



SKCT DIGEST



E-LEARNING



SPECIAL EDITION - 5

22 - 26 JUNE 2020



**SPECIAL
EDITION**

EDITOR - IN - CHIEF

**Dr Srinivasan Alavandar,
Principal**



EDITORIAL TEAM

**Ms S Soundarya,
CSE**

**Ms S Thenmozhi,
ECE**

**Mr N SethuNarayanan,
SSH**

INSIDE THIS ISSUE

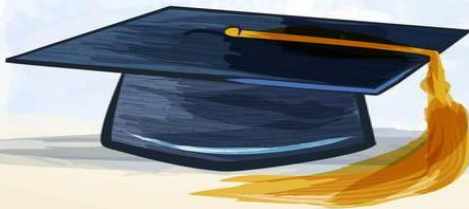
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RESEARCH | PhD VIVA VOCE



Ph.D.

Congratulations



ECE | RESEARCH CENTRE | PhD VIVA VOCE

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide with the following content:

- Slide Title: **Linear Array and Linear Array with 3-length Extension**
- Subtitle: **A Linear Array with 16 nodes**
- Diagram 1: A horizontal line of 16 black dots representing nodes, labeled 0 through 15.
- Diagram 2: **Linear Array with 3-length extension**. This diagram shows a horizontal line of 16 nodes labeled 0 through 15. Three overlapping waveforms are plotted above the nodes: a red waveform with peaks at nodes 1, 4, 7, 10, 13, and 15; a green waveform with peaks at nodes 2, 5, 8, 11, and 14; and a blue waveform with peaks at nodes 3, 6, 9, 12, and 15.

In the bottom left corner, there is a video feed of the host, Karthik R, with a name tag that says "Karthik R (host)".

Mr R. Karthik, Asst. Professor, Dept. of CSE, successfully defended his PhD Viva Voce entitled **“A Study on Wide-sense Nonblocking Multicast in WDM Optical Networks with Extended Topologies”** through Online Mode on 24 June 2020. Dr R Udaiyakumar, Professor and Head, Dept. of ECE was appointed as the Convener and Research Co-ordinator by the Center for Research, Anna University, Chennai.

CSE | PhD VIVA VOCE

Future Scope

- ✓ Wavelength number requirement needs to be investigated with still higher order extensions, to judge the rate of reduction in wavelength number requirements.
- ✓ Extending this study on the same lines for torus, mesh, hypercube and trees.

WRMD WDM with multiple MCLS and its impact on the network cost and complexity.

(host)

WDM Networks

- ✓ In fiber-optic communication, Wavelength Division Multiplexing (WDM) is a technology which multiplexes multiple optical carrier signals on a single optical fiber by using different wavelengths of lightpath
- ✓ Lightpath (lightpaths) is a section of an optical network in which light travels without being modified from one point to another point
- ✓ Benefits:
 - Full duplex transmission is possible
 - Easier to reconfigure and simple to implement
 - Optical components are similar and more reliable
 - It provides higher bandwidth with high security

Wednesday, June 24, 2020

Participants (19)

Search

- dlogumorappur (me)
- Karthik R (host)
- Agathian S
- Angayarkanni
- Dr. Gayathri Devi S
- Dr.D.veera vanitha
- Dr.S.Sivakumari
- Malini S
- Mugunthan Rajan



RESEARCH | PhD VIVA VOCE

Viewing Senthilkumar R's screen

Cont...

S.no	Related Work	Methodology	Key notes
3	Akar, F., Tavlasoglu, Y., Ugur, E., Vural, B. and Aksoy, I., 2016. A Bidirectional Nonisolated Multi-Input DC-DC Converter for Hybrid Energy Storage Systems in Electric Vehicles	Building balanced clusters	Rule based clustering for routing model gives better performance since they consume more energy along with the formation of clusters and finding the most limited path.
4	Aktas, A., Erhan, K., Ozdemir, S. and Ozdemir, 2017, Experimental Investigation of a new smart energy management algorithm for a hybrid energy storage system in smart grid	Bidirectional non-isolated multi-input converter (MIC) topology	Converter has the capacity of controlling the intensity of ESSs by permitting dynamic power sharing.

Meeting participants: Senthilkumar R, Selvaganesan, kani.rex, MOORTHY S EEE, Senthilkumar R

Meeting is in progress... Webex meeting reminder: PhD Welcome to Rediffmail: meetingsapac8.webex.com/webappng/sites/meetingsapac8/meeting/download/a32098c35d8d410580d788f2a51dcfb1?launchApp=true

Viewing Senthilkumar R's screen

OBJECTIVE OF THE PROJECT

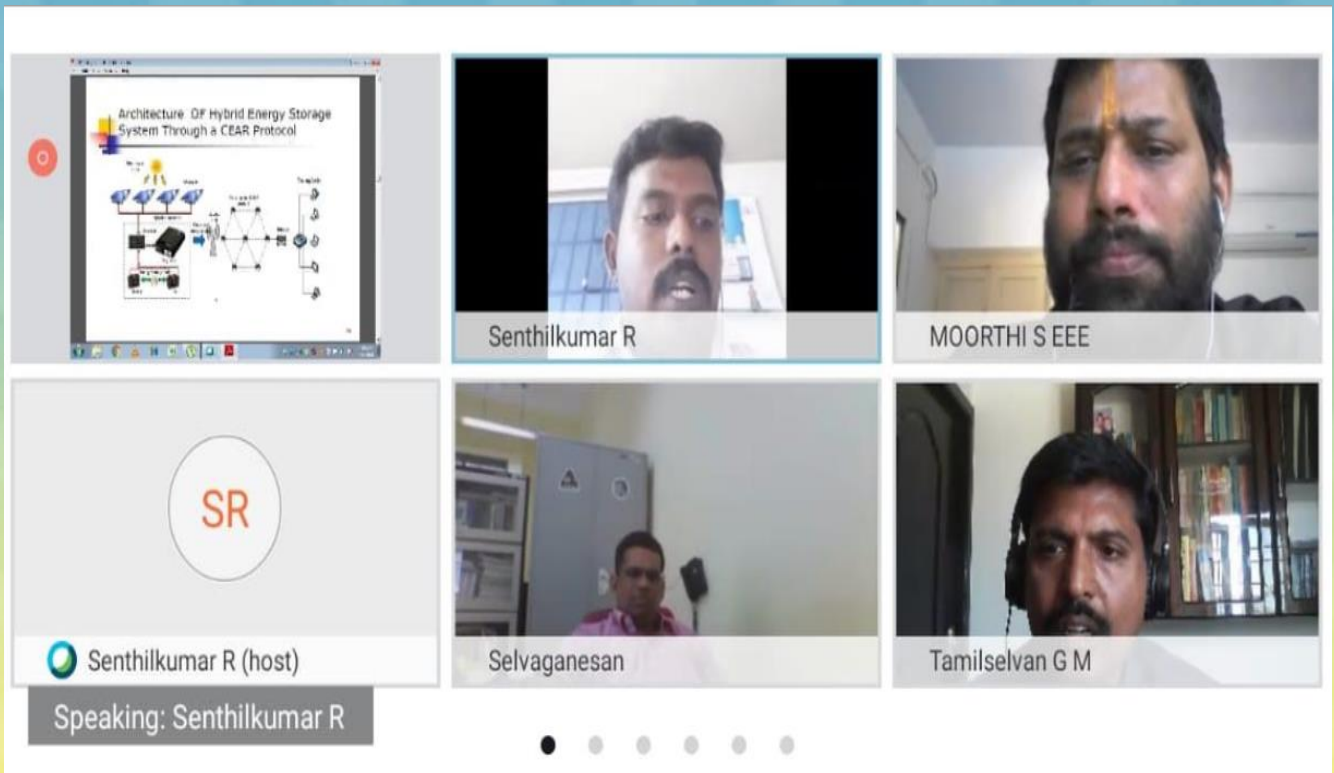
Based on the motivation certain objectives are focused to achieve the objective of Harvesting And Storing Of Power In WSN Powered By a Hybrid Energy Storage System Through A CEAR Protocol

❖Energy harvesting from natural assets with the extended life time of Batteries by designing hybrid accumulator architecture that combines the battery and Ultra-Capacitor (UC)™ where the power stream from a lithium ion (Li-ion) battery is combined with a UC for power upgrade and also supply power to nodes in the WSN by proper control and managing of power using Adaptive Power Organizing (APO) algorithm.

Meeting participants: Senthilkumar R, k.gokulraj, kishoredharan123, ppsftprem, pushpaleela922, pushparajamar..., samyjayakumar10

Taskbar: IT-Online classes R..., RS-PhD_viva.ppt, RS-PhD_viva.pdf

RESEARCH | PhD VIVA VOCE



Mr. R. Senthilkumar, PhD Research Scholar, defended his PhD Public Viva-Voce Examination entitled “**Harvesting and Storing of Power using Hybrid Energy Storage System for Wireless Sensor Networks**” under the supervision of Dr G M Tamilselvan, Professor and Head, Dept. of IT. Dr R Udaiyakumar, Professor and Head, Dept. of ECE, served as a Research Coordinator for the online Viva Voce examination. Subject Experts Dr N Selvaganesan, Professor, Dept. of Avionics, Indian Institute of Space Science and Technology, Trivandrum and Dr S Moorthi, Assoc. Professor, Dept. of EEE, National Institute of Technology, Tiruchirappalli reviewed the scholarly works of the candidate.

SKCT | IIRS



INDIAN INSTITUTE OF REMOTE SENSING
Indian Space Research Organisation
Department of Space, Govt. of India



IIRS(ISRO)

REMOTE SENSING &

GIS

EDUSAT

SKCT | IIRS- OFF CAMPUS OUTREACH PROGRAMME ON BASIC PRINCIPLES OF REMOTE SENSING TECHNOLOGY



Sri Krishna College of Technology, Coimbatore has received a Certificate of Participation of Institute for successfully organizing Online Training Programme on "**Basic Principles of Remote Sensing Technology**" conducted by Indian Institute of Remote Sensing, ISRO Dehradun during 13 - 25 April 2020.

SKCT | IIRS- OFF CAMPUS OUTREACH PROGRAMME ON BASIC PRINCIPLES OF REMOTE SENSING TECHNOLOGY



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



श्री: सीएस गणेश/सिस्टम कार्यालय प्रमुख का
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

COR90117872020

समन्वय का प्रमाणपत्र
CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि श्री कृष्णा कॉलेज ऑफ टेक्नालजी कार्यरत श्री एस गणेश प्रभु, ने "सुदूर संवेदन प्रौद्योगिकी के मूल सिद्धांत" विषय पर इस संस्थान द्वारा दिनांक 13 अप्रैल, 2020 से 25 अप्रैल, 2020 तक संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम को समन्वित किया।

This is to certify that **MR. S GANESH PRABHU**, working with **SRI KRISHNA COLLEGE OF TECHNOLOGY**, has coordinated the online training course on "**Basic Principles of Remote Sensing Technology**" conducted by this institute during April 13, 2020 to April 25, 2020.

दिनांक/ Date: 22-06-2020
देहरादून/ Dehradun


प्रमुख,
बिरोबेब सर्विस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geosweb 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, coordinated the Online Training programme on "**Basic Principles of Remote Sensing Technology**" conducted by Indian Institute of Remote Sensing, ISRO Dehradun during 13 - 25 April 2020.

ECE | IIRS- OFF CAMPUS OUTREACH PROGRAMME ON
BASIC PRINCIPLES OF REMOTE SENSING TECHNOLOGY


भारत सरकार
अंतरिक्ष विभाग
भारतीय अंतरिक्ष अनुसंधान संगठन
भारतीय सुदूर संवेदन संस्थान, देहरादून



GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
INDIAN SPACE RESEARCH ORGANISATION
INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN



नामांकन सं. / Enrolments No.202090110102758

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणित किया जाता है कि श्रीमती विजया लक्ष्मी नांजापन को यह प्रमाण पत्र " सुदूर संवेदन प्रौद्योगिकी के मूल सिद्धांत " में ऑनलाइन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है। इस पाठ्यक्रम का आयोजन भारतीय सुदूर संवेदन संस्थान (आईआईआरएस) इसरो देहरादून द्वारा 13 अप्रैल, 2020 से 25 अप्रैल, 2020 के दौरान किया गया।

This is to certify that **MRS. VIJAYALAKSHMI NANJAPPAN** has been awarded this certificate on having participated in the online course on "Basic Principles of Remote Sensing Technology" which was conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, during **13-04-2020 to 25-04-2020**.

Date: 19-06-2020
Place: Dehradun



निदेशक/ Director
आईआईआरएस, देहरादून/ IIRS, Dehradun

UID: ca3ca836444856cd1c128f8f27ba5. This Certificate can be validated using URL: <https://certificate.iirs.gov.in>



भारत सरकार
अंतरिक्ष विभाग
भारतीय अंतरिक्ष अनुसंधान संगठन
भारतीय सुदूर संवेदन संस्थान, देहरादून



GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
INDIAN SPACE RESEARCH ORGANISATION
INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN



नामांकन सं. / Enrolments No.202090110102929

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणित किया जाता है कि कु. धिव्य प्रिया ई एल को यह प्रमाण पत्र " सुदूर संवेदन प्रौद्योगिकी के मूल सिद्धांत " में ऑनलाइन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है। इस पाठ्यक्रम का आयोजन भारतीय सुदूर संवेदन संस्थान (आईआईआरएस) इसरो देहरादून द्वारा 13 अप्रैल, 2020 से 25 अप्रैल, 2020 के दौरान किया गया।

This is to certify that **MS. DHIVYA PRIYA E L** has been awarded this certificate on having participated in the online course on "Basic Principles of Remote Sensing Technology" which was conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, during **13-04-2020 to 25-04-2020**.

Date: 19-06-2020
Place: Dehradun



निदेशक/ Director
आईआईआरएस, देहरादून/ IIRS, Dehradun

UID: a3ae67e537308040689e33c147ee226. This Certificate can be validated using URL: <https://certificate.iirs.gov.in>

Ms N Vijayalaskshmi and Ms E L Dhivya Priya, Asst. Professors, Dept. of ECE participated in an Online Training Programme on "Basic Principles of Remote Sensing Technology" conducted by Indian Institute of Remote Sensing, ISRO Dehradun during 13 - 25 April 2020.

EEE | IIRS COURSE ON BASIC PRINCIPLES OF REMOTE
SENSING TECHNOLOGY

भारत सरकार
अंतरिक्ष विभाग
भारतीय अंतरिक्ष अनुसंधान संगठन
भारतीय सुदूर संवेदन संस्थान, देहरादून



GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
INDIAN SPACE RESEARCH ORGANISATION
INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

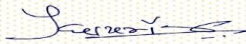
नामांकन सं. / Enrolments No.202090110109704

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणित किया जाता है कि श्रीमती इलकया ए को यह प्रमाण पत्र “सुदूर संवेदन प्रौद्योगिकी के मूल सिद्धांत” में ऑनलाइन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है। इस पाठ्यक्रम का आयोजन भारतीय सुदूर संवेदन संस्थान (आईआईआरएस) इसरो देहरादून द्वारा 13 अप्रैल, 2020 से 25 अप्रैल, 2020 के दौरान किया गया।

This is to certify that **MRS. ELAKYA A** has been awarded this certificate on having participated in the online course on “**Basic Principles of Remote Sensing Technology**” which was conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, during **13-04-2020 to 25-04-2020**.

Date: 19-06-2020
Place: Dehradun


निदेशक/ Director
आईआईआरएस, देहरादून / IIRS, Dehradun

UID- 13e15cfa5c61e71bd750e8e92a12569b .This Certificate can be validated using URL- <https://certificate.iirs.gov.in>

Ms. A Elakya, Asst. Professor, Dept. of EEE, completed an Online Course on “**Basic Principles of Remote Sensing Technology**” conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun.

STUDENTS' PARTICIPATION & ACHIEVEMENTS



CSE | STUDENTS' ACHIEVEMENTS



K.Haseena Begum
Sri Krishna College
of Technology
WWW.FOXACADEMY.IN



K.Gayathri
Sri Krishna College
of Technology
WWW.FOXACADEMY.IN



S.P. Hari Priya
Sri Krishna College of
Technology.
WWW.FOXACADEMY.IN

Ms S P Hari Priya, Ms K Haseena Begum and Ms K Gayathri of Third Year B.E. CSE secured the **Third, Seventh and Eighth** places respectively in **Quizzard 2020** contest.

CSE | NPTEL ONLINE CERTIFICATION



Elite

NPTEL Online Certification

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




This certificate is awarded to
SIVA ILAKKIYA P
for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **81** %

Online Assignments	23.75/25	Proctored Exam	57/75
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Total number of candidates certified in this course: **2108**



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

Feb-Apr 2020
(8 week course)



Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur




Roll No: NPTEL20HS10S10995819
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
SWETHA S
for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **65** %


Online Assignments	24/25	Proctored Exam	41.25/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **2108**



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

Feb-Apr 2020
(8 week course)



Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL20HS10S10900270
To validate and check scores: <https://nptel.ac.in/noc>

Students of Third Year B.E. CSE C Section Ms P Siva Ilakkiya and Ms S Swetha completed an eight-week NPTEL Certification on “Enhancing Soft Skills and Personality” under Elite+Silver and Elite categories respectively.

ECE | STUDENT CERTIFICATION | BLOG AUTHORITY



Ms V Priyanga of Third Year B.E. ECE C Section received a Certificate for her successful completion of an Online Course on “**Blog Authority**” offered by Career Development College, London on 23 June 2020.

ECE | STUDENT CERTIFICATION | TECHNICAL SUPPORT
FUNDAMENTALS

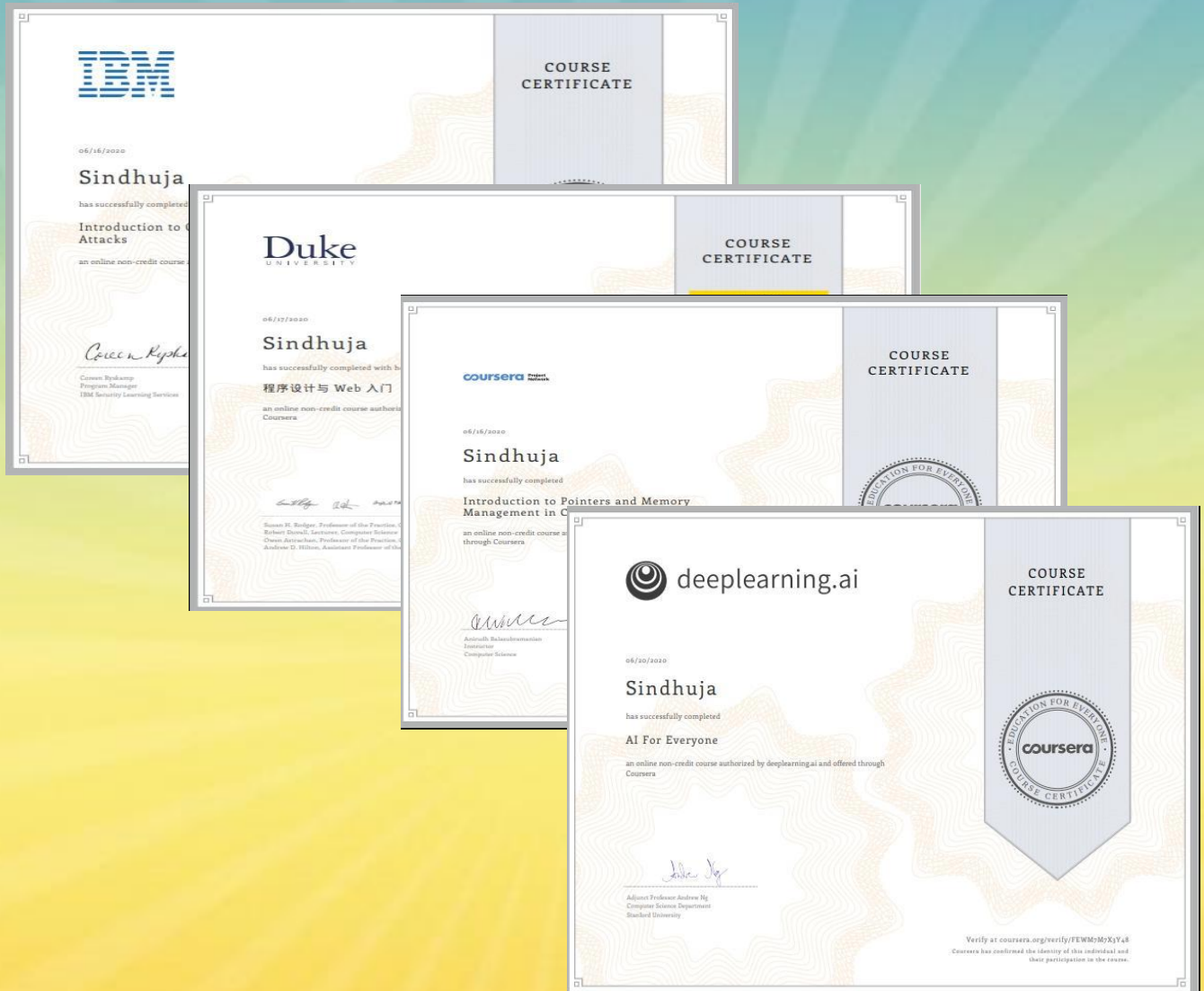


Ms A D Samyuktha of Second Year B.E. ECE C Section completed an Online Course on “**Technical Support Fundamentals**” authorised by Google and offered through Coursera.

ECE | STUDENT CERTIFICATION | PROGRAMMING FOR EVERYTHING | THE BITS AND BYTES OF COMPUTER NETWORKING



Ms A D Samyuktha of Second Year B.E. ECE C Section completed an Online Course on **“Programming for Everybody and The Bits and Bytes of Computer Networking”** offered through Coursera.

ECE | STUDENT CERTIFICATION | CYBER SECURITY & CYBER ATTACKS | JAVASCRIPT, HTML & CSS | POINTERS AND MEMORY MANAGEMENT | AI FOR EVERYONE

Ms I Sindhuja of Second Year B.E. ECE C Section completed Online Courses on “Introduction to Cyber Security Tools & Cyber Attacks”, “Programming Foundation with JavaScripts”, “HTML and CSS”, “Introduction to Pointers and Memory Management in C /C++ and AI for Everyone” offered through Coursera.

ECE | STUDENT CERTIFICATION | THE ARDUINO PLATFORM AND C PROGRAMMING | INTRODUCTION TO THE INTERNET OF THINGS & EMBEDDED SYSTEMS | INTERFACING WITH THE ARDUINO



Mr G Karthikeyan of Second Year B.E. ECE A Section completed Online Courses on “**The Arduino Platform and C Programming**”, “**Introduction to the Internet of Things**” and “**Embedded Systems and Interfacing Arduino**” offered through Coursera.

**ECE | STUDENT CERTIFICATION | AWS CLOUD
PRACTITIONER ESSENTIALS**



Certificate of Completion
Samyuktha.A.D

Has successfully completed
AWS Cloud Practitioner Essentials (Second Edition)

Director, Training and Certification

6 hours

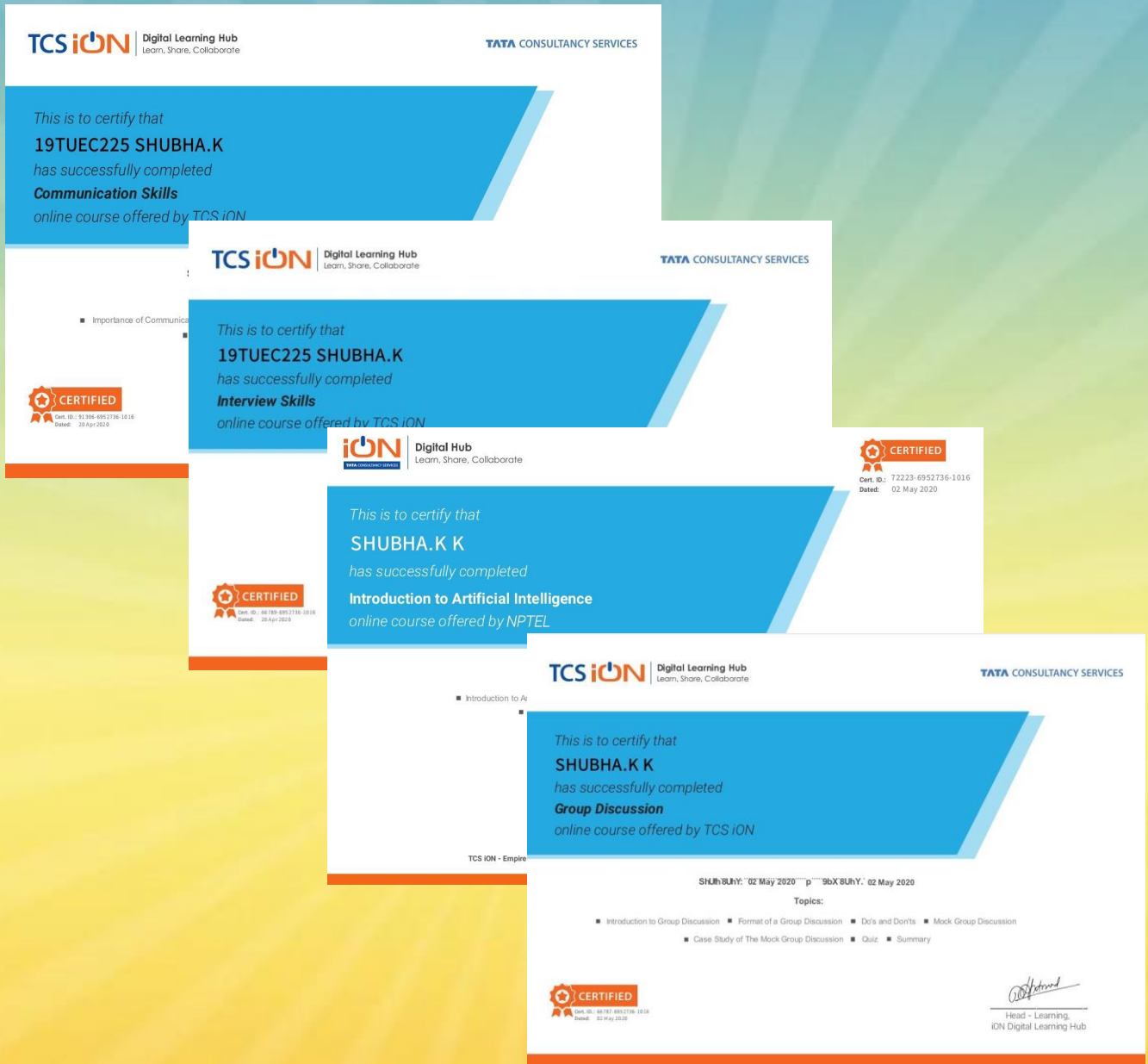
Duration

26 May, 2020

Completion Date

Ms A D Samyuktha of Second Year B.E. ECE C Section completed an Online Course on “**AWS Cloud Practitioner Essentials**” organized by AWS Training and Certification.

ECE | STUDENT CERTIFICATION | TCS ION DIGITAL LEARNING



Ms K K Shubha of Second Year B.E. ECE C Section completed an Online Course on “Communication, Interview Skills, Group Discussion and Introduction to Artificial Intelligence” organized by TCS ION – Digital Learning Hub.

FACULTY PARTICIPATION & ACHIEVEMENTS



IT | NPTEL ONLINE CERTIFICATION COURSE



NPTEL Online Certification

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



This certificate is awarded to

D.JEYABHARATHI

for passing the course

Python for Data Science

with Score* **88** %

Covid-19
Impacted
January 2020
semester

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2020
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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



NPTEL Online Certification

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



This certificate is awarded to

MADUMIDHA.S

for passing the course

Introduction to Blockchain Technology and Applications

with Score* **60** %

Covid-19
Impacted
January 2020
semester

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

Feb-Apr 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



*Continuous online assessment score

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

Dr D Jeyabharathi and Ms S Madumidha, Asst. Professors, Dept. of IT, received their NPTEL Online Certificates for the courses “Python for Data Science” and “Introduction to Blockchain Technology and Applications” respectively on 22 June 2020.

CSE | AWARENESS PROGRAMME ON OUTCOME BASED EDUCATION**BHARAT**
Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam - 501 510, Hyderabad, Telangana
NAAC Accredited; NBA Accredited for UG Programmes: CSE, EEE, ECE, & ME
Approved by AICTE, New Delhi; Affiliated to JNTUH

**CERTIFICATE OF APPRECIATION**

This is to certify that **M. DEVA PRIYA** from **Sri Krishna College of Technology** has successfully completed "Awareness Programme on Outcome Based Education (OBE)" on **20-6-2020**, Organized by the **Internal Quality Assurance Cell (IQAC)**, Bharat Institute of Engineering and Technology (BIET), Hyderabad, Telangana.

Certificate Id: UCXFLU-CE000500


Dr. R. Madana Mohana
IQAC Coordinator, BIET


Dr. V. Rambabu
Principal, BIET

Dr M Deva Priya, Assoc. Professor, Dept. of CSE, completed an "Awareness Programme on Outcome Based Education" organized by IQAC in association with Bharat Institute of Engineering and Technology, Hyderabad on 20 June 2020.

CSE | INTERNATIONAL QUIZ ON E-LEARNING

**BHARAT**
Institute of Engineering and Technology

Mangalpally, Ibrahimpatnam - 501 510, Hyderabad, Telangana

NAAC Accredited; NBA Accredited for UG Programmes: CSE, ECE, EEE & ME

Approved by AICTE, New Delhi; Affiliated to JNTUH

CERTIFICATE OF APPRECIATION**M. DEVA PRIYA**

From India has successfully completed

International Quiz on e-Learning

An online Quiz conducted on 21-6-2020 by Bharat Institute of Engineering and Technology (BIET), Hyderabad, Telangana, INDIA through Internal Quality Assurance Cell (IQAC)


Dr. R. Madana Mohana
IQAC Coordinator, BIET


Dr. V. Rambabu
Principal, BIET

Certificate Id: 5A0LWM-CE000960

Dr M Deva Priya, Assoc. Professor, Dept. of CSE, attended an International-level Quiz Contest on “E-Learning” organized by Bharat Institute of Engineering and Technology, Hyderabad in association with IQAC on 21 June 2020.

CIVIL | NPTEL CERTIFICATION ON ELECTRONIC WASTE MANAGEMENT – ISSUES AND CHALLENGES



NPTEL Online Certification

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



This certificate is awarded to
MUTHUKEERTHANA S
for passing the course

Electronic Waste Management - Issues and Challenges

with Score* **91** %

Covid-19
impacted
January 2020
semester

A. Goswami

Jan-Feb 2020
(4 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



*Continuous online assessment score

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



Ms S Muthukeerthana, Asst. Professor, Dept. of Civil Engineering, received NPTEL Online Certificate for the course “**Electronic Waste Management – Issues and Challenges**”.

CSE | COMPLETED COURSE ON WEB DESIGN



Alison
LEARNER RECORD

Learner Details

	Name:	M. DEVA PRIYA	Total Study Time:
	E-mail:	meetdevapriya@gmail.com	28:16:40
	Country:	India	

Certified Courses



Diploma in Web Design

Aimed at both the beginner and intermediate web designer, this comprehensive, easy-to-understand course will teach you the fundamentals of web development tools and techniques. The course will first guide you through the essential tools for web page development including HTML, Cascading Style Sheets (CSS), and Adobe Dreamweaver. You'll be shown how to create a HTML page and then how to easily and quickly add content, images, links, tables and lists to it.

Score: 93%

Completed On: 2020-06-25

Dr. M. Deva Priya, Assoc. Professor, Dept. of CSE, completed a Course on 'Diploma in Web Design' on 25 June 2020 offered by Alison.

EEE | QUIZ ON COVID 19 AWARENESS



Tripura Institute of Technology
Affiliated to Tripura University (A Central University) & Approved by AICTE
Narsingarh, Agartala, Tripura WEST - 79909 IN

Certificate of Participation

This is to certify that Ms. Dr.K.Gaayathry D/O - R.Krishnamoorthy has successfully completed the "COVID-19 Awareness" online quiz program organized by Unnat Bharat Abhiyan Unit, Tripura Institute of Technology with a score of 75%

 Bharat Sarkar Assistant Professor Civil Engineering Department & Project Coordinator, UBA Tripura Institute of Technology	 Gautam Pal Assistant Professor Computer Science and Engineering Department & Joint Project Coordinator, UBA Tripura Institute of Technology	 Prof. Sekhar Datta Principal Tripura Institute of Technology Narsingarh, Agartala, Tripura West 799099 IN
---	---	---



Certificate No : TIT230620-239

Dr K Gaayathry, Asst. Professor, Dept. of EEE, completed the "COVID 19 Awareness", an Online Quiz Program organized by Unnat Bharat Abhiyan Unit, Tripura Institute of Technology, Tripura.

ICE | THE AYUSH SANJIVANI PLEDGE | INTERNATIONAL
YOGA DAY

To mark the International Yoga Day, Dr P Manju, Professor and Head, Dept. of Instrumentation and Control Engineering (ICE) administered the pledge “**The AYUSH Sanjivani**” to the Members of Faculty in the Dept. of ICE to express their commitment in adopting AYUSH Preventive Health Practices for Maintaining Health by Enhancing Immunity, an initiative taken by the Ministry of AYUSH on 22 June 2020.

IT | INTERNATIONAL CONFERENCE ICICCS 2020

**CERTIFICATE OF PRESENTATION**

This certificate is awarded to

G. M. Tamilselvan

has successfully presented a paper entitled

An Investigation on Hybrid Optimization Based Proportional Integral Derivative and Model Predictive Controllers for Three Tank Interacting System

in the 2nd International Conference on

Intelligent Computing, Information and Control Systems (ICICCS 2020)

organised by Malla Reddy College of Engineering, Secunderabad, India

on 25-26, June 2020.

ICICCS 2020


Session Chair


Organizing Secretary
Dr. M. Narayanan


Conference Chair
Dr. P. John Paul

Dr G M Tamilselvan, Professor and Head, Dept. of IT presented a paper entitled “**An Investigation on Hybrid Optimization Based Proportional Integral Derivative and Model Predictive Controllers for Three Tank Interacting System**” in the 2nd International Conference on Intelligent Computing, Information and Control Systems organized by Malla Reddy College of Engineering, Secunderabad during 25-26 June 2020.

EEE | QUIZ ON EMERGING TRENDS IN POWER
ELECTRONICS & RENEWABLE ENERGY SYSTEMS**JAIN**
DEEMED-TO-BE UNIVERSITYFACULTY OF
ENGINEERING
AND TECHNOLOGY

AS90YE-CE000602

CERTIFICATE OF APPRECIATION

This is to certify that **Santhosh P, Assistant Professor** from Sri Krishna College of Technology has participated in National level online Technical Quiz on "**Emerging Trends in Power Electronics & Renewable Energy Systems**" conducted by Department of Electrical and Electronics Engineering, Faculty of Engineering and Technology, JAIN (Deemed-to-be University), Bengaluru, on 6/24/2020.

Dr. P. Pradeepa,
Head, Dept. of EEE

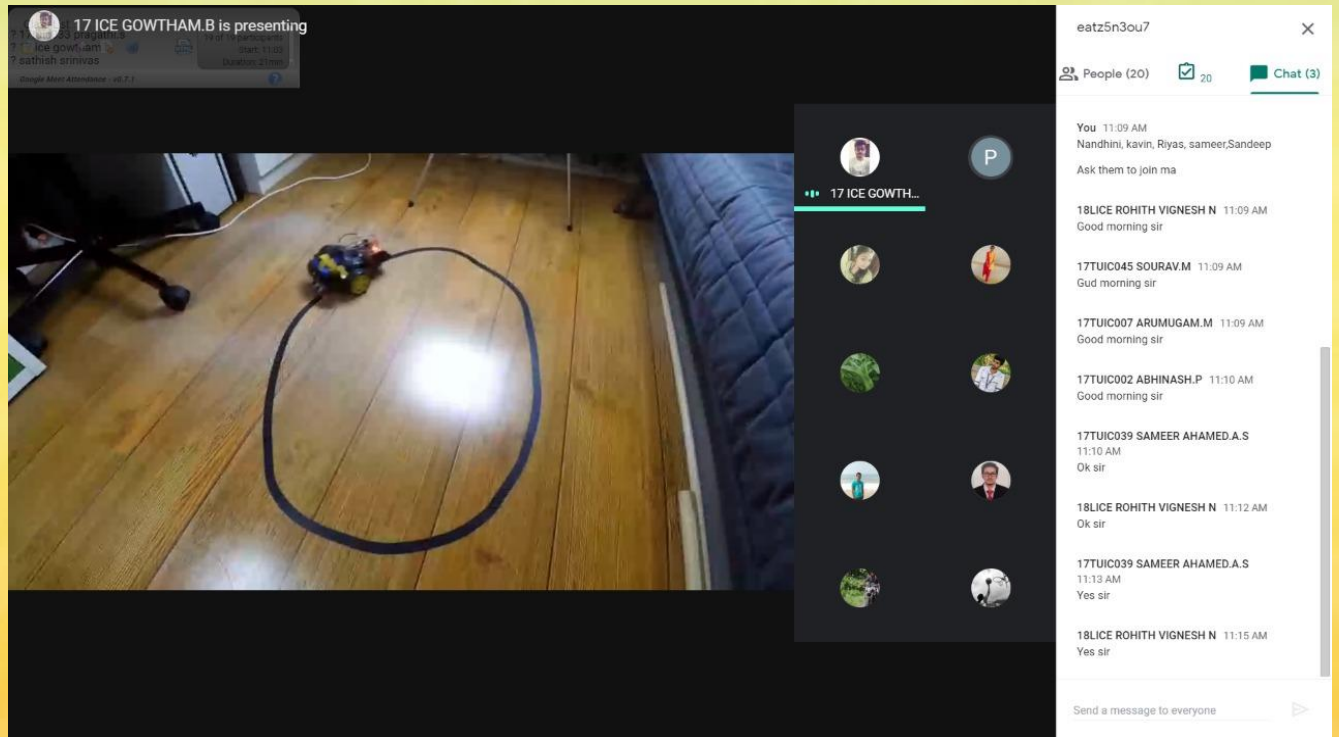
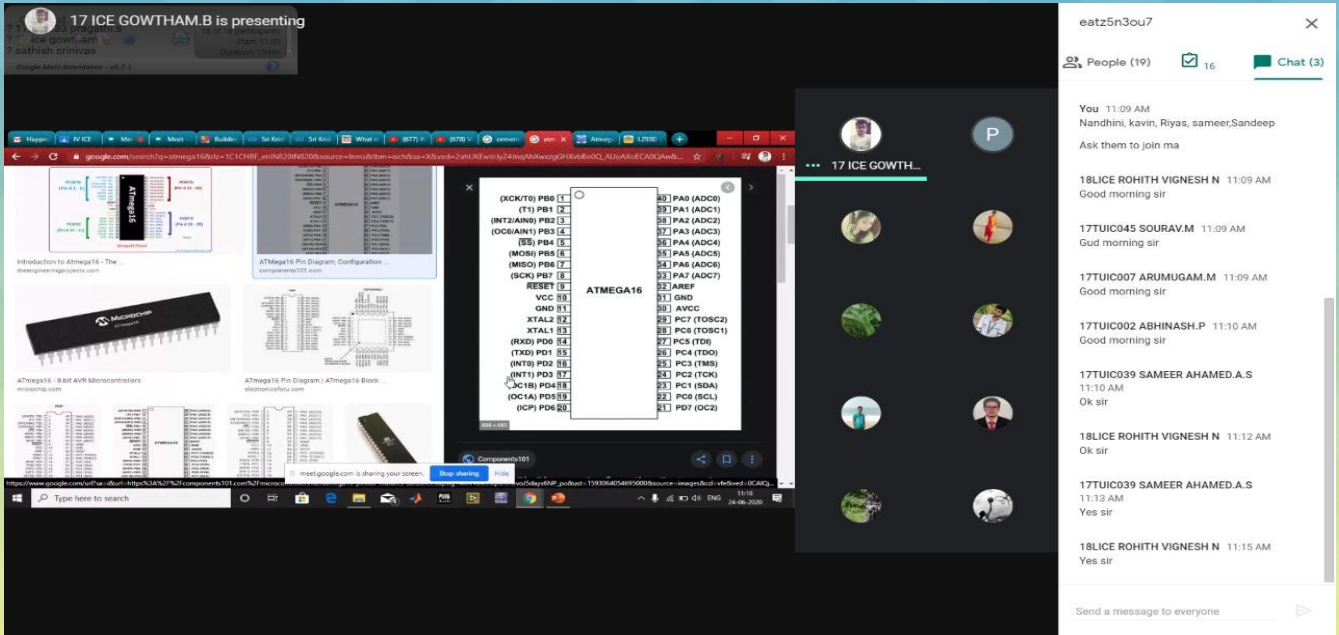
Dr. S A Hariprasad, Director,
Faculty of Engineering & Technology

Dr P Santhosh, Asst. Professor, Dept. of EEE, participated in the National-Level Online Technical Quiz on "**Emerging Trends in Power Electronics & Renewable Energy Systems**" conducted by the Dept. of Electrical and Electronics Engineering, Faculty of Engineering and Technology, JAIN (Deemed-to-be University), Bengaluru.

STUDENTS' SEMINAR



ICE | STUDENT SEMINAR ON SEMI - PROGRAMMED ROBOTS - LINE FOLLOWER ROBOT



Mr Gowtham of Final Year B.E. ICE presented an Online Seminar on **“Semi-programmed Robots-line Follower Robot”** on 24 June 2020.

NEW VISTAS OF LEARNING



MECH | WEBINAR ON OVERVIEW OF APPLIED ENGINEERING PRACTICES - DIE CASTING PROCESS

Zoom Meeting 40-Minutes | You are viewing Muthu Saravanan's screen | View Options

Participants (30)

Find a participant

PM Prince Muthiah (Me) [M] Muthu Saravanan (Host) [S] Sampath [19TUME005 AJAYA] [19TUME245 VIJAYANDRAHARI...]

Zoom Group Chat

S.Gowtham.Hindusthan College of Engineering and Technology, Coimbatore.

From Me to Sri Pragash: (Privately) Pls introduce yourself in the grp. This is Dr.Prince

From Shaheed Mushreef.S to Everyone: Good morning. This is Shaheed Mushreef from Mepco schlenk Engineering college, Sivakasi

To: Sri Pragash (Privately) Type message here...

Unmute Start Video Participants Chat Share Screen Record Reactions Leave



HIGH PRESSURE DIE CASTING



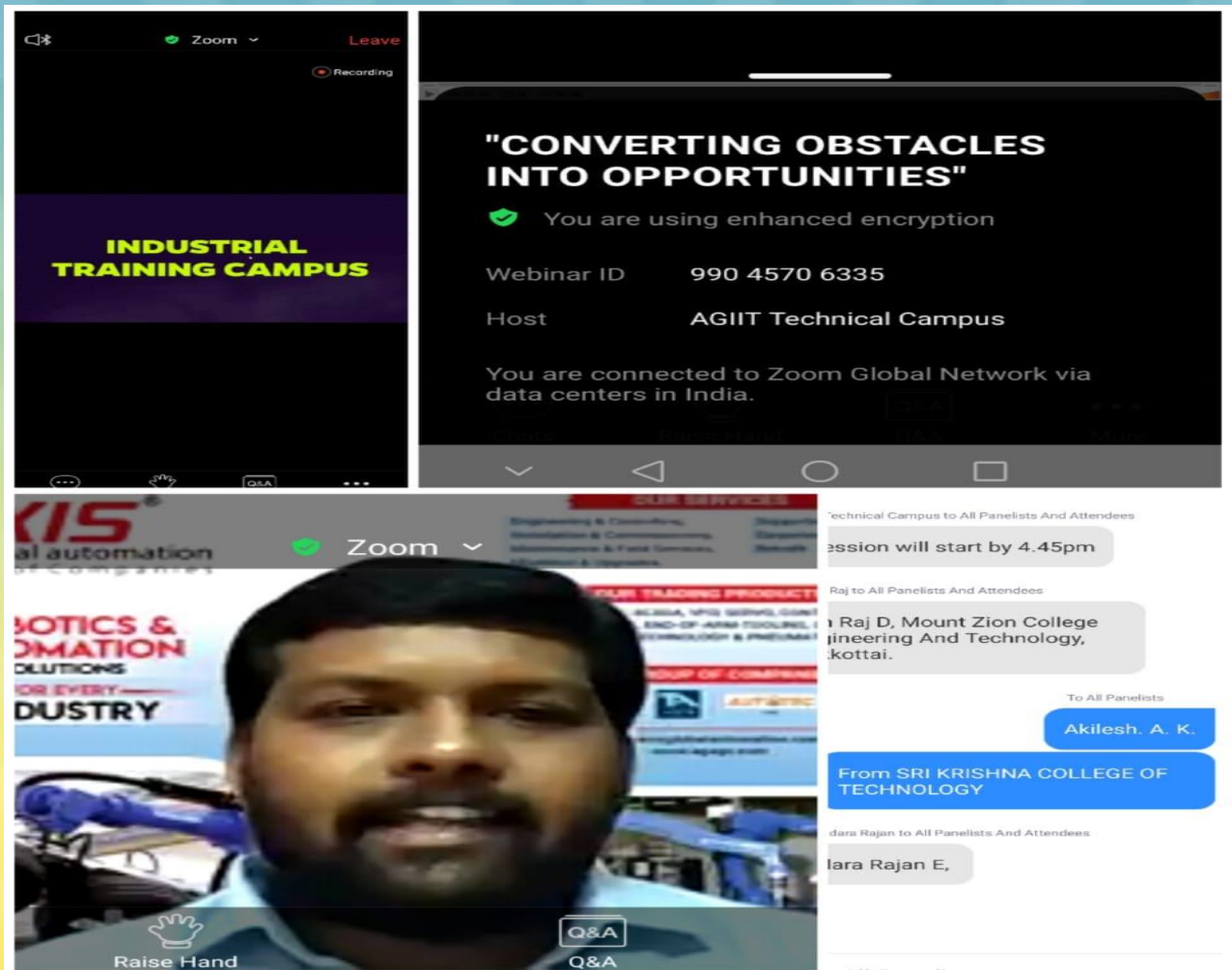
Corporate Training & Development Centre

BBK/SP/00

4

Dr M Prince, Professor and Dr Suresh Babu, Assoc. Professor, Dept. of Mechanical Engineering, attended a Virtual Industrial Training Program on "**Overview of Applied Engineering Practices - Die Casting Process**" organized by Roots Industries, Coimbatore on 19 June 2020.

MECH | WEBINAR ON CONVERTING OBSTACLES INTO OPPORTUNITIES



Dr M Prince, Dr R Srinivasan, Dr T Prithar, Professors, Dr Suresh Babu, Assoc. Professor, Mr P Arun Karthick, Mr S Ramkumar and Mr K Umanath Asst. Professors. Dept. of Mechanical Engineering, attended a Webinar on **“Converting Obstacles into Opportunities”** facilitated by Smt. Latha Pandiarajan, Director Ma Foi Strategic Consultants, Chennai. The event was organized by Axis Global Institute of Industrial Training, Tiruchirappalli on 20 June 2020.

CIVIL | WEBINAR ON EIA WITH SPECIAL REFERENCE TO WATER RESOURCES PROJECTS



Dr V Sreevidya, Assoc. Professor and Mr T P A Aravind, Asst. Professor, Dept. of Civil Engineering, attended a Webinar on “EIA with Special Reference to Water Resources Projects” jointly organized by ASCE Student Chapter of Federal Institute of Science & Technology and KSCSTE – CWRDM on 22 June 2020.

MECH | WEBINAR ON FUTURE OF EDUCATION

CERTIFICATE
OF PARTICIPATION



Presented to

C.No: S255665

DHIVAGAR RAMASAMY

for participating in the Online Super Session on

Future of Education

Expert session by Prof. D P Singh

conducted on 18 June 2020 (4.00 - 5.00 PM) by ICT Academy.

M Sivakumar
Chief Executive Officer

Mr R Dhivagar, Asst. Professor, Dept. of Mechanical Engineering, attended a Webinar on “**Future of Education**” facilitated by Prof D P Singh organized by ICT Academy on 18 June 2020

ECE | WEBINAR ON SCOPE OF MACHINE LEARNING IN
AUTOMOTIVE INDUSTRY

Accredited by NBA | AICTE Sponsored Management Mentor Institution
DST-FIST Supported Institution | ISO 9001:2015 Certified
Recognized under Section 2(f) & 10(B) of the UGC Act, 1956
Vannarpettai, Tirunelveli - 627003

DEPARTMENT OF INFORMATION TECHNOLOGY

CERTIFICATE OF PARTICIPATION

This is to certify that

Jaishree Murugesan

of **SRI KRISHNA COLLEGE OF TECHNOLOGY** has participated in the webinar on “Scope of Machine Learning in Automotive Industry” presented by Er.Ramkumar Kottursamy, Functional safety & SOTIF architect at Aptiv services , Germany, organized by Department of Information Technology of Francis Xavier Engineering College on 25th June 2020.

Mr.D.Joseph Puspharaj, AP/IT
Coordinator
Department of Information Technology
FXEC

Prof.T.C.Subbu Lakshmi
Head of the Department
Department of Information Technology
FXEC

Dr.V.Velmurugan
Principal
FXEC



Ms M Jaishree, Asst. Professor, Dept. of ECE, attended a Webinar on “Scope of Machine Learning in Automotive Industry” organized by Francis Xavier Engineering College, Tirunelveli on 25 June 2020.

IT | WEBINAR ON SCOPE OF MACHINE LEARNING IN
AUTOMOTIVE INDUSTRY

Accredited BY NBA | AICTE Sponsored Margdarshan Mentor Institution
DST-FIST Supported Institution | ISO 9001:2015 Certified
Recognized under Section 2(f) & 12(B) of the UGC Act, 1956
Vannarpettai, Tirunelveli - 627003

DEPARTMENT OF INFORMATION TECHNOLOGY

CERTIFICATE OF PARTICIPATION

This is to certify that

Dr.A.Christy Jeba Malar

of Sri Krishna College of Technology has participated in the webinar on “Scope of Machine Learning in Automotive Industry” presented by Er.Ramkumar Kottursamy, Functional safety & SOTIF architect at Aptiv services , Germany, organized by Department of Information Technology of Francis Xavier Engineering College on 25th June 2020.

Mr.D.Joseph Puspharaj, AP/IT
Coordinator
Department of Information Technology
FXEC

Prof.T.C.Subbu Lakshmi
Head of the Department
Department of Information Technology
FXEC

Dr.V.Velmurugan
Principal
FXEC



Dr A Christy Jebamalar, Assoc. Professor, Dept. of IT, participated in the Webinar on “**Scope of Machine Learning in Automotive Industry**” on 25 June 2020 organized by Francis Xavier Engineering College, Tirunelveli.

ICE | AWS WEBINAR ON SECURING INDUSTRIAL INTERNET OF THINGS (IIOT) APPLICATIONS WITH AWS IOT

Securing Industrial Internet of Things (IIoT) Applications with AWS IoT

Ryan Dsouza, Industrial IoT Solution Architect, AWS

Syed Rehan, Specialist IoT Solution Architect, AWS

Alerts

Know when and what to investigate

Alerts generated based on identified anomalies and audit findings

Alerts sent to AWS IoT Console, Amazon CloudWatch, and Amazon SNS

Review historical and contextual information at individual device or resource level for audit non-compliance or device behavior anomaly detection

View recommended actions to minimize the impact of potential security issues



aws

Dr T Chinnadurai and Dr M Karthigai Pandian, Assoc. Professor, Dept. of ICE, attended the Live Online Webinar on “Securing Industrial Internet of Things (IIoT) Applications with AWS IoT” facilitated by Mr Ryan Dsouza, Industrial IoT Solution Architect, AWS on 22 June 2020.

ICE | AWS WEBINAR ON THE BUSY IT MANAGER'S GUIDE TO ENCRYPTION

The Busy IT Manager's Guide to Encryption

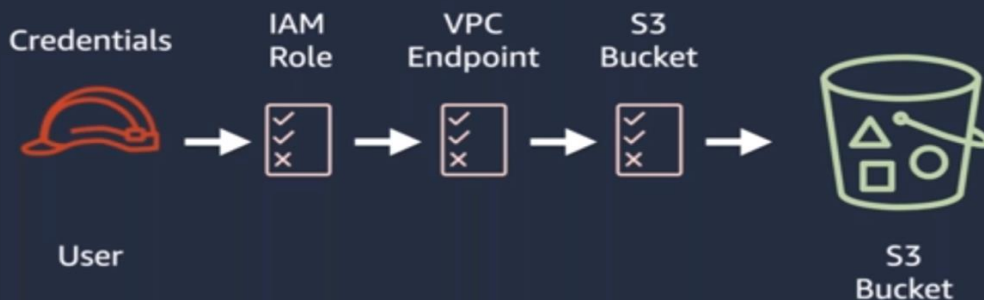
Spencer Janyk
 Sr. Product Manager-Tech
 AWS Cryptography

Paul Radulovic
 Software Manager
 AWS Cryptography

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Defense-in-Depth

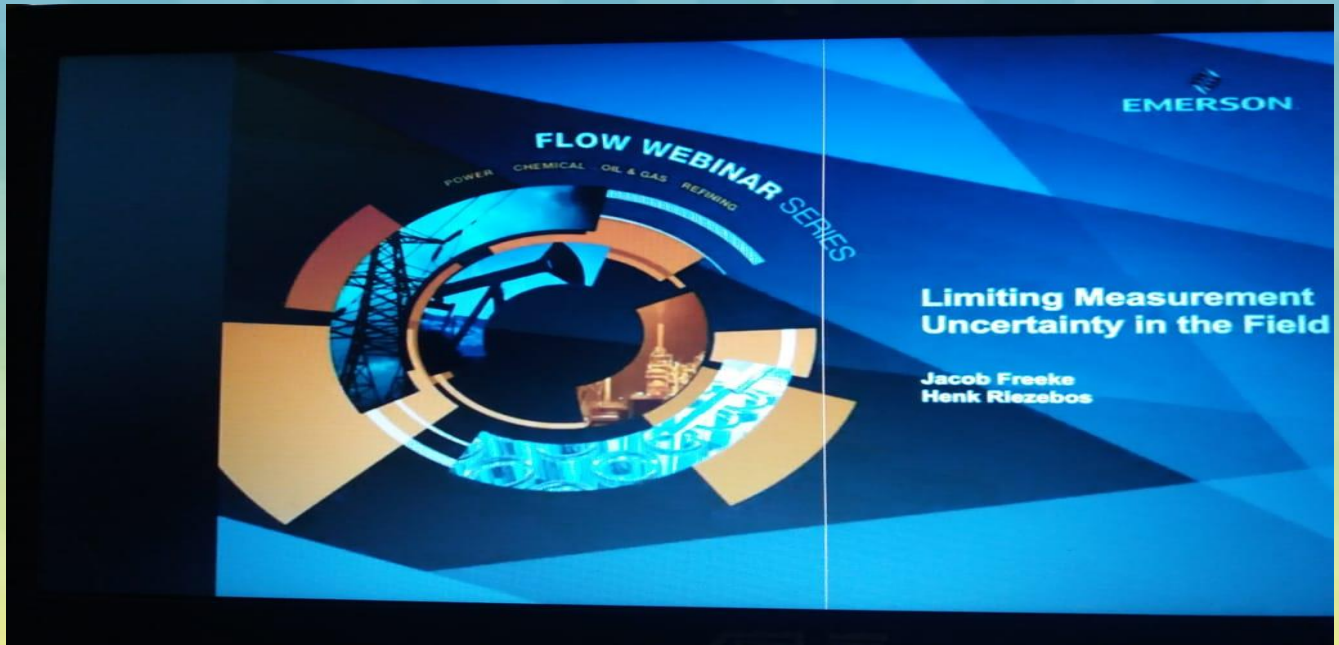


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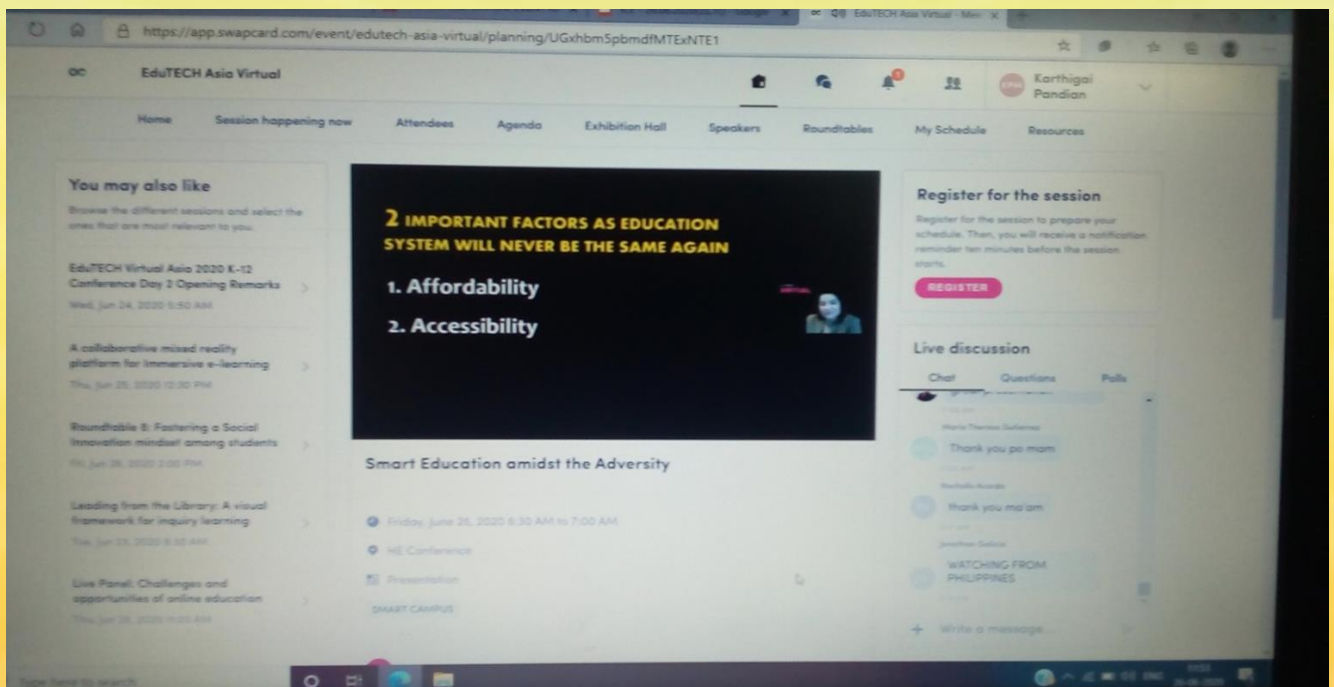
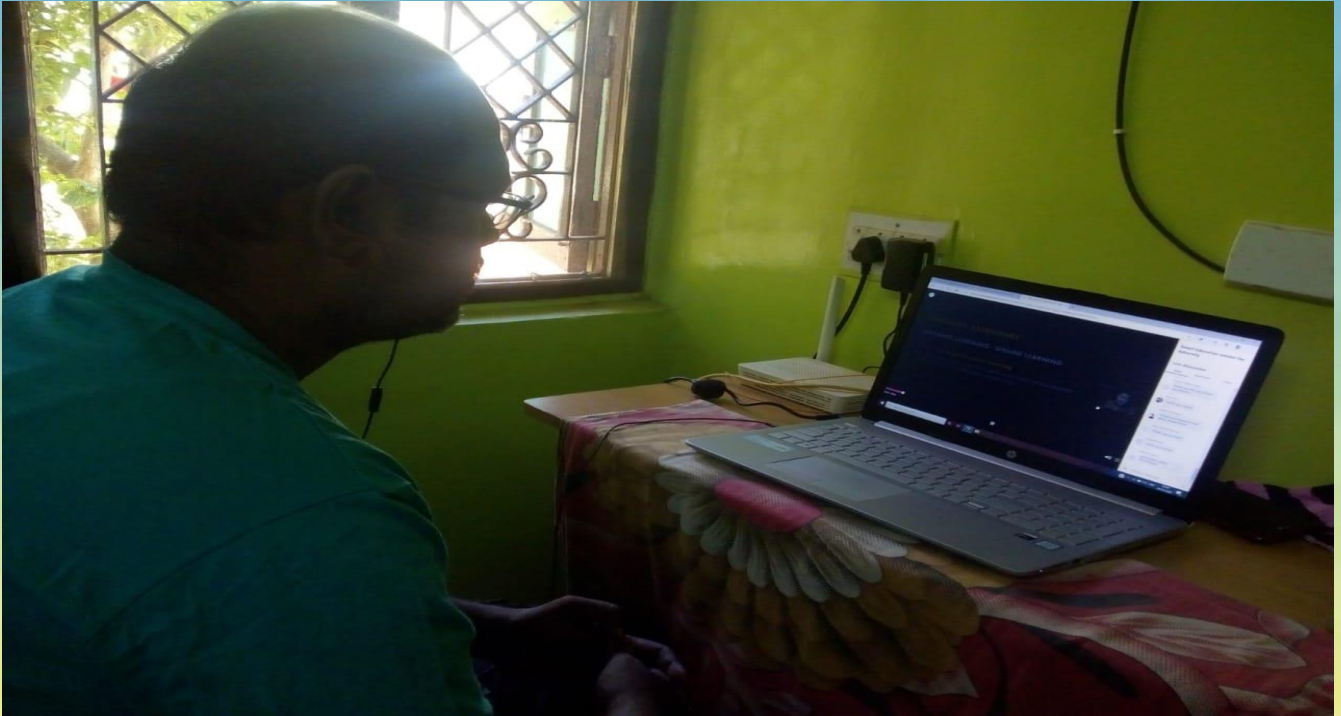
Mr K Saravanakumar and Mr J Dhanaselvam, Asst. Professors, Dept. of ICE, attended the Live Online Tech Talks on **“The Busy IT Manager's Guide to Encryption”** facilitated by Mr Spencer Janyk, Product Manager-Technical, AWS on 24 June 2020.

ICE | WEBINAR ON LIMITING FLOW MEASUREMENT UNCERTAINTY IN THE FIELD



Ms K Shanthi, Asst. Professor, Dept. of ICE, attended a Webinar on **“Limiting Flow Measurement Uncertainty in the field”** facilitated by Jacob Freeke and Henk Reizebos, Product Engineer, Emerson Process Management on 26 June 2020.

ICE | VIRTUAL CONFERENCE | EDUTECH VIRTUAL ASIA



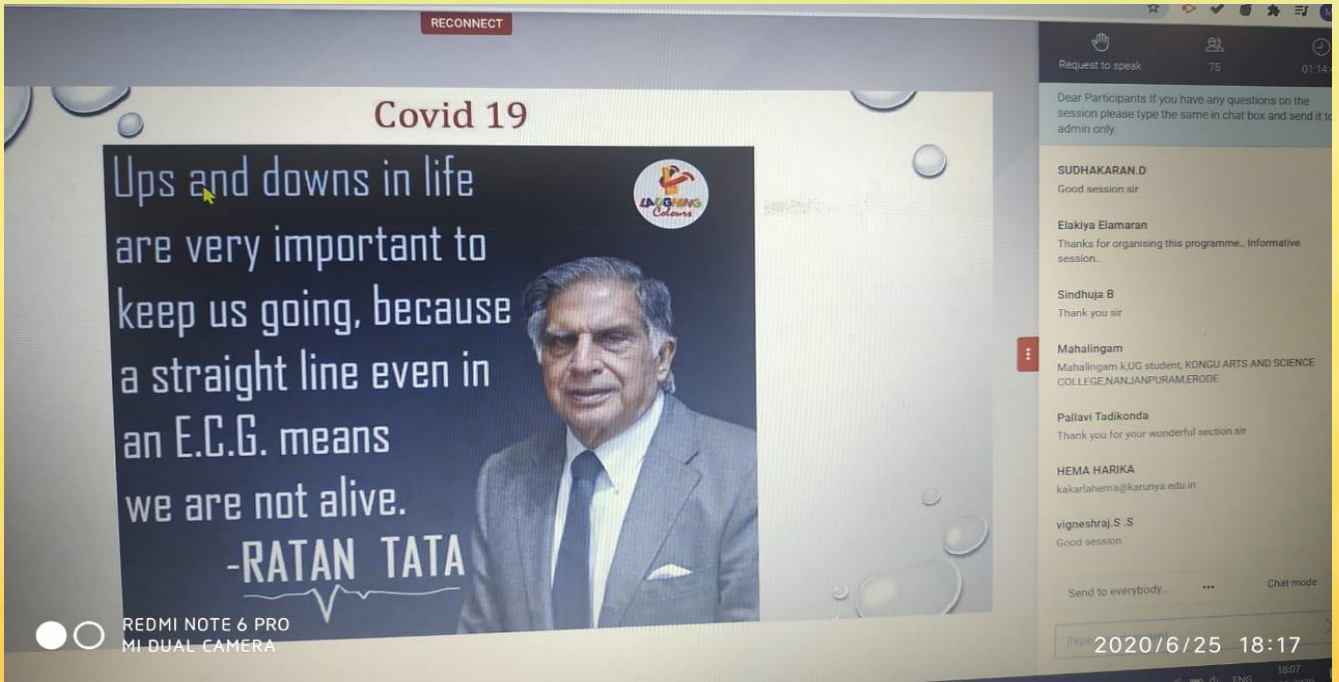
Dr M Karthigai Pandian, Assoc. Professor, Dept. of ICE, attended “**EduTech Virtual Asia**”, the first ever virtual event for Asian Educators organized by EduTech during 23 - 26 June, 2020.

SoM | WEBINAR ON SURVIVING THE DISRUPTION AND UNCERTAINTY IN HIGHER EDUCATION



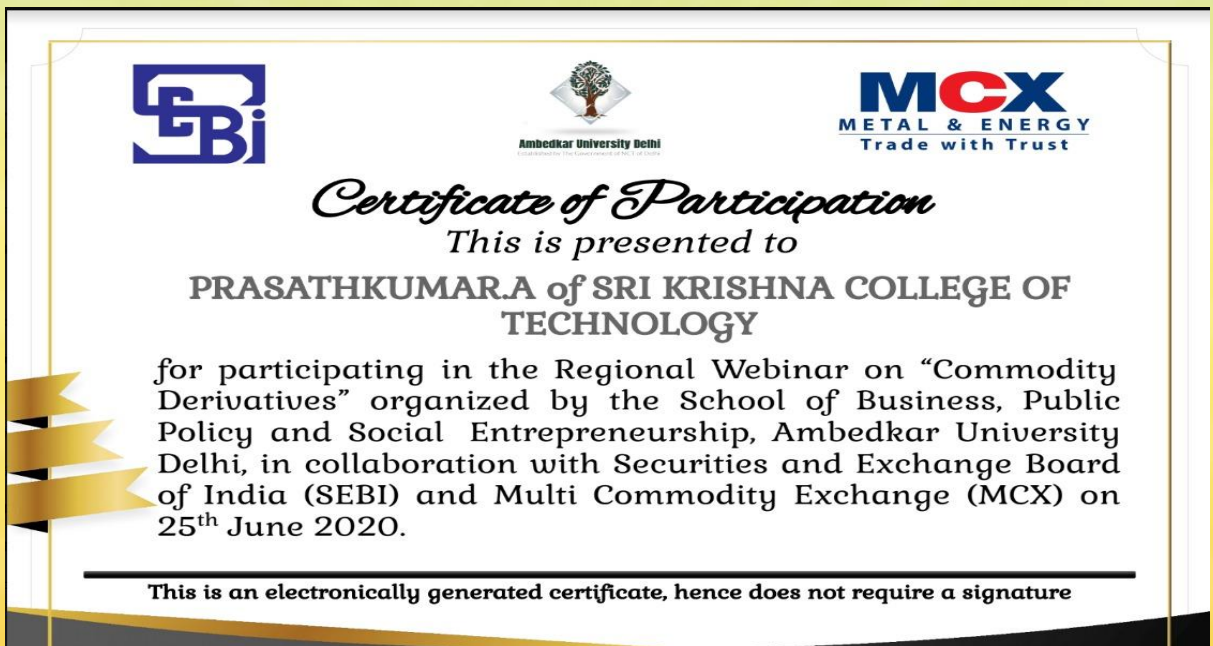
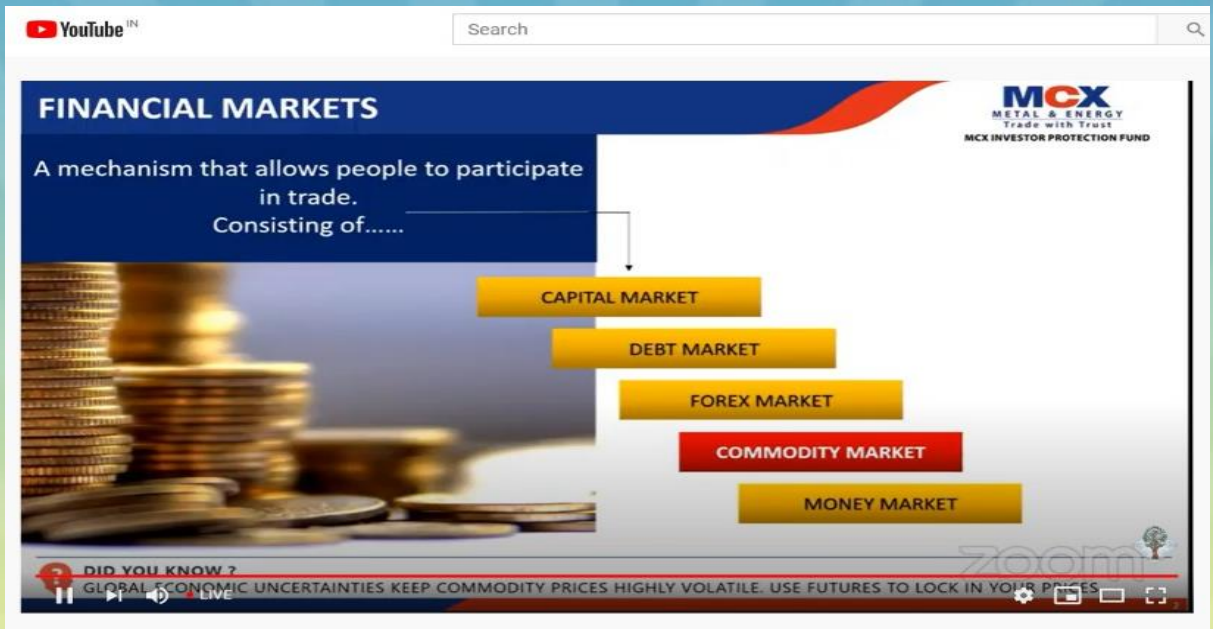
Members of Faculty in the School of Management attended a Webinar on “**Surviving the Disruption and Uncertainty in Higher Education**” facilitated by Michael Horn and Dr Paul LeBlanc, Harvard Business School on 24 June 2020.

SoM | WEBINAR ON ENTREPRENEURSHIP



Members of Faculty in the School of Management attended a Webinar on **“Entrepreneurship”** facilitated by Shri Sherin Sam Jose, CEO-Startups Valley TBI on 25 June 2020.

SoM | WEBINAR ON COMMODITY DERIVATIVES



Mr A Prasath Kumar, Asst. Professor, School of Management, attended a Webinar on “**Commodity Derivatives**” organized by the School of Business, Public Policy and Social Entrepreneurship, Ambedkar University, Delhi in collaboration with SEBI and MCX on 25 June 2020.

IT | WEBINAR ON AWS CLOUD SERVICES



Dr D Jeyabharathi, Asst. Professor, Dept. of IT, attended a Webinar on “AWS Cloud Services” conducted by Sri Ramakrishna Institute of Technology, Coimbatore on 18 June 2020.

IT | WEBINAR ON AI FOR SMART HEALTH CARE SYSTEMS

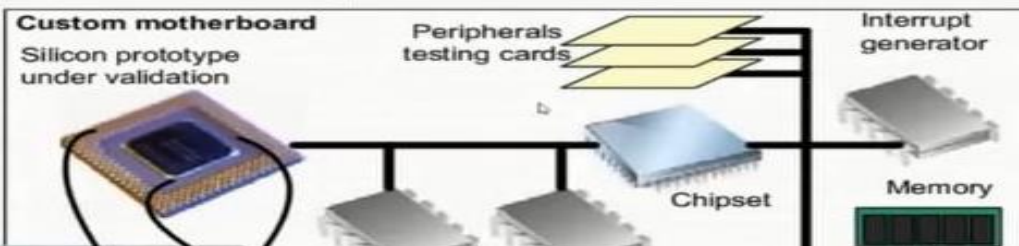
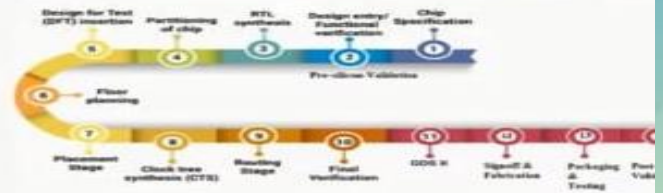
Ms V Roopa, Asst. Professor, Dept. of IT, completed a One-day Practical Webinar on “AI for Smart Health Care Systems” organized by Kumaraguru College of Technology, Coimbatore on 17 June 2020.



ECE | WEBINAR ON ASIC DESIGN FLOW AND IMPORTANCE OF PRE-SILICON VALIDATION

14 . Post –Silicon Validation

- Post-silicon validation encompasses all that validation effort that is poured onto a system after the **first few silicon prototypes** become available, but before product release.
- Once all test passed Bulk TO will happen ,else ECO will happen



We do verification and why we still need Emulation/FPGA platforms ?



✓ Increasing gate count of the SOC designs . A typical SOC now a days contains approx 50 million gates .
Simulators are practically not that efficient in terms of Performance to handle such big designs

✓ To support Firmware/Bios development activity tested and validated before chip tape-out . This cannot be Achieved in verification environment

✓ All Corner and negative scenarios can be evaluated easily with less time compared to verification environment

✓ Complete boot up sequence and reset release sequence can be evaluated on the platform in seconds .

event.xelbinagam.com is sharing your screen. Stop sharing Hide



Dr Senoj Joseph, Assoc. Professor, Mr M Navin Kumar and Ms N Agnes Shiny Rachel, Asst. Professors, Dept. of ECE, attended a Webinar on “**ASIC Design Flow and Importance of Pre-silicon Validation**” organized by Chennai Institute of Technology, Chennai on 12 June 2020.

ECE | WEBINAR ON RECENT TRENDS AND TECHS IN
GLOBAL COMMUNICATION

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE OF PARTICIPATION

Vijayalakshmi Nanjappan

of

SRI KRISHNA COLLEGE OF TECHNOLOGY

has actively participated in the webinar on "Recent Trends and Techs in Global Communication"

Presented by Mr. Babukannan Balakrishnan, Head of Technology, Parrot Solutions Pte Ltd,

Singapore on 24.06.2020.

A handwritten signature in red ink.

Dr. SRIGITHA S NATH
ASSO. DEAN - ECE, MED. ELEC, BME

A handwritten signature in green ink.

Dr. R. RAMESH
PRINCIPAL

Ms N Vijayalakshmi, Asst. Professor, Dept. of ECE, attended a Webinar on "**Recent Trends and Techs in Global Communication**" organized by Saveetha Engineering College, Chennai on 24 June 2020.

ECE | WEBINAR ON TRANSFORMATION OF 5G AND WIFI 6

EVOLUTION OF WI-FI

THE PATH TO TRULY

802.11n (2007) | 802.11ac (2013) | 802.11ax (2019)

- 4x BETTER IN DENSE ENVIRONMENTS**
Improve average throughput per user by at least four times in dense or congested environments
- FASTER THROUGHPUT**
Deliver up to 40 percent higher peak data rates for a single client device
- INCREASE NETWORK EFFICIENCY**
By more than four times
- EXTEND BATTERY LIFE**
Of client devices

Chat messages:

- Jyoti Arora 11:54 am: useful session
- Ramagiri Kiran 11:56 am: feedback submitted
- suneel Raju 11:57 am: submitted
- Surekha Dhanushkodi 11:58 am: send feedback form link

THE CHALLENGES

Driving | Office | Walk to lunch | Restaurant | Public Spaces

Seamless Onboarding

Cost Optimized Access

- As LTE/5G coverage and cost improves, users may just stay on cellular.
- Provide the best experience, to the most customers, anywhere, at the

Path Selection + Handoff

- Enables strategic, next-generation technologies such as
 - intelligent path selection
 - multi-path
 - indoor to outdoor cellular to

Chat messages:

- Jyoti Arora 11:54 am: useful session
- Ramagiri Kiran 11:56 am: feedback submitted
- suneel Raju 11:57 am: submitted
- Surekha Dhanushkodi 11:58 am: send feedback form link

Ms N Vijayalaskshmi, Asst. Professor, Dept. of ECE, attended a Webinar on “**Transformation of 5G and Wi-Fi 6**” organized by Loyola Institute of Technology, Chennai on 25 June 2020.

ICE | WEBINAR ON SURVIVING THE DISRUPTION AND UNCERTAINTY IN HIGHER EDUCATION

Dr T Chinnadurai, Assoc. Professor, Dept. of ICE, attended a Live Online Webinar on “**Surviving the Disruption and Uncertainty in Higher Education**” organized by Harvard Business Publishing Education, USA on 24 June 2020.

**ICE | WEBINAR ON GET MORE OUT REMEDY WITH
MACHINE LEARNING**

Ms K Shanthi and Mr Ajith B Singh, Asst. Professors, Dept. of ICE, attended a Webinar on **“Get More out Remedy with Machine Learning”** by Edward Markowitz, VP Business Development and Hemanshu Rukadikar, Product Manager, Automation Edge on 23 June 2020.

IT | WEBINAR ON FUTURE SKILLS: AUGMENTED REALITY AND VIRTUAL REALITY

MIT Art Design and Technology University, Pune

MIT School of Engineering



Certification ID:
JM5BI8-CE000042

Certificate of Appreciation gladly presented to

Roopa V

on successful completion of the webinar on “**Future Skills: Augmented Reality and Virtual Reality**” conducted by CSE-IT Department, MIT School of Engineering, MIT Art Design and Technology University, Pune on 21st-June-2020.

GRANTED: 21/06/2020

Dr. Rekha Sugandhi
Head - Dept. of Information
Technology, MITSOE, Pune.

Dr. Rajneeshkaur Sachdeo
Dean (Engineering) Head - Dept. of CSE
MITSOE, Pune.

Dr. Kishore Ravande
Dean- Research & Consultancy cell,
Principal, MITSOE, Pune.

Ms V Roopa, Asst. Professor, Dept. of IT, successfully completed a Webinar on “**Future Skills: Augmented Reality and Virtual Reality**” organized by MIT Art Design and Technology University, Pune on 21 June 2020.

ECE | WEBINAR ATTENDED | CYBER PHYSICAL SYSTEMS AND ITS APPLICATION USING LABVIEW



Mr S Ganesh Prabhu, Asst. Professor, Dept. of ECE, attended a Webinar on “**Cyber Physical Systems and its Application using LabVIEW**” organized by Mohamed Sathak A J college of Engineering on 24 June 2020.

SKCT | WEBINAR ON LAUNCH OF MASSIVE INDIAN NOVELTY DEPOSITORY



Launch of MIND Massive Indian Novelty Depository

For Submissions of Innovations, Technologies, Startups details from Higher Education Institutes
Date of Launch: 23rd June 2020
Time: 12:00 PM

Participate in this initiative!

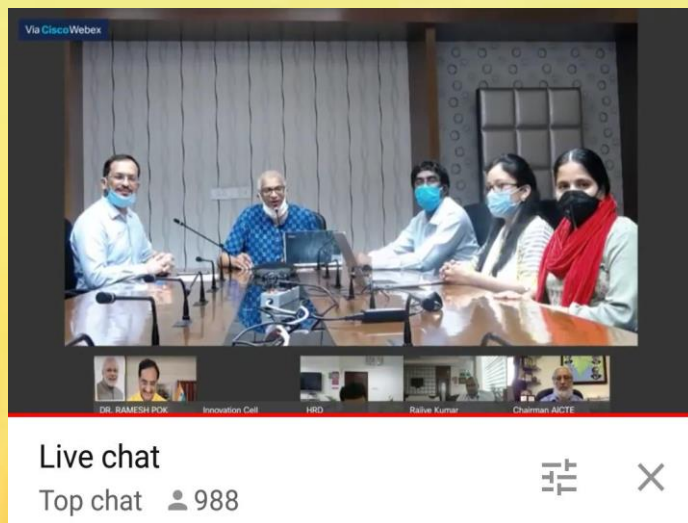
Students, Faculty, Startups from all education institutes; Incubators and Investors are invited to participate

Dr. Ramesh Pokhriyal 'Nishank'
Hon'ble Minister
Human Resource Development

Shri Sanjay Shamrao Dhotre
Minister of State
Human Resource Development

Prof. Anil Sahasrabudhe
Chairman, AICTE

[@DrRPNishank](#) [DrRPNishank](#) [mhrdinnovationcell](#)



Members of Faculty and Students of Sri Krishna College of Technology attended the Launch of 'MIND' (Massive Indian Novelty Depository), an initiative of MHRD's Innovation Cell for Higher Education Institutes, by Hon'ble Minister of HRD on 23 June 2020.

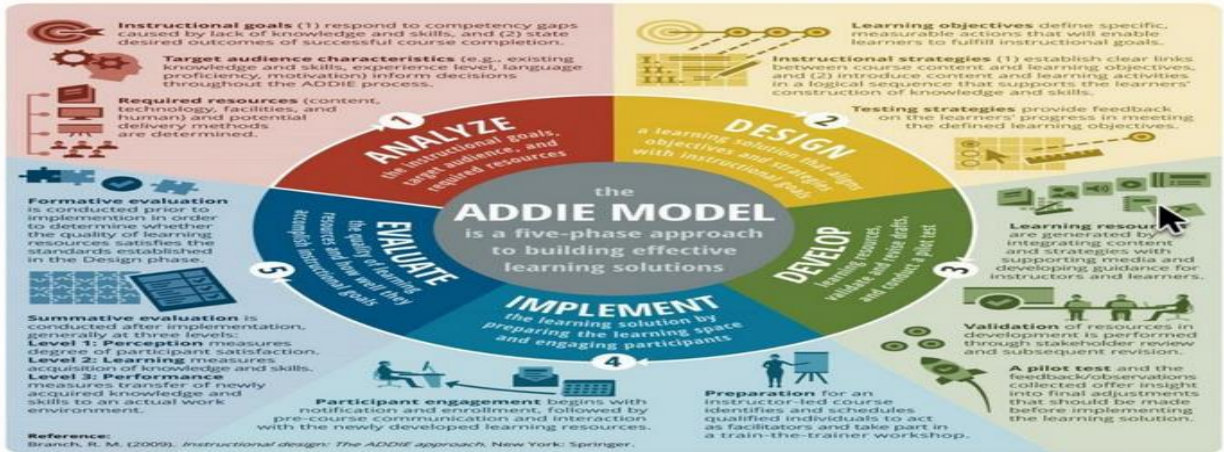
FDPs ATTENDED



**Faculty
Development
Program**

IT | ATAL FDP ON AUGMENTED REALITY AND VIRTUAL REALITY

Dr. Alpa Shah is talking



Spoorthi B is talking

GET TO KNOW GEN Z



- BORN BETWEEN 1995 - 2015
- THEY CARE ABOUT THE PLANET
- THEY HAVE ALWAYS BEEN CONNECTED...
- *Is there life before wifi?*
- THEY ARE DIVERSE, RACIALLY AND ETHNICALLY
- OPEN TO SEXUAL FLUIDITY
- INDEPENDENT
- JUSTICE MINDED
- MAY NOT GROW UP WITH RELIGION, BUT ARE OPEN TO FAITH

WHO IS GENERATION Z?

ANYONE BORN BETWEEN THE MID 90s AND THE EARLY 2000s

[LIFEWAY, 2017](#)

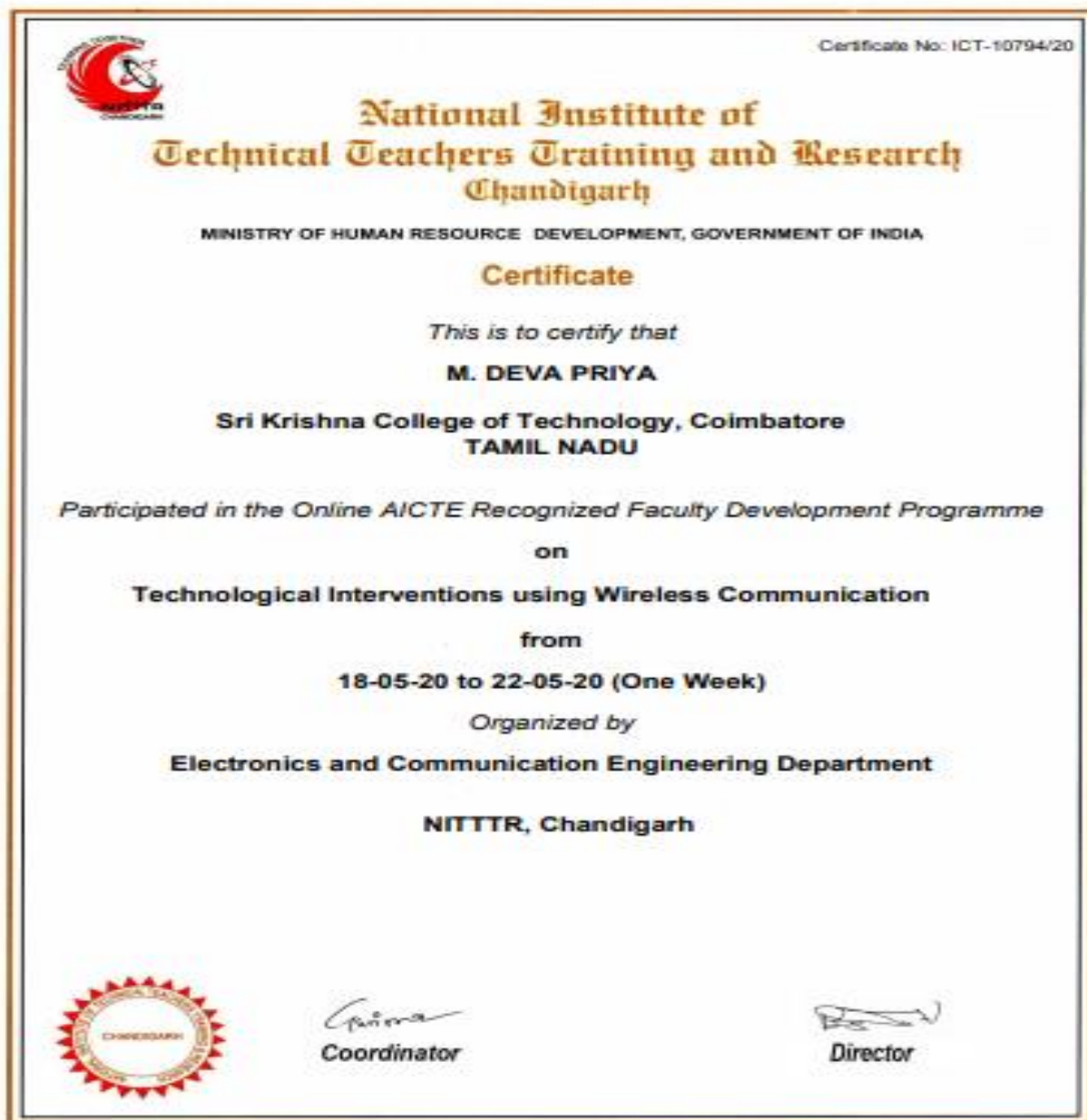
Ms V Roopa and Ms K Mythili, Asst. Professors, Dept. of IT, attended a five-day ATAL Faculty Development Program on “Augmented Reality and Virtual Reality” organized by NIT Warangal during 16 - 20 June 2020.

IT | ATAL FDP ON BLOCKCHAIN

The screenshot shows a Zoom meeting interface. The main content is a presentation slide titled "Blockchain ecosystem and structure". The slide contains a diagram illustrating the blockchain process: "Someone requests a transaction" (represented by a laptop), "The network of nodes validates the transaction and the user's status using known algorithms" (represented by a network of nodes), "The transaction is complete" (represented by a smartphone), "The new block is then added to the existing blockchain, in a way that is permanent and unalterable" (represented by a block being added to a chain), and "Once verified, the transaction is combined with other transactions to create a new block of data for the ledger" (represented by a ledger). The Zoom interface includes a top bar with a recording notice, a left sidebar with navigation options, and a bottom toolbar with various controls and participant avatars.

The screenshot shows a Zoom meeting interface with a hand-drawn diagram on a whiteboard. The diagram illustrates a network of nodes labeled A, B, C, D, E, and F. Node A is connected to B, B to C, C to D, D to E, and E to F. Node A is also connected to C, C to E, and E to B. A coin icon is drawn near node F. To the right of the diagram, there is a handwritten note: "A → B -> BTC" and a drawing of a stack of banknotes labeled "100 bank". The Zoom interface includes a top bar with a recording notice, a left sidebar with navigation options, and a bottom toolbar with various controls and participant avatars.

Ms S Madumidha, Asst. Professor, Dept. of IT, attended Day 2 session of a five-day ATAL Faculty Development Program on “**Blockchain**” organized by JNTUA College of Engineering, Pulivendula during 22 - 26 June 2020.

**CSE | NITTTR FDP ON TECHNOLOGY INTERVENTION
USING WIRELESS NETWORKS**

Dr M Deva Priya, Assoc. Professor, Dept. of CSE, attended a Faculty Development Programme on “**Technology Interventions Using Wireless Networks**” during 18 - 22 May 2020 organized by NITTTR, Chandigarh.

IT | FDP ON ICT/LMS TOOLS FOR TEACHING AND
LEARNING

Excelssior Education Society's
K. C. College of Engineering & Management
Studies & Research, Thane (E)



Certificate of Participation

THIS IS PRESENTED TO

Dr D. Jeyabharathi

of Sri Krishna College of Technology for participating in
"4 Days of FDP Program on ICT/LMS Tools for Teaching & Learning"
organised by Department of Information Technology & IQAC of
K.C. College of Engineering & Management Studies & Research,
Thane (E) from 16th June 2020 to 19th June 2020.

Prof. Amarja Adgaonkar

HOD & Convenor

Dr. Arundhati Chakrabarti

Vice Principal &
IQAC Co-ordinator

Dr. Vilas Nitnaware

Principal

Prof. Shubhangi Verulkar

Co-ordinator

Prof. Bharti Khemani

Co-ordinator

Dr D Jeyabharathi, Asst. Professor, Dept. of IT, successfully completed a four-day Faculty Development Program on "ICT/LMS Tools for Teaching & Learning" organized by K.C.College of Engineering & Management Studies & Research, Thane, Maharashtra during 16 - 19 June 2020.

ECE | NITTTR FDP ON RESEARCH TRENDS IN VLSI DESIGN



Dr R Udaiya Kumar, Professor and Head, Dept. of ECE and Ms Yamini Shanmugam, Asst. Professor, Dept. of ECE, attended a Faculty Development Programme on “**Research Trends in VLSI Design**” organized by NITTTR, Chandigarh during 25 - 29 May 2020.

ECE | NITTTR FDP ON PROGRAMMING USING MATLAB



Mr R R Thirrunavukkarasu, Asst. Professor, Dept. of ECE, attended a Faculty Development Programme on “**Programming using MATLAB**” organized by NITTTR, Chandigarh during 8 - 12 May 2020.

ECE | FDP ON EFFECTIVE ONLINE TEACHING METHODS

**Dr. N.G.P. INSTITUTE OF TECHNOLOGY**

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai Recognized by UGC)

Accredited by NAAC & NBA (BME, CSE, ECE, EEE & MECH)

Dr. N.G.P, Kalapatti Road, Coimbatore-641 048.

DEPARTMENT OF CIVIL ENGINEERING**Certificate of Participation**

THIS IS TO CERTIFY THAT


JAISHREE MURUGESAN

has successfully participated in one week online Faculty Development Programme on "Effective Online Teaching Methods" from June 8 - 14, 2020 organised by the Department of Civil Engineering, Dr.N.G.P IT, Coimbatore.

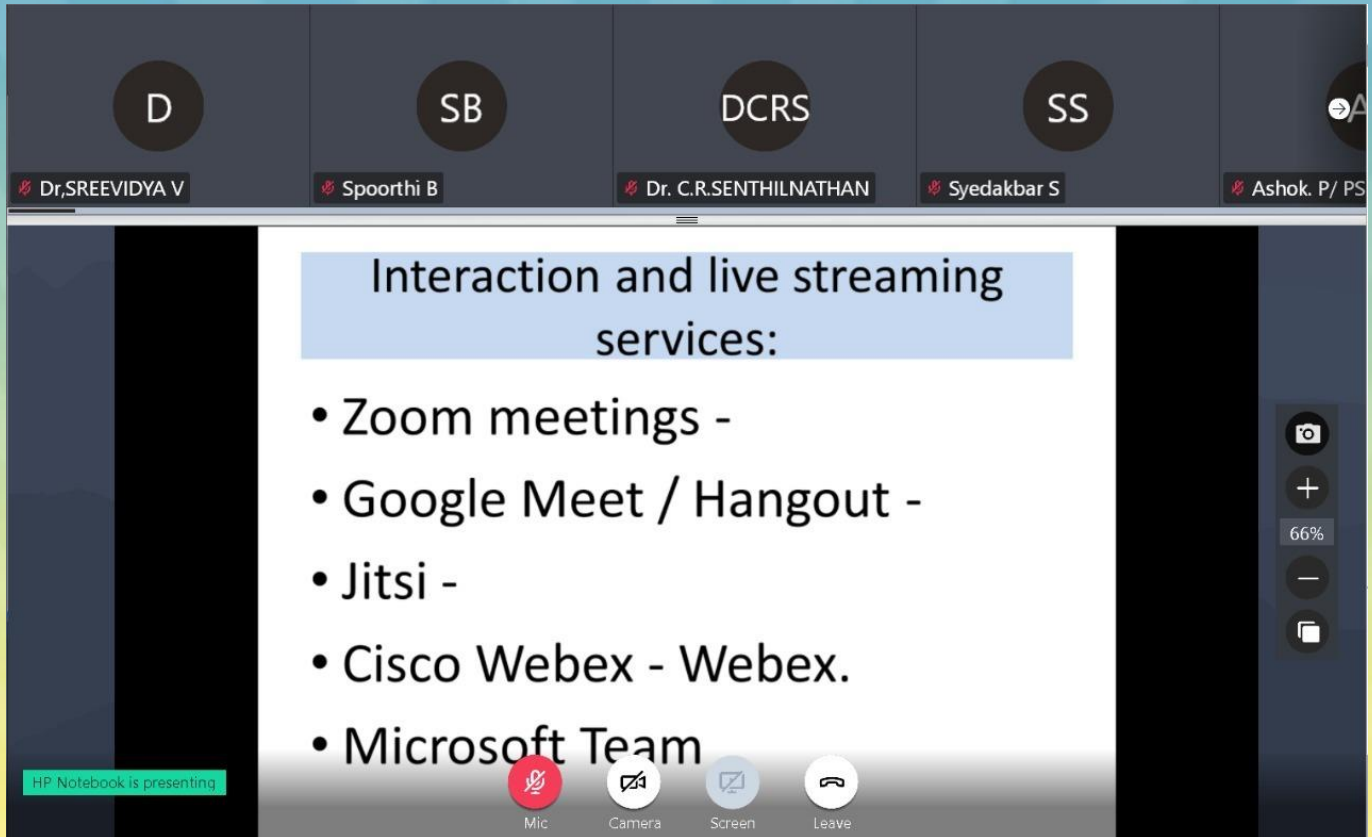
Certificate No: SYRCYG-CE000182


DR.P.MUTHUPRIYA
HOD/ Civil




DR.K.PORKUMARAN
Principal

Ms M Jaishree, Asst. Professor, Dept. of ECE, attended a Faculty Development Programme on "**Effective Online Teaching Methods**" organized by Dr NGP Institute of Technology, Coimbatore during 8 - 14 June 2020.

**CIVIL | ATAL FDP ON VIRTUAL REALITY IN EDUCATION
2020**

The screenshot shows a Zoom meeting interface. At the top, there are five participant tiles with initials: D (Dr. SREEVIDYA V), SB (Spoorthi B), DCRS (Dr. C.R.SENTHILNATHAN), SS (Syedakbar S), and Ashok. P/ PS. The main content area displays a presentation slide with the following text:

Interaction and live streaming services:

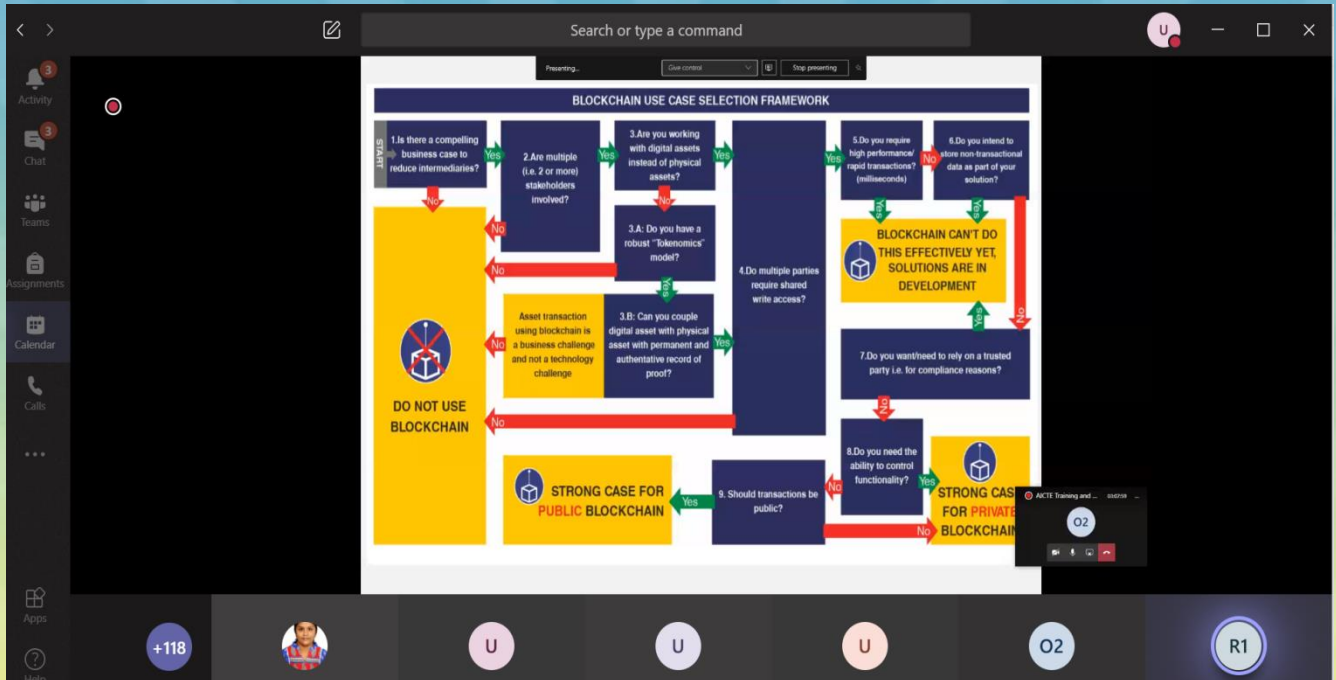
- Zoom meetings -
- Google Meet / Hangout -
- Jitsi -
- Cisco Webex - Webex.
- Microsoft Team

At the bottom of the slide, there are icons for Mic, Camera, Screen, and Leave. A status bar at the bottom left indicates "HP Notebook is presenting". On the right side of the meeting window, there are controls for camera, volume, and a 66% zoom level.



Dr V Sreevidya, Assoc. Professor, Dept. of Civil Engineering, attended the AICTE Training and Learning (ATAL) Faculty Development Program on “**Virtual Reality in Education 2020 (VRE-2020)**” during 16 - 20 June 2020, hosted by NIT Warangal.

IT | ATAL FDP ON BLOCKCHAIN



BLOCK CHAIN VIABILITY

- blockchain solutions can enable reductions in transaction complexity and cost, as well as improvements in transparency and fraud controls.
- The foremost question to be answered therefore, before exploring a blockchain project, is whether there is a problem or pain point that needs to be addressed, in addition to a business rationale for pursuing the investment
- As with any foundational technology, the strategic value of blockchain can only be realised if commercially viable solutions are deployed at scale.
- A McKinsey study of more than 90 blockchain use cases⁷ suggests that the initial impact will be achieved through operational efficiencies.
- Cost can be rationalized for existing processes by reducing intermediaries or the administrative effort of record keeping and transaction reconciliation.

Ms S Madumidha, Asst. Professor, Dept. of IT, attended Day 5 session of a five-day ATAL Faculty Development Program on **"Blockchain"** organized by JNTUA College of Engineering, Pulivendula, Andhra Pradesh during 22 - 26 June 2020.

IT | ATAL FDP ON CYBER SECURITY & BLOCK CHAIN



Dr R Kanmani, Assoc. Professor, Dept. of IT completed a five-day ATAL Faculty Development Program on **“Cyber Security”** organized by National Institute of Technical Teachers Training & Research, Chandigarh from 28 May to 01 June 2020.

Ms S Thenmozhi, Asst. Professor, Dept. of ECE, completed a Faculty Development Programme on **“Block Chain”** organized by AICTE Training and Learning (ATAL) Academy during 26 - 30 May 2020.



SoM | ATAL FDP ON DATA SCIENCE

No:ATAL/2020/880823





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

AICTE Training And Learning (ATAL) Academy

Certificate

This to be certified that **KARTHIKEYAN N** participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" from 11-05-2020 to 15-05-2020 at **Indian Institute of Information Technology (IIT Nagpur)**.


 Director ATAL Academies




 Coordinator

No:ATAL/2020/574145





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

AICTE Training And Learning (ATAL) Academy

Certificate

This to be certified that **SARAVANAN R** participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" from 11-05-2020 to 15-05-2020 at **Indian Institute of Information Technology (IIT Nagpur)**.


 Director ATAL Academies




 Coordinator

Mr R Saravanan, Mr N Karthikeyan, Asst. Professors, School of Management, completed AICTE - Training & Learning (ATAL) Academy-sponsored Online FDP on "Data Sciences" during 11 - 15 May 2020. The FDP was organized by Indian Institute of Information Technology (IIT) Nagpur.

IT | NITTTR FDP ON BIG DATA ANALYTICS

Certificate No: ICT-14637/20



**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate*This is to certify that***A.CHRISTY JEBAMALAR**

**SRI KRISHNA COLLEGE OF TECHNOLOGY, COIMBATORE
TAMIL NADU**

Participated in the Online AICTE Recognized Faculty Development Programme

on

Big Data Analytics

from

11-05-20 to 15-05-20 (One Week)*Organized by***Computer Science and Engineering Department****NITTTR, Chandigarh**

Mala
Coordinator

[Signature]
Director

Dr A Christy Jebamalar, Assoc. Professor, Dept. of IT, participated in the Online AICTE-recognized Faculty Development Program on “**Big Data Analytics**” during 11 - 15 May 2020 organized by NITTTR, Chandigarh.

IT | NITTTR FDP ON OUTCOME BASED CURRICULUM



Certificate No: ICT-11519/20

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate*This is to certify that***A.CHRISTY JEBA MALAR**

**SRI KRISHNA COLLEGE OF TECHNOLOGY, COIMBATORE
TAMIL NADU**

*Participated in the Online AICTE Recognized Faculty Development Programme***on****Outcome Based Curriculum****from****25-05-20 to 29-05-20 (One Week)***Organized by***Curriculum Development Centre Department****NITTTR, Chandigarh**

[Signature]
Coordinator

[Signature]
Director

Dr A Christy Jebamalar, Assoc. Professor, Dept. of IT, participated in the AICTE- recognized online Faculty Development Program on “**Outcome Based Curriculum**” during 25 - 29 May 2020 organized by NITTTR, Chandigarh.

ECE | NITTTR FDP ON RESEARCH TRENDS IN VLSI DESIGN



Ms S Kiruthiga, Asst. Professor, Dept. of ECE, completed a Faculty Development Programme on “**Research Trends in VLSI Design**” organized by NITTTR, Chandigarh during 25 - 29 May 2020.

CIVIL | FDP ON PERFORMANCE OF ENGINEERING STRUCTURES UNDER EXTREME LOADING 2020



Dr V Sreevidya, Assoc. Professor, Dept. of Civil Engineering, attended a One-Week FDP on “**Performance of Engineering Structures under Extreme Loading (PESUEL-2020)**” organised by the Dept. of Civil Engineering, Vignana Bharathi Institute of Technology, Hyderabad during 08 – 18 June 2020.

EEE | FDP ON EXPLORE ELECTRICAL ENGINEERING IN INDUSTRIAL APPLICATIONS



MANAKULA VINAYAGAR
INSTITUTE OF TECHNOLOGY



Approved by AICTE, Affiliated to Pondicherry University and Accredited by NBA
Kalitheerthalkuppam, Puducherry-605 107

CERTIFICATE OF PARTICIPATION

This is to certify that

Dr./Mr./Ms. **Mr. P. Leninpugalhanthi**

of **Sri Krishna College of Technology, Coimbatore**

has successfully attended Five day Online Faculty Development Programme on

"EXPLORE ELECTRICAL ENGINEERING IN INDUSTRIAL APPLICATIONS"

Organized by Department of Electrical & Electronics Engineering, Manakula Vinayagar Institute of Technology,
Puducherry from 15/06/2020 to 19/06/2020

Dr. C. Shanmuga Sundaram
Co-ordinator

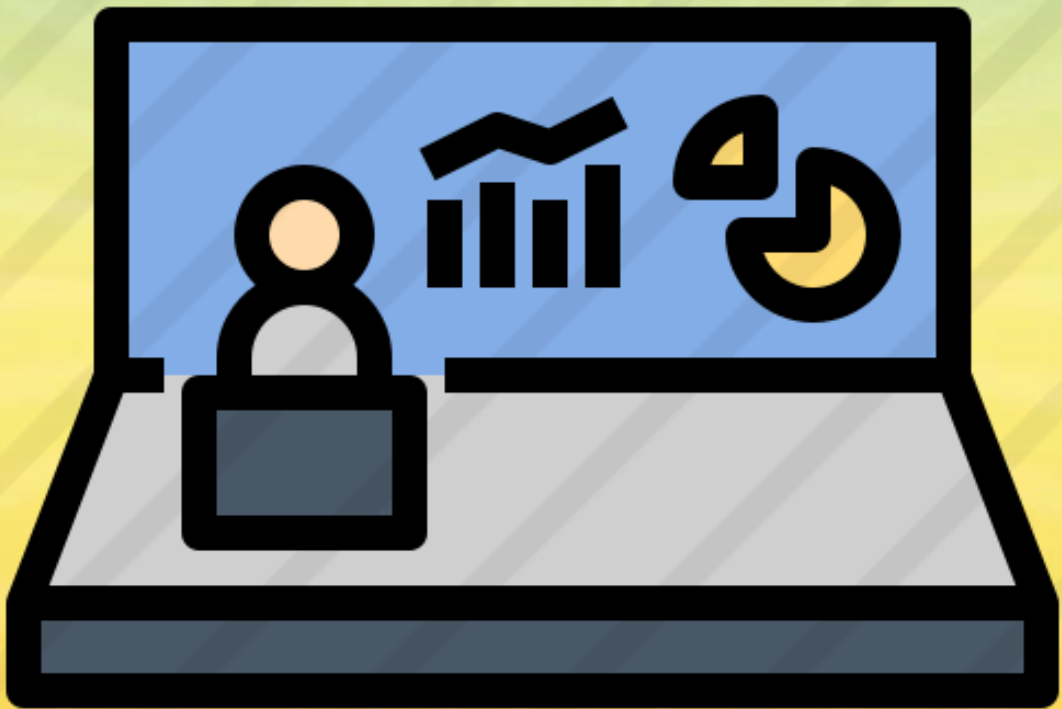
Dr. S. Malarkkan
Principal

Shri. M. Dhanasekaran
Chairman and Managing Director

YLPKG8-CE000126

Mr P Leninpugalhanthi, Asst. Professor, Dept. of EEE, attended a five-day Faculty Development Programme on **"Explore Electrical Engineering in Industrial Applications"** organized by the Dept. of EEE, Manakula Vinayagar Institute of Technology, Puducherry.

WORKSHOPS ATTENDED



MECH | AICTE WORKSHOP ON INCULCATING UNIVERSAL HUMAN VALUES IN TECHNICAL EDUCATION

F.No AICTE/FDP-SI/OnlineWorkshop/203/18868



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

Certificate of Participation

This is to certify that **Dr. T.Pridhar** from **Sri Krishna College of Technology, Coimbatore** has participated and successfully completed the **online workshop on Universal Human Values** on the theme **"Inculcating Universal Human Values in Technical Education"** during **11-15 May, 2020** as organized by **All India Council for Technical Education(AICTE)**.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

Dr T Pridhar, Professor, Dept. of Mechanical Engineering, received a Certificate of Participation for attending a Workshop on **"Inculcating Universal Human Values in Technical Education"** organized by the All India Council for Technical Education, New Delhi during 11 – 15 May 2020.

ICE | WORKSHOP ON INNOVATIVE PRODUCT DESIGN
USING ARDUINO


The certificate features logos for AIC-PECF, NITI Aayog, AIM (Atal Innovation Mission), and Sri Krishna College of Technology. It includes a QR code and a unique serial number: AIC-PECF-600-1270-8665. A gold seal on the right reads 'AIC-PECF Pondicherry'.

Atal Incubation Centre
Pondicherry Engineering College Foundation

E-CERTIFICATE
OF PARTICIPATION

Unique Serial Number
AIC-PECF-600-1270-8665

This Certificate is issued to
Mr. DILIP KUMAR S

for attending the Live Online workshop on
Innovative Product Design Using Arduino held on 17-06-2020
and Secured **84%** in the Online Exam.

V. Vishnuvardan
Chief Executive Officer
(AIC-PECF)

[Signature]
Executive Director
(AIC-PECF)

[Signature]
Chief Operating Officer
(AIC-PECF)

Mr S Dilip Kumar, Asst. Professor, Dept. of ICE, attended the Live Online Workshop on “**Innovative Product Design Using Arduino**” organized by Atal Incubation Centre, Pondicherry Engineering College on 17 June 2020.

MECH | WORKSHOP ON INCULCATING UNIVERSAL HUMAN VALUES IN TECHNICAL EDUCATION

F.No AICTE/FDP-SI/OnlineWorkshop/203/18883



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

Certificate of Participation

This is to certify that **Mr. N Aravindkumar** from **Sri Krishna College of Technology, Coimbatore** has participated and successfully completed the **online workshop on Universal Human Values** on the theme **"Inculcating Universal Human Values in Technical Education"** during **11-15 May, 2020** as organized by **All India Council for Technical Education (AICTE)**.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

Mr N Aravindkumar, Asst. Professor, Dept. of Mechanical Engineering, attended a Workshop on **"Inculcating Universal Human Values in Technical Education"** organized by AICTE during 11 - 15 May 2020.

IT | WORKSHOP ON INNOVATIVE PRODUCT DESIGN USING
ARDUINO

Ms V Roopa, Asst. Professor, Dept. of IT, participated in Live Online Workshop on “**Innovative Product Design using Arduino**” and secured 84% in the Online Exam conducted by ATAL Incubation Centre, Pondicherry Engineering College, Puducherry on 17 June 2020.

EEE | WORKSHOP ON INNOVATIVE PRODUCT DESIGN USING ARDUINO



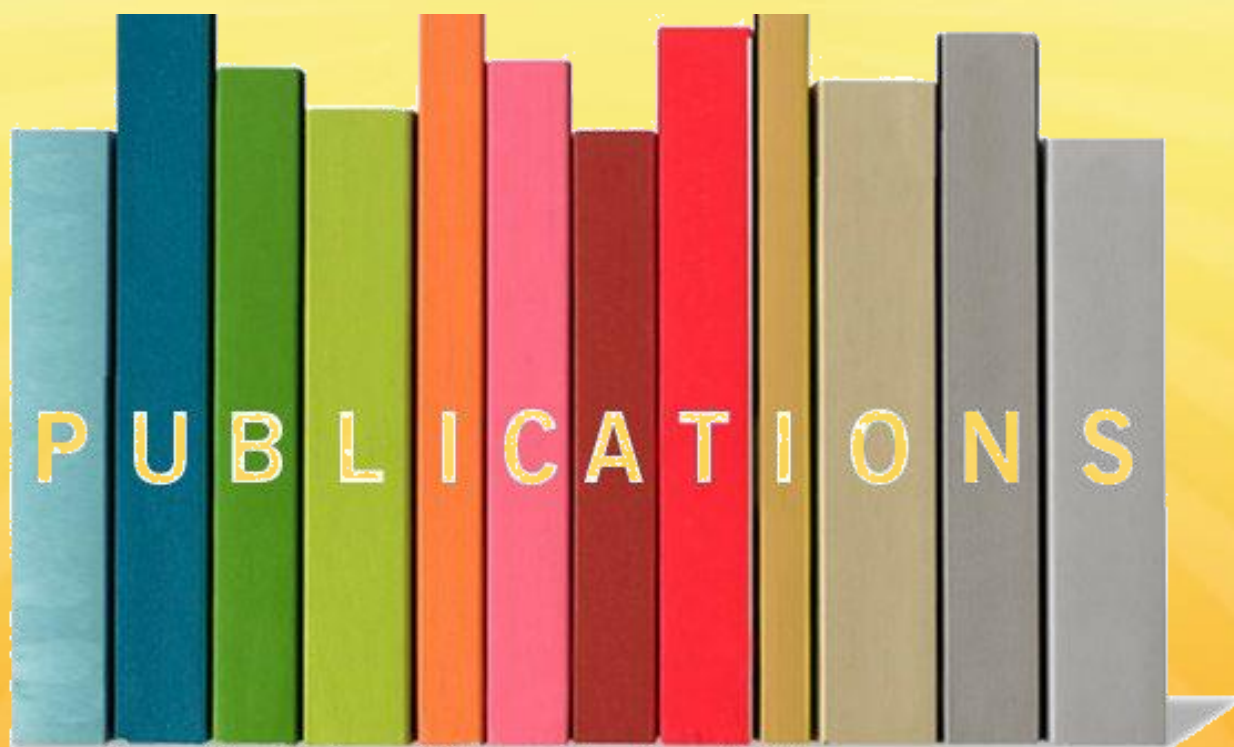
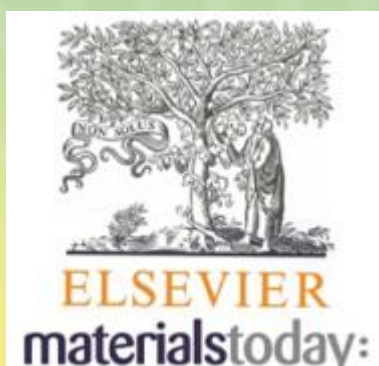
Mr P Leninpugalhanthi, Asst. Professor, Dept. of EEE, attended an Online Workshop on “**Innovative Product Design Using Arduino**” organized by Atal Incubation Centre, Pondicherry Engineering College, Puducherry.

ECE | AICTE WORKSHOP ON INCULCATING UNIVERSAL HUMAN VALUES IN TECHNICAL EDUCATION

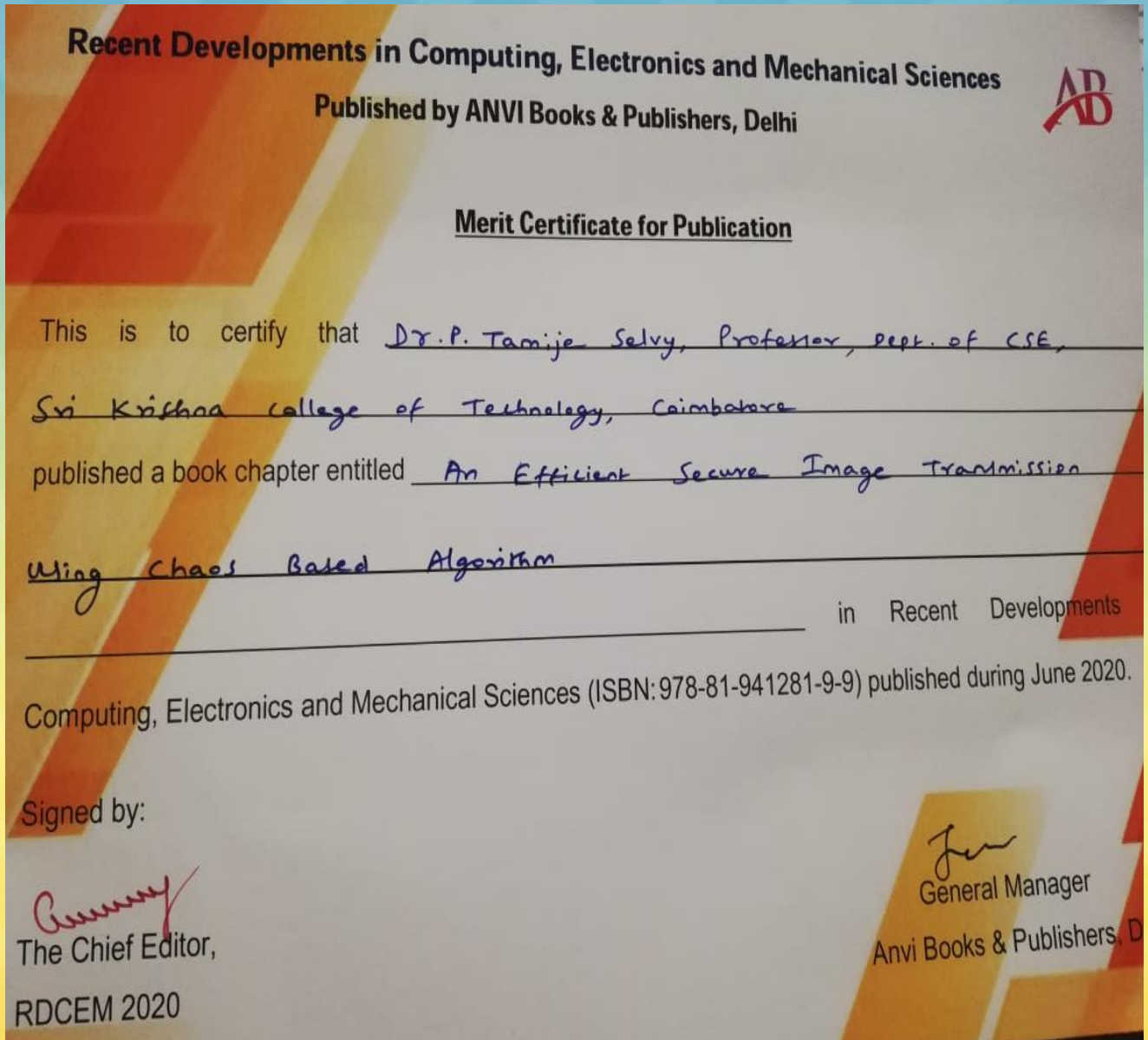


Mr M Navin Kumar, Ms R Priya and Ms S Kiruthiga, Asst. Professors, Dept. of ECE completed an Online Workshop on "Inculcating Universal Human values in Technical Education" organized by the All India Council for Technical Education (AICTE), New Delhi during 11- 15 May 2020.

PAPER PUBLICATION



CSE | BOOK CHAPTER PUBLICATIONS



Dr P Tamije Selvy, Professor, Dept. of CSE, published a book chapter entitled “**An Efficient Secure Image Transmission using Chaos-based Algorithm**” in the book Recent Development Computing, Electronics and Mechanical Science (ISBN: 978-941281-9-9) during June 2020.

EEE | PROJECT SUBMISSION | EMERGING ENGINEERING TALENT PROJECTS – INDUSTRY ACADEMIA CONNECT (IACP) PROGRAM

Dr P Ponmurugan, Assoc. Professor, Dept. of EEE, submitted Two Projects under Emerging Engineering Talent Projects – Industry Academia Connect Program (IACP). The following are the Project Titles: **“Agro Irrigation Assistant”** and **“Job Tracer”**. Students of Third Year B.E. EEE B Section Mr. R Sarudharshini, Ms. R Mehaabinandhana, Ms. S Sharan, Ms. Shri Pavithra and Final Year B.E. EEE B Section students Mr N S Krishna, Mr N Kokul, Mr M Kavinkumar, Ms V Megha are on board for this project.



EEE | PAPER PUBLICATION

Mr R Senthil Kumar and Dr S Saravanan, Asst. Professors, Dept. of EEE, authored a paper entitled **"Broken Rotor Bar Fault Detection using Hilbert Transform and Neural Networks applied to Direct Torque Control of Induction Motor Drive"** and it has been accepted for publication in SCI-Indexed IET Power Electronics Journal.

ICE | PAPER PUBLICATION

Dr P Manju, Professor and Head, Ms. K Shanthi, Mr Ajith B Singh and Dr S Narendiran, Asst. Professors, Dept. of ICE, published a paper titled **“Investigation of Intelligent PID Controller Intended for Heat Exchanger”** in the International Journal of Future Generation Communication and Networking.

S&H | PAPER PUBLICATION

Ms H Shubhajyothi, Asst. Professor of Mathematics and Dr V Manikandan, Asst. Professor of Physics, Dept. of Science and Humanities, jointly published a paper titled **“Performance Evaluation of a Tilted Wick Type Solar Still by Using the Concept of Solar Fraction”** in the Journal Materials Today on 19 June 2020.





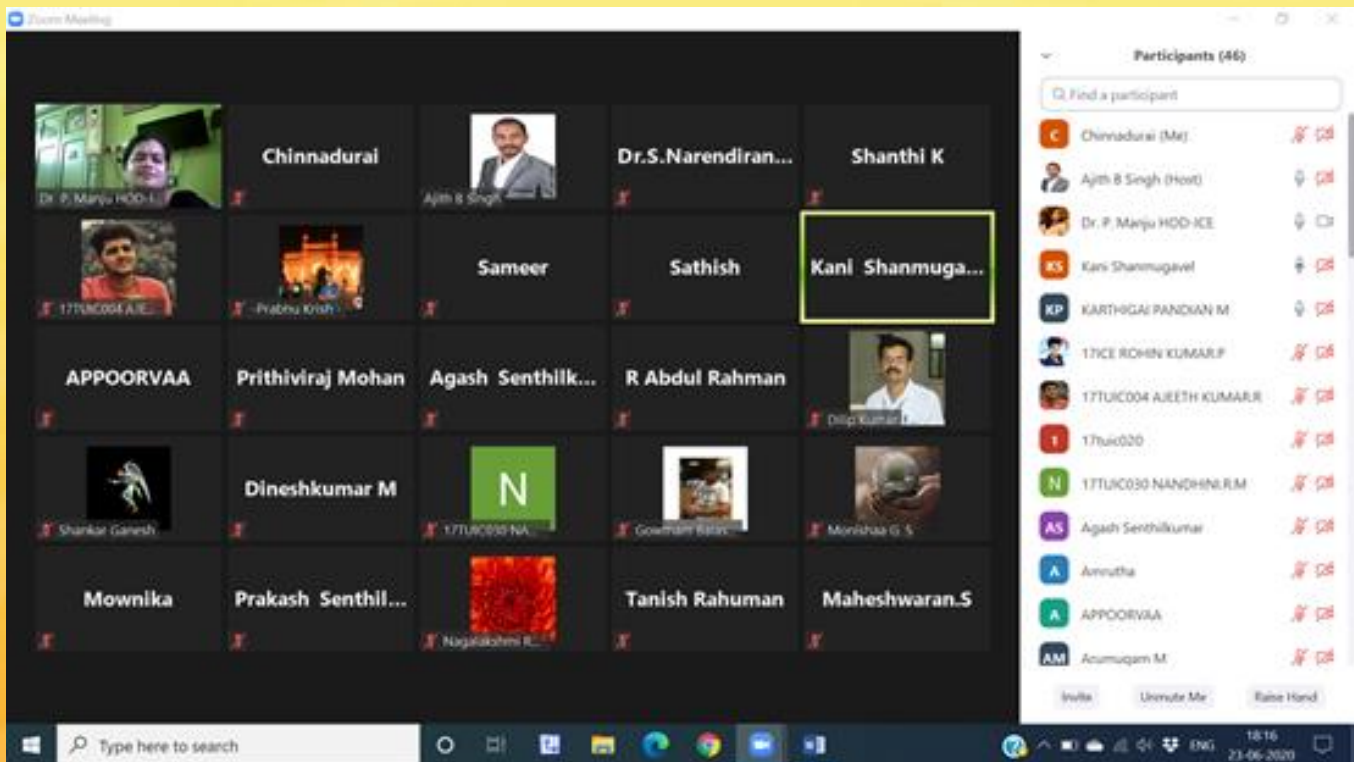
MEETINGS & DISCUSSIONS



ICE | DEPARTMENT MEETING



Members of Faculty along with Dr P Manju, Professor and Head, Dept. of ICE, interacted with Students of Second, Third and Finar Year on Effective Utilization of Online Classes on 23 June 2020.



PLACEMENT & TRAINING DIVISION | PLACEMENT TRAINING MEETING

The screenshot displays a Zoom meeting interface. The main window shows a grid of 16 participants. The participants list on the right includes:

- Dilip Kumar Saseedharan (Host, me)
- Dr. P. Manju HOD-ICE
- ALAGUVATHANA PARAVEL
- kavithamargret
- Mr. K.S. Raghu Asst Prof MECH
- Mr. R. Ramesh Asst Prof CIVIL
- Ms. A. Gayathri Asst Prof EEE
- Ms. K. Mythili Asst Prof IT
- Ms. P. Swapna Asst Prof EEE
- Ms. S. Madumidha Asst Prof IT
- Ms. P. Kalpana ASST. PROF
- Nelson ,R
- Nivedhitha Gunasekaran
- R R Thirrunavukkarasu
- Rajesh Kumar T
- Ranjani Dhanapal

The system tray at the bottom indicates the time is 12:27 PM on 25-06-2020 and the battery level is 87%.

Dr P Manju, Placement Co-ordinator, convened a **Meeting with Dept. Placement Coordinators** and Trainers to discuss the commencement of Placement Training, TCS Codevita Registration Status, Future Skills Module completion status and Action Plan for upcoming placement season.

ICE | MEETING

The image shows a Zoom meeting window with a grid of 10 participants. The participants are arranged in three rows: the first row has three participants (Suhana Sundaram, Dr. P. Manju HOD-ICE, NITHISH R), the second row has three participants (Arul selvan, Swathi, Paramash), and the third row has four participants (Deepthi, SRINATH S, 19twic003, and Harshini). The Harshini tile is highlighted with a yellow border. On the right side, there is a 'Participants (10)' list with search and control icons for each participant. At the bottom, the Windows taskbar is visible with the search bar and system tray.

Zoom Meeting

Participants (10)

Find a participant

Dr. P. Manju HOD-ICE (Host, me)

19twic003

Harshini

NITHISH R

Suhana Sundaram

Swathi

Arul selvan

Swathi

Paramash

Deepthi

SRINATH S

19twic003

Harshini

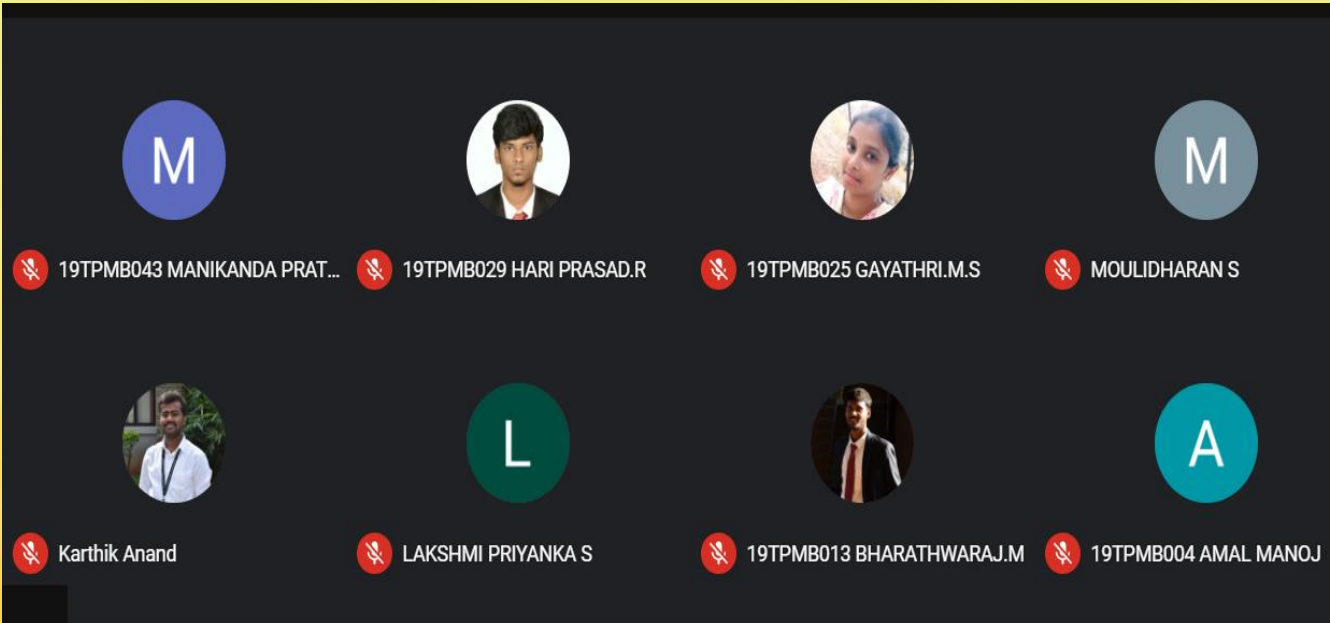
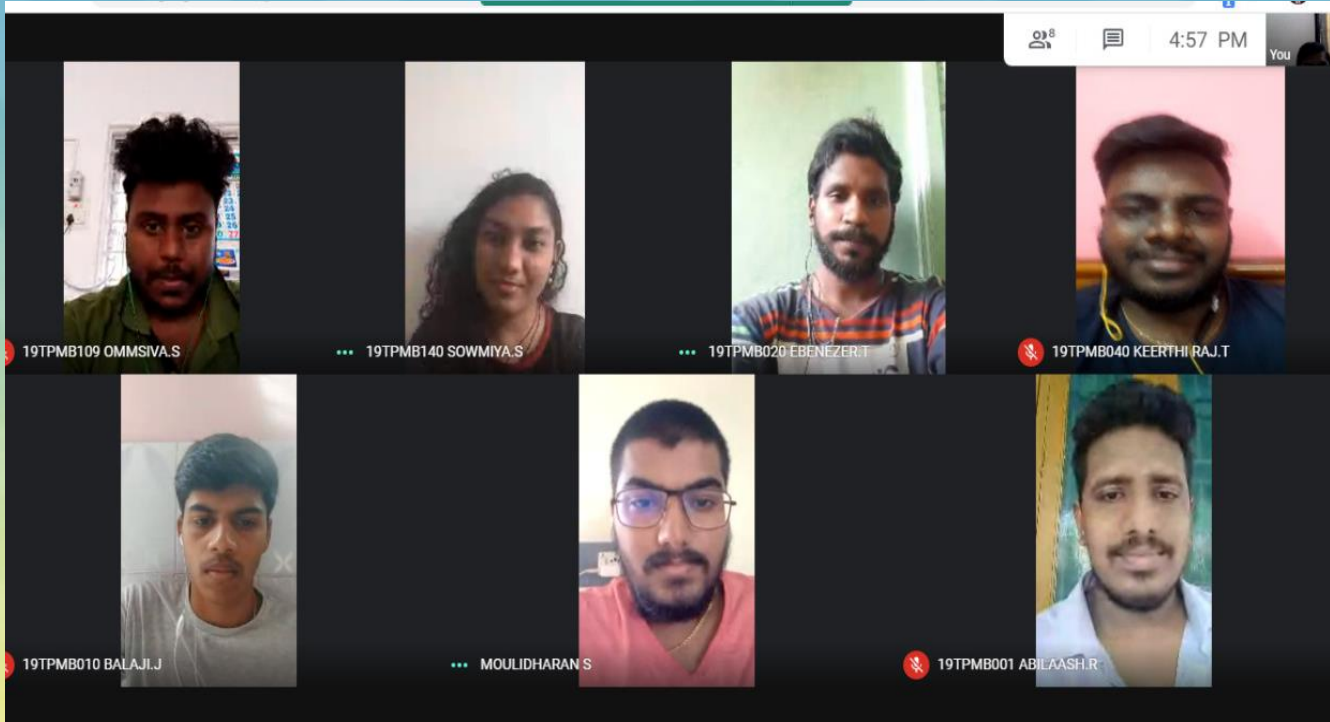
Invite Mute All Unmute All ...

Type here to search

17:04 25-06-2020

Dr P Manju, Professor and Head, Dept. of ICE convened a **Meeting with Mentor Group Students** to discuss the Effectiveness of Technical Online Sessions.

SoM | TUTOR WARD MEETING



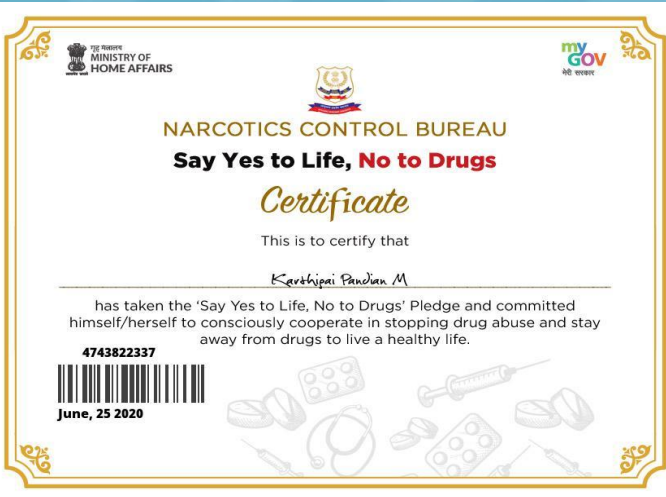
Members of Faculty in the School of Management conducted “**Tutor Ward Meeting**” on 24 May 2020 to discuss Summer Internship, Placement Preparation, Academic Performance, and general well-being of post-graduate students.

EVENTS ORGANIZED

INTERNATIONAL YOGA DAY LOGO MEANING



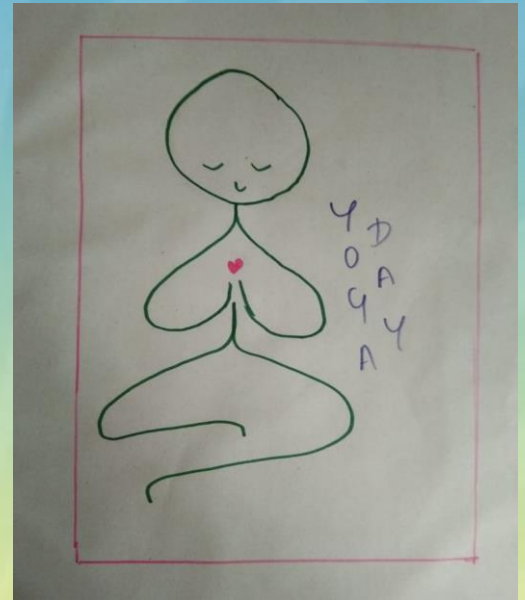
ICE | PLEDGE ON SAY YES TO LIFE, NO TO DRUGS



Dr. P Manju, Professor and Head, Dept. of ICE, administered “Say Yes to Life, No to Drugs” Pledge for the Members of Faculty in the Dept. of ICE as a part of International Day against Drug Abuse and Illicit Trafficking on 25 June 2020.



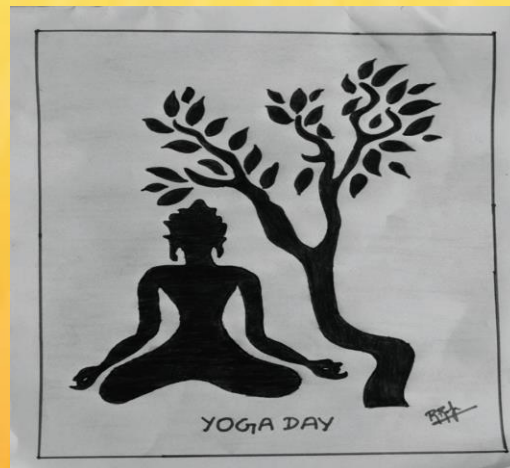
ICE | PENCIL SKETCHING | INTERNATIONAL YOGA DAY



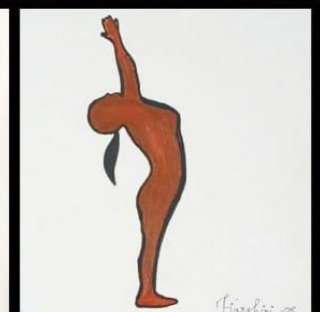
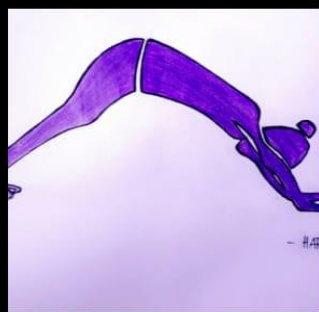
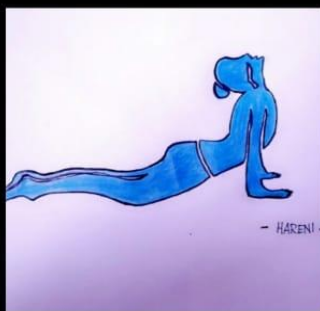
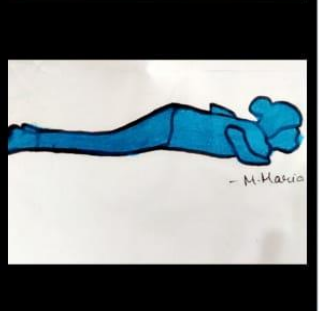
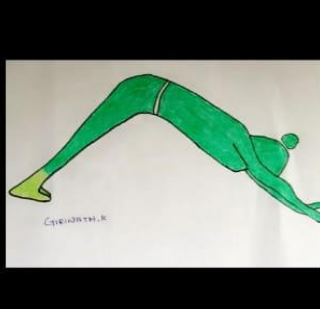
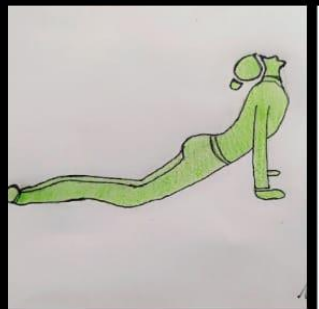
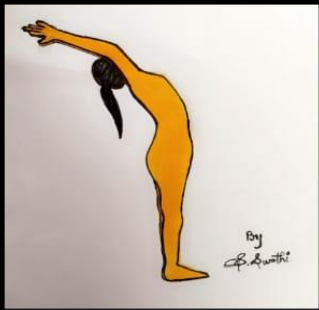
Pencil Sketching by Ms Roja, III B.E. ICE



Pencil Sketching by students of II B.E. ICE



ICE | PENCIL SKETCHING | INTERNATIONAL YOGA DAY



“Yoga is the Journey of the Self, through the Self, to the Self.”

Students in the Dept. of ICE celebrated the International Yoga Day on 21 June 2020. They actively participated in various events organized through online like Pencil Sketching, Poster Making and Yoga Asana.

ICE | YOGA PRACTICE | INTERNATIONAL YOGA DAY



Yoga Practice by Students from Dept. of ICE

