

SKCT DIGEST

SPECIAL ISSUE 7

06 - 10

JULY 2020



EDITOR - IN - CHIEF

**Dr Srinivasan Alavandar,
Principal**

EDITORIAL TEAM

**Ms S Soundarya,
CSE**

**Ms S Thenmozhi,
ECE**

**Mr N SethuNarayanan,
SSH**



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SKCT | INDIA TODAY RANKING 2020



@skctdigest

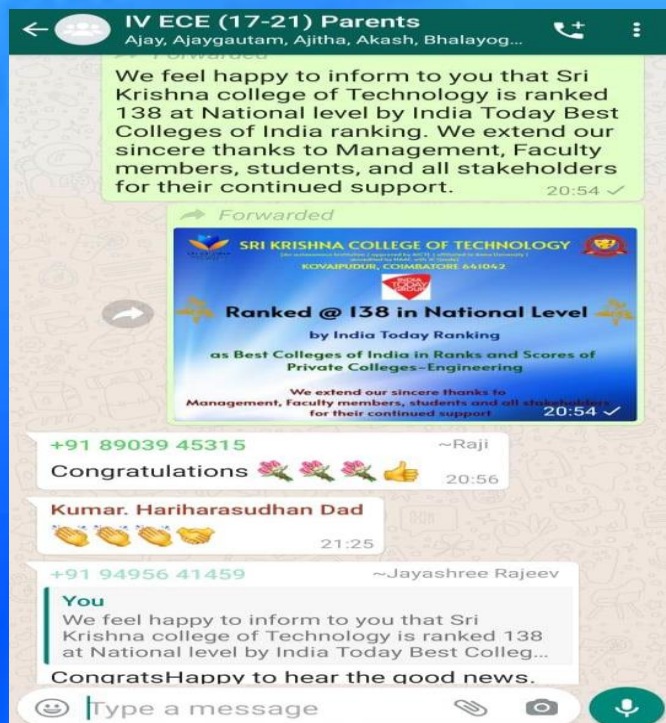
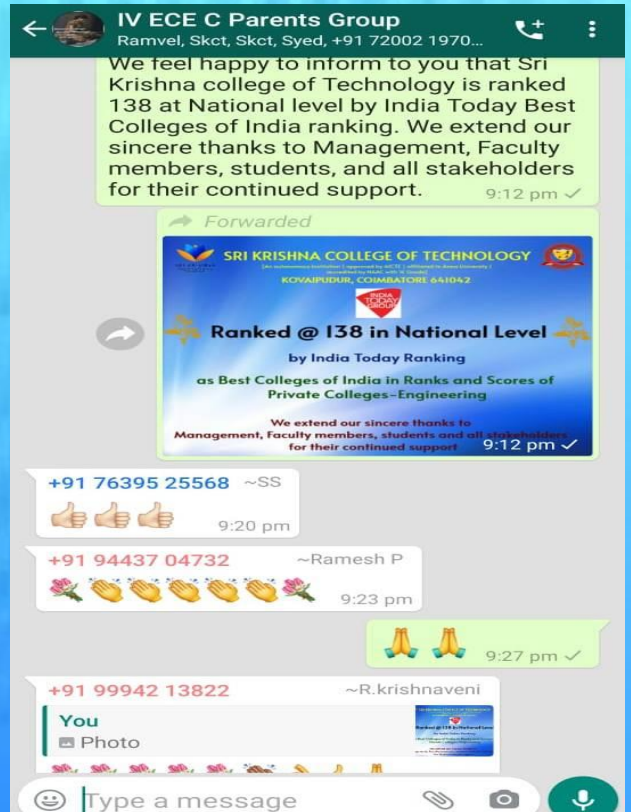
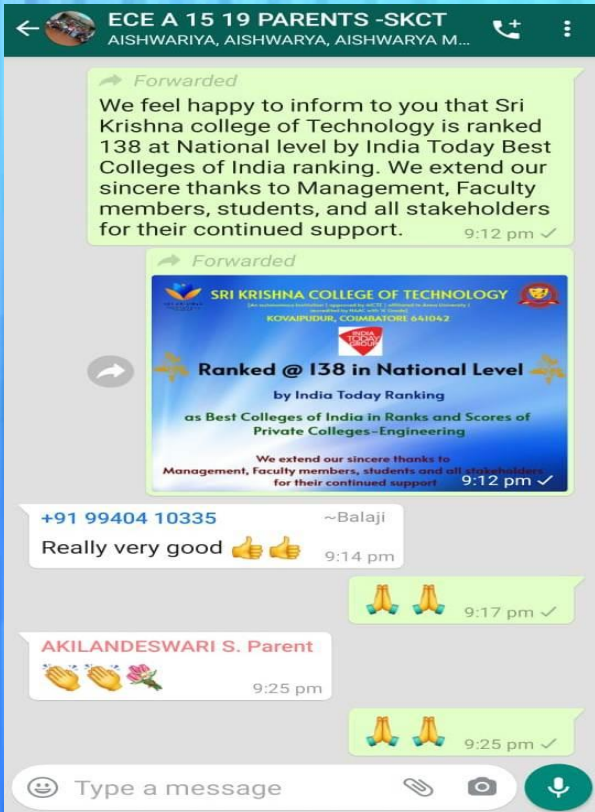


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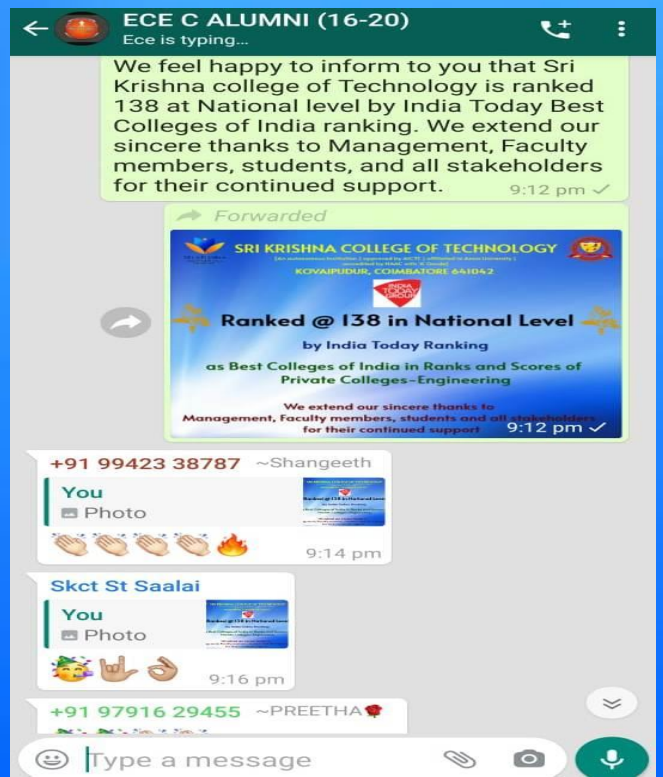
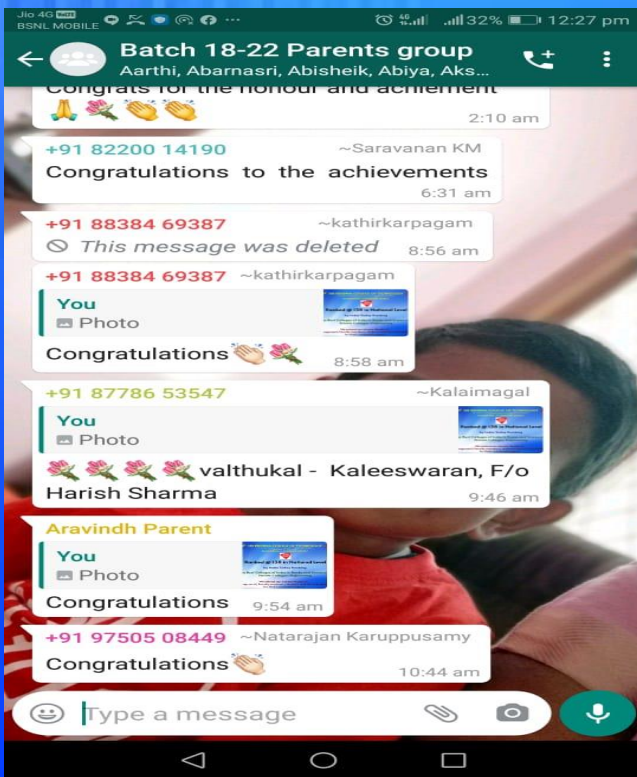
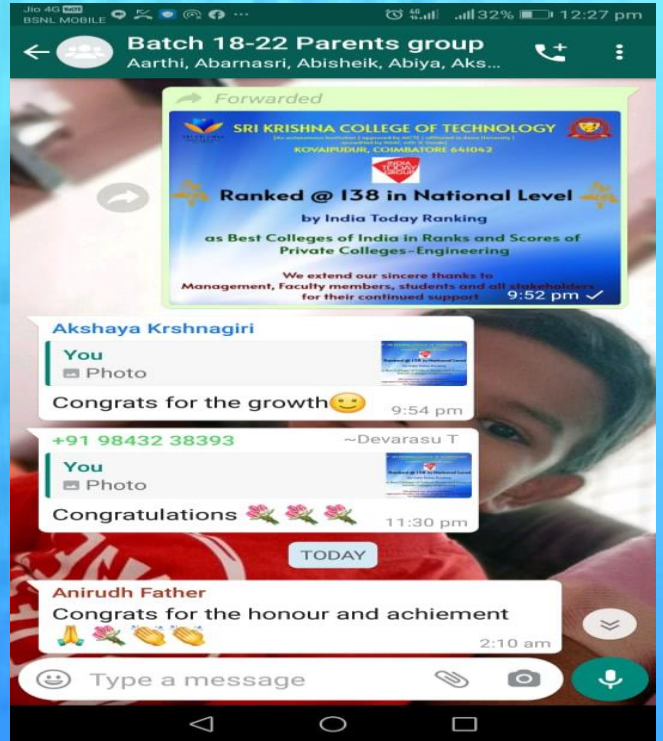
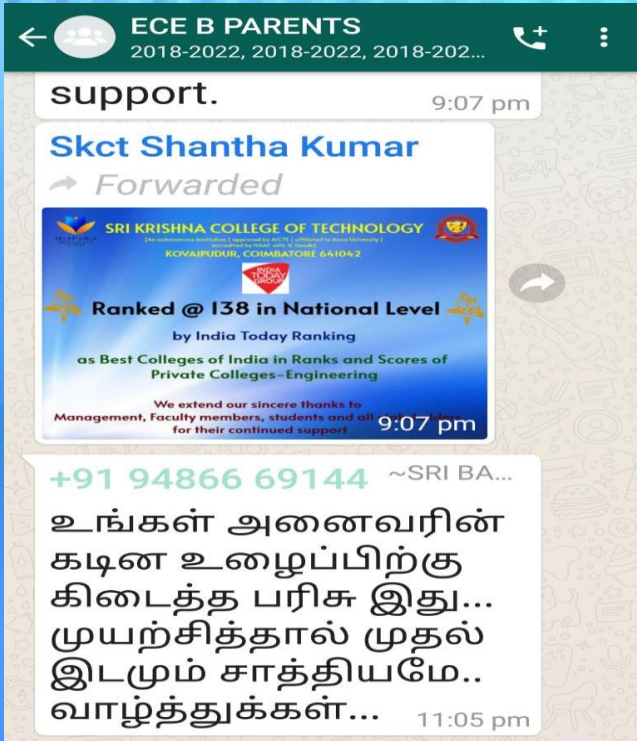


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SKCT SECURED 138th PLACE IN INDIA TODAY RANKING 2020 | ROUSING RESPONSE FROM STAKEHOLDERS



SKCT SECURED 138th PLACE IN INDIA TODAY RANKING 2020 | ROUSING RESPONSE FROM STAKEHOLDERS





STUDENTS' PARTICIPATION



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CSE | STUDENT'S ACHIEVEMENT | STUDENT PARTNER



FOX ACADEMY
Student Partner
National Lead
Social Media & Designing



Juvitta.J
Sri Krishna College of Technology

Website : www.foxacademy.in
Instagram : [instagram.com/foxacademyblr](https://www.instagram.com/foxacademyblr)
Email : viji@foxacademy.in
Phone : +91 89713 50865

Ms J Juvitta, Student of Third Year B.E. CSE A Section, has been selected as **Student Partner** in Fox Academy, Bengaluru.

ECE | STUDENT'S ACHIEVEMENT | FIRST PRIZE IN PHOTOGRAPHY CONTEST - MAHASAMADHI DAY OF SWAMI VIVEKANANDA



Mr Naren Shanmugam, Student of Second Year B.E. ECE B Section, secured the First Prize in Photography Contest in “Mahasamadhi Day of Swami Vivekananda” organized by Vivekananda Kendra, Ekanth Bhavan, Thoothukudi held on 4 July 2020.

IT| STUDENTS' PARTICIPATION | INTERNATIONAL CONFERENCE ON DICI - 2020



Ms M Malathi, Asst. Professor, Mr Gokulraj, Ms R S Krupasree, Ms T Lalitha Bhuvaneshwari, Students of Third Year B.Tech IT A Section participated in the Springer International Conference on “Data Intelligence and Cognitive Informatics (ICDICI – 2020)” and presented a paper titled **“Effectiveness of Blockchain Advancement in Patient Statistical Monitoring Network”** organized by SCAD College of Engineering and Technology, Tirunelveli during 08 July 2020 – 09 July 2020.

CSE | STUDENTS' PARTICIPATION | INTERNATIONAL CONFERENCE ON RECENT TRENDS IN COMPUTING (ICRTC 2020)



CERTIFICATE OF PRESENTATION



8th International Conference on Recent Trends in Computing
ICRTC-2020 (3rd - 4th July 2020)

This is to certify that

Mr. T. Akash

of

Sri Krishna College of Technology, Kovaipudur, Coimbatore, Tamilnadu
presented his research paper titled

**A Skellam Distribution Inspired Trust Factor based Selfish Node
Detection Technique in MANETs**

during the 8th International Conference on Recent Trends in Computing (ICRTC-2020), organized by the Department of Computer Science and Engineering held at SRM Institute of Science and Technology, Delhi-NCR Campus, Ghaziabad from 3rd - 4th July, 2020.

Dr. R.P. Mahapatra
Professor & Head (CSE)
Program Chair

Dr. S. Viswanathan
Deputy Registrar
General Chair

Dr. D.K. Sharma
Professor & Dean
General Chair

Mr T Akash, Student of Third year B.E. CSE A section, presented his research paper entitled “**A Skellam Distribution Inspired Trust Factor based Selfish Node Detection Technique in MANETs**” in the International Conference on Recent Trends in Computing-2020 during 03 - 04 July 2020 organized by SRM Institute of Science and Technology, Delhi-NCR Campus.

MECH | STUDENTS' PARTICIPATION | INTERNATIONAL VIRTUAL CONFERENCE ON RECENT INNOVATIONS IN SCIENCE, ENGINEERING AND TECHNOLOGY

18TUME124 MURALI KRISHNA G is presenting

Meeting details

People (36) 41 Chat

Final Presentation

* **FOUNDRY FLOW STUDIES
BASED ON WATER MODEL
GATING SYSTEM**
BY

Murali Krishna G - 18tume124
Mukesh B - 18tume123
Prasanna Kumar S - 18tume136
Prasanna S - 18tume135

Mentored by Sivaraman P
SRI KRISHNA COLLEGE OF TECHNOLOGY
COIMBATORE

Dinesh Kumar N has left the meeting

17BME3201 Suryaprakash.S
17BME3207 S.Vignesh Prabhu
18TUME123 Mukesh BGM
18TUME124 MURALI KRISHNA...
18TUME124 MURALI KRISHNA...
18TUME136 PRASANNA KUM...
Divya M
K.Naveen 17BME3128
Kamalakkannan R

Mr P Sivaraman, Asst. Professor, Dept. of Mechanical Engineering along with Mr G Murali Krishna, Mr B Mukesh, and Mr S Prasanna Kumar, Students of B.E Third Year Mechanical Engineering, presented a paper titled **“Foundry Flow Studies Based on Water Model Gating System”** in the International Virtual Conference on Recent Innovations in Science, Engineering and Technology organized by M.Kumarasamy College of Engineering, Karur during 03 - 04 July 2020.

MECH | STUDENTS' PARTICIPATION | INTERNATIONAL VIRTUAL CONFERENCE ON RECENT INNOVATIONS IN SCIENCE, ENGINEERING AND TECHNOLOGY

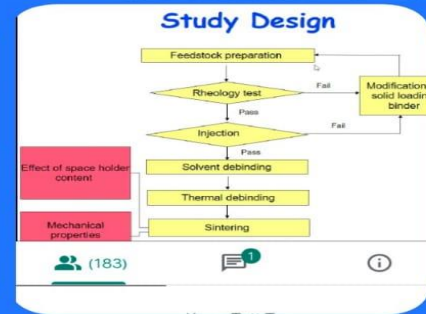
Inaugural Function

**Key Note Talk on
"Processing of Stainless Steel Foams for
Biomedical Applications"**



**03.07.2020 (FRI)
10.00am to 11.00am**

**Chief Guest
Dr Sean Tan Koon Tatt
Associate Professor
Faculty of Engineering & Built
Environment
MAHSA University
Malaysia**

Results: Characterization

The surface SEM image of stainless steel foams

Experimentation - Data
* Table - % discharge for W = 2H

| HEAD (mm) | INGATE NO. | PARAMETER | TYPE OF INGATE | | | |
|-----------|----------------|--|----------------|------------|-----------|---------|
| | | | RECTANGULAR | CONVERGENT | DIVERGENT | VENTURI |
| 420 | G ₁ | DISCHARGE RATE (x10 ⁻⁷ m ³ s ⁻¹) | 0.143 | 0.136 | 0.149 | 0.129 |
| | G ₂ | | 0.145 | 0.139 | 0.144 | 0.134 |
| | G ₃ | | 0.141 | 0.134 | 0.139 | 0.126 |
| | G ₄ | | 0.145 | 0.141 | 0.149 | 0.133 |
| 450 | G ₁ | | 0.145 | 0.137 | 0.144 | 0.132 |
| | G ₂ | | 0.145 | 0.143 | 0.148 | 0.132 |
| | G ₃ | | 0.143 | 0.139 | 0.146 | 0.128 |
| | G ₄ | | 0.145 | 0.144 | 0.148 | 0.136 |
| 480 | G ₁ | | 0.150 | 0.145 | 0.152 | 0.133 |
| | G ₂ | | 0.153 | 0.152 | 0.154 | 0.140 |
| | G ₃ | | 0.148 | 0.141 | 0.150 | 0.139 |
| | G ₄ | | 0.144 | 0.145 | 0.150 | 0.137 |

Meeting details

People (33) 41 Chat

- Krishna Sivaraman (You)
- 17BME3007 D.Akilan
- 17BME30286 DHARANITHAR...
- 17BME3032 - DHINAKAR G
- 17BME3044 Gobi krishnan
- 17BME3075 JAIKANTHAN
- 17BME3087 KAPILAN MP
- 17BME3091 KAUSHIHK.B
- 17BME3092 KAVIN
- 17BME3095 KEERTHI VASAN S

IT | STUDENTS' PARTICIPATION | INTERNATIONAL VIRTUAL CONFERENCE ON CYBER PHYSICAL SYSTEMS (INDUSTRY 4.0) (IVCCPS'20)

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide titled "TENSORFLOW LITE". The slide content is as follows:

TENSORFLOW LITE

- ▶ TensorFlow Lite is a set of tools to help developers run TensorFlow models on mobile, embedded, and IoT devices. It enables on-device machine learning inference with low latency and a small binary size. TensorFlow Lite consists of two main components:
 - ▶ The TensorFlow Lite interpreter, which runs specially optimized models on many different hardware types, including mobile phones, embedded Linux devices, and microcontrollers.
 - ▶ The TensorFlow Lite converter, which converts TensorFlow models into an efficient form for use by the interpreter, and can introduce optimizations to improve binary size and performance.

The slide also features the TensorFlow Lite logo and the Android robot icon.

At the top of the Zoom window, the meeting title is "VIRTUAL CONFERENCE pptx [Protected View] - PowerPoint Recording" and the remaining time is "02:00:58". The participant list at the top includes: N, R M, Dr. R. Girija, Radha Rangana..., B.Saleena, and Induja.

On the right side, the "Breakout Room Participants (43)" list includes: vani v, Venkatraman S, Vishwak Senan G, Dr. B V A N S S Prabhakar Rao, and Hemanth. Below this is a "Zoom Group Chat" section with messages from Abdul Quadir and Dr. R. Girija.

Ms M Malathi, Asst. Professor, Ms Induja Ravi, Mr K K Faiyaz, Mr R M Naveen & Mr C Nithish, Students of Third Year B.Tech IT A Section, participated in the Springer International Virtual Conference on “**Cyber Physical Systems (Industry 4.0) (IVCCPS'20)**” and presented a paper on “**AI and ML Based Crop Detection Application**” organized by Vellore Institute of Technology, Chennai in association with Manchester Metropolitan University, UK during 06 – 07 July 2020.

ECE | STUDENTS' PARTICIPATION | GATE AWARENESS PROGRAM ON BENEFITS AND CAREER OPPORTUNITIES WITH GATE

UN → IMF

ME/CE/ECE/EE

COVID-19

“Career Opportunities.”

Opportunities Through
GATE Exam

www.thegateacademy.com

STREAM: All SUBJECT: WHY GATE

Why Higher Education ???



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STREAM: All SUBJECT: WHY GATE

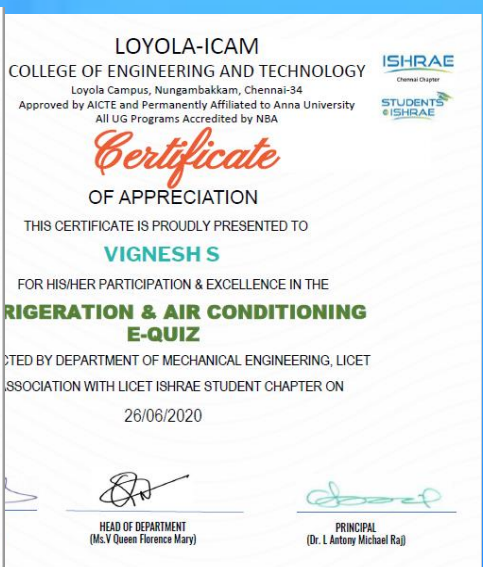
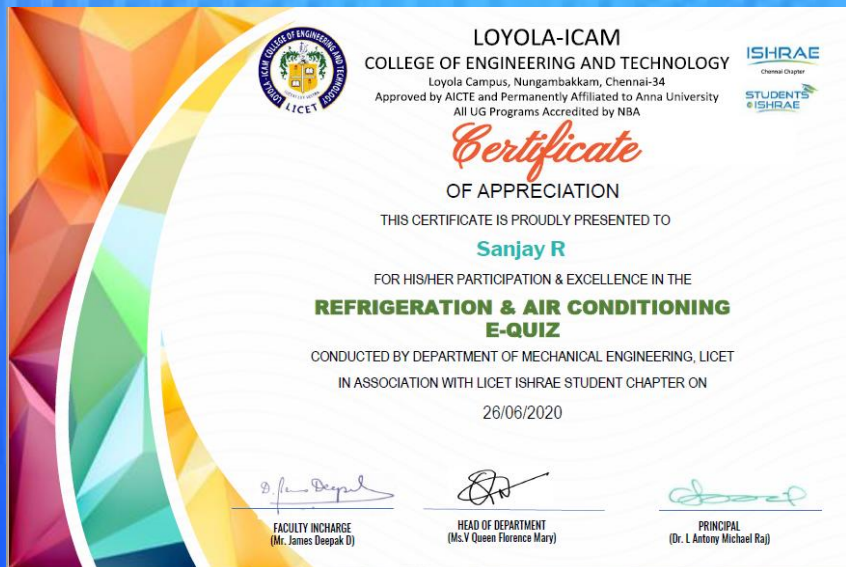
Mr C S R Kavin of Third B.E. ECE B Section attended a GATE Awareness Program on “Benefits and Career Opportunities with GATE” organized by GATE Academy on 7 July 2020.

ECE | STUDENTS' PARTICIPATION | ONLINE SESSIONS ON INNOVATION, IPR, ENTREPRENEURSHIP AND START UPS AMONG HEIs



Mr P Manikandan and Mr M Kiran Seshi of Third Year B.E. ECE B Section participated in the IIC Online sessions on **“Innovation, IPR, Entrepreneurship and Start ups among HEIs”** conducted by Institutions Innovation Council (IIC) of MHRD’s Innovation Cell, New Delhi from 28 April 2020 to 22 May 2020.

MECH | STUDENTS' PARTICIPATION | E-QUIZ ON REFRIGERATION AND AIR CONDITIONING



Mr PR Sivaraman, Mr R Ravichandran, Mr R Sanjay and Mr S Vignesh Students of Final Year B.E. Mechanical Engineering, participated in “Refrigeration and Air Conditioning E-Quiz” conducted by the Dept. of Mechanical Engineering, LICET in association with ISHRAE Student Chapter on 26 June 2020.



FACULTY PARTICIPATIONS



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EEE | WEBINAR DELIVERED ON EMERGING TRENDS
IN ELECTRIC VEHICLES



FRANCIS XAVIER[™]
ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION

Vannarpettai, Tirunelveli



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

Live Stream
Through



Google Meet

Webinar on

**EMERGING TRENDS IN
ELECTRIC VEHICLES**



Speaker



Dr.SANTHOSH P

*Department of EEE,
Sri Krishna College of Technology,
Coimbatore.*



Key Benefits:
E-Certificate will
be Provided.



Co-Ordinators

Mr.S.Selvakumar AP/EEE

Mob: 90034 66177

Mr.V.Vignesh Arumugam AP/EEE

Mob: 77085 05653

Mr.N.V.Selvam AP/EEE

Mob: 81240 89746

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Department of
Electrical and
Electronics Engineering

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<https://forms.gle/AQ1qQLyCX4eZ3h6a6>

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Dr P Santhosh, Asst. Professor, Dept. of EEE, delivered a Technical Talk on “Emerging Trends in Electric Vehicles” organized by Francis Xavier Engineering College, Tirunelveli on 10 July 2020.

IT | A NATIONAL LEVEL E-QUIZ ON DATA SCIENCE



RISE

Krishna Sai Prakasam Group of Institutions



APPROVED BY AICTE, AFFILIATED TO JNTUK, ACCREDITED BY "NBA" FOR B.TECH IN ECE, EEE, CE, & ME
Nh-16, VALLURU, ONGOLE, PRAKASAM DISTRICT, ANDHRA PRADESH-523272, www.risekrishnasaiprakasam.edu.in

Certificate of Merit

This is to certify that

A.Christy Jeba Malar

Of

Sri Krishna College of Technology

has successfully completed "*A National Level e-Quiz on Data Science*" Organized by *Department of Computer Science and Engineering, Rise Krishna Sai Prakasam Group of Institutions* with a score of 100%

Ms. K. Srividya
Associate Professor

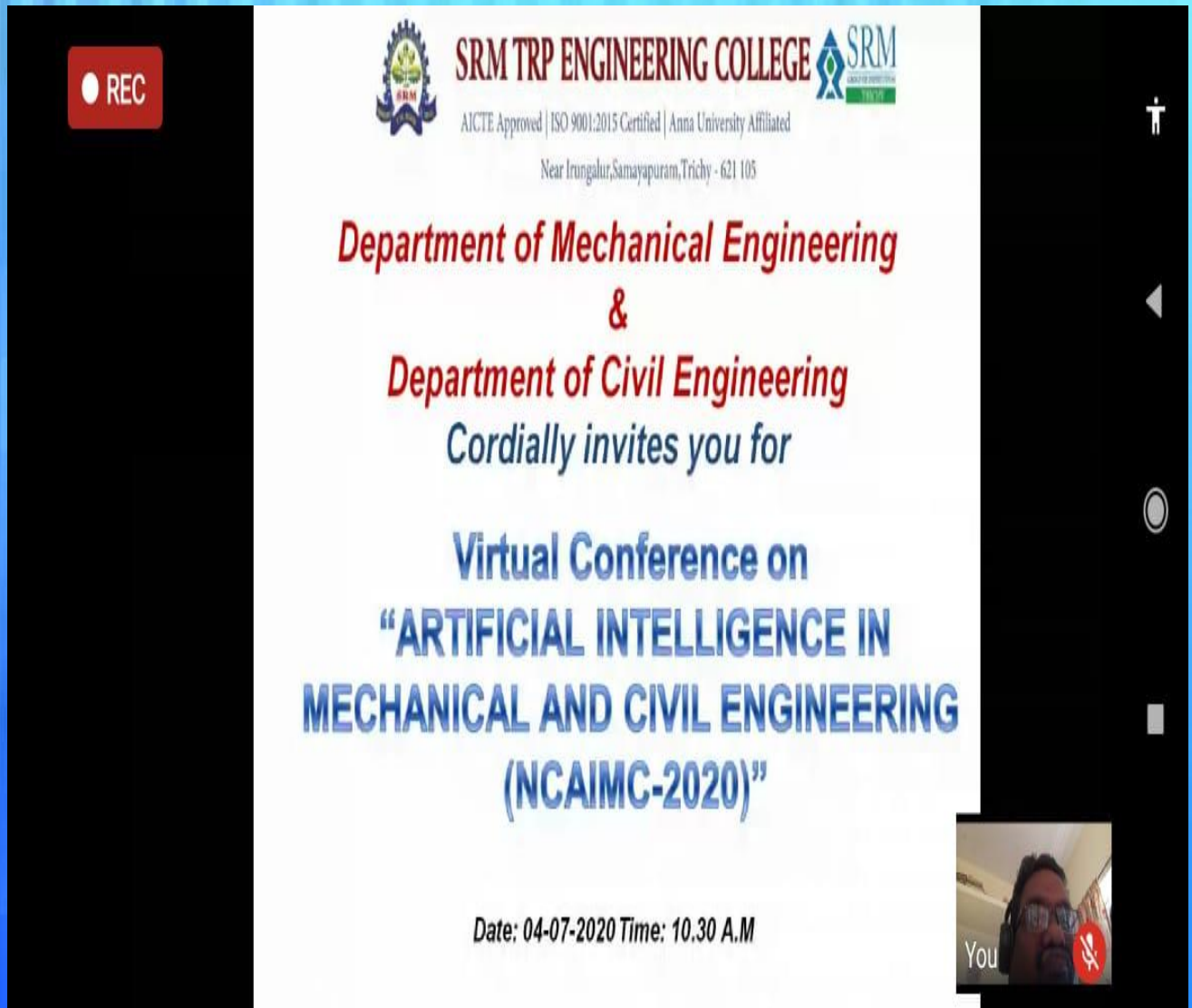
Ms. Y. Sandhya
Assistant professor

Dr. K. Suresh Babu
Professor & HOD


Dr. A. V Bhaskar Rao
Principal

Dr A Christy Jebamalar, Assoc. Professor, Dept. of IT, completed a National Level e-Quiz on "**Data Science**" organized by RISE Krishna Sai Prakasam Group of Institutions, Andhra Pradesh on 06 July 2020.

CIVIL | JURY MEMBER | VIRTUAL CONFERENCE ON ARTIFICIAL INTELLIGENCE IN MECHANICAL AND CIVIL ENGINEERING (NCAIMC 2020)



REC


SRM TRP ENGINEERING COLLEGE 

AICTE Approved | ISO 9001:2015 Certified | Anna University Affiliated
Near Irungalur, Samayapuram, Trichy - 621 105

*Department of Mechanical Engineering
&
Department of Civil Engineering
Cordially invites you for*

**Virtual Conference on
“ARTIFICIAL INTELLIGENCE IN
MECHANICAL AND CIVIL ENGINEERING
(NCAIMC-2020)”**

Date: 04-07-2020 Time: 10.30 A.M

You 

Dr I Padmanaban, Professor and Head, Dept. of Civil Engineering served as a Jury Member for the Virtual Conference on “**Artificial Intelligence in Mechanical and Civil Engineering**” (NCAIMC 2020), organized by SRM TRP Engineering College, Trichy on 04 July 2020.

CSE | A NATIONAL LEVEL E-QUIZ ON DATA SCIENCE



RISE

**Krishna Sai Prakasam Group
of Institutions**



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Nh-16, VALLURU, ONGOLE, PRAKASAM DISTRICT, ANDHRA PRADESH-523272, www.risekrishnasaiprakasam.edu.in

Certificate of Merit

This is to certify that

M. DEVA PRIYA

Of

Sri Krishna College of Technology

has successfully completed "A National Level e-Quiz on Data Science" Organized by Department of Computer Science and Engineering, Rise Krishna Sai Prakasam Group of Institutions with a score of 100%

Ms. K. Srividya
Associate Professor



RISE

**Krishna Sai Prakasam Group
of Institutions**



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Nh-16, VALLURU, ONGOLE, PRAKASAM DISTRICT, ANDHRA PRADESH-523272, www.risekrishnasaiprakasam.edu.in

Certificate of Merit

This is to certify that

Sruthi M S

Of

Sri Krishna College of Technology

has successfully completed "A National Level e-Quiz on Data Science" Organized by Department of Computer Science and Engineering, Rise Krishna Sai Prakasam Group of Institutions with a score of 100%

Ms. K. Srividya
Associate Professor

Ms. Y. Sandhya
Assistant professor

Dr. K. Suresh Babu
Professor & HOD

Dr. A. V Bhaskar Rao
Principal

Dr M Deva Priya, Assoc. Professor and Ms M S Sruthi, Asst. Professor, Dept. of CSE, completed a National Level E-Quiz on "Data Science" organized by Rise Krishna Sai Prakasam Group of Institution, Andhra Pradesh on 06 July 2020.

IT | FACULTY CERTIFICATION | ONLINE COURSE ON
PYTHON CLASSES AND INHERITANCE



Dr D Jeyabharathi, Asst. Professor, Dept. of IT, completed an Online non-credit Course on “**Python Classes and Inheritance**” authorized by University of Michigan and offered through Coursera on 07 July 2020.

EEE | VIRTUAL BOOK LAUNCH OF FUTURE OF HIGHER EDUCATION – NINE MEGA TRENDS



Dr P Santhosh, Asst. Professor, Dept. of EEE, participated in the ICT Academy Virtual Book Launch of **“Future of Higher Education – Nine Mega Trends”** and Expert Talks held via Online on 30 June 2020.

MECH | E-QUIZ ON REFRIGERATION AND AIR CONDITIONING

Dr S Sundararaj, Professor, Dept. of Mechanical Engineering, participated in **“Refrigeration and Air Conditioning E-Quiz”** conducted by the Dept. of Mechanical Engineering, LICET in association with ISHRAE Student Chapter on 26 June 2020.



EEE | E-QUIZ ON ELECTRIC VEHICLES



Lendi Institute of Engineering & Technology

An Autonomous Institution

Accredited by NBA & NAAC with 'A' Grade

Approved by AICTE & Permanently affiliated to JNTUK,
Vizianagaram -535005



Department of Electrical and Electronics Engineering

Certificate of Appreciation

This certificate is awarded to

MANIMEGALAI V

of

Sri Krishna College of Technology

has successfully completed **E-Quiz** on **Electric Vehicles** conducted by the
Department of Electrical and Electronics Engineering (**EEE**),
Lendi Institute of Engineering & Technology (**LIET**).



B. Prasad

Mr. B. Ram Vara Prasad,
Assistant Professor
E-Quiz Co-ordinator

K. Subbaramaiah

Dr. K. Subbaramaiah,
Professor & H. O. D, EEE
Convenor

V. V. Rama Reddy

Dr. V. V. Rama Reddy,
Principal

Ms V Manimegalai, Asst. Professor, Dept. of EEE, completed an E-Quiz on “**Electric Vehicles**” conducted by the Dept. of EEE, Lendi Institute of Engineering and Technology, Andhra Pradesh.

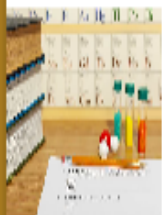
S&H | E-QUIZ ON ALCHEMIST SKILLS

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Tiruchengode-637215 -Tamilnadu

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

All the UG Programmes are Accredited By NBA



E-QUIZ ON " ALCHEMIST SKILLS "

Certificate of Appreciation

This is to certify that Mr/Ms/Dr. **Dr.N.NALINI, ASSISTANT PROFESSOR/CHEMISTRY,**
SRI KRISHNA COLLEGE OF TECHNOLOGY, has successfully completed the **E-Quiz on "**
ALCHEMIST SKILLS " organized by the *Department of Chemistry,* on 2-7-2020 .

Organizer
Mr.B.Murugesan

Convenor & Head
Dr.J.C.Kannan

IQAC Coordinator
Dr.P.Veena

Principal
Dr.M.Venkatesan

Dr N Nalini, Asst. Professor of Chemistry, Dept. of Science and Humanities, attended an E-Quiz on "**Alchemist Skills**" organized by the Dept. of Chemistry, KSR IET, Tiruchengode on 2 June 2020.

CIVIL | THE AYUSH SANJIVANI PLEDGE



Dr I Padmanaban, Professor and Head, Dept. of Civil, administered **The Ayush Sanjivani Pledge** for the Members of Faculty in the Dept. of Civil Engineering to promote health practices to improve immunity.

IT | FACULTY CERTIFICATION | PROGRAMMING FOR EVERYBODY (GETTING STARTED WITH PYTHON)



Dr A Christy Jeba Malar, Assoc. Professor, Dept. of IT, completed an Online Non-Credit Course on **“Programming for Everybody (Getting Started with Python)”** authorized by University of Michigan and offered through Coursera on 09 July 2020.

S & H | FACULTY CERTIFICATION | SWAYAM ARPIT COURSE FOR CAREER ADVANCEMENT SCHEME



SWAYAM ARPIT ONLINE COURSE CERTIFICATION

This Certificate is awarded to

N.NALINI

for successfully completing the ARPIT Course for

Career Advancement Scheme(CAS) promotion

Online Refresher Course In Chemistry For Higher Education

with a "C" Grade in the proctored examination held on 16.02.2020

Sri Guru Tegh Bahadur Khalsa College, University of Delhi

Authorized Signatory of Institution (Course Coordinator)
Sri Guru Tegh Bahadur Khalsa College, University of Delhi

Authorized Signatory of AICTE

Date of Issue : 30/08/2020

www.swayam.gov.in

Dr N Nalini, Asst. Professor of Chemistry, Dept. of Science and Humanities, completed an **Online Refresher Course in Chemistry for Higher Education** organized by Swayam, authorized by AICTE on 16 Feb 2020.

S&H | FACULTY CERTIFICATION | ONLINE 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. 202090110102816

CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणित किया जाता है कि डॉ॰ नलिनी नमःसिवायम 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 **DR. NALINI NAMASIVAYAM NAMASIVAYAM** 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 - Zae65a85668ae684d86de5062cd9407 .This Certificate can be validated using URL- <https://certificate.iirs.gov.in>

Dr N Nalini, Asst. Professor of Chemistry, Dept. of Science and Humanities, attended an Online Course on “**Basic Principles of Remote Sensing Technology**” organized by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, during 13 - 25 April 2020.



FDPs ATTENDED



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ECE | FDP ON RESEARCH PAPER WRITING, FUNDING
& PATENT METHODOLOGIES

Dr.N.G.P. INSTITUTE OF TECHNOLOGY

Coimbatore - 48

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
Accredited by NAAC & NBA (BME, CSE, ECE, EEE & MECHANICAL)



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE OF PARTICIPATION

Ms. Jaishree Murugesan

SRI KRISHNA COLLEGE OF TECHNOLOGY

had participated In Three days Faculty Development Programme on
Research Paper Drafting, Funding & Patent Methodologies
Organized by Department of Civil Engineering, Dr.N.G.P. Institute of Technology
on July 02 - 04,2020

Dr.P.Muthupriya
HOD/CIVIL

Dr.K.Porkumuran
PRINCIPAL

Ms M Jaishree, Asst. Professor, Dept. of ECE, attended a three-day Faculty Development Programme on **“Research Paper writing, Funding & Patent Methodologies”** organized by Dr NGP Institute of Technology, Coimbatore during 2 - 4 July 2020.

CSE | NITTTR FDP ON OUTCOME BASED
CURRICULUM DESIGN

Ms G Sandhya, Asst. Professor, Dept. of CSE, attended a five-day Online Faculty Development Programme on “**Outcome Based Curriculum Design**” during 1 - 5 June 2020 organized by Curriculum Development Centre Department in association with NITTTR, Chandigarh.

EEE | FDP ON LET'S PLAY MACHINE LEARNING WITH TENSOR FLOW 2.X



KALASALINGAM
ACADEMY OF RESEARCH AND EDUCATION
(DEEMED TO BE UNIVERSITY)

Under sec. 3 of UGC Act 1956.

Anand Nagar, Krishnankoil - 626126, Srivilliputtur (Via), Virudhunagar (Dt), Tamil Nadu | info@kalasalingam.ac.in | www.kalasalingam.ac.in

SCHOOL OF ELECTRONICS AND ELECTRICAL TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Faculty Development Program

“Let’s play Machine Learning with Tensor Flow 2.x”

This is to certify that

Mr. Leninpugalhanthi Assistant Professor of Sri Krishna College of Technology

Has participated in Faculty Development Program on “Let’s Play Machine Learning with Tensor Flow 2.x”, jointly organized by the Department of Electronics and Communication Engineering & FACLT, Kalasalingam Academy of Research and Education, Krishnankoil from 25th June to 1st July 2020.

A. Lakshmi

Coordinator

H. ...

Convener, HoD/ECE

P. ...

Dean/SEET,KARE

T. ...

Director (FA & CLT)

Mr P Leninpugalhanthi, Asst. Professor, Dept. of EEE, attended a five-day Faculty Development Programme on “Let’s Play Machine Learning with Tensor Flow 2.x” organized by the Dept. of ECE, Kalasalingam Academy of Research and Education, Virudhunagar, during 25 June – 1 July 2020.

EEE | FDP ON CURRENT AFFAIRS AND RESEARCH SCOPE IN RENEWABLE ENERGY

KNOWLEDGE 4.0 - TECHNICAL WEBINAR SERIES



CHENNAI INSTITUTE OF TECHNOLOGY
Sarathy Nagar, Kundrathur, Chennai - 600069.

ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAM
on
Current affairs and Research Scope in Renewable Energy




Certificate No: **CITEE099**

Certificate of Participation

This is to certify that

MAGDALIN MARY D

from SRI KRISHNA COLLEGE OF TECHNOLOGY, COIMBATORE

has participated in the One Week Online Faculty Development Program on Current affairs and Research Scope in Renewable Energy organised by Department of Electrical and Electronics Engineering, Chennai Institute of Technology from 29th June, 2020 to 03rd July, 2020


Organizing Secretary




Principal

Ms D Magdalin Mary, Asst. Professor, Dept. of EEE, attended a one-week Faculty Development Programme on “**Current affairs and Research Scope in Renewable Energy**” organized by the Dept. of EEE, Chennai Institute of Technology, Chennai during 29 June – 3 July 2020.

EEE | FDP ON ONLINE ICT TOOLS FOR EFFECTIVE TEACHING LEARNING



PRIYADARSHINI INSTITUTE OF SCIENCE AND TECHNOLOGY FOR WOMEN

Approved by AICTE New Delhi, Affiliated to JNTU Hyderabad

Sai Prabhath Nagar, Khammam Rural (M), Khammam (D), Telangana-507003

www.priyadarshinienggcollege.org



Certificate of Participation

This is to certify that Dr/Mr/Ms DR. K. GAAYATHRY,
ASSISTANT PROFESSOR, from SRI KRISHNA COLLEGE OF TECHNOLOGY, COIMBATORE, TAMILNADU.

has participated in Five Days Faculty Development programme On “*Online ICT Tools For Effective Teaching Learning*”, Organized by Department of Computer Science and Engineering, Priyadarshini Institute of Science and Technology for Women, Khammam, T.S, on 30th June to 04th July, 2020.

Certificate ID : DRZQ3U-CE000094

K.Spurthi
Co-convenor

M.Supriya Menon
Convener

I.Narasimha Rao
HoD, CSE

Dr. J. Lakshmi Narayana
Principal

Dr K Gaayathry, Asst. Professor, Dept. of EEE, attended a five-day Faculty Development Programme on “**Online ICT Tools For Effective Teaching Learning**” organized by the Dept. of CSE, Priyadarshini Institute of Science and Technology For Women, Telangana during 30 June – 04 July 2020.

ECE | FDP ON EMBRACING THE CREATIVE SIDE OF TEACHING AND LEARNING METHODS



Dr K Sumathi, Professor, Dept. of ECE, attended a Faculty Development Programme on **"Embracing the Creative Side of Teaching and Learning Methods"** organized by RMK College of Engineering and Technology, Chennai during 29 June - 3 July 2020.

ECE | FDP ON EMERGING TRENDS IN ETHICAL HACKING & CYBER SECURITY

Dr K Sumathi, Professor, Dept. of ECE, attended Faculty Development Programme on **"Emerging Trends in Ethical Hacking & Cyber Security"** organized by Hindusthan Institute of Technology, Chennai during 6 - 10 July 2020.



CIVIL | FDP ON SWOTTING OF DIGITAL TOOLS FOR EFFECTIVE ONLINE TEACHING



SONA COLLEGE OF TECHNOLOGY
Learning is a Celebration!
SALEM, TAMILNADU, INDIA

FACULTY DEVELOPMENT CELL
in association with
MHRD INSTITUTION'S INNOVATION COUNCIL (IIC)

ONE WEEK FACULTY DEVELOPMENT WEBINAR ON
SWOTTING OF DIGITAL TOOLS FOR EFFECTIVE ONLINE TEACHING
22 - 26, June 2020

Certificate

This is to certify that

Dr. / Mr. / Ms. **RAMESH R**

of **SRI KRISHNA COLLEGE OF TECHNOLOGY**

has participated in the One Week Faculty Development Webinar on
"SWOTTING OF DIGITAL TOOLS FOR EFFECTIVE ONLINE TEACHING"

organized by Faculty Development Cell,
Sona College of Technology, Salem during
22 - 26, June 2020.

A. Shalini
Mrs. A. SHALINI
CO-ORDINATOR

P. Renuka
Mrs. R. RENUKA
CO-ORDINATOR

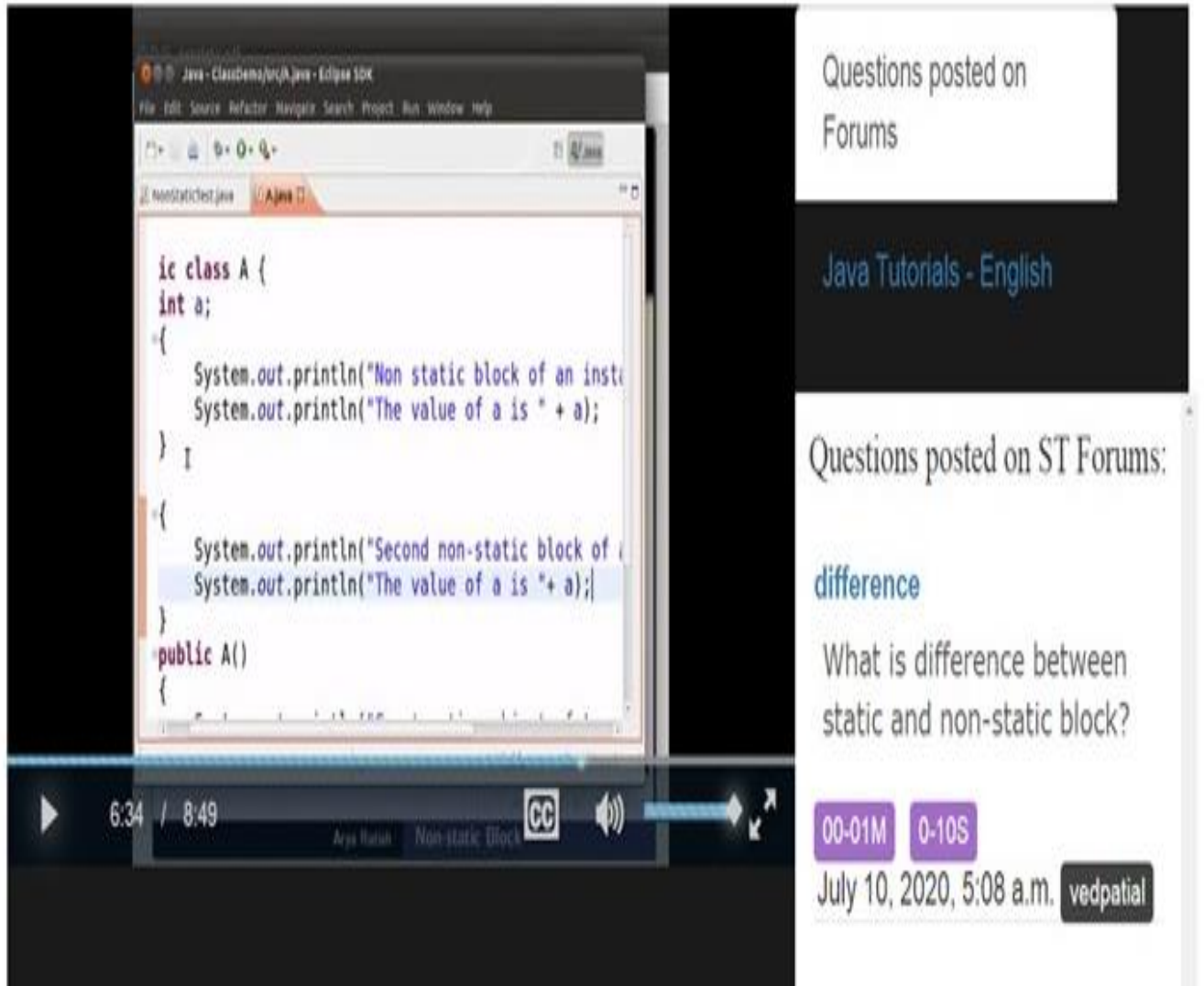
R. Malathy
Dr. R. MALATHY
PROFESSOR & HEAD/CIVIL
CONVENOR

S.R.R. Senthil Kumar
Dr. S.R.R. SENTHIL KUMAR
PRINCIPAL

Mr R Ramesh, Asst. Professor, Dept. of Civil Engineering, attended a Faculty Development Programme on “**Swotting of Digital Tools for Effective Online Teaching**” organized by Sona College of Technology, Salem during 22 – 26 June 2020.

CSE | FDP ON JAVA PROGRAMMING

Non static block - English



The image shows a video player interface. On the left, a code editor displays the following Java code:

```
public class A {  
    int a;  
    {  
        System.out.println("Non static block of an instance");  
        System.out.println("The value of a is " + a);  
    }  
    {  
        System.out.println("Second non-static block of an instance");  
        System.out.println("The value of a is " + a);  
    }  
    public A()  
    {  
    }  
}
```

On the right, a forum post is visible with the following text:

Questions posted on Forums

Java Tutorials - English

Questions posted on ST Forums:

difference

What is difference between static and non-static block?

00-01M 0-10S

July 10, 2020, 5:08 a.m. vedpatial

Dr M Deva Priya, Assoc. Professor, Dept. of CSE, has been attending a six-day Online FDP on "**Java Programming**" organised by the Dept. of CSE, Syed Ammal Engineering College, Ramanathapuram in association with Spoken Tutorial, IIT Bombay during 06 - 11 July 2020.

EEE | NATIONAL LEVEL ONLINE WORKSHOP ON LEARNING MANAGEMENT SYSTEM

Certificate No:ONPRS4-CE000219

SIDDHARTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY

Vinobhanagar, Ibrahimpatnam, R.R. Dist-501506
Accredited by NBA, Approved by AICTE & Affiliated to JNTUH



TWO-DAY NATIONAL LEVEL ONLINE WORKSHOP

on



“LEARNING MANAGEMENT SYSTEM”

This is to certify that *Dr P PONMURUGAN*

of *SRI KRISHNA COLLEGE OF TECHNOLOGY, COIMBATORE* has successfully completed the Two Day National Level Online Workshop on “**Learning Management System**” Conducted during *8th - 9th July 2020*, Organized by Department of Electronics & Communication Engineering, *SIDDHARTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY*, Ibrahimpatnam, Telangana In Association with SI

Mr. G. SAI RAM
Coordinator

Mrs. B. SWAPNA KUMARI
Coordinator

Dr. D. SUBBA RAO
HoD & Professor

Dr. E. L. NAGESH
Principal

Dr P Ponmurugan, Asso. Professor, Dept. of EEE, participated in the Two-day national level online workshop on “**Learning Management System**” organized by the Department of ECE, Siddhartha Institute of Engineering and Technology, Ibrahimpatnam, Telangana during 8 - 9 July 2020.

S&H | E-WORKSHOP ON MATERIALS PROCESSING AND TECHNOLOGY

Materials Processing and Technology

June 27, 2020

e-Workshop Organised by

Mahatma Gandhi Institute of Technology

Chaitanya Bharathi (Post), Gandipet, Hyderabad 500075.

Department of Physics and Chemistry

Certificate of Participation



This certificate is awarded to Dr.N.NALINI

for participating in e-workshop on "Materials Processing and Technology"
(MPT-2020) conducted on June 27, 2020.

Prof. K. Jaya Sankar
Principal MGIT.

Dr. M. Ravi Chandar
HoD P&C
Convener MPT-2020.

Dr. Ch. Srinivasu
Assistant Professor P&C
Coordinator MPT-2020.

Dr N Nalini, Asst. Professor of Chemistry, Dept. of Science and Humanities, attended an E- Workshop on "**Materials Processing and Technology**" (MPT-2020) conducted on 27 June 2020.

**S&H | WORKSHOP ON IMPACT OF SAS IN
BIostatISTICS AND CLINICAL TRIALS**



MIDS ACADEMY

Step Up With Us
Coimbatore

mail2mids @ gmail.com

Certificate ID: MAS1202006

E - Certificate of Participation

This is to certify that **Mrs.B.Haripriya** has participated in the Two Days Workshop on "**Impact of SAS in Biostatistics and Clinical Trials**" held on 04 & 05 July 2020 organised by MIDS ACADEMY, Coimbatore.

Mrs.JemyAntony
Trainer- MIDS

Mr.P.Sabarish
Director- MIDS

This is an auto generated E-Certificate, Hence no Signature Required

Ms B Hariprya, Asst. Professor of Mathematics, Dept. of Science and Humanities, participated in the two-day Workshop on "**Impact of SAS in Biostatistics and Clinical Trials**" organised by MIDS ACADEMY, Coimbatore during 4 - 5 July 2020.

CSE | FDP ON MACHINE LEARNING ESSENTIAL FOR EVERY RESEARCHER

● REC ((•)) LIVE

MACHINE LEARNING VS DEEP LEARNING

| | Machine Learning | Deep Learning |
|-----------------------|--|--|
| Data Dependencies | Performs well on small/medium datasets | Performs well on large datasets |
| Hardware Dependencies | Works on a low-end machine | Requires a powerful machine, preferably with GPU (DL performs a significant amount of matrix multiplication) |
| Feature Engineering | Requires an understanding of the features that depict data | No need to understand the features that represent data |
| Execution time | Takes from few minutes to hours | May take up to weeks as neural networks need to compute a significant number of weights |
| Interpretability | Algorithms are easy to interpret (except for a few, such as SVM and XGBoost) | Computations performed by neural networks are difficult and impossible to interpret |

● REC ((•)) LIVE

TYPES OF LEARNING

Supervised Learning

- Training data + desired outputs (labels)

Unsupervised Learning

- Training data (without desired outputs)

Semi-Supervised Learning

- Training data + few desired outputs

Reinforcement Learning

- Rewards from sequence of actions

1

Supervised Learning

- ✓ Deals with labeled datasets
- ✓ Two processes
- ✓ Classification
- ✓ Regression

2

Un-supervised Learning

- ✓ It uses unlabeled data
- ✓ No idea which types of results are expected.
- ✓ Two types
 - ✓ Clustering
 - ✓ Dimensionality reduction

3

Semi-supervised Learning

- ✓ Known as hybrid learning and it lies between supervised and unsupervised learning.
- ✓ Combination of labeled and unlabeled data.

4

Reinforcement Learning

- ✓ There are no training data sets.
- ✓ An example of reinforcement learning problem is game.

meet.google.com is sharing your screen. Stop sharing Hide



Ms T Suganya, Asst. Professor, Dept. of CSE, attended a five-day Faculty Development Programme on “Machine learning Essential for Every Researcher” organized by Kongu Engineering College, Erode during 6 – 10 July 2020 .

CSE | FDP ON MACHINE LEARNING ESSENTIAL FOR EVERY RESEARCHER

LIVE

Dimensionality Reduction

- Backward Feature Elimination
- Forward Feature Construction
- Low Variance Filter - Threshold
- Principal Component Analysis

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Yo

REC

LIVE

TYPES OF LEARNING

Supervised Learning

- Training data + desired outputs (labels)

Unsupervised Learning

- Training data (without desired outputs)

Semi- Supervised Learning



- Training data + few desired outputs

Reinforcement Learning

- Rewards from sequence of actions

| | | |
|---|--------------------------|---|
| 1 | Supervised Learning | <ul style="list-style-type: none"> ✓ Deals with labeled datasets ✓ Two processes <ul style="list-style-type: none"> ✓ Classification ✓ Regression |
| 2 | Un-supervised Learning | <ul style="list-style-type: none"> ✓ It uses unlabeled data ✓ No idea which types of results are expected. ✓ Two types <ul style="list-style-type: none"> ✓ Clustering ✓ Dimensionality reduction |
| 3 | Semi-supervised Learning | <ul style="list-style-type: none"> ✓ Known as hybrid learning and it lies between supervised and unsupervised learning. ✓ Combination of labeled and unlabeled data. |
| 4 | Reinforcement Learning | <ul style="list-style-type: none"> ✓ There are no training data sets. ✓ An example of reinforcement learning problem is game. |

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You  

IT | FDP ON QUALITY SUSTAINABILITY AND
QUALITY ENHANCEMENT STRATEGY

KKR & KSR Institute of Technology and Sciences-IQAC

in collaboration with



Andhra Pradesh State Council of Higher Education

organized

Faculty Development Programme on

Quality Sustainability and Quality Enhancement Strategy



CERTIFICATE OF PARTICIPATION

This it is to certify that **Dr D. Jeyabharathi**of **Sri Krishna College of Technology**

has participated in the 3-Day online Faculty Development Programme on "Quality Sustainability and Quality Enhancement Strategy " organized by IQAC of KKR & KSR Institute of Technology and Sciences, Guntur, Andhra Pradesh in collaboration with Andhra Pradesh State Council of Higher Education held from 02.07.2020 to 04.07.2020 .

Prof. K. Rama Mohana Rao
Vice Chairman, APSCH

Dr. P. Babu
Principal

Dr. K. Hari Babu
Director

Dr. M. S. S. Sai
IQAC- Coordinator

Dr D Jeyabharathi, Asst. Professor, Dept. of IT, participated in a three-day Online Faculty Development Programme on “**Quality Sustainability and Quality Enhancement Strategy**” organized by IQAC of KKR & KSR Institute of Technology and Sciences, Andhra Pradesh in collaboration with Andhra Pradesh State Council of Higher Education held during 02 - 04 July 2020.

IT | WORKSHOP ON VIRTUAL PRACTICAL CLASSROOM SOLUTION



Ms V Roopa, Asst. Professor, Dept. of IT, participated in the Online Workshop on **“Virtual Practical Classroom Solution”** organized by Sathyabama Institute of Science and Technology, Chennai on 27 June 2020.



SKCT | IIC ONLINE TALK SERIES



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



@skctdigest



@ skctofficial



digestfeedback@skct.edu.in

SKCT | STUDENT - IIC ONLINE SESSION PARTICIPATION CERTIFICATE



This is to certify that

Dr./Mr./Ms. Varunkumar . K
of
Sri Krishna College of technology

has participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.





Sri. Dipan Sahu
National Coordinator, IIC
MHRD's Innovation Cell

Dr. Mohit Gambhir
Innovation Director
MHRD's Innovation Cell

Dr. Abhay Jere
Chief Innovation Officer
MHRD's Innovation Cell



Certificate no : 654
Date : 2020-07-07



This is to certify that

Dr./Mr./Ms. Jayasri Varadharaj
of
Sri Krishna College of Technology

has participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.





Sri. Dipan Sahu
National Coordinator, IIC
MHRD's Innovation Cell

Dr. Mohit Gambhir
Innovation Director
MHRD's Innovation Cell

Dr. Abhay Jere
Chief Innovation Officer
MHRD's Innovation Cell



Certificate no : 685
Date : 2020-07-07



This is to certify that

Dr./Mr./Ms. M G Deepak Santhosh
of
Sri Krishna College of technology

has participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.




Sri. Dipan Sahu
National Coordinator, IIC
MHRD's Innovation Cell

Dr. Mohit Gambhir
Innovation Director
MHRD's Innovation Cell



Certificate no : 591
Date : 2020-07-07

**The e-Sessions attended by the participant is listed in Annexure*



This is to certify that

Dr./Mr./Ms. Vishnu K
of
Sri Krishna College of technology

has participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.




Sri. Dipan Sahu
National Coordinator, IIC
MHRD's Innovation Cell

Dr. Mohit Gambhir
Innovation Director
MHRD's Innovation Cell



Certificate no : 658
Date : 2020-07-07

**The e-Sessions attended by the participant is listed in Annexure*



This is to certify that

Dr./Mr./Ms. Yashini. B
of
Sri Krishna college of technology

has participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.





Sri. Dipan Sahu
National Coordinator, IIC
MHRD's Innovation Cell

Dr. Mohit Gambhir
Innovation Director
MHRD's Innovation Cell

Dr. Abhay Jere
Chief Innovation Officer
MHRD's Innovation Cell



Certificate no : 660
Date : 2020-07-07

**The e-Sessions attended by the participant is listed in Annexure*

SKCT | FACULTY - IIC ONLINE SESSION PARTICIPATION CERTIFICATE



This is to certify that
Dr./Mr./Ms. Dr.S.Sundararaj
of
Sri Krishna College of Technology

has participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.

(Signature)
Sri. Dipan Safu
National Coordinator, IIC
MHRD's Innovation Cell

(Signature)
Dr. Mohit Gambhir
Innovation Director
MHRD's Innovation Cell



This is to certify that
Dr./Mr./Ms. Dr. Santhoshi S
of
Sri Krishna College of Technology, Coim

has participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.

(Signature)
Sri. Dipan Safu
National Coordinator, IIC
MHRD's Innovation Cell

(Signature)
Dr. Mohit Gambhir
Innovation Director
MHRD's Innovation Cell



This is to certify that
Dr./Mr./Ms. NIVETHA NRP
of
Sri Krishna College of Technology

has participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.

(Signature)
Sri. Dipan Safu
National Coordinator, IIC
MHRD's Innovation Cell

(Signature)
Dr. Mohit Gambhir
Innovation Director
MHRD's Innovation Cell

(Signature)
Dr. Abhay Jere
Chief Innovation Officer
MHRD's Innovation Cell



This is to certify that
Dr./Mr./Ms. SAM PETER S
of
Sri Krishna College of Technology, Coimbatore

has participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.

(Signature)
Sri. Dipan Safu
National Coordinator, IIC
MHRD's Innovation Cell

(Signature)
Dr. Mohit Gambhir
Innovation Director
MHRD's Innovation Cell

(Signature)
Dr. Abhay Jere
Chief Innovation Officer
MHRD's Innovation Cell

Certificate no : 2216
Date : 2020-07-07



Scan to verify

*The e-Sessions attended by the participant is listed in Annexure



This is to certify that
Dr./Mr./Ms. Roopa V
of
Sri Krishna College of Technology

has participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.

(Signature)
Sri. Dipan Safu
National Coordinator, IIC
MHRD's Innovation Cell

(Signature)
Dr. Mohit Gambhir
Innovation Director
MHRD's Innovation Cell

(Signature)
Dr. Abhay Jere
Chief Innovation Officer
MHRD's Innovation Cell

Certificate no : 2747
Date : 2020-07-07



Scan to verify

*The e-Sessions attended by the participant is listed in Annexure

EEE | IIC ONLINE SERIES



Members of Faculty in the Dept. of EEE participated in the **IIC Online Sessions** conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi from 28 April 2020 to 22 May 2020.

ICE | IIC ONLINE SERIES



Dr T Chinnadurai, Assoc. Professor and Mr S Dilip Kumar, Asst. Professor, Dept. of ICE, participated in the IIC Online Sessions conducted by **Institution's Innovation Council (IIC)** of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28 April to 22 May 2020 during COVID-19 nationwide lockdown.

CIVIL | IIC ONLINE SERIES



Members of Faculty in the Dept. of Civil Engineering attended the IIC Online Session conducted by MHRD Innovation Cell from 28 April to 22 May 2020.

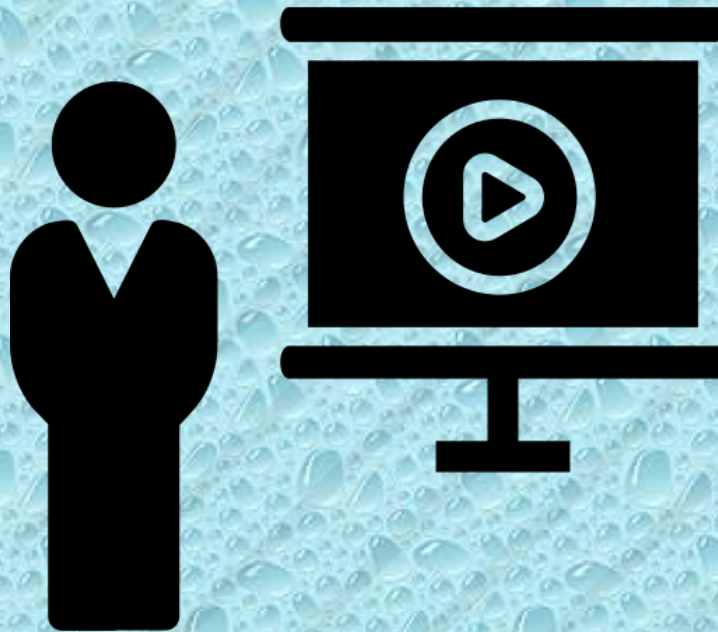
CSE | IIC ONLINE SERIES



Members of Faculty in the Dept. of CSE participated in the IIC Online Sessions conducted by **Institution's Innovation Council (IIC)** of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship and Start-ups among Higher Education Institutes during 28 April - 22 May 2020.



NEW VISTAS OF LEARNING



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digestfeedback@skct.edu.in

**EEE | WEBINAR ON DECODING THE LIFE CYCLE OF
TECHNOLOGY-DRIVEN SUSTAINABLE
DEVELOPMENT PROGRAMS****CERTIFICATE OF PARTICIPATION**

This is to certify that

Dr. Santhosh P.

has attended the webinar on "**Decoding the Life Cycle of Technology-Driven Sustainable Development Programs**" by Mr. Sampathkumar Veeraraghavan, Chair, IEEE SIGHT Global Steering Committee organized by IEEE YESIST12 Maker Fair 2020 team in association with IEEE SSIT Madras Section Chapter on 29th June 2020.



Navaneethakrishnan Ramanathan

Chair - IEEE YESIST12 Maker Fair 2020



Dr P Santhosh, Asst. Professor, Dept. of EEE, attended a Webinar on "**Decoding the Life Cycle of Technology-Driven Sustainable Development Programs**" organized by IEEE YESIST12 Maker Fair 2020 on 29 June 2020.

EEE | WEBINAR ON INTRODUCTION TO ML/AI & BLOCKCHAIN APPLICATIONS IN ENERGY MANAGEMENT

Dr. MAHALINGAM
COLLEGE OF ENGINEERING AND TECHNOLOGY
Udumalair Road, Pollachi - 642 003, Tamilnadu.

Certificate
OF PARTICIPATION

This Certificate is to appreciate

Manimegalai V, Assistant Professor

EEE

Sri Krishna College of Technology

for actively participating in the online webinar on

“Introduction to ML /AI & Blockchain Applications in Energy Management” Organized by the

Department of Electrical and Electronics Engineering

on **4th July 2020.**

Dr. L. Chitra
Coordinator

Dr. A. Senthil Kumar
Professor & Head

Ms V Manimegalai, Asst. Professor, Dept. of EEE, participated in a Webinar titled **“Introduction to ML/AI & Blockchain Applications in Energy Management”** organized by the Dept. of EEE, Dr. Mahalingam College of Engineering and Technology, Pollachi on 4 July 2020.

**MECH | WEBINAR ON OVERVIEW OF VAPOUR
ABSORPTION SYSTEM****ISHRAE**
Coimbatore ChapterIndian Society of Heating, Refrigerating &
Air Conditioning Engineers (Regd.)**CERTIFICATE OF PARTICIPATION**

This is to certify that

Dr.S.Sundararaj

Professor, Sri Krishna College of Technology

has actively participated in the webinar "*Overview of Vapour Absorption System*" delivered by Dr.C.P.Jawahar, Professor & Head, Department of Mechanical Engineering, Amity University, Gwalior, organized by ISHRAE Coimbatore Chapter on 04th July 2020.

T.R.SATHISH KUMAR
Program ChairG.SENTHIL RAJ
President

Dr S Sundararaj, Professor, Dept. of Mechanical Engineering, participated in a Webinar on "**Overview of Vapour Absorption System**" facilitated by Dr C P Jawahar, Professor and Head, Dept. of Mechanical Engineering, organized by ISHRAE Student Chapter Amity University, Gwalior on 04 July 2020.

MECH | WEBINAR ON SCOPE OF AUTOMOTIVE INDUSTRY DURING AND AFTER COVID-19

What are we going to talk about!

- Structure of Automotive Sector
- How Industry Works
- Academic Concept V/s Industrial Technology
- Future of Automotive Sector (next 10 years)
- How Industry captures talent
- Career Opportunities Post Covid-19
- Industry Expectations from You- How to be ready
- Certificate and feedback

A Car has 30,000+ Parts!

Expert Session - Scope in Automotive

Companies (Tier 1)

- Engine & engine parts**
 - Wipac - Corolla, Strion, Palson & Higo, Auto Pacific, Awaraj Power Ltd
 - Engine Connect - Power Engines, Indian, Bharat, Palson & Higo, SRII System
 - Engine Parts - Fiat Fiat Engines & Power Components & Power Auto Components
 - Engine/Power Train Operator systems - Bharat, SRII, SRII System & Tata/Corolla
- Transmission & steering parts**
 - Steering Systems - Bharat, Bharat Steering Systems, Bharat SRII Steering Systems & Bharat TNS System
 - Gear - Bharat Steers, Tata Bharat Steers, SRII Steering Drive (SRII Ltd), Indian, Bharat/Transmission & Gear (SRII Ltd)
 - Clutch - Clutch Auto Clutch Parts, Impregnation Parts, Lam Discs
 - Brake/Clutch - SRII Clutch/Clutch, SRII Auto Parts Ltd, SRII & SRII Steer Steering Systems
- Suspension & steering parts**
 - Brake Systems - Bharat Steers, Bharat Steers, Bharat Steers Ltd & Bharat Steers
 - Brake Lines - Bharat Steers, Bharat Steers, Bharat Steers, Bharat Steers & Bharat Steers
 - Leaf Springs - Bharat Steers & Bharat Steers
 - Shock Absorbers - Bharat Steers, Bharat Steers, Bharat Steers Ltd & Bharat Steers
- Exhaust**
 - Exhaust TNS, Exhaust, Exhaust Parts, Exhaust, & Exhaust Exhaust via key process in the segment
- Equipment**
 - Headlights - Corolla, Awaraj & Bharat Steers
 - Dashboard - Bharat Steers & Bharat Steers
 - Wiper/Wiper parts - Bharat Steers, Bharat Steers, Bharat Steers & Bharat Steers

Technical Departments - Roles

| OEM & Suppliers | Role and Skills |
|-----------------------------|---|
| Benchmarking and R&D | VD Knowledge and experience in advanced tech |
| Design | VD Knowledge and CAD skills to design |
| Analysis | FEA skills and Cross team working |
| Testing | VD Knowledge and Hands on experience and Cross team working |
| Prototype Build | Manufacturing skills and cross team working |
| Vehicle performance Testing | VD & Knowledge about Testing methods, Data Acquisition and cross team working |
| Vehicle safety Testing | VD & Knowledge about Testing methods, Data Acquisition and cross team working |
| Cost Reduction Designing | Strong Engineering Skills, VD skills, Cost optimization Software |

Present to Future (2015-2030)

Bajaj Auto makes a 'surprising' recovery
As a result of Maruti, Bajaj Auto has emerged the biggest among Indian two-wheeler makers in India, by registering a revenue of Rs 20,000 crore and a profit of Rs 5,100 crore.

Future for Indian Auto

- Maruti Suzuki partners with Kotak Vysya Bank for vehicle financing
- Maruti Suzuki ties up with Industrial Bank for car finance schemes

- Yes, there is a slowdown - Recovery is prone to V-shaped recovery
- 20% of Indian automotive parts come from China
- Re-positioning of the Supply Chain

Members of Faculty and Students in the Dept. of Mechanical Engineering attended a Webinar titled "Scope of Automotive Industry during and after COVID-19" facilitated by Mr. Sundar Iyer, Research & Development Volvo CE, USA and organized by Elite Techno Groups and SAE INDIA, SKCT through YouTube Live on 05 July 2020.

S&H | WEBINAR ON A BUNDLE OF TOOLS FOR ONLINE TEACHING



Dr N Nalini, Asst. Professor of Chemistry, Dept. of Science and Humanities, attended a one-day International Webinar on **"A Bundle of Tools for Online Teaching"** organised by the Internal Quality Assurance Cell (IQAC) of Sri Ramakrishna Mission Vidyalaya College of Education, Coimbatore on 27 June 2020

S&H | WEBINAR ON CORROSION PERFORMANCES OF LIGHT METALS



Hindusthan
Institute of Technology
(AN AUTONOMOUS INSTITUTION)

- Approved by AICTE, New Delhi.
- Permanently Affiliated to Anna University, Chennai
- Accredited by NAAC with 'A' grade.
- Accredited by NBA (Aero, CSE, ECE & Mech)

CERTIFICATE OF PARTICIPATION

This is to certify that

**Ms.S.S.SABITHAMALA , ASSISTANT
PROFESSOR**

SRI KRISHNA COLLEGE OF TECHNOLOGY

has actively participated in International level webinar on " CORROSION PERFORMANCES OF LIGHT METALS ", organised by Department of Science and Humanities (Chemistry), Hindusthan Institute of Technology, Coimbatore - 641 032.



Date : 2nd July 2020

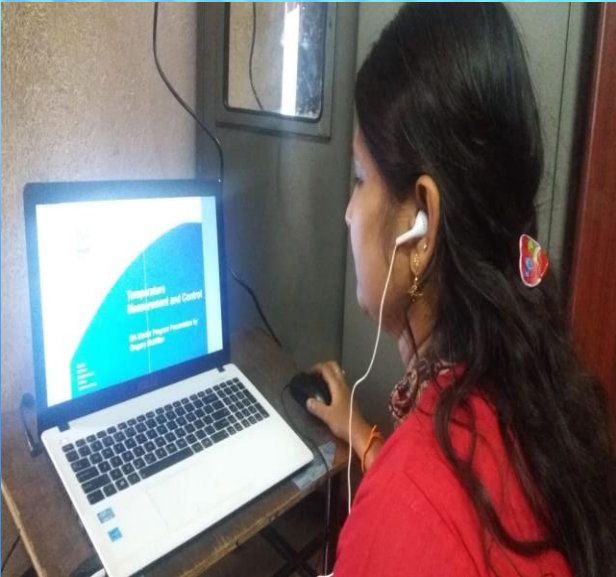
Dr. R. Sivakumar
Co-ordinator

Dr. S. K. Latha
Convener

Dr. C. Natarajan
Principal

Ms S S Sabithamala, Asst. Professor of Chemistry, Dept. of Science and Humanities, attended a one-day International Webinar on “Corrosion Performances of Light Metals” organised by the Dept. of Science and Humanities, Hindhustan Institute of Technology, Coimbatore on 2 July 2020.

ICE | WEBINAR ON TEMPERATURE MEASUREMENT AND CONTROL



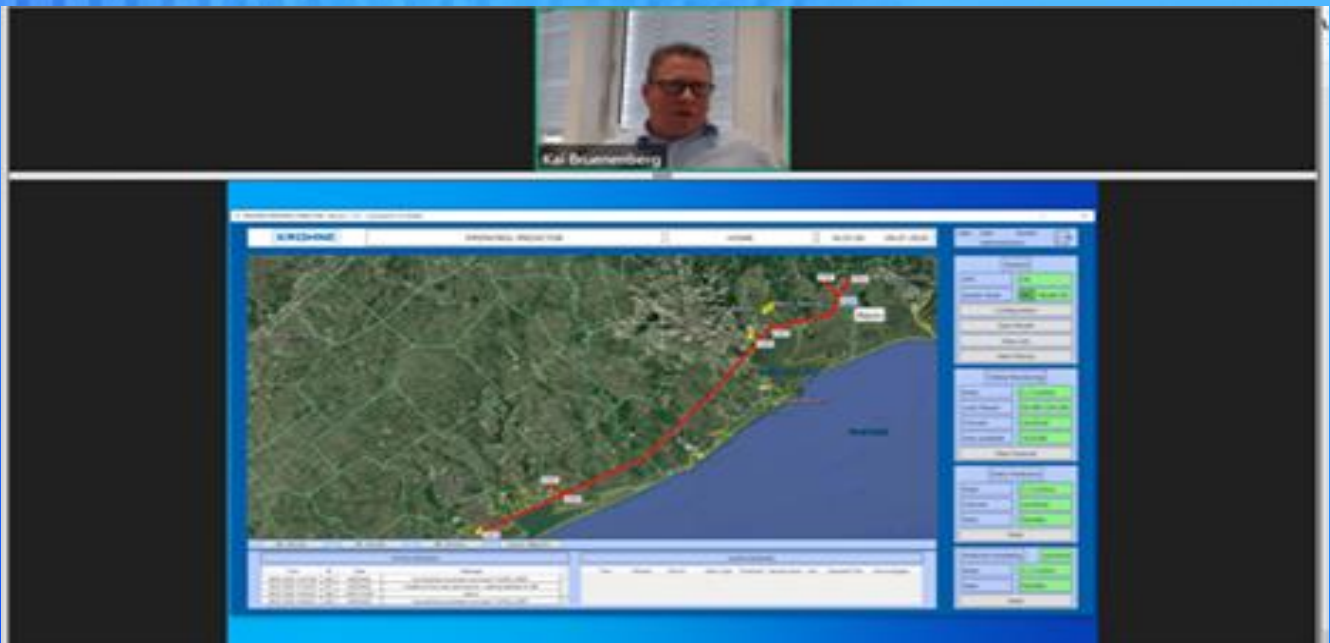
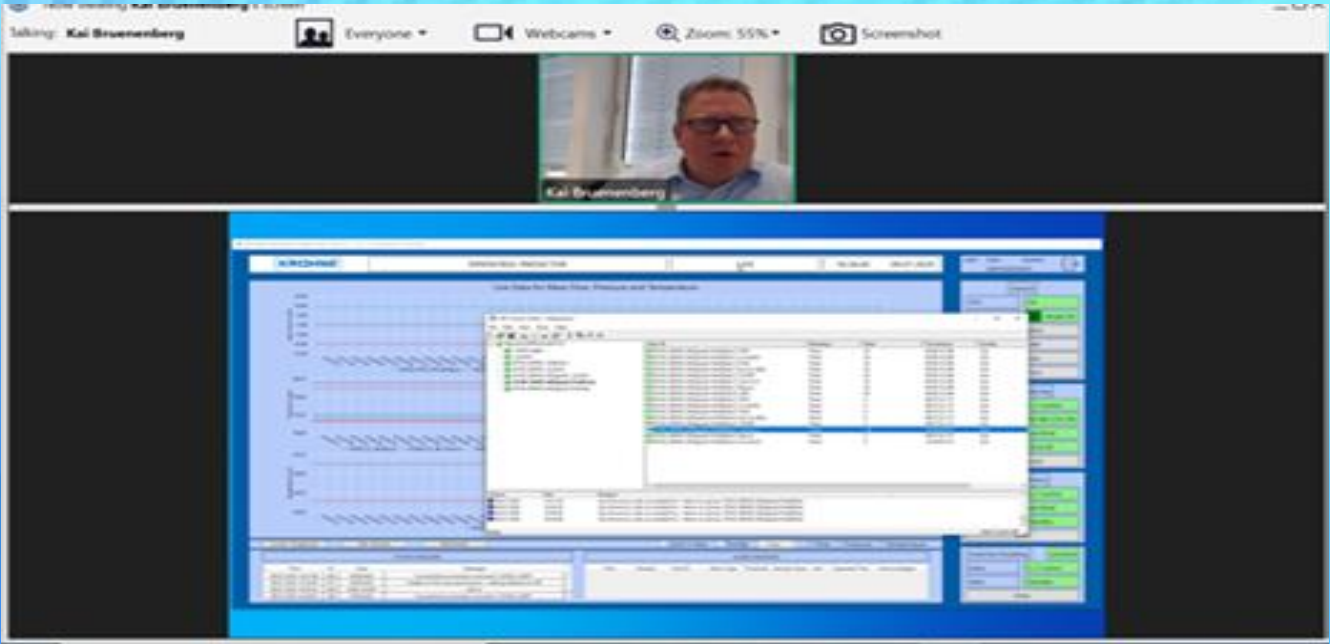
Mrs K.Shanthi, Asst. Professor, Dept. of ICE, attended a Webinar on **“Temperature measurement and control”** by Gregory McMillan, Senior President, ISA Mentor, ISA on 10 July 2020.

ECE | WEBINAR ON QUIT YOUR COMFORT ZONE AND HIT YOUR TARGET

Dr K Sumathi, Professor, Dept. of ECE, attended a Webinar on **“Quit your Comfort Zone and Hit your Target”** organized by Sri Eshwar College of Engineering, Coimbatore on 8 July 2020.



ICE | WEBINAR ON PREDICTING FUTURE PIPELINE BEHAVIOR BY PIPELINE MODELING



Dr T Chinnadurai, Assoc. Professor, Dept. of ICE, attended a Webinar on **“Predicting Future Pipeline behaviour by Pipeline Modelling”** by KROHNE Academy Online on 9 July 2020.

ECE | WEBINAR ON ENGINEER YOUR THOUGHTS FOR IT INDUSTRY



Dr K Sumathi, Professor, Dept. of ECE, attended a Webinar on **“Engineer Your Thoughts for IT Industry”** organized by Sri Eshwar College of Engineering, Coimbatore on 9 July 2020.

ECE | WEBINAR ON PRODUCT LIFECYCLE MANAGEMENT

Dr K Sumathi, Professor, Dept. of ECE, attended a Webinar on **“Product Lifecycle Management”** organized by Sri Eshwar College of Engineering, Coimbatore on 10 July 2020.



ECE | WEBINAR ON AEROSPACE AT THE LEADING
EDGE – NATURE TECHNOLOGY



Ms N Vijayalaksmi, Asst. Professor, Dept. of ECE, attended a Webinar on “Aerospace at the Leading Edge – Nature Technology” organized by Chennai Institute of Technology, Coimbatore on 8 July 2020.

EEE | WEBINAR ON EMERGING TRENDS IN ELECTRIC VEHICLES



FRANCIS XAVIER™
ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION

Vannarpettai, Tirunelveli - 627 003



INSTITUTION'S
INNOVATION
COUNCIL

(Ministry of HRD Initiative)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Certificate of Participation

This is to Certify that **Leninpugalhanthi** of Sri Krishna College of Technology, Coimbatore , has actively Participated in the Webinar on “**EMERGING TRENDS IN ELECTRIC VEHICLES**” Presented by **Dr.P.Santhosh**, of Sri Krishna College of Technology, Coimbatore. organized by Department of Electrical and Electronics Engineering of **FRANCIS XAVIER ENGINEERING COLLEGE**, Tirunelveli on 10.07.2020.

Coordinator
Mr.S.Selvakumar

HOD/EEE
Dr.P.Annapandi

Principal
Dr.V.Velmurugan

Mr P Leninpugalhanthi, Asst. Professor, Dept. of EEE, participated in the webinar on “**Emerging Trends in Electric Vehicles**” organized by the Department of EEE, Francis Xavier Engineering College, Tirunelveli on 10 July 2020.

**CIVIL | WEBINAR ON HEALTHY & RESILIENT CITIES
IN THE FACE OF COVID-19**

CERTIFICATE
PROUDLY PRESENTED TO

Dr. SREEVIDYA V

Healthy & Resilient Cities in The Face of COVID-19

Jul 8, 2020

Date of Completion

UltraTech Cement Ltd.

Organizer



Dr V Sreevidya, Assoc. Professor, Dept. of Civil Engineering attended a Webinar on **“Healthy & Resilient Cities in the Face of Covid - 19”** organized by Ultratech Cements on 8 July 2020.

CIVIL | WEBINAR ON DESIGN & OPERATIONAL ADVANCEMENTS FOR FUTURE



The certificate features logos for ACI, ICI, UltraTech (India's No. 1 Cement), and SRM Institute of Science and Technology. The text certifies Dr. V. Sreevidya's participation in a technical webinar on "Design & Operational Advancements for Future" presented by Dr. C. Velan. The event was organized by the Department of Civil Engineering at SRM Institute of Science and Technology, in association with ACCE (I) and UltraTech Cement Ltd. on July 4, 2020. Four signatures are present at the bottom, representing the Assistant Professor/Civil, HOD/Civil, Regional Head of Technical Services, and Chairman of ACCE (I).

Dr V Sreevidya, Assoc. Professor, Dept. of Civil Engineering, attended a Webinar on **“Design & Operational Advancements for Future”** SRM Institute of Science and Technology, Chennai on 4 July 2020.

ECE | WEBINAR ON VLSI SOC DESIGN USING OPEN SOURCE EDA TOOLS



PSG Institute of Technology and Applied Research
Neelambur, Coimbatore - 641 062.

Certificate of Participation

This is to certify that Mr./Ms./Dr. M.N of Sri Krishna College of Technology has participated in the *National Webinar* on "VLSI SoC design using open source EDA tools" organized by the Department of Electronics and Communication Engineering in association with Institution of Electronics and Telecommunication Engineers held on 4th July 2020.

Dr M Jayasanthi ASP/ECE
Co-Ordinator

Dr P Vetrivelan
HoD (I/C) - ECE

Dr G Chandramohan
Vice Principal



PSG Institute of Technology and Applied Research
Neelambur, Coimbatore - 641 062.

Certificate of Participation

This is to certify that Mr./Ms./Dr. Vijayalakshmi Nanjappan of Sri Krishna college of technology has participated in the *National Webinar* on "VLSI SoC design using open source EDA tools" organized by the Department of Electronics and Communication Engineering in association with Institution of Electronics and Telecommunication Engineers held on 4th July 2020.

Dr M Jayasanthi ASP/ECE
Co-Ordinator

Dr P Vetrivelan
HoD (I/C) - ECE

Dr G Chandramohan
Vice Principal

Dr P V Mohanram
Principal



PSG Institute of Technology and Applied Research
Neelambur, Coimbatore - 641 062.

Certificate of Participation

This is to certify that Mr./Ms./Dr. BANUSELVARASWATHY B of SRI KRISHNA COLLEGE OF TECHNOLOGY has participated in the *National Webinar* on "VLSI SoC design using open source EDA tools" organized by the Department of Electronics and Communication Engineering in association with Institution of Electronics and Telecommunication Engineers held on 4th July 2020.

Dr M Jayasanthi ASP/ECE
Co-Ordinator

Dr P Vetrivelan
HoD (I/C) - ECE

Dr G Chandramohan
Vice Principal

Dr P V Mohanram
Principal





PSG Institute of Technology and Applied Research
Neelambur, Coimbatore - 641 062.

Certificate of Participation

This is to certify that Mr./Ms./Dr. S of SRI KRISHNA COLLEGE OF TECHNOLOGY has participated in the *National Webinar* on "VLSI SoC design using open source EDA tools" organized by the Department of Electronics and Communication Engineering in association with Institution of Electronics and Telecommunication Engineers held on 4th July 2020.

Dr M Jayasanthi ASP/ECE
Co-Ordinator

Dr P Vetrivelan
HoD (I/C) - ECE

Dr G Chandramohan
Vice Principal



PSG Institute of Technology and Applied Research
Neelambur, Coimbatore - 641 062.

Certificate of Participation

This is to certify that Mr./Ms./Dr. R R Thirunavukkarasu of Sri Krishna College of Technology has participated in the *National Webinar* on "VLSI SoC design using open source EDA tools" organized by the Department of Electronics and Communication Engineering in association with Institution of Electronics and Telecommunication Engineers held on 4th July 2020.

Dr M Jayasanthi ASP/ECE
Co-Ordinator

Dr P Vetrivelan
HoD (I/C) - ECE

Dr G Chandramohan
Vice Principal

Dr P V Mohanram
Principal

**ECE | WEBINAR ON MEDICLAIMS – AN ALTERNATIVE
TO KILL FEAR DURING PANDEMIC SITUATIONS****KUMARAGURU**
college of technology
established in 1978Department of
Electronics and
Communication Engineering

Presents this

CERTIFICATE

To

Malathy Subramaniam

of

Sri Krishna College of Technology, Coimbatore, Tn, India

For his/her active and invaluable participation in the Webinar on
"Mediclaims-An Alternative to kill Fear During Pandemic Situations" organized by
Department of Electronics and Communication Engineering,
Kumaraguru College of Technology, in association with IEET Coimbatore Local
Centre, Coimbatore, Conducted on 05 July 2020.

Head/ECE

Dr.S.A.Panapathy

Kumaraguru College of Technology

Principal

Dr.J.Srivivasan

Kumaraguru College of Technology

Dr S Malathy, Professor, Dept. of ECE attended a Webinar on
"Mediclaims – An Alternative to Kill Fear During Pandemic
Situations" organized by Kumaraguru College of Technology,
Coimbatore on 6 July 2020.

ECE | WEBINAR ON APPLICATIONS OF MACHINE LEARNING IN COVID19

Dr K Sumathi, Professor, Dept. of ECE, attended a Webinar on “Applications of Machine Learning in COVID19” organized by Hindusthan Institute of Technology, Coimbatore on 4 July 2020.



ECE | WEBINAR ON WHERE WILL YOU FIT INTO A REAL TIME PROJECT



Dr K Sumathi, Professor, Dept. of ECE, attended a Webinar on “Where will you fit into a Real Time Project” organized by Sri Eshwar College of Engineering, Coimbatore on 2 July 2020.

ECE | WEBINAR ON EXPLORING THE CLOUD INFRASTRUCTURE WITH MICROSOFT AZURE



Dr K Sumathi, Professor, Dept. of ECE, attended a Webinar on "Exploring the Cloud Infrastructure with Microsoft Azure" organized by Hindusthan Institute of Technology, Coimbatore on 4 July 2020.

ECE | WEBINAR ON EMINENCE OF INTERNET OF THING AND ITS APPLICATIONS IN REAL WORLD

Dr Senoj Joseph, Assoc. Professor, Dept. of ECE, attended a Webinar on "Eminence of Internet of Thing and its Applications in Real world" organized by Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore on 3 July 2020.



ICE | WEBINAR ON DEVELOPING ROBOTICS
APPLICATION USING MATLAB

We Make You Shine

St. JOSEPH'S INSTITUTE OF TECHNOLOGY

St. JOSEPH'S GROUP OF INSTITUTIONS

OMR, Chennai-119.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Certificate of Participation

This is to certify that Mr/Ms **Dr T CHINNADURAI** of **SRI KRISHNA COLLEGE OF TECHNOLOGY - COIMBATORE** has attended the online training on "**Developing Robotics Application using MATLAB**" handled by "Dr.M.M.Ramya, Professor, Hindustan Institute of Technology & Science" conducted by the Department of Electrical and Electronics Engineering, St. Joseph's Institute of Technology on July 1st to 3rd 2020.

Dr. D. Kirubakaran

HoD

St. Joseph's Institute of Technology

Since 1994

Dr. P. Ravichandran

Principal

St. Joseph's Institute of Technology

Dr T Chinnadurai, Assoc. Professor, Dept. of ICE, attended a Webinar on "**Developing Robotics Application Using Matlab**" organized by the Department of EEE, St. Joseph's Institute of Technology, Chennai during 01 - 03 July 2020.

SoM | WEBINAR ON INDUSTRIAL APPLICATION OF MACHINE LEARNING AND DATA SCIENCE

DL in Retail Space – Image Processing

Deep Learning(DL) has become a key element in the digitalization of in-store retail by personalizing the customer experience and creating a more engaged business-to-consumer interaction. For retail companies, AI creates an opportunity to bridge the gap between virtual and physical sales channels.

Before

Product descriptions for unique items are written manually in an unstructured manner. Many tedious working hours are spent, and style inconsistencies in the descriptions exist while big investments are made to train copywriters as well as edit copy for grammar.

After

Product descriptions are generated automatically, using only product images. The system detects key features of the items in the images and describes them accordingly.



Adha Selvarajan's screen

Approach

Extract structured information from product descriptions in order to use it jointly with product images to train a deep learning model with the capability of generating consistent product descriptions using only product item photographs.

Description
Honey Nut Cheerios are made with real honey and natural almond flavor, and they are gluten free and simply made without artificial flavors or colors.

Standard attributes

- Category: Breakfast and Cereal - Cereal
- Brand: Cheerios
- Product: Cheerios Cereal Whole Grain Oats Honey Nut
- Size: Family Size, 19.5 Oz

Derived / Latent attributes

- Kosher
- Gluten Free
- Contains nuts
- Contains sugar

Description - Automatically generated product distribution.
Standard Attributes - Data Generated using NLP and vision
Derived/ Latent Attributes - Data generated using information from standard attributes and rules.

Customer Churn Analysis

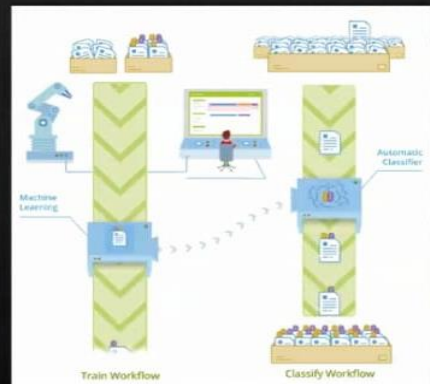
Customer Churn is one of the most important and challenging problems for businesses such as Credit Card companies, cable service providers, SaaS and telecommunication companies worldwide. Contractual Churn, Voluntary Churn, Non-Contractual churn, Involuntary churn are the types of churn.

Approach

Create a classification model and perform different algorithm methods such as K-Nearest Neighbors, Decision Tree, Random Forest, Logistic Regression or Support Vector Machines.

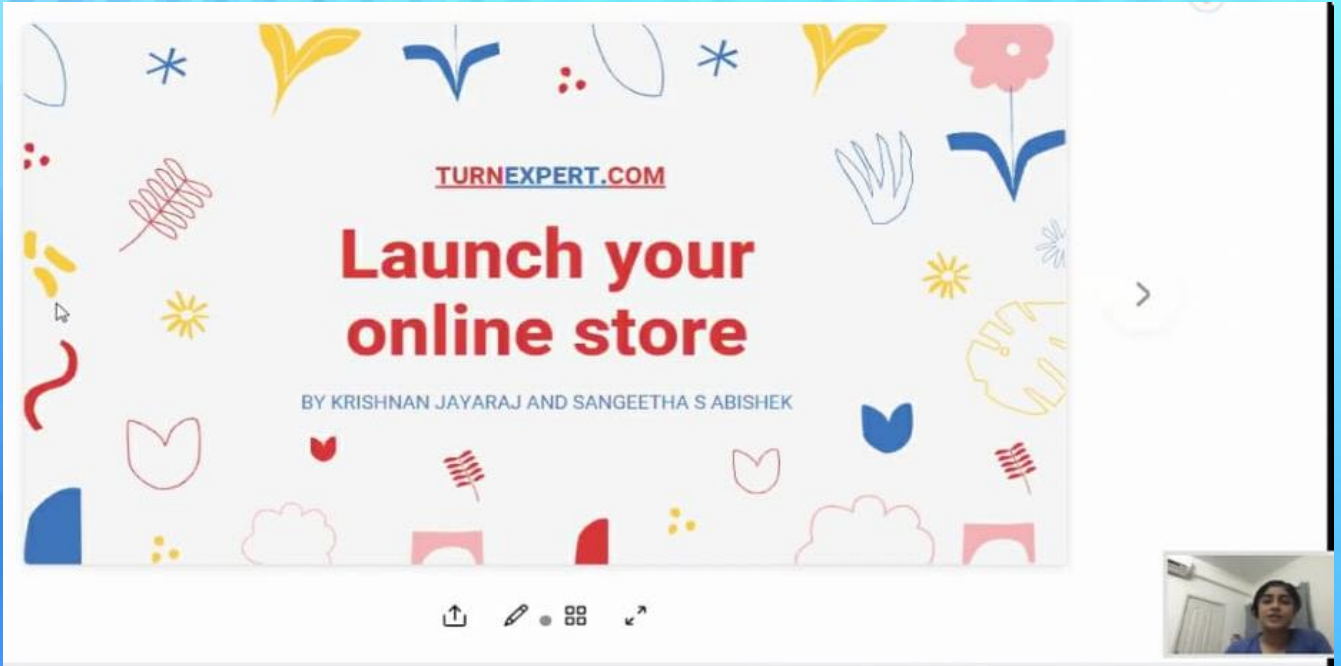


Classification Process



Members of Faculty in the School of Management attended a Webinar on “Industrial Application of Machine Learning and Data Science” organized by CaptzOne, Bangalore on 03 July2020.

SoM | WEBINAR ON LAUNCH YOUR ONLINE STORE



COMMODITIZED PRODUCTS VS NICHE PRODUCTS

Commoditized products are essential, high demand, or popular goods or services that can be physical or digital products. These are products that everybody needs.

Niche products are goods or services that serve a specific customer base and product category. Niche products are often made in small batch runs or on demand like a handmade jewelry

Recording

Members of Faculty in the School of Management attended a Webinar on “Launch your Online Store” organized by TurnExpert, on 07 July2020.

ECE | WEBINAR ON ADVANCED COLLABORATIVE ROBOTICS & EOATS



Dr S Malathy, Dr K Sumathi, Professors and Ms N Vijayalakshmi, Asst. Professor, Dept. of ECE attended a Webinar on “Advanced Collaborative Robotics & EOATs” organized by Chennai Institute of Technology, Chennai on 6 July 2020.

ECE | WEBINAR ON ADVANCED COLLABORATIVE
ROBOTICS & EOATS

Ms R Priya, Asst. Professor, Dept. of ECE, attended a Webinar on “Advanced Collaborative Robotics & EOATS” organized by Chennai Institute of Technology, Chennai on 6 July 2020.

ECE | WEBINAR ON PROBING THE UNIVERSE VIA RADIO WAVES



Mr G Santhakumar, Asst. Professor, Dept. of ECE attended a Webinar on "Probing the universe via radio waves: From the perspective of Microwave Engineering" organized by IEEE Microwave Theory & Techniques Society Student Branch Chapter, IIT (BHU) Varanasi on 4 July 2020.

ECE | WEBINAR ON YOUR MIND – YOUR MASTER

Dr K Sumathi, Professor, Asst. Professor, Dept. of ECE, attended a Webinar on "Your Mind – Your Master" organized by Sri Eshwar College of Engineering, Coimbatore on 6 July 2020.

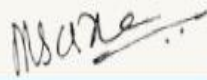


**MECH | WEBINAR ON COLD CHAIN FOR LIFE
SUSTAINABILITY****ISHRAE**
Coimbatore ChapterIndian Society of Heating, Refrigerating &
Air Conditioning Engineers (Regd.)**CERTIFICATE OF PARTICIPATION**

This is to certify that

Dr.S.Sundararaj

has actively participated in the webinar on "*Cold Chain for Life Sustainability*" organized by ISHRAE Coimbatore Chapter on 26th June 2020 on the eve of World Refrigeration Day.



T.R.SATHISH KUMAR

Program Chair

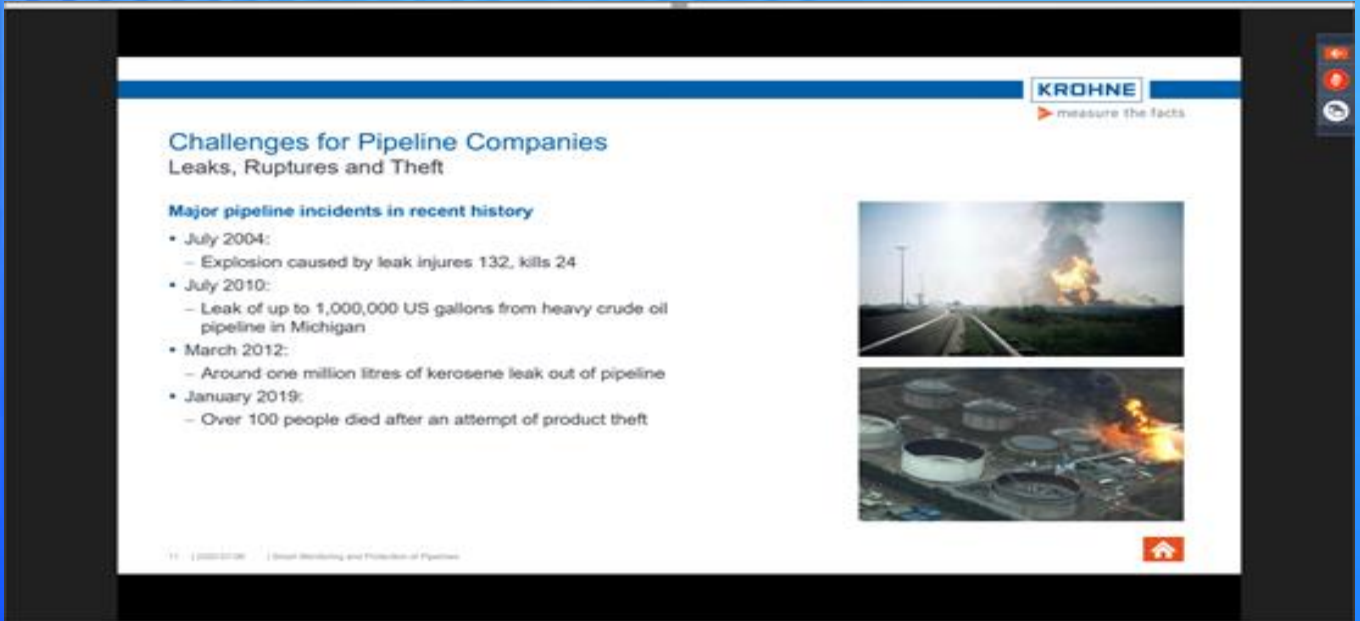
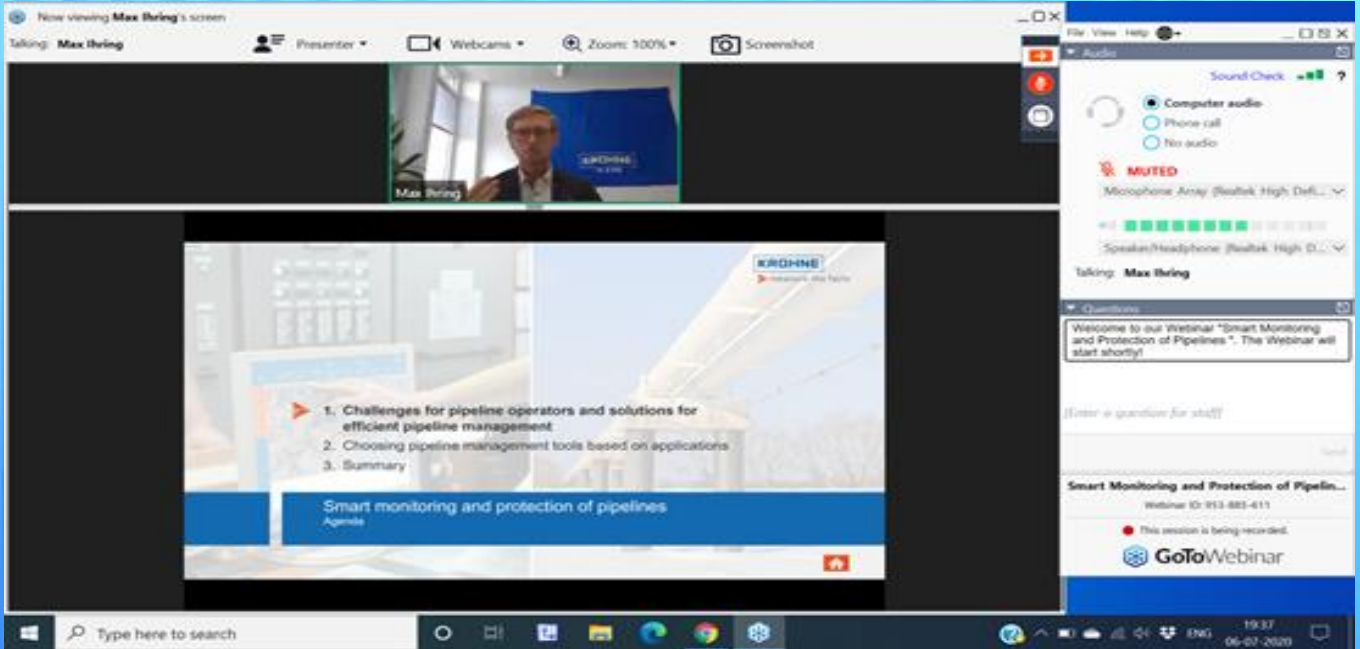


G.SENTHIL RAJ

President

Dr S Sundararaj, Professor, Dept. of Mechanical Engineering, participated in a Webinar on "**Cold Chain for Life Sustainability**" organized by ISHRAE Coimbatore Chapter on 26 June 2020.

ICE | WEBINAR ON SMART MONITORING AND PROTECTION OF PIPELINES



Dr T Chinnadurai, Assoc. Professor, Dept. of ICE, attended a Webinar on **“Smart Monitoring and Protection of Pipelines,”** organized through online by KROHNE Academy on 06 July 2020.

ECE | WEBINAR ON AN OVERVIEW OF PRO & POST INFECTION THERAPIES: DEVELOPMENT OF DRUGS AND VACCINES FOR THE CURRENT PANDEMIC



Mr R R Thirrunavukkarasu, Asst. Professor, Dept. of ECE attended a Webinar on “An Overview of Pro & Post infection therapies: Development of Drugs and Vaccines for the current pandemic” organized by Chennai Institute of Technology, Chennai on 7 July 2020.

ECE | WEBINAR ON SATELLITE ANTENNA CHARACTERIZATION, TEST & DESIGN


← Live: Webinar No. 09 on "Satellite Antenna Characterization, Test & Design" ? i

The radiated field is measured in a surface (plane, cylinder or sphere) near to the AUT, and the far field is obtained using a transformation algorithm.


These are three scan types:

- 1. Planar near-field**
 - Directional antennas
 - Gain > 15 dBi
 - Max angle < $\pm 70^\circ$
- 2. Cylindrical near-field**
 - Fan beam antennas
 - Wide side or back lobes
- 3. Spherical near-field**
 - Low gain antennas
 - Wide or omni-directional patterns on any antennas


Planar



Cylindrical



Spherical




Leave

Live: Webinar No. 09 on "Satellite Antenna Characterization, Test & Design" ?

Facility Description...

Zero-g Fixture



Leave

Ms E L Dhivya Priya, Asst. Professor, Dept. of ECE, attended a Webinar on "Satellite Antenna Characterization, Test & Design" organized by IEEE MTT-S and AP-S Student Chapter, Manipal University, Jaipur on 7 July 2020.

MECH | WEBINAR ON BECOMING INDIA'S NEXT TECH ENTREPRENEURS

Mr K S Raghul, Asst. Professor, Dept. of Mechanical Engineering, attended a Webinar on **“Becoming India’s Next Tech Entrepreneurs”** organized by Axis Global Institute of Industrial Training, Coimbatore on 27 June 2020.



MECH | WEBINAR ON INDUSTRY 4.0 AND SMART FACTORY

Mr K S Raghul, Asst. Professor, Dept. of Mechanical Engineering attended a Webinar on **“Industry 4.0 and Smart Factory”** organized by Axis Global Institute of Industrial Training, Coimbatore on 04 July 2020.



ECE | WEBINAR ON SCOPE OF MEMS TECHNOLOGY FOR MICROWAVE ENGINEERING



Ms N Vijayalakshmi, Asst. Professor, Dept. of ECE, attended a Webinar on **“Scope of MEMS Technology for Microwave Engineering”** organized by Thiagarajar College of Technology, Madurai on 4 July 2020.

IT | WEBINAR ON OVERVIEW ON BLOCKCHAIN

Ms V Roopa, Asst. Professor, Dept. of IT, participated in the Webinar on **“Overview on Blockchain”** organized by Vellore Institute of Technology, Chennai on 26 June 2020.



**IT | WEBINAR ON MEDICLAIMS-AN ALTERNATE TO
KILL FEAR DURING PANDEMIC SITUATIONS**KUMARAGURU
college of technology
character is lifeDepartment of
Electronics and
Communication Engineering

Presents this

CERTIFICATE

To

Roopa V
of

Sri Krishna College of Technology

For his/her active and invaluable participation in the Webinar on
"Mediclaims-An Alternative to kill Fear During Pandemic Situations" organized by
Department of Electronics and Communication Engineering,
Kumaraguru College of Technology, in association with IE(I) Coimbatore Local
Centre, Coimbatore, Conducted on 05 July 2020.

Head/ECE
Dr.S.A.Pasupathy
Kumaraguru College of TechnologyPrincipal
Dr.J.Srinivasan
Kumaraguru College of Technology

Ms V Roopa, Asst. Professor, Dept. of IT, participated in the Online Webinar on **"Mediclaims-An Alternate to Kill Fear during Pandemic Situations"** organized Kumaraguru College of Technology in association with IEI, Coimbatore on 05 July 2020.

CSE | WEBINAR SERIES ON EVERYONE CAN DO QUALITY RESEARCH – TALK 01: INSTRUMENTATION FOR RESEARCH IN THERMAL ENGINEERING





KNOWLEDGE INSTITUTE OF TECHNOLOGY
BUSINESS SCHOOL SALEM
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)





Webinar Series on
“Everyone Can Do Quality Research”
 Organized by
 Internal Quality Assurance Cell (IQAC) and Research Forum

Certificate
 of Participation

This is to certify that **Dr. R. KARTHIK**, Department of CSE, Sri Krishna College of Technology, Coimbatore has actively participated in Webinar Series on **“Everyone Can Do Quality Research - Talk 01: Instrumentation for Research in Thermal Engineering”** on 04.07.2020


Dr. C. Muniraj
 Research Forum Coordinator, KIOT


Dr. M. Thangavel
 IQAC Coordinator, KIOT

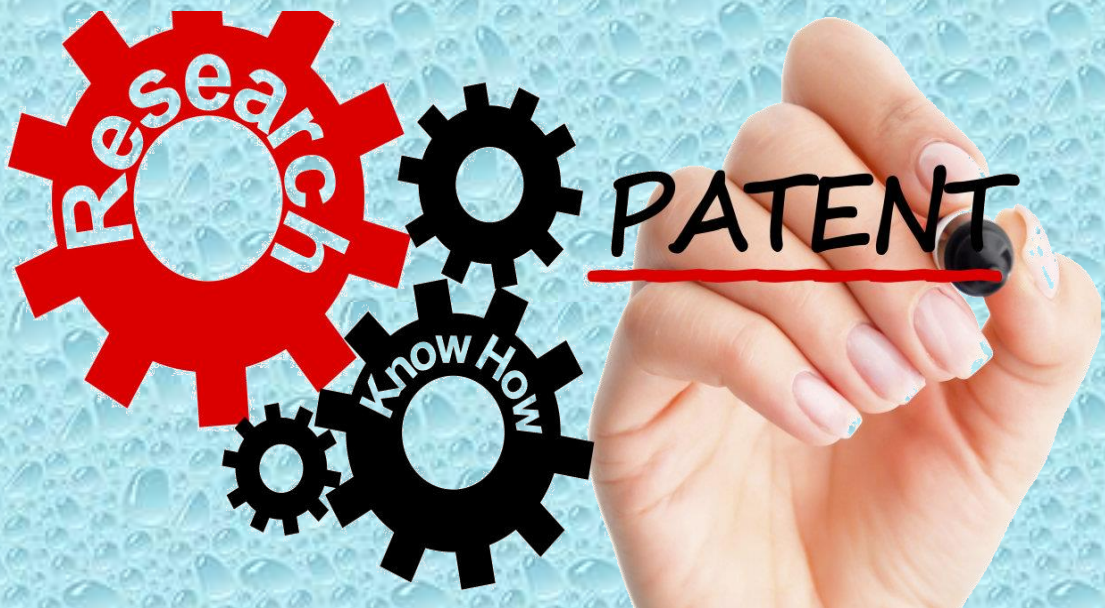

Dr. K. Visagavel
 Vice Principal, KIOT


Dr. PSS. Srinivasan
 Principal, KIOT

Dr R Karthik, Asst. Professor, Dept. of CSE, participated in a Webinar Series on **“Everyone Can Do Quality Research – Talk 01: Instrumentation for Research in Thermal Engineering”** organized by Knowledge Institute of Technology, Salem on 04 July 2020.



PATENT REGISTRATION



@skctdigest

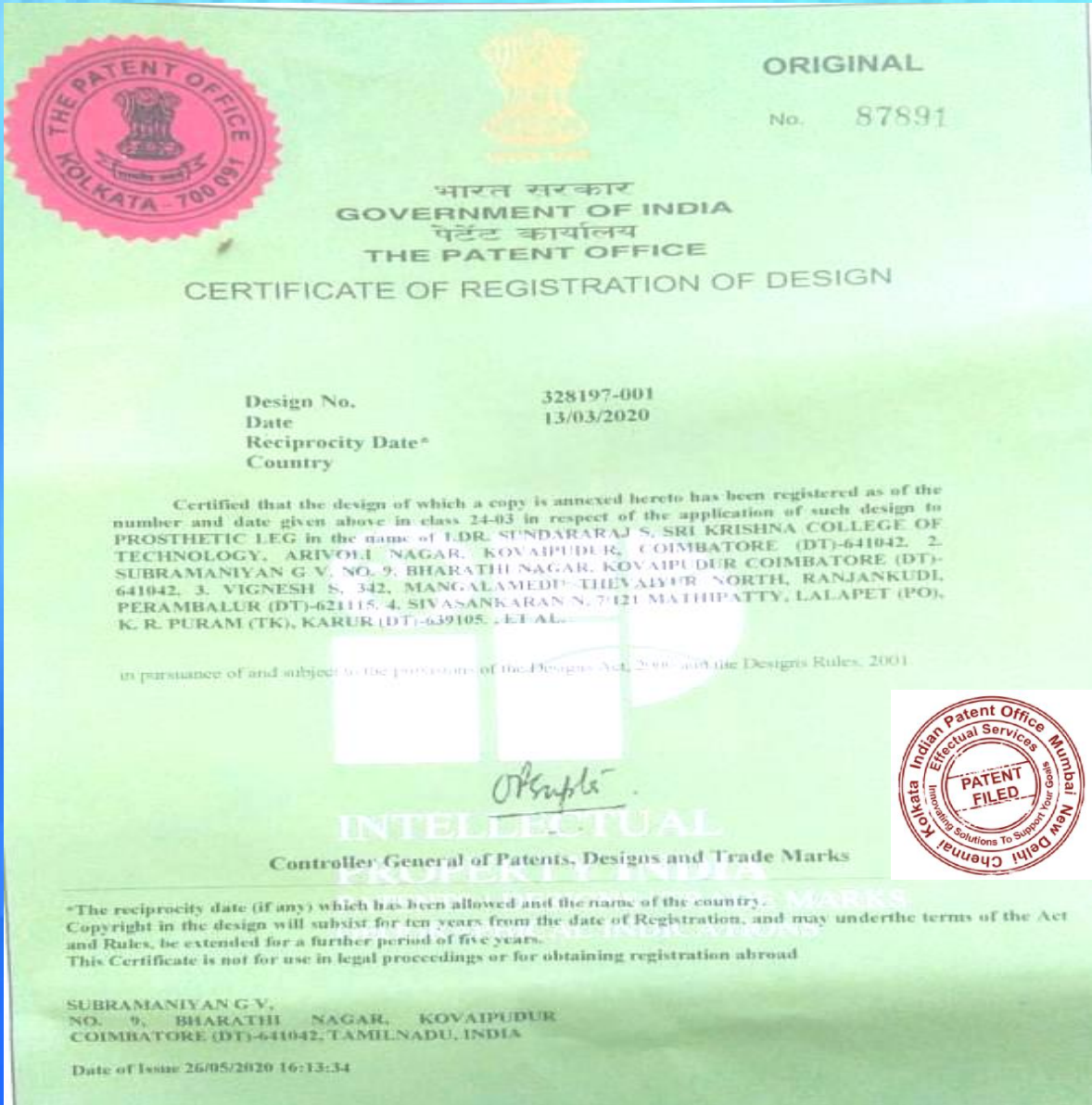


@ skctofficial



digestfeedback@skct.edu.in

MECH | PATENT REGISTRATION | PROSTHETIC LEG



Dr S Sundararaj, Professor, Dept. of Mechanical Engineering, along with Mr. G V Subramaniyan, Mr. S Vignesh, Mr. N Sivasankaran, Mr. R J Vasantha Vikraman along with Final Year B.E. Mechanical Engineering students obtained the Certificate of Registration of Design for “Prosthetic Leg”.



PUBLICATIONS



@skctdigest

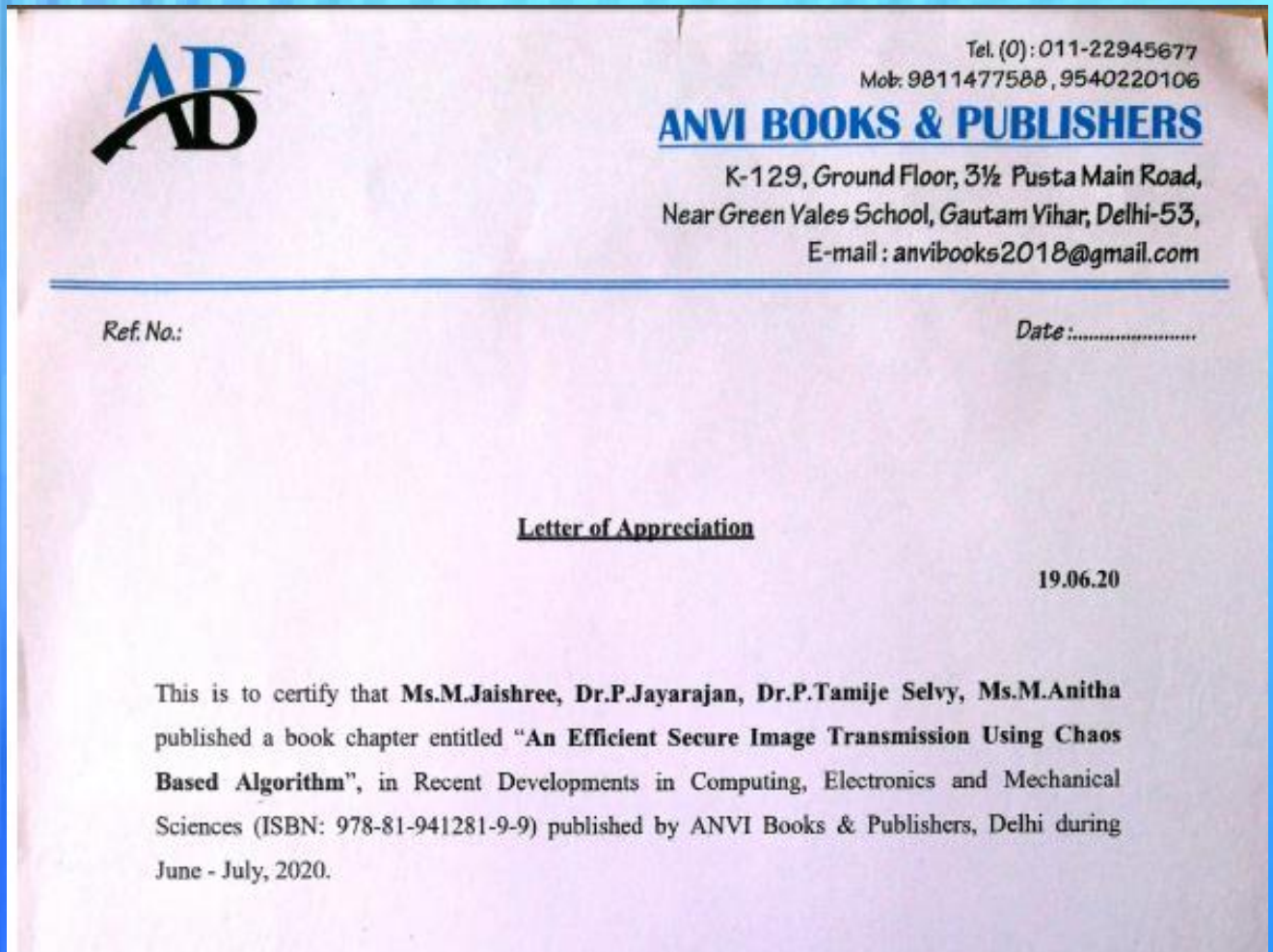


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digestfeedback@skct.edu.in

ECE | BOOK CHAPTER ON AN EFFECTIVE SECURE IMAGE TRANSMISSION USING CHAOS BASED ALGORITHM



Ms M Jaishree, Asst. Professor and Dr P Jayarajan, Assoc. Professor, Dept. of ECE, published a Book Chapter titled “**An Effective Secure image Transmission using Chaos Based Algorithm**” in the Journal Recent Developments in Computing, Electronics and Mechanical Sciences with ISBN : 978-81-941281-9-9 published by AVNI Books & Publishers, New Delhi during June – July 2020.

ECE | BOOK CHAPTER ON AN EFFECTIVE SECURE IMAGE TRANSMISSION USING CHAOS BASED ALGORITHM

Recent Developments in Computing, Electronics and Mechanical Sciences
Published by ANVI Books & Publishers, Delhi



Merit Certificate for Publication


This is to certify that Ms. M. Jaishree, Assistant Professor, Dept. of ECE,
Sri Krishna College of Technology, Coimbatore
published a book chapter entitled An Efficient Secure Image Transmission
Using Chaos Based Algorithm
_____ in Recent Developments in
Computing, Electronics and Mechanical Sciences (ISBN: 978-81-941281-9-9) published during June 2020.

Signed by:


The Chief Editor,
RDCEM 2020


General Manager
Anvi Books & Publishers, Delhi


Recent Developments in Computing, Electronics and Mechanical Sciences
Published by ANVI Books & Publishers, Delhi




Merit Certificate for Publication

This is to certify that Dr. P. Jayarajan, Associate Professor, Dept. of ECE,
Sri Krishna College of Technology, Coimbatore
published a book chapter entitled An Efficient Secure Image Transmission
Using Chaos Based Algorithm
_____ in Recent Developments in
Computing, Electronics and Mechanical Sciences (ISBN: 978-81-941281-9-9) published during June 2020.

Signed by:


The Chief Editor,
RDCEM 2020


General Manager
Anvi Books & Publishers, Delhi

EEE | PAPER PUBLICATION

International Journal of Advanced Science and Technology
Vol. 29, No. 5, (2020), pp. 12345-12354**Simulation of Static Synchronous Series Compensator (SSSC) by using Doubly Fed Induction Generator (DFIG) for Stability Enhancement**D.Sarathkumar¹, Dr.K.Venkateswaran², Dr.P.Santhosh³, Dr.K.Gaayathry⁴,
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Abstract

In this paper describes modelling technique of a series compensator using a renewable source of energy namely; wind energy based Static Synchronous Series Compensator has been investigated in improving power flow and voltage stability. The SSSC supplies real and reactive power to the transmission line in series connection. MATLAB simulation outputs achieved from DFIG based SSSC interfaced with transmission line gives enhancing power flows and improving system stability appropriately. The MATLAB simulink simulation tool used for executing the outputs to check and validate the performance of the system. The proposed Wind Energy based SSSC enhances stability of the proposed test system at desired level.

Keywords: Doubly Fed Induction Generator (DFIG), Static Synchronous Series Compensator (SSSC), Power Flow, Voltage Stability, Distributed Generations (DG)

1. Introduction

At present, utility mainly dependent on conventional power sources and to be continued leads to pollution and environment deterioration. Also the Arab spring in most of the oil resource rich countries has made the supply and price of the oil in a fluctuating manner. Hence searching long-term substitutes is priority to everyone. It can be achievable through integration of non-conventional power sources like wind power, solar power etc.

The proposed systems uses a DFIG based SSSC for the power flow and stability improvement of the electrical system. The poor power flow and instability is formed by interconnecting various inductive loads at the transmission line of the test system [1]. This adversely effects the entire efficiency of the utility. The SSSC supplying power to the transmission line thereby compensating the instability, poor power flow created by the various loads [2].

Dr P Santhosh and Dr K Gaayathry, Asst. Professors, Dept. of EEE, published a paper titled “Simulation of Static Synchronous Series Compensator (SSSC) by using Doubly Fed Induction Generator (DFIG) for Stability Enhancement” in the Journal of International Journal of Advanced Science and Technology, Volume. 29, No. 5 June 2020.

ECE | PAPER PUBLICATION | HEXAGONAL SHAPED FRACTAL MIMO ANTENNA FOR MULTIBAND WIRELESS APPLICATIONS

Hexagonal shaped fractal MIMO antenna for multiband wireless applications

Analog Integrated Circuits and Signal Processing (IF 0.925) Pub Date : 2020-07-08 , DOI: 10.1007/s10470-020-01685-y

K. Sumathi, M. Abirami

A hexagonal shaped fractal Multiple input Multiple Output (MIMO) antenna resonates to six different frequencies is presented. A dumbbell structure with hexagon shaped defected ground structure (DGS) is created in the ground plane. Two antenna elements sharing a common ground plane are positioned orthogonal to each other for better isolation. The antenna is designed, fabricated using FR4 substrate with 1.6 mm thickness and tested experimentally. The antenna provides high peak gain of 8.69 dBi at 8.33 GHz. The multiband MIMO antenna resonates for the frequencies 1.9 GHz, 2.9 GHz, 3.2 GHz, 5.0 GHz, 5.6 GHz and 7.74 GHz. Mutual coupling is better than -20 dB and the peak gain of the antenna ranges from 3.2 to 8.69 dBi. The designed orthogonal two element MIMO antenna is suitable for GSM, PCS, WLAN and Wi-MAX wireless applications. Simulation work is carried out by ADS tool and fabricated antenna is tested with vector network analyser.

更新日期: 2020-07-08

Dr K Sumathi, Professor, Dept. of ECE, published a paper titled **“Hexagonal-shaped Fractal MIMO Antenna for Multiband Wireless Applications”** in the International Journal of Analog Integrated Circuits and Signal Processing. (ISSN 0925-1030, DOI 10.1007/s10470-020-01685-y)

CSE | PAPER PRESENTATION | INTERNATIONAL CONFERENCE ON RECENT TRENDS IN COMPUTING (ICRTC 2020)



CERTIFICATE OF PRESENTATION



8th International Conference on Recent Trends in Computing
ICRTC-2020 (3rd - 4th July 2020)

This is to certify that

Ms. M. Deva Priya

of

Sri Krishna College of Technology, Kovaipudur, Coimbatore, Tamilnadu
presented her research paper titled

**A Skellam Distribution Inspired Trust Factor based Selfish Node
Detection Technique in MANETs**

during the 8th International Conference on Recent Trends in Computing (ICRTC-2020), organized by the Department of Computer Science and Engineering held at SRM Institute of Science and Technology, Delhi-NCR Campus, Ghaziabad from 3rd - 4th July, 2020.

Dr. R.P. Mahapatra
Professor & Head (CSE)
Program Chair

Dr. S. Viswanathan
Deputy Registrar
General Chair

Dr. D.K. Sharma
Professor & Dean
General Chair

Dr M Deva Priya, Assoc. Professor, Dept. of CSE, presented a research paper entitled “**A Skellam Distribution Inspired Trust Factor based Selfish Node Detection Technique in MANETs**” in the International Conference on Recent Trends in Computing-2020 during 3 - 4 July 2020 organized by SRM Institute of Science and Technology, Delhi-NCR Campus.



MEETINGS & DISCUSSIONS



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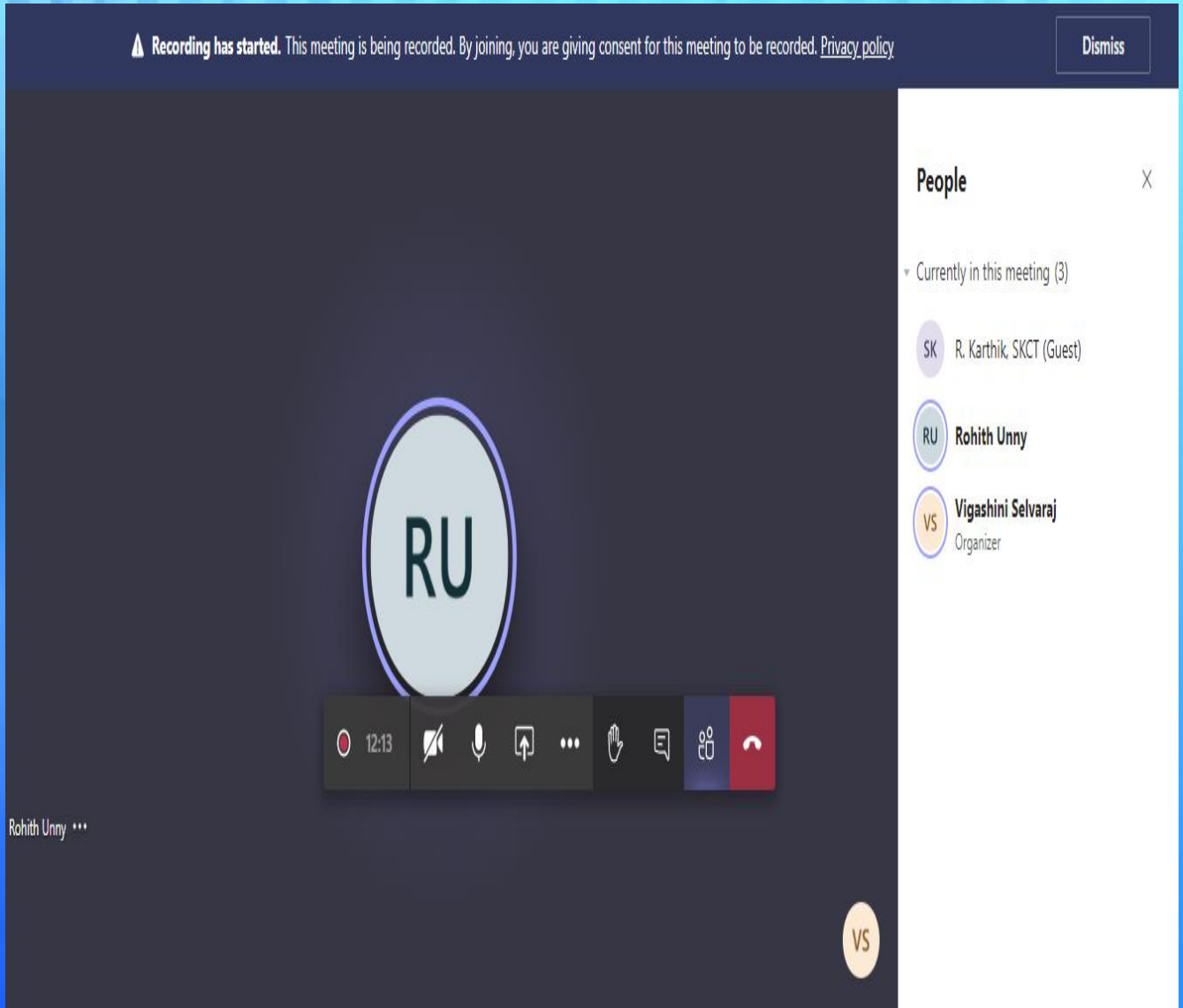


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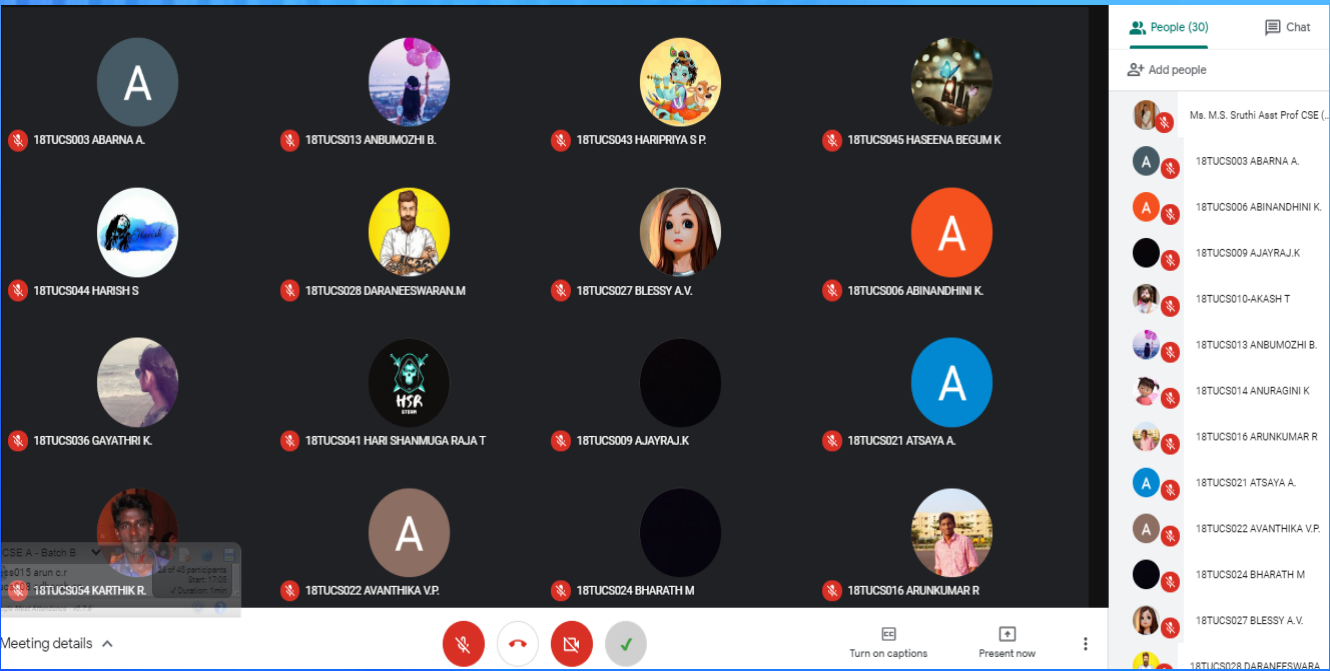
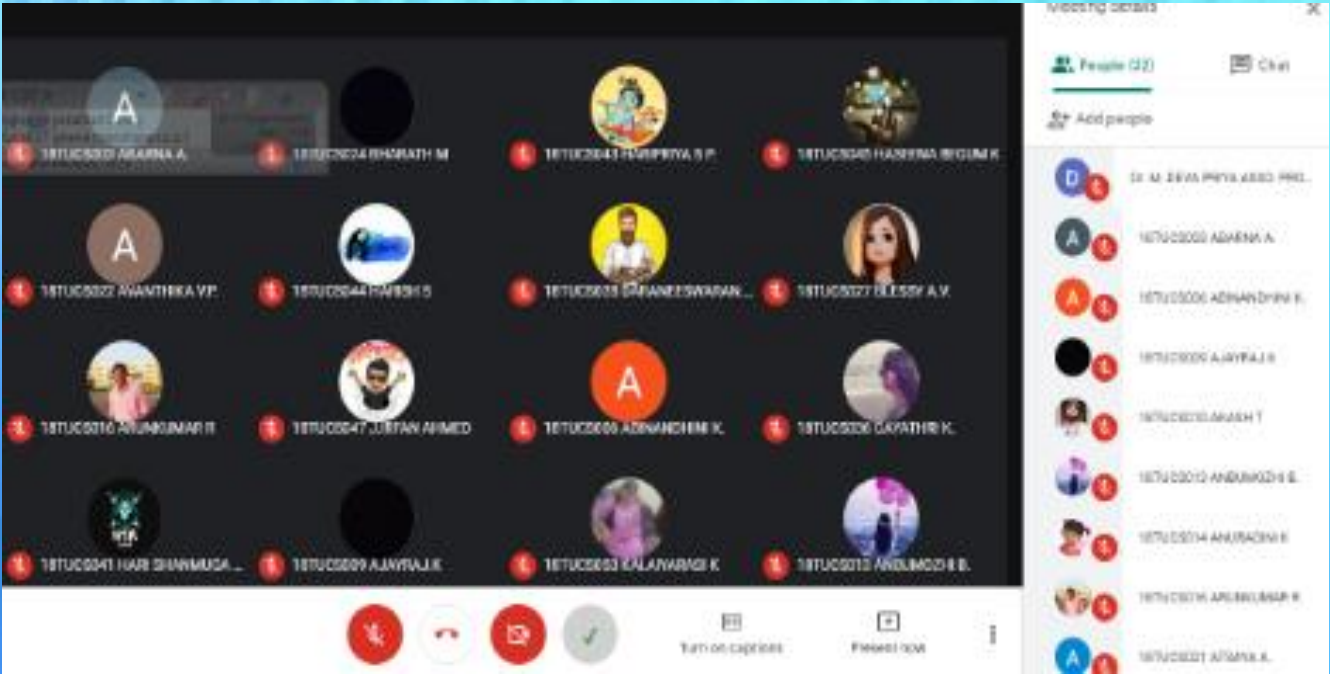
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CSE | THANK YOU MEETING | STUDENTS' INTERNSHIP



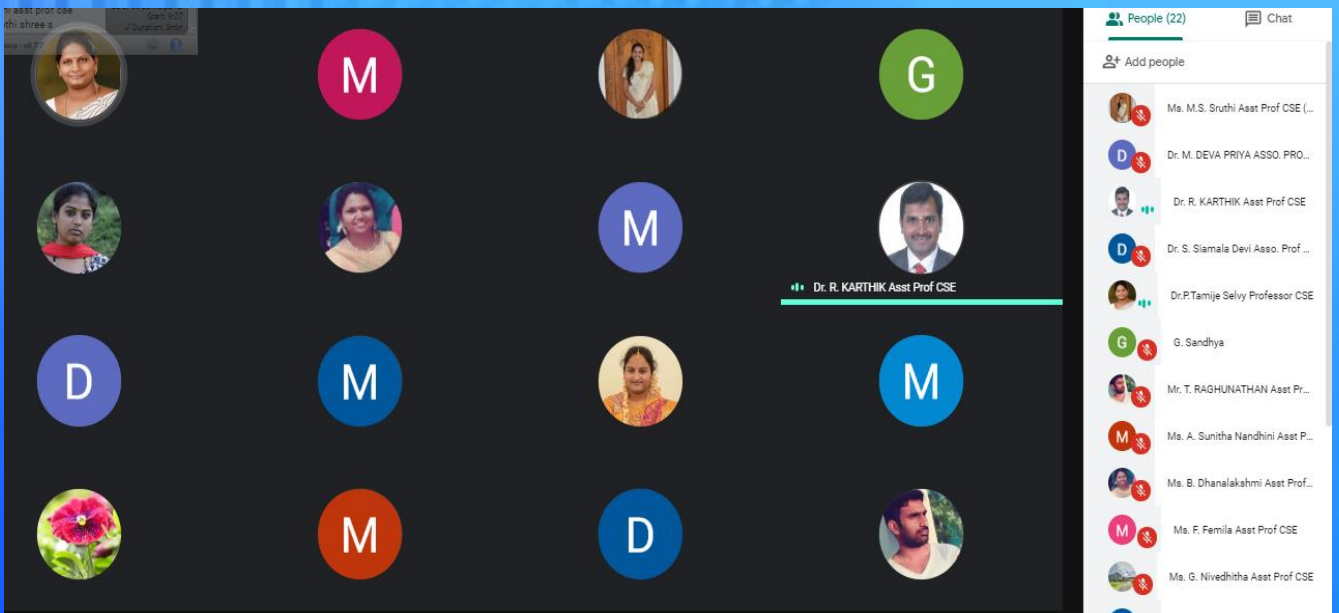
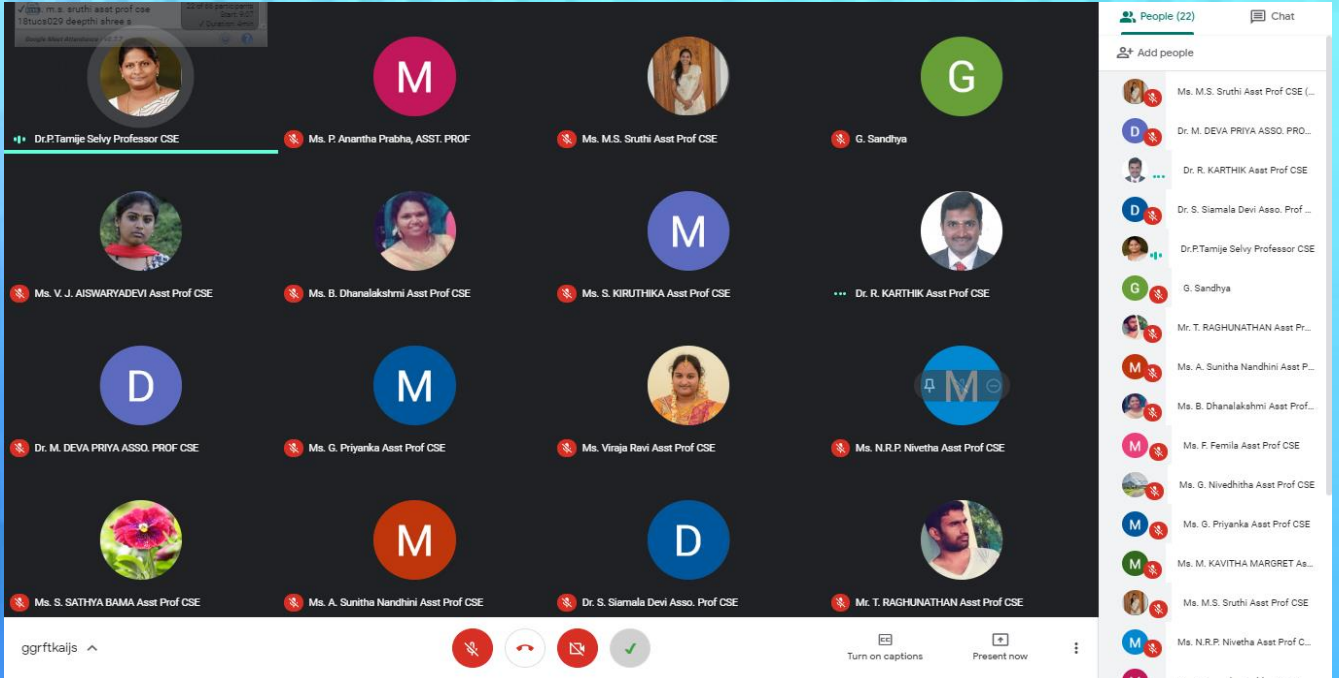
Dr R Karthik, Asst. Professor, Dept. of CSE, had a **Thank You Meeting** with Mr Rohith Unny, Talent Acquisition Manager and Mr Vigashini Selvaraj, Talent Acquisition Intern, officials of **Kovai.co** on 07 July 2020 regarding students selected for internship.

CSE | TUTOR WARD MEETING



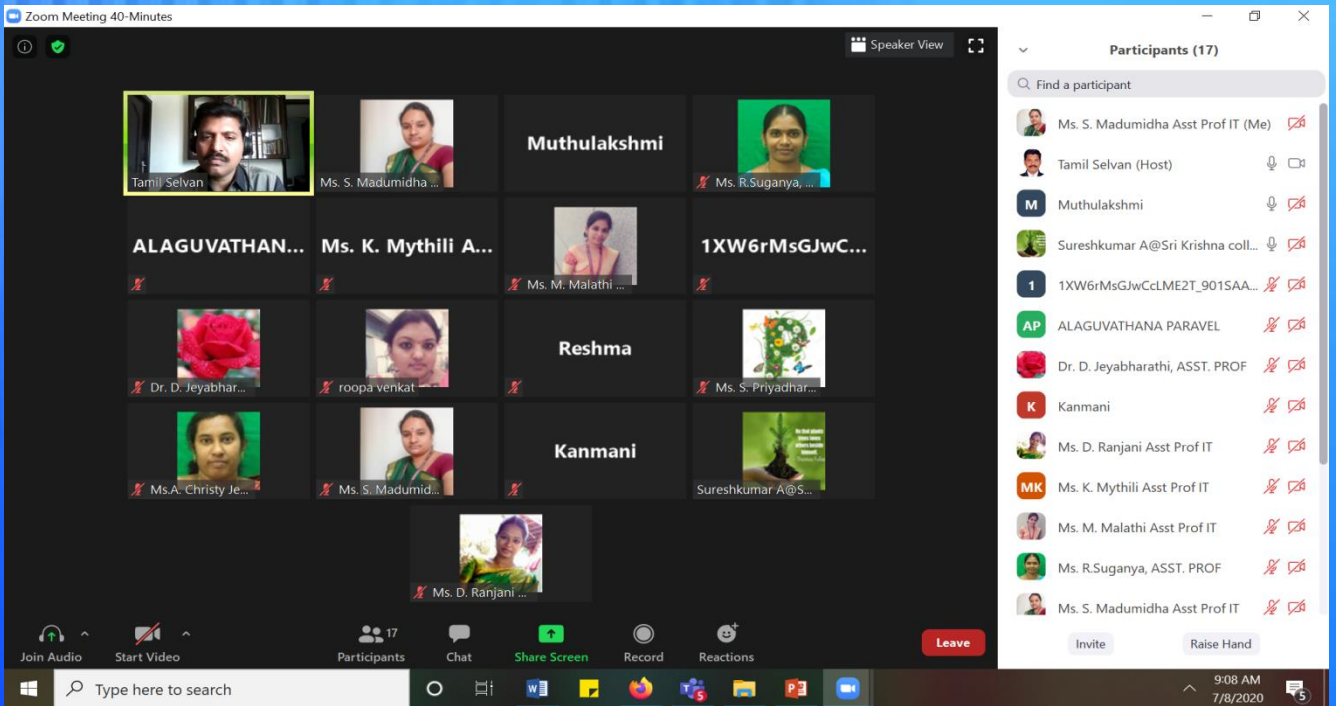
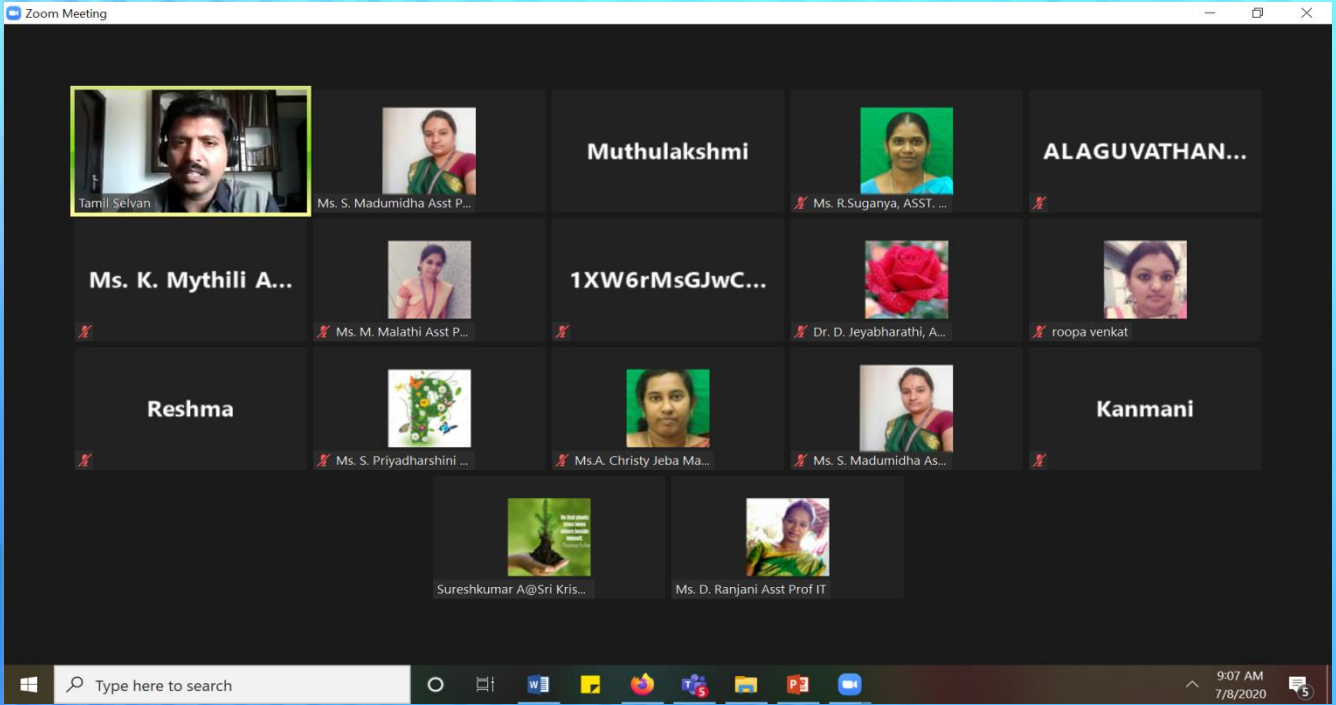
Members of Faculty in the Dept. of CSE conducted “**Tutor Ward Meeting**” to discuss the Academics, Placement Preparation and other student-related activities on 04 July 2020 .

CSE | DEPARTMENT MEETING



Dr P Tamije Selvy, Professor, Dept. of CSE, convened a Meeting with Members of Faculty in the Dept. of CSE on 08 July 2020 to discuss the progress of Online Classes, Placement Training, Placement Drives and Status of Weekend Assignments.

IT | DEPARTMENT MEETING



Dr G M Tamilselvan, Professor and Head, Dept. of IT, convened a Meeting with Members of Faculty in the Dept. of IT to discuss the Academic Activities, Placement Progress, etc., on 08 July 2020.

EEE | DEPARTMENT MEETING

Zoom Meeting

Less than 1 minute | Upgrade to Pro

Participants (17)

1 person is waiting [Message](#)

Ms.A.Elakkiya Asst Prof EEE

17 participants in the meeting

Find a participant

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

Abirami Shanmugam

Zoom Group Chat

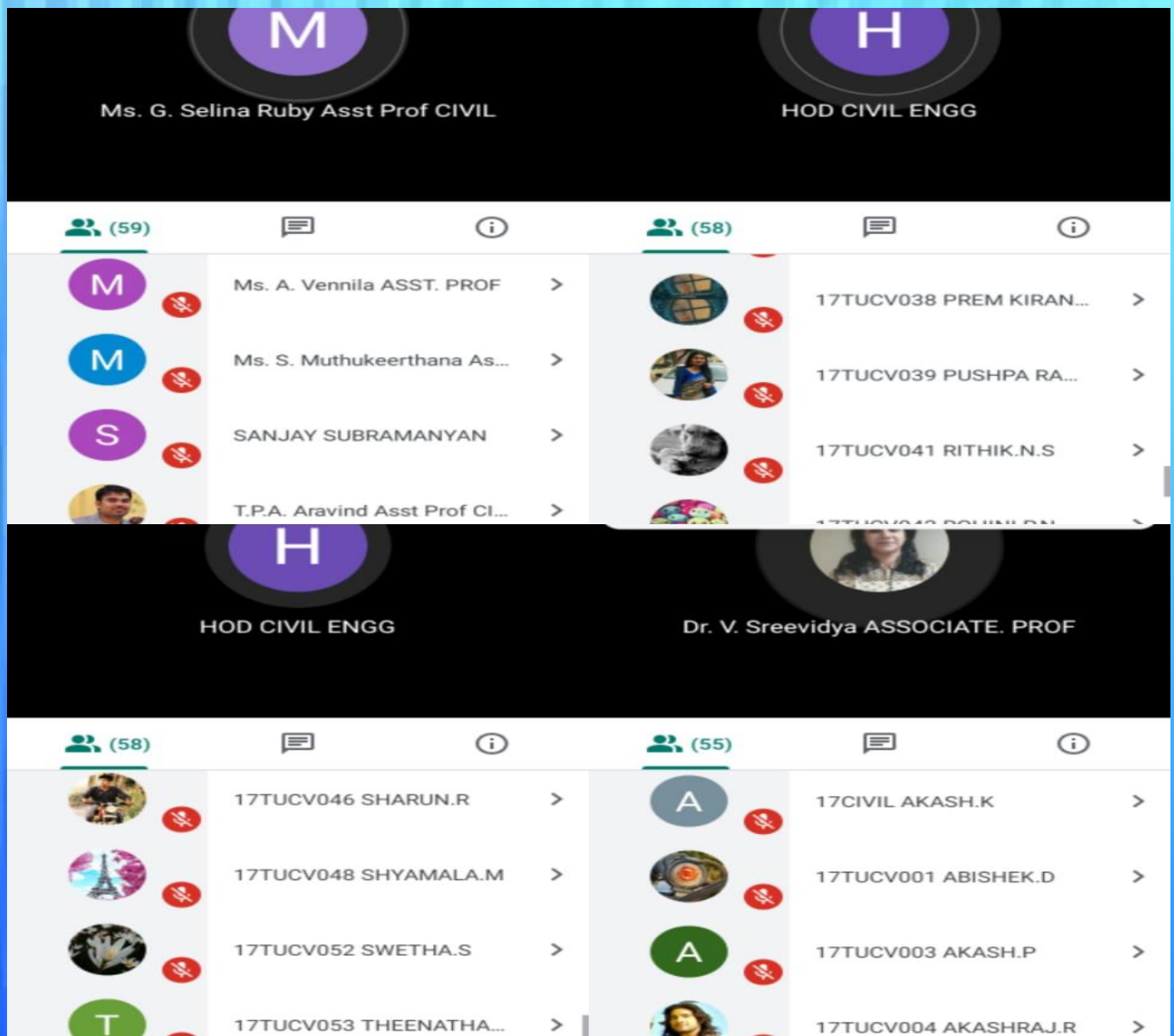
To: Everyone (in Waiting Room)

Type message here...

Windows taskbar: Type here to search, 09:43, 08-07-2020

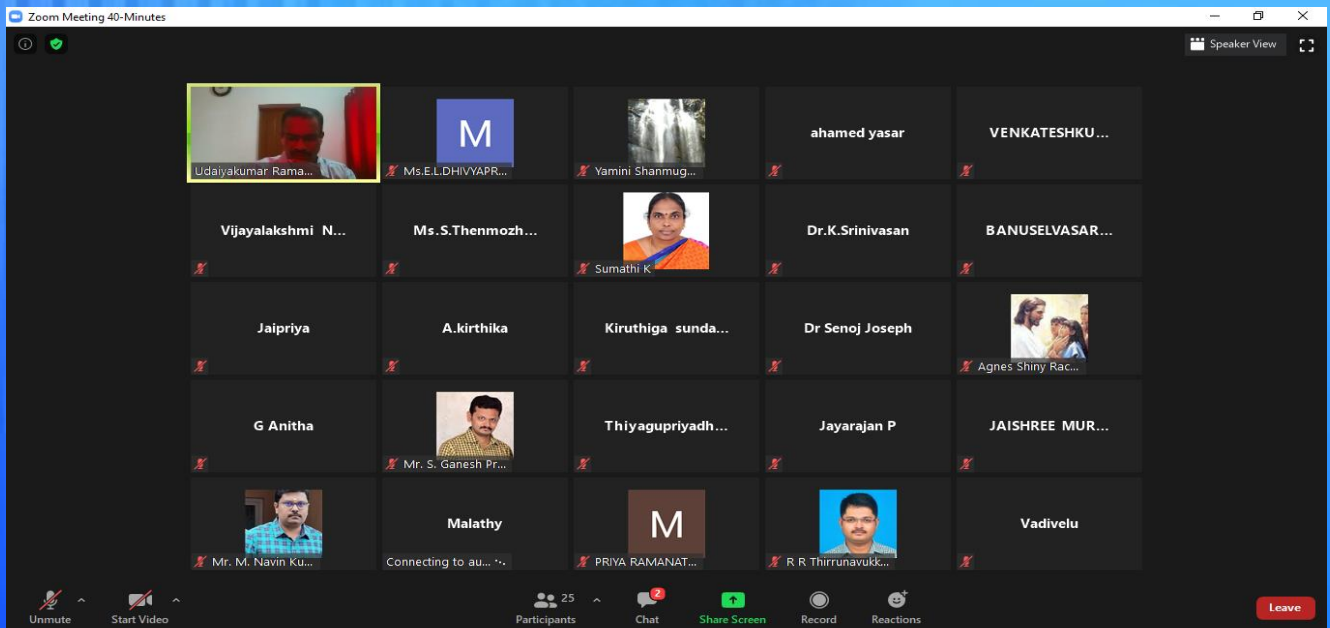
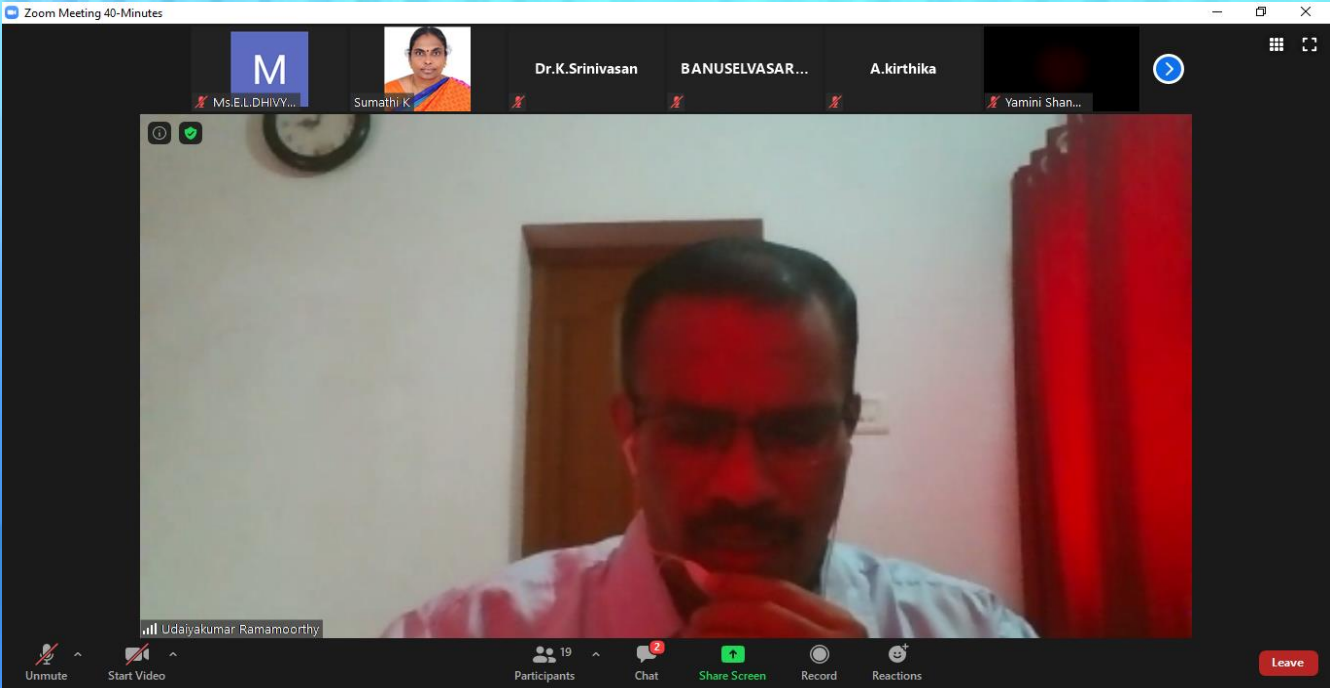
Dr P Manju, Professor and Head (In-charge), Dept. of EEE, convened a Meeting with Members of Faculty in the Dept. of EEE to discuss the progress of Academic and Research Activities on 8 July 2020.

CIVIL | MEETING & DISCUSSION



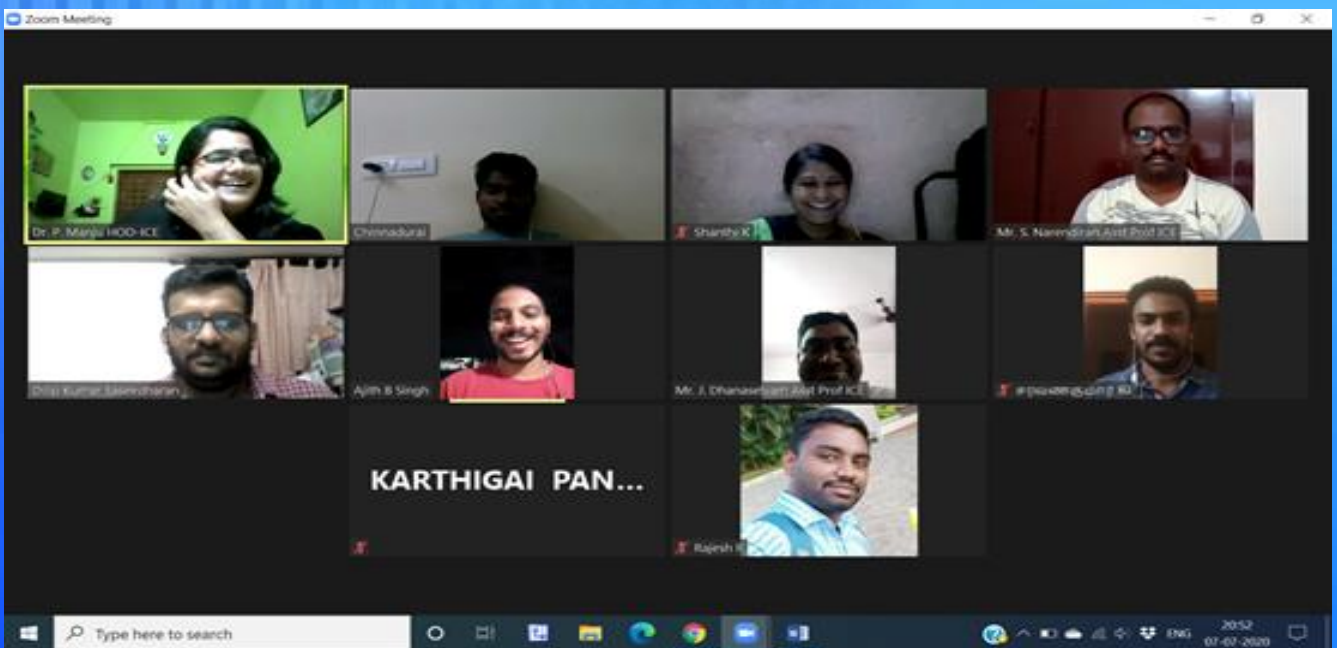
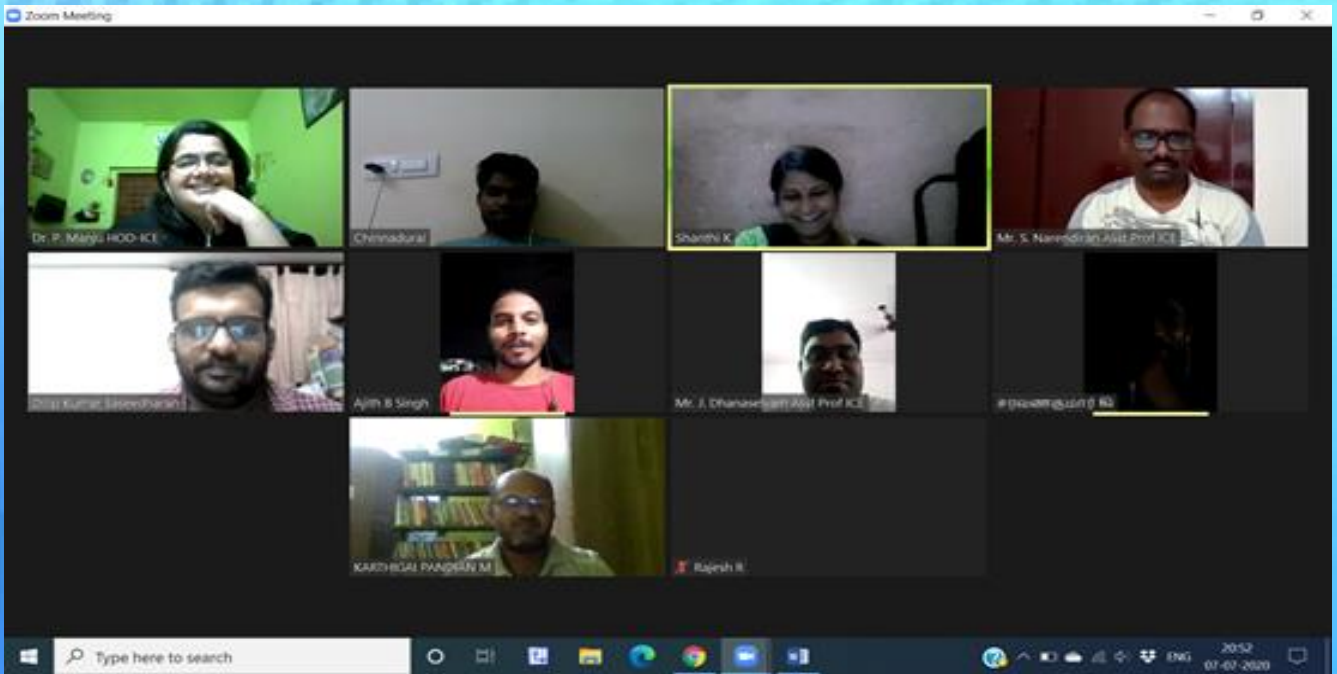
Dr I Padmanaban, Professor and Head, Dept. of Civil Engineering along with Tutors of Final Year Civil Engineering, addressed the Final Year B.E. Civil Engineering Students regarding the Importance of Online Classes and ways and means of engaging their Free Time for career enhancement on 09 July 2020.

ECE | DEPARTMENT MEETING



Dr R UdaiyaKumar, Professor and Head, Dept. of ECE, convened a Meeting with Members of Faculty in the Dept. of ECE regarding the online activities organized for Students during COVID 19 pandemic on 8 July 2020.

ICE | DEPARTMENT MEETING



Dr P Manju, Professor and Head, Dept. of ICE, convened a Meeting with Members of Faculty in the Dept. of ICE, to discuss the effectiveness of Online Sessions and Placement Training on 07 July 2020.



EVENTS ORGANIZED



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CSE | WEBINAR ORGANIZED ON ETHICAL HACKING AND BUG HUNTING



Sri Krishna College of Technology
(An Autonomous Institution)
Affiliated to Anna University, Chennai/Accredited by NAAC with 'A' Grade
KOVAIPODUR, COIMBATORE- 641042

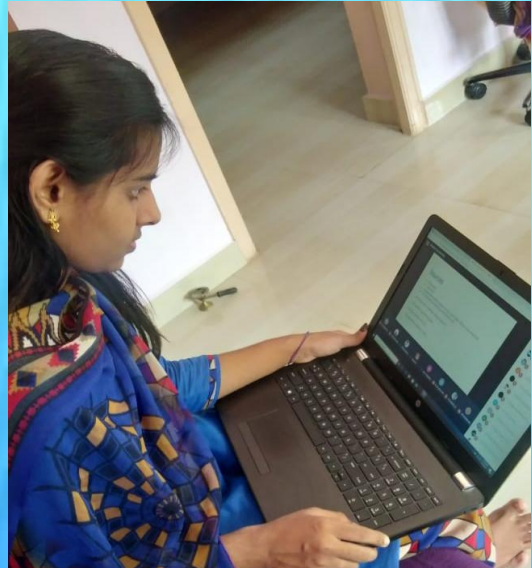
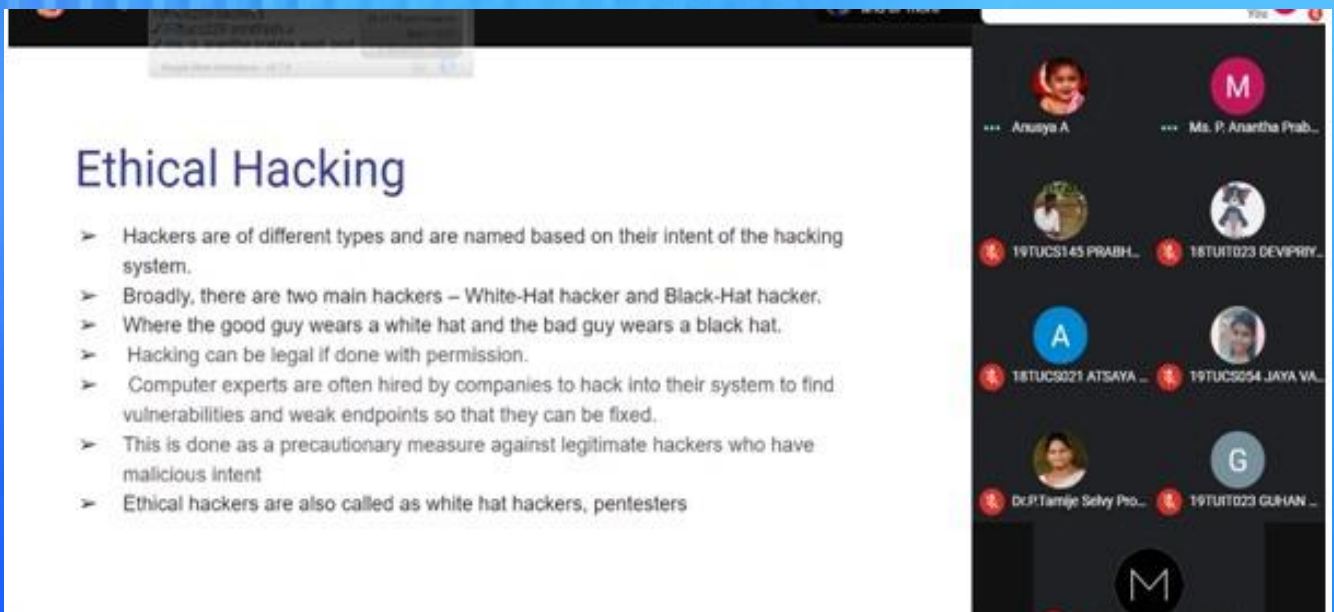
Department of Computer Science and Engineering
(Accredited by NBA)

organizes a
**Webinar on
Ethical Hacking & Bug Hunting**
Resource Person



Ms.A. Anusuya
(CSE Alumnus)
Senior Associate Consultant
Infosys, Bangalore

Date: 4th July 2020 Time: 11.00 AM
Google Meet : <https://meet.google.com/xkd-hyok-uhy>

Ethical Hacking

- Hackers are of different types and are named based on their intent of the hacking system.
- Broadly, there are two main hackers – White-Hat hacker and Black-Hat hacker.
- Where the good guy wears a white hat and the bad guy wears a black hat.
- Hacking can be legal if done with permission.
- Computer experts are often hired by companies to hack into their system to find vulnerabilities and weak endpoints so that they can be fixed.
- This is done as a precautionary measure against legitimate hackers who have malicious intent
- Ethical hackers are also called as white hat hackers, pentesters

Participants: Anusuya A, Ms. P. Anantha Prab..., 19TUCS145 PRABH..., 18TUT023 DEVIPRIY..., 18TUCS021 ATISAYA..., 19TUCS054 JAYA VA..., Dr.P.Tamije Selvy Pro..., 19TUT023 GUHAN...

The Dept. of CSE organised a Webinar on “**Ethical Hacking and Bug Hunting**” on 04 July 2020. The session was facilitated by Ms Anusuya Angamuthu, an Alumnae of B.E. CSE SKCT and Senior Associate Consultant, Infosys, Bengaluru. Students and Members of Faculty in the Dept. of CSE & IT attended.

EEE | MANDALA DRAWING



Ms S Indu, Student of Second Year B.E. EEE A Section, sketched the beautiful “Mandala Drawing”.

ICE | GURU PURNIMA 2020



*Dept. of ICE,
SKCT, Cbe - 42.*



*# Guru Purnima 2020
July 5*

*Pencil Sketching
Poster Making*

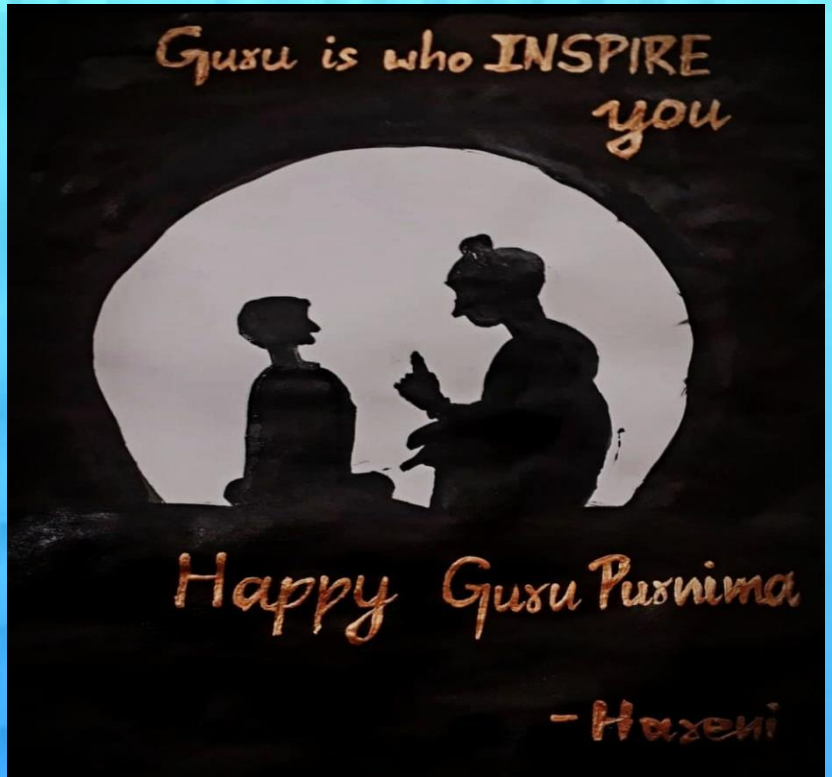


"You walk with Guru, You walk in the light of existence, away from the darkness of ignorance, you leave behind all the problems of your life and move towards the peak experiences of life."

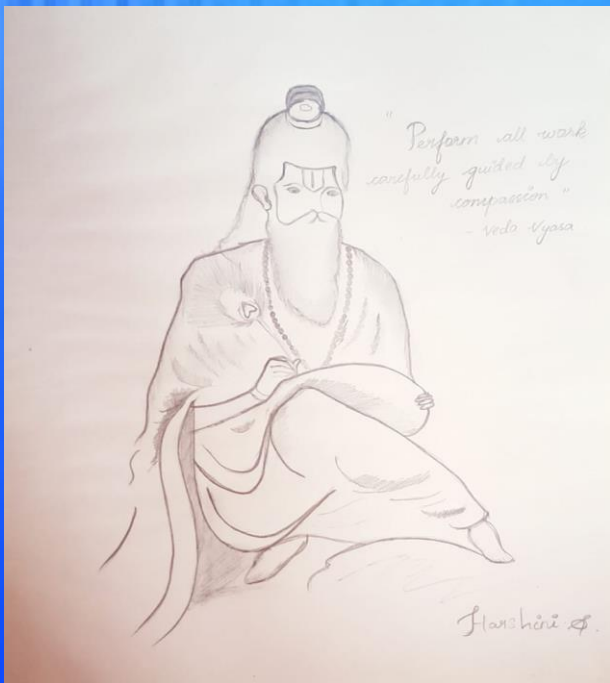
Made with PosterMyWall.com

Students of B.E. Instrumentation and Control Engineering celebrated **"Guru Purnima day - Birthday of Veda Vyasa"** on 05 July 2020. Online events like pencil sketching and poster making were organised as part of the celebration.

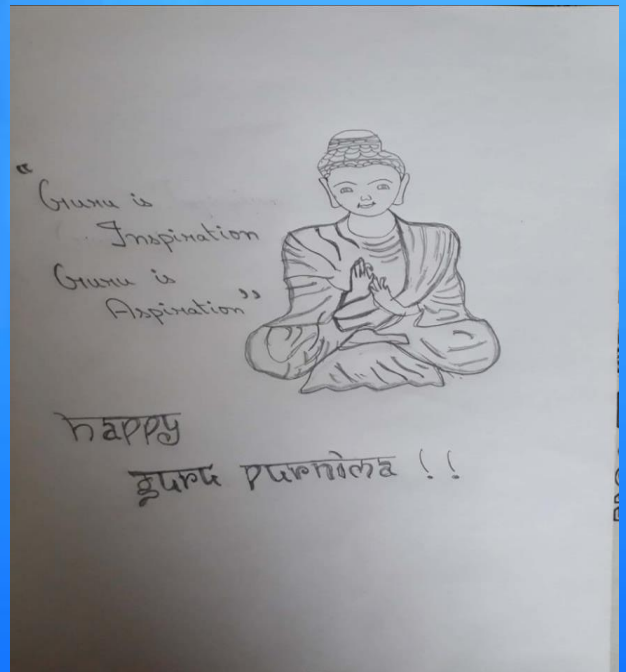
ICE | GURU PURNIMA 2020



Pencil Sketching by
Ms Hareni, II BE ICE



Pencil Sketching by Ms
Harshini, II BE ICE



Pencil Sketching by Ms
Pragathi, IV BE ICE