>BASED ON FEEDING SYSTEM</p> <ul style="list-style-type: none"> - COLD RUNNER MOLD - HOT SPRUE MOLD - HOT RUNNER MOLD 	<p>BASED ON NUMBER OF PARTS</p> <ul style="list-style-type: none"> - SINGLE CAVITY MOLD - MULTY CAVITY MOLD
<p>BASED MOLD OPENING</p> <ul style="list-style-type: none"> - 2 PLATE MOLD - 3 PLATE MOLD 	<p>BASED ON TYPE OF COMPONENT</p> <ul style="list-style-type: none"> - SINGLE PART MOLD - FAMILY MOLD
<p>BASED ON SPECIALITY</p> <ul style="list-style-type: none"> - COINJECTION MOLD - INSERT MOLD 	

roots Talent Development Centre SP/SM/00

Close Participants (76)

	19TUME044 Kaleeswaran B			
1	19TUME107			
1K	19TUME108 KUDUMULA BHAN...			
1M	19TUME123 MUTHUKRISHNAN S			

Students of Second B.E. Mechanical Engineering attended Day 16 Session of 21-day **“Virtual Internship Training Programme”** organised by the Dept. of Mechanical Engineering in association with Roots Industries (India) Limited on 16 June 2021

CIVIL | EVENT ORGANISED | WEBINAR ON CORPORATE SKILLS REQUIRED FOR A SUCESSFUL CIVIL ENGINEER



SRI KRISHNA COLLEGE OF TECHNOLOGY

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DEPARTMENT OF CIVIL ENGINEERING



Cordially invites you for the webinar on

CORPORATE SKILLS REQUIRED FOR A SUCCESSFUL CIVIL ENGINEER

Resource Person's



Dr. I. PADMANABAN, M.E, Ph.D., HOD / Civil Engineering Sri Krishna College of Technology
Dr. V. SREEVIDYA, M.E, Ph.D., Professor / Civil Engineering Sri Krishna College of Technology

DATE 11.06.2021 **TIME** 10 - 11 AM



The Dept. of Civil Engineering organised a One-day webinar on “Corporate Skills Required for a Successful Civil Engineer” for the Students of Diploma on 11 June 2021.

EEE | EVENT ORGANISED | REVIVE 2K21 WORKSHOP SERIES ON FUTURE WOULD BE ELECTRICAL



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AND APPROVED BY AICTE | ACCREDITED BY NBA TIER-1 | NAAC -
UGC WITH 'A' GRADE KOVAIPUDHUR, COIMBATORE-64102



Department of Electrical and Electronics Engineering

(Accredited By NBA)



Presents

REVIVE 2k21 Workshop Series

Refresher Talk on

"Future Would Be Electrical"

(for School/Polytechnic Students)

Resource Person

Ms. K. M. SOUNDHARYA
Consultant, Northern Trust
Bangalore



12/06/2021



11.00 am to 12.00 pm



<https://meet.google.com/sye-gjxo-ckm>

The Dept. of EEE organised an event on “**Future would be Electrical**” as a part of “**REVIVE 2K21 Workshop Series**” facilitated by Ms K M Soundharya, Consultant, Northern Trust, Bangalore on 12 June 2021.

ICE | EVENT ORGANISED | WEBINAR ON CAREER OPPORTUNITIES OF INSTRUMENTATION AND CONTROL ENGINEER



The Dept. of ICE organised a webinar on “**Career Opportunities of Instrumentation and Control Engineer**” facilitated by Mr Nirmal Kumar S, Automation Engineer, General Electric, Bengaluru on 12 June 2021.

ICE | EVENT ORGANISED | ENTREPRENEUR TALK ON BRAND BUILDING STRATEGIES



The Dept. of ICE organised a webinar on “**Brand Building Strategies**” facilitated by Mr Siddharth Gurumurthy, Managing Director, SAB Bags, Dharmapuri on 13 June 2021.

ECE | EVENT ORGANISED | WEBINAR ON CHOOSING A STEM PROGRAM TO STUDY IN USA - EXPERIENCES & OPPORTUNITIES

CS @ CUC
COMPUTER SCIENCE PROGRAM @ CUC

Dr Victor Govindaswamy
Director, Computer Science Programs
Concordia University Chicago
www.cuchicago.edu

Masters Program

<https://www.concordia.edu/economics/studies/college-of-health-sciences-technology/division-of-natural-math-computer-sciences/computer-science/ms/>



The I-20 Process

After Acceptance:

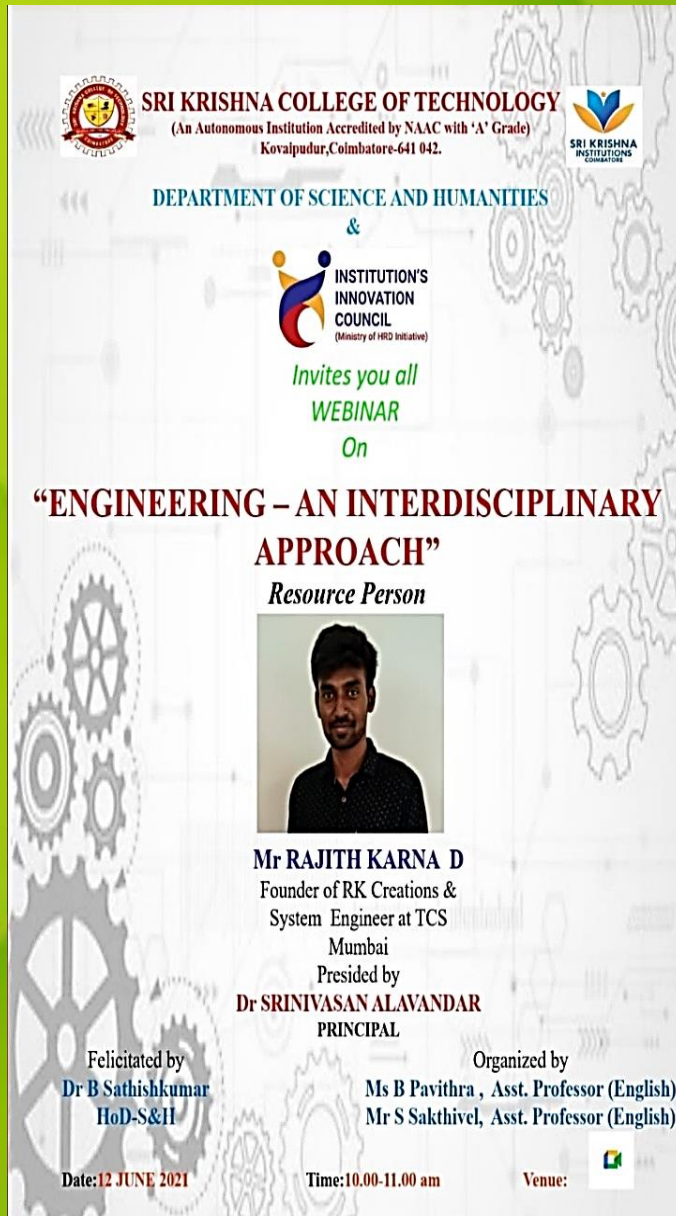
- I-20 draft is sent for the student's approval
- Once all details are verified, initial I-20 scan is sent through email (Spring 2022 Intake only)

After I-20 is issued:

- Make your visa appointment
- Keep your agent updated as to your visa interview date

Students from the Dept. of ECE attended a webinar on “**Choosing a STEM Program to Study in USA - Experiences & Opportunities**” facilitated by Dr Govind, Director, Concordia University Chicago, USA on 16 June 2021. Mr M Navin Kumar, Asst. Professor, Dept. of ECE, coordinated the event.

S&H | WEBINAR ON ENGINEERING – AN INTERDISCIPLINARY APPROACH



SRI KRISHNA COLLEGE OF TECHNOLOGY
(An Autonomous Institution Accredited by NAAC with 'A' Grade)
Kovaipudur, Coimbatore-641 042.


DEPARTMENT OF SCIENCE AND HUMANITIES

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

Invites you all
WEBINAR
On

“ENGINEERING – AN INTERDISCIPLINARY APPROACH”


Resource Person



Mr RAJITH KARNA D
Founder of RK Creations &
System Engineer at TCS
Mumbai
Presided by
Dr SRINIVASAN ALAVANDAR
PRINCIPAL

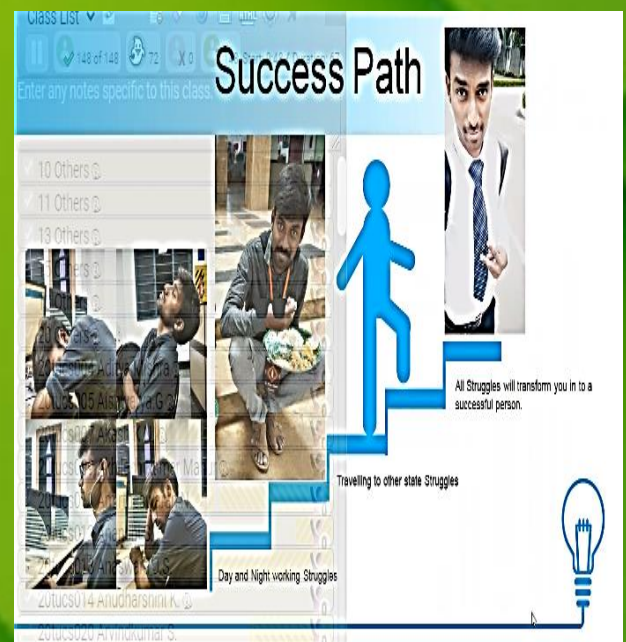
Felicitated by
Dr B Sathishkumar
HoD-S&H

Organized by
Ms B Pavithra , Asst. Professor (English)
Mr S Sakthivel, Asst. Professor (English)

Date: **12 JUNE 2021** Time: **10.00-11.00 am** Venue: 



Zoom Meeting Screenshot showing a presentation slide titled "No one Knows Everything". The slide features four bar charts with percentages: 75%, 85%, 50%, and 85%. A person is sitting on a globe, and a speech bubble says "You know it, because you know it, because you know it, because you know it".



Success Path

Enter any notes specific to this class.

10 Others
11 Others
13 Others

Travelling to other state Struggles

Day and Night working Struggles

All Struggles will transform you into a successful person.

Ms B Pavithra and Mr S Sakthivel, Asst. Professors, Dept. of Science and Humanities, organised a webinar on "**Engineering - An Interdisciplinary Approach**" facilitated by Mr Rajith Karna D, Founder of RK Creations & System Engineer at TCS, Mumbai on 12 June 2021.

S&H | WEBINAR ON URFEW: PLY TO MULTIPLY

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DEPARTMENT OF SCIENCE & HUMANITIES

CURFEW: PLY TO MULTIPLY

A Jointly Organized Webinar

Presided by **Dr Srinivasan Alavandar, Principal** Felicitated by **Dr. B. Sathish Kumar, HoD/S&H**

Dr. K. Saravanan, AP/English, Nandha Engineering College (Autonomous), Erode.

17 JUNE 2021 @ 04:30 PM

A Cordial Invite from **Mr. S. Sakthivel (Ap/English) Ms. B. Pavithra (Ap/English) Organisers**

<https://meet.google.com/pav-poea-wpx>

REC Prof K Saravanan is presenting

How to Improve Yourself during Lockdown

- Addressing existing issues
- Considering faculty feedback
- Improving communication skills
- Making time for learning
- Staying up-to-date with your competition
- Most importantly, Healthy and stay safe

4:59 PM | pav-poea-wpx

REC Prof K Saravanan is presenting

Benefits of Curfew

- >The health system will now hopefully be improved across all countries, budgets spent on the correct areas with the government being forced to focus on it!
- >Nature and everyone around the world is enjoying the break from pollution!
- >How we treat our wildlife and wild animals is very important for the planet's survival!

Dr K SARAVANAN PH.D. Professor of English

4:49 PM | pav-poea-wpx

REC Prof K Saravanan is presenting

Before After

5:26 PM | pav-poea-wpx

Mr S Sakthivel and Ms B Pavithra, Asst. Professors, Dept. of Science and Humanities, organised a webinar on "Curfew: Ply to Multiply" facilitated by Dr K Saravanan, Asst. Professor (English), Nandha Engineering College, (Autonomous), Erode on 17 June 2021.

SoM | EVENT ORGANISED | ENTER-PRUNE-YOU-SHIP WEBINAR

The image shows a Google Meet interface on the left and a promotional poster on the right. The Meet interface displays a presentation slide with the text "ENTER-PRUNE-YOUR-SHIP" and "PRUNE" = Right-size. A quote bubble says "10 things that I have learnt with experience. My name is Rajeev Mamidanna. And I have been getting my hands dirty for the last 9 years!". The poster on the right is for Sri Krishna College of Technology School of Management, featuring Rajeev Mamidanna, Founder & MD Synoptiq Infosolutions, and Co-founder of Technosprout systems & PRadictability Media Sciences. The event is on June 14 at 11.00 A.M. Faculty coordinators listed are Monisha K, Dr. M. Padmavathi, and Dr. Srinivasan Alavandar.

Ms Monisha K, Asst. Professor, School of Management, organised a webinar on **“Enter-Prune-You-Ship Perspectives of a Comparatively New Entrepreneur”** through Google Meet on 14 June 2021.

