### A DAILY NEWSLETTER



# SKCT DIGEST

### VOLUME 16,ISSUE 14 18 May 2020

<u>EDITOR - IN - CHIEF</u> Dr Srinivasan Alavandar Principal <u>SUB EDITOR</u>

Dr V Thiyagarajan, S&H <u>EDITORIAL TEAM</u>

Ms S Soundarya, CSE

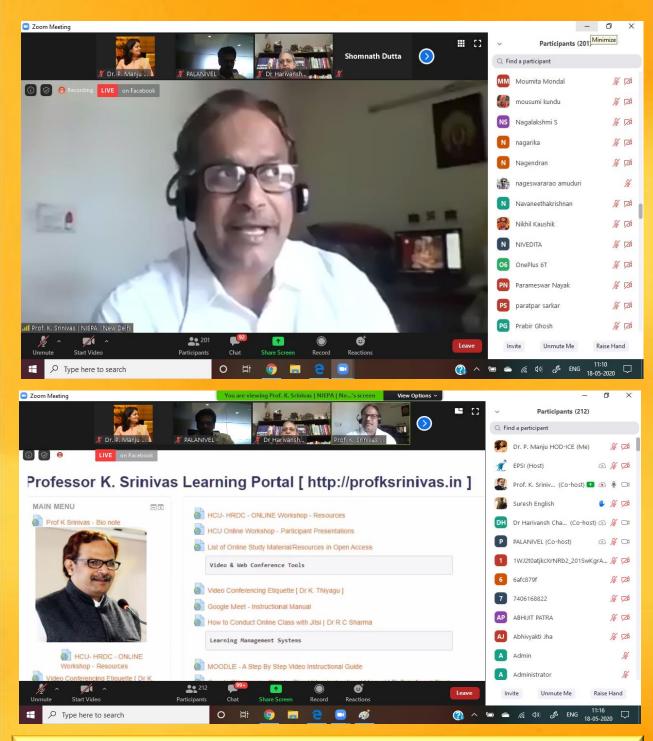
Ms S Thenmozhi, ECE

Ms A Little Judy, EEE

### IN THIS ISSUE

- New Vistas of Learning
- FDPs Attended
- Talk Series
- Students' Participation
- Faculty Participation

# **NEW VISTAS OF LEARNING**



Dr P Manju, Prof. & Head, and Dr S Narendiran, Asso. Professor, Dept. of ICE attended the On-Line Faculty Development Programme on **"Action Plan for Implementation of Online Teaching & Learning"** conducted by Prof. K Srinivas, Head, ICT & Project Management Unit, National Institute of Educational Planning & Administration (NIEPA), New Delhi on 18 May 2020.



Mr M Navin Kumar, Asst. Professor, Dept. of ECE has been certified for having attended the Webinar on **"Digital Learning - Adopted by Chance, Let's Adopt by Choice"** organized by Chennai Institute of Technology on 09 & 16 May 2020.



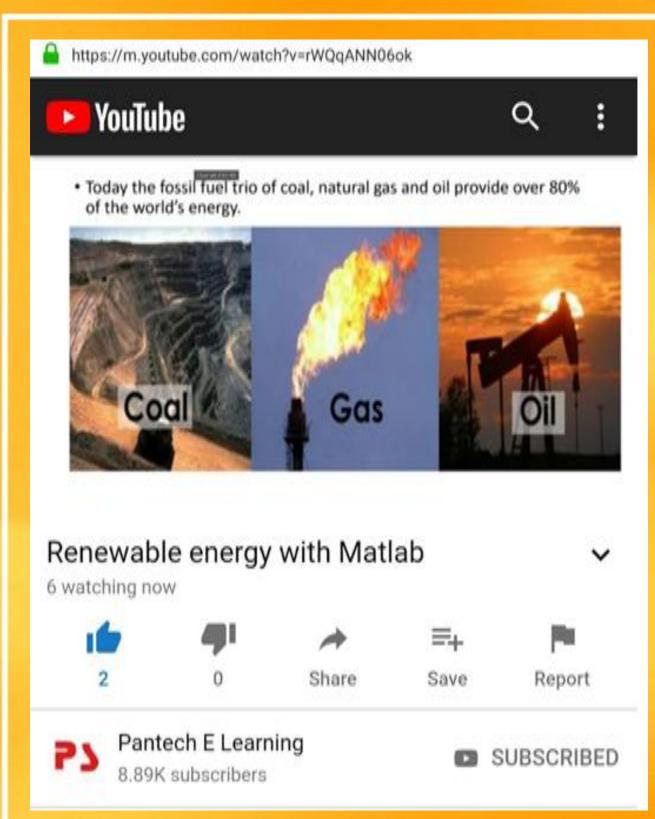
#### Dilip Kumar saseedharan

Winning over recruiters remotely | Transformation Essentials

May 15, 2020 Date of Completion Team FACE Prep Organizer



Mr S Dilip Kumar, Asst. Professor, Dept. of ICE attended the Webinar on **"Winning Over Recruiters Remotely/Transformation Essentials"** delivered by Mr Rajesh, Co-Founder, FACE on 15 May 2020.



Dr P Santhosh, Asst. Professor, Dept. of EEE attended the Webinar on **"Renewable Energy with MATLAB"** conducted by the Govt. College of Engineering, Thanjavur in association with Pantech E Learning on 16 May 2020. Dr Sreenivasulu, Professor, ALA, Dept. of EEE, GCE, Thanjavur, delivered the webinar.

# **FDPs ATTENDED**

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	Second factor:-				
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	Total number of internet-connected devices				
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	watches, smart meters) and industrial				
	devices (e.g., sensors etc.), has increased.				
	devices (e.g., sensors etc.), has increased.				
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	<ul> <li>Market research indicates that in 2018 there were 17.8 billion connected devices globally;</li> <li>7 billion of which were not smartphones, tablets, or laptops, but other connected devices (e.g.,</li> </ul>				
	<ul> <li>sensors, smart locks)</li> <li>that allow users to monitor and manage activities through a mobile device, such as a</li> </ul>				
	smartphose, further increasing demand on networks.				
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Dr T Chinnad	durai. Asso, Professor, Dept. of ICE attended the f	irst dav o	of the Fl	DP	on

**"Technical Interventions Using Wireless Communications"** delivered by Ms Garmia Saini, Asst. Professor, NITTTR- Chandigarh, coordinated by AICTE/ATAL on 18 May 2020.





### Certificate of Participation

This is to certify that SREEVIDYA V, SRI KRISHNA COLLEGE OF TECHNOLOGY has successfully participated in one week online FDP on "Effective and Instructive Research" from 4 May-10 May,2020 organised by Department of Civil Engineering, Sona College of Technology, Salem.



Co-ordinator



Besternuy

HoD/Civil



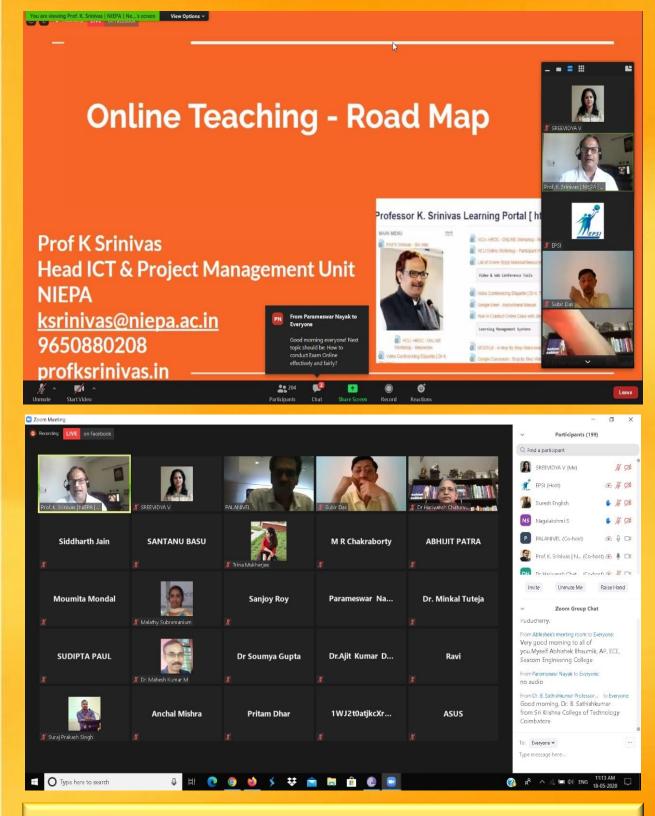
### Certificate of Participation

This is to certify that RAMESH R, SRI KRISHNA COLLEGE OF TECHNOLOGY has successfully participated in one week online FDP on "Effective and Instructive Research" from 4 May-10 May,2020 organised by Department of Civil Engineering, Sona College of Technology, Salem.

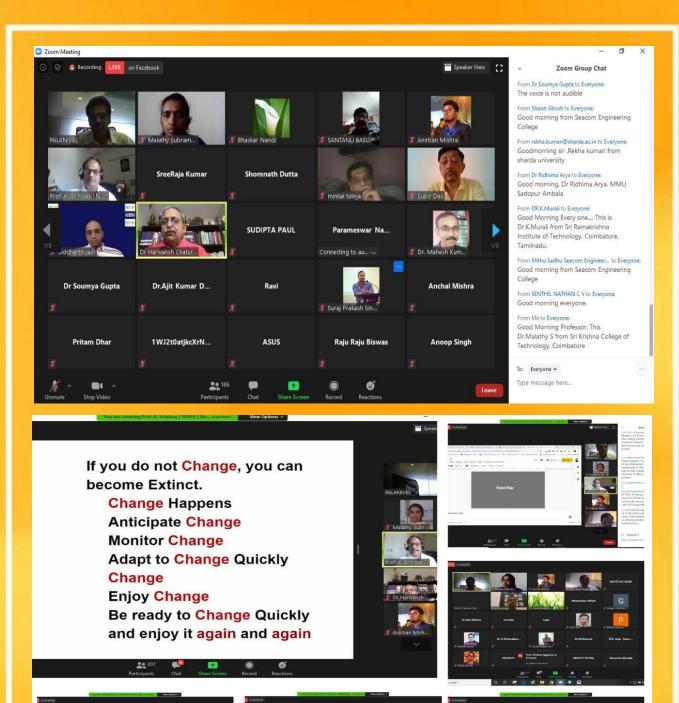


### HoD/Civil

Dr V Sreevidya, Asso. Professor and Mr R Ramesh, Asst. Professor, Dept. of Civil Engineering participated in the one-week FDP on "**Effective and Instructive Research**" during 04 – 10 May 2020 organized by Sona College of Technology, Salem.



Dr V Sreevidya, Asso. Professor, Dept. of Civil Engineering attended an Online FDP on **"Action Plan for Implementation of Online Teaching and Learning"** conducted by Prof K Srinivas, Head, ICT & Project Management Unit, National Institute of Educational Planning and Administration (NIEPA), New Delhi on 18 May 2020.



Dr S Malathy, Professor, Dept. of ECE attended the Online Faculty Development Programme on **"Action Plan for Implementation of Online Teaching & Learning"** conducted by Prof K Srinivas, Head, ICT & Project Management Unit, National Institute of Educational Planning and Administration (NIEPA), New Delhi on 18 May 2020.

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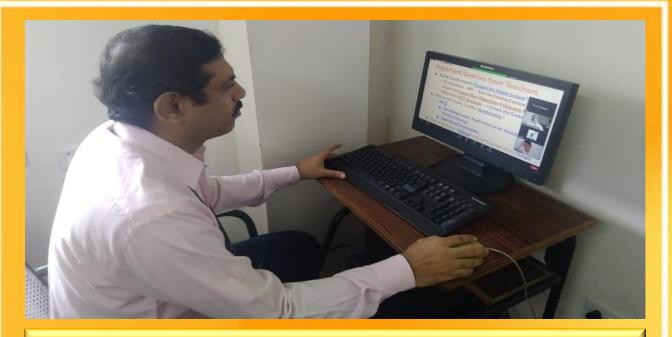
Course should be instructor-led & student-centered

Learning should be collaborative in nature Coursework should maximize participation flexibility and

Courses should faster information, communication, collaboration and team-building skills Course format, expectations and instructions should be clear

vities and assessments should account for different learning

K. Srinivas Learning Portal [ http://profksrinivas.in ]



Dr R Srinivasan, Professor, Dept. of Mechanical Engineering attended the online Faculty Development Programme on **"Action Plan for Implementation of Online Teaching & Learning"** by Prof. K Srinivas, Head, ICT & Project Management Unit, National Institute of Educational Planning and Administration on 18 May 2020.



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

Coimbatore - 641 032

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING 54 Certificate of Participation

AM4SQ0-CE000154

This is to certify that Ms. M. JAISHREE / ASSISTANT PROFESSOR / ECE / SRI KRISHNA COLLEGE OF TECHNOLOGY, COIMBATORE has participated in the 5 Day Online Faculty Development Program on "IoT Trends to Drive Innovation for Business and Digital Technology", organized by the Department of Electronics and Communication Engineering, Hindusthan Institute of Technology, Coimbatore from 11.05.2020 to 15.05.2020.

Dr.V.Suresh Babu Co-ordinator

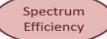
Dr.B.Paulchamy Convenor

Dr.C.Natarajan Principal

Ms M Jaishree, Asst. Professor, Dept. of ECE has been certified for having completed the five-day Faculty Development Programme on **"IoT Trends to Drive Innovation for Businesses and Digital Technology"** conducted by Hindustan Institute of Technology, Coimbatore during 11 - 15 May 2020.

### **For Capacity Enhancements**

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1000x Capacity

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Dimension	Feasible Technologies
Spectrum Efficiency	IMTA- Interference Management & Traffic Adaptation
Spectrum Extension	New Carrier Type Carrier Aggregation TV White Space Visible Light communication Cognitive Radio
Network Configuration	Small Cell Deployment Efficient Machine Type Communication Device to Device Communication Heterogeneous Network Software Define Network

### **Massive MIMO**

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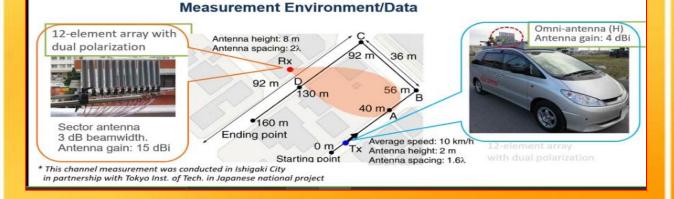
#### Example of contribution: 30 Gbps simulation using 11 GHz band measured 24x24 MIMO channel

Transmission scheme	24x24 MIMO-OFDM eigenmode
Signal bandwidth	400 MHz
Subcarrier spacing	195 kHz
Maximum bit rate	35.3 Gbps (64QAM, 3/4)

#### Investigation points:

- Performance analysis of massive MIMO in higher frequency bands
- Impact of CSI error and hardware impairments

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# Dr M Deva Priya, Asso. Professor, Dept. of CSE attended the first day of the five-day short-term course on **"Technological Interventions Using Wireless Communication"** organised by NITTTR, Chandigarh.

### What is Data Analytics?

Analytics is the use of:

data,

information technology,

statistical analysis,

quantitative methods, and

mathematical or computer-based models

to help managers gain improved insight about their business operations and make better, fact-based decisions.

You

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Business Analytics (BI) is a subset of Data Analytics

Ms P Anantha Prabha, Asst. Professor, Dept. of CSE attended the first day of the five-day short-term course on **"Data Analytics Using Python"** organised by NITTR, Chandigarh.

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Parmod Kumar Singla National Institute of Technical Teachers Training and Research, Chandigarh pksingla@gmail.com

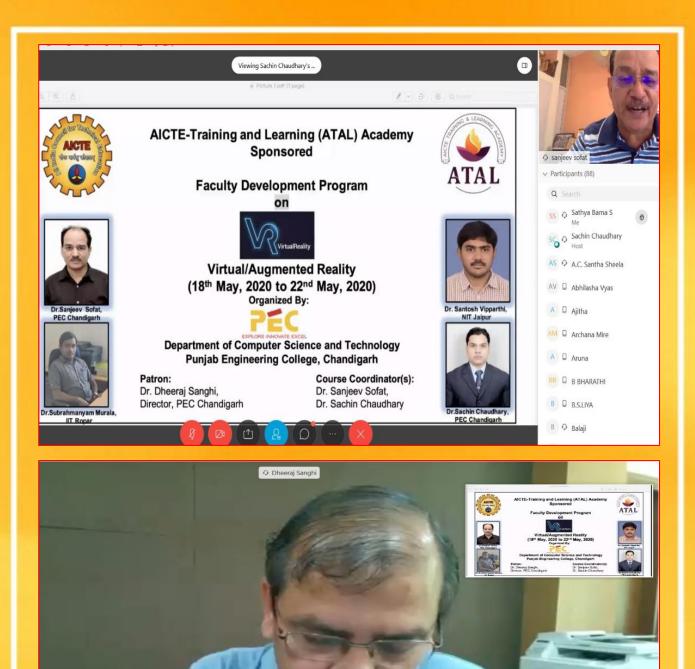
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Ms Viraja Ravi, Asst. Professor, Dept. of CSE attended the first day of the five-day shortterm course on "**Communication and Presentation Skills**" organised by NITTTR, Chandigarh.

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Ms S Sathya Bama and Ms G Priyanka, Asst. Professors, Dept. of CSE attended the first day of the five-day Faculty Development Programme on **"Virtual Reality/Augmented Reality"** organised by Punjab Engineering College, Chandigarh in association with ATAL.

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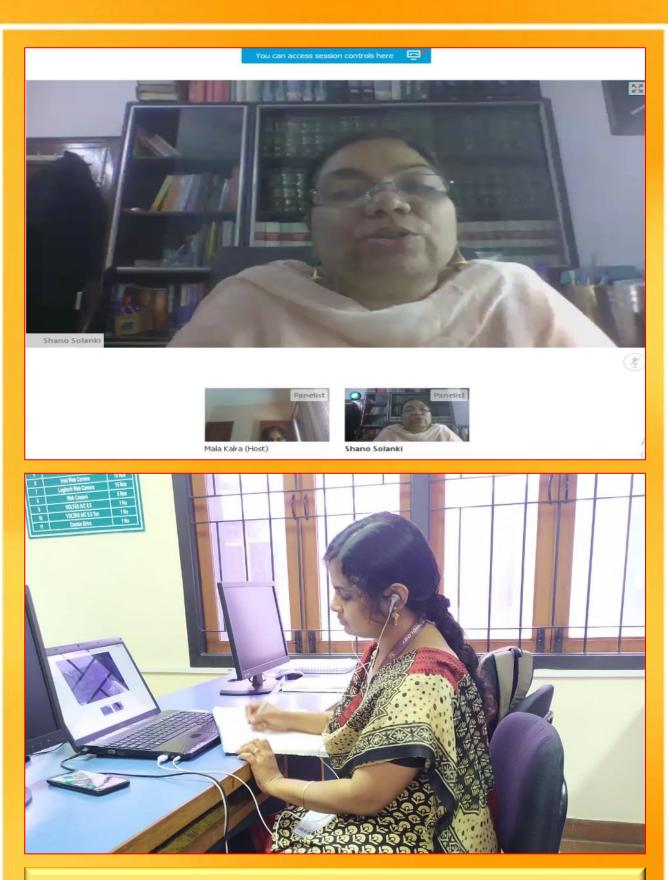
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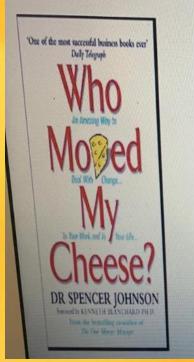
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Ms T Suganya and Ms G Sandhya, Asst. Professors, Dept. of CSE attended the first day of the five-day short-term course on "**Big Data Analytics**" organised by NITTTR, Chandigarh.

### **Online Teaching - Road Map**

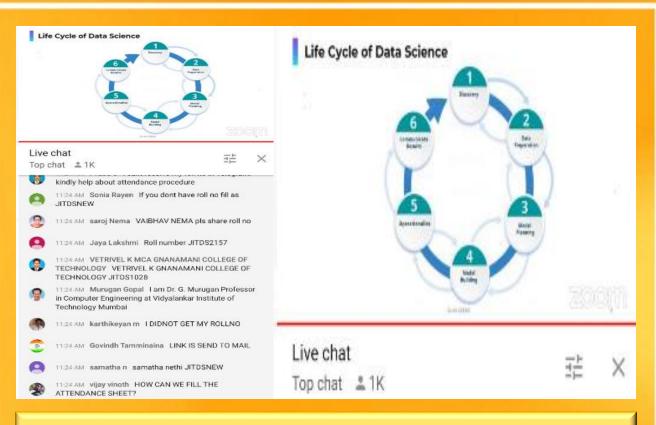
Prof K Srinivas Head ICT & Project Management Unit NIEPA <u>ksrinivas@niepa.ac.in</u> 9650880208 profksrinivas.in



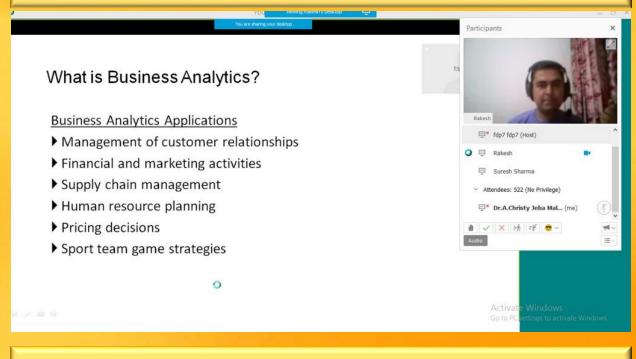
If you do not Change, you become Extinct. Change Happens Anticipate Change Monitor Change Adapt to Change Quickly Change Enjoy Change Be ready to Change Quickly and enjoy it again and again

ofessor K. Srinivas Learning Portal

Ms V Roopa, Asst. Professor, Dept. of IT attended the online Faculty Development Programme on "**Action Plan for Implementation of Online Teaching & Learning**" conducted by EPSI on 18 May 2020.

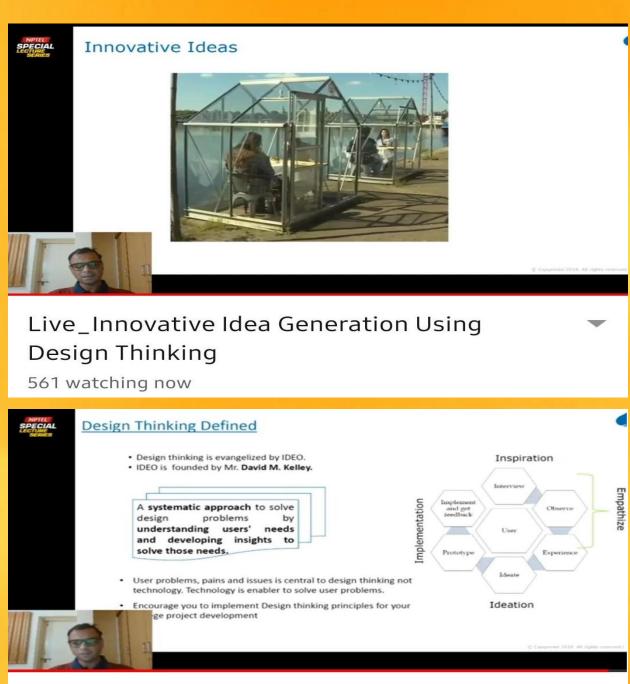


Ms Alaguvathana, Asst. Professor, Dept. of IT attended the online Faculty Development Programme on "**Data Science**" organized by Jeppiaar Institute of Technology on 18 May 2020.



Dr A Christy Jebamalar, Asso. Professor and Ms S Priyadharshini, Asst. Professor, Dept. of IT attended the first day of the five-day Faculty Development Programme on **"Data Science Using Python"** by NITTTR on 18 May 2020.

# TALK SERIES



### Live\_Innovative Idea Generation Using Design Thinking

Members of faculty and students of SKCT attended the NPTEL Lecture series on **"Innovative Idea Generation using Design Thinking"** with Mr. Dilip Purohit, Director, Capgemini on 16 May 2020. Mr S Ganesh Prabhu, Asst. Professor, Dept. of ECE coordinated the event.

## **STUDENTS' PARTICIPATION**



Mr D Daniel Das, a student of III B.E. EEE A Section captured a photo representing "**The Bird is Powered by its Own Life and by its Motivation**" during Covid-19 lockdown.

#### Google Analytics Academy

Google Analytics for Beginners Certificate of Completion

### **RAGAVAN M**

Awarded for successfully completing the course "Google Analytics for Beginners"

#### 

Certificate expires May 17, 2023

#### Google Analytics Academy

Advanced Google Analytics Certificate of Completion

**RAGAVAN M** 

Awarded for successfully completing the course "Advanced Google Analytics"

#### 

Certificate expires May 17, 2023

Mr M Ragavan, a student of II B.E. Mechanical Engineering class has successfully completed the course on **"Google Analytics for Beginners and Advanced Google Analytics"** on 17 May 2020.

# **FACULTY PARTICIPATION**



Dr S Siamala Devi, Asso. Professor, Dept. of CSE attended the Webinar on **"Action Plan for Implementation of Online Teaching & Learning"** organized by EPSI – Education Promotion Society for India on 18 May 2020.

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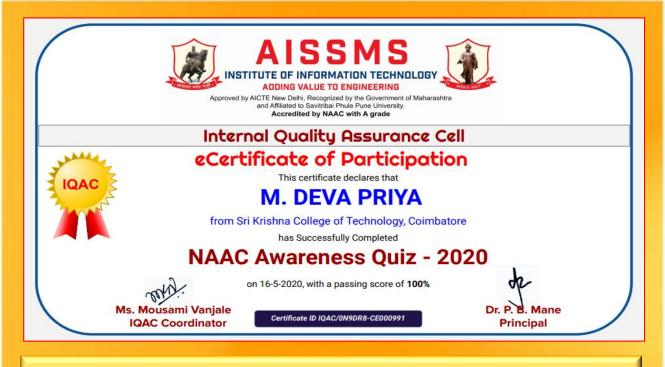
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Dr M Deva Priya, Asso. Professor, Dept. of CSE attended **"NAAC Awareness Quiz – 2020"** organized by AISSMS Institute of Information Technology in association with Internal Quality Assurance Cell.

#### International Journal of Engineering Computational Research and Technology

Certificate of Hppreciation

This is to certify that M. DEVA PRIYA has participated in National Level Online Quiz on "Research Methodologies for UG/PG/Research Scholar's/Faculty" conducted by International Journal of Engineering Computational Research and Technology (IJECRT) on 5/16/2020.



http://ijecrt.org

C.V. KRISHNAVENI

Quiz Co-Ordinator

R Madam Mo Dr. R MADANA MOHANA Editor-in-Chief, IJECRT

Dr M Deva Priya, Asso. Professor, Dept. of CSE participated in National Level Online Quiz on "**Research Methodologies for UG/PG/Scholar/Faculty**" conducted by International Journal of Engineering Computational Research and Technology on 16 May 2020.

IJECRT



**Peer Review**" under the topic **"Navigating Peer Review**" in the Elsevier - Researcher Academy portal to improve their Research and Publication Skills on 30 April 2020.







### **CERTIFICATE OF PARTICIPATION**



Ms V Manimegalai, and Ms A Gayathri, Asst. Professors, Dept. of EEE, have been certified for having attended the Webinar on "**Distributed Temperature Sensing for Real-Time Power Line Monitoring using Raman Scattering in Optical Fibers**" organized by SRM Institute of Science and Technology, Chennai on 16 May 2020.



Webinar on **"Scratch Programming for Games"** delivered by Mr B Raja Guru, organized by G S Mandal's. Maharashtra Institute of Technology, Aurangabad on 16 May 2020.



Dr T Rajesh Kumar, Asso. Professor, Dept. of IT participated in the Power Seminar Webinar on the theme "**Gearing up for the job for Tomorrow**" conducted by ICT Academy on 05 May 2020.









Certificate of Participation

This is to certify that

Dr R V Murali

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from Sri Krishna College Of Technology, Colmabtore, Colmbatore has Successfully attended Leadership Talk With Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited and Dr. Abhay Jere, Chief Innovation Officer MHRD Innovation Cell, Saturday, 16th May 2020 at 01.00 PM by MHRD's Innovation Cell

#### Dr. Abhay Jere

Chief Innovation Officer, MHRD's Innovation Cell





Dr R V Murali, Prof. & Head, Center for Research & Development (CRD) of SKCT attended the **Leadership Talk** with Dr Pramod Chaudhari, Founder, Chairman, Praj Industries Limited and Dr Abhay Jere, Chief Innovation Officer, MHRD Innovation Cell, on 16 May 2020.

# **International Museum Day**

Every year on 18 May **International Museum Day** is observed to raise awareness among people about the museums as an important means of cultural exchange and development of mutual understanding, cooperation and peace among people.

Since its inception, UNESCO has recognized museums as one of its most important partners for building peace in the minds of women and men. Today museums specialize in everything from human ingenuity and cultural expressions to natural heritage. They may be indoors, open-air, underwater and virtual, attracting and inspiring millions of visitors each day. As museum attendance continues to grow around the world, UNESCO is working to link their work with sustainable development and peace building.



Salar Jung Museum, Hyderabad

### **Famous Museums of India**

- National Museum, Delhi
- The Prince of Wales Museum, Mumbai
- Indian Museum, Calcutta
- Salar Jung Museum, Hyderabad
- The Calico Museum of Textiles, Ahmedabad