

SKCT Digest

Volume 16, Issue 10
15 May 2020



IN THIS ISSUE

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- FDPs ATTENDED
- TALK SERIES
- STUDENTS' PARTICIPATION
- FACULTY PARTICIPATION
- MEETINGS & DISCUSSIONS

EDITOR - IN - CHIEF

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Principal

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Dr V Thiyagarajan, S&H

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Ms S Thenmozhi, ECE

Ms A Little Judy, EEE

NEW VISTAS OF LEARNING



SRI KRISHNA COLLEGE OF TECHNOLOGY

(An Autonomous Institution/ Accredited by NAAC with 'A' Grade)

DEPARTMENT OF SCIENCE AND HUMANITIES



Organizes a Webinar

on

Agile Mindset & Design Thinking

Resource Person



E-CERTIFICATE

Will be issued for all the participants

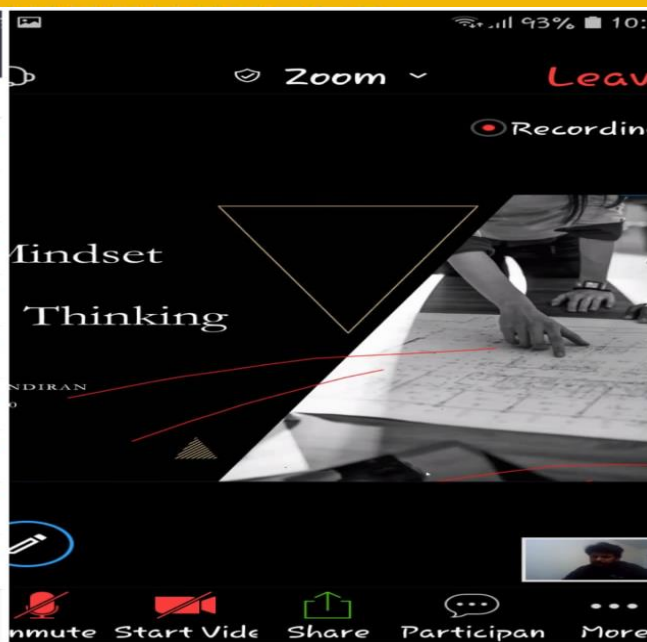
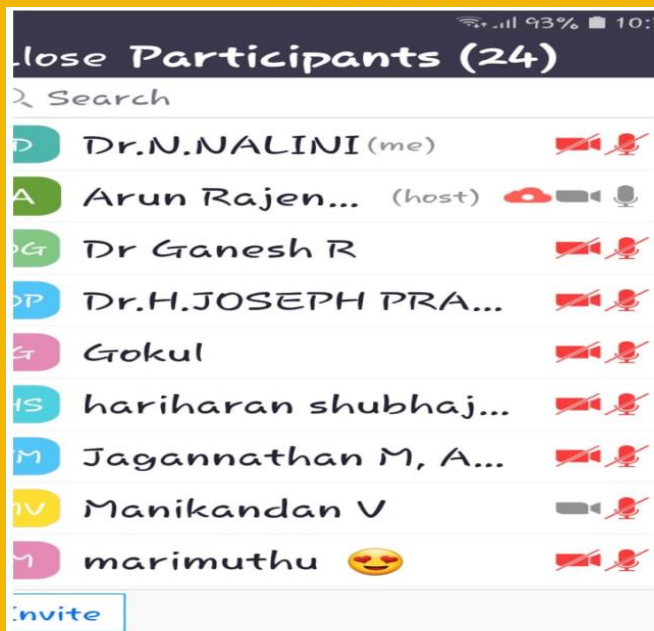
Arun Rajendran
Vice President for Credit Systems &
Data at Silicon Valley Bank,
California USA.



Date : 15 May 2020

Time: 10.00AM

Meeting ID :283 885 9371



The Dept. of Science and Humanities organized a Webinar on "Agile Mindset & Design Thinking" delivered by Mr Arun Rajendran, Vice President for Credit Systems & Data at Silicon Valley Bank, California USA on 15 May 2020. Ms H Subhajyothi, Asst. Professor, Dept. of Science and Humanities coordinated the event and the Members of Faculty, Dept. of Science and Humanities attended the Webinar.



SRI KRISHNA COLLEGE OF TECHNOLOGY

(An Autonomous Institution/ Accredited by NAAC with 'A' Grade)
Kovaipudur, Coimbatore – 641 042.



Certificate ID: CBCPHA-CE000016

e-Certificate for
PARTICIPATION

R.SHANTHAMANI

Associate Professor, Department of S&H

has successfully completed Webinar Programme on “Agile Mindset & Design Thinking” organized by the Department of Science and Humanities, Sri Krishna College of Technology, Coimbatore on 15 May 2020.

Head of the Department
Dr B SATHISHKUMAR



SRI KRISHNA COLLEGE OF TECHNOLOGY

(An Autonomous Institution/ Accredited by NAAC with 'A' Grade)
Kovaipudur, Coimbatore – 641 042.



Certificate ID: CBCPHA-CE000014

e-Certificate for
PARTICIPATION

Mr S SAKTHIVEL

Assistant Professor - English

has successfully completed Webinar Programme on “Agile Mindset & Design Thinking” organized by the Department of Science and Humanities, Sri Krishna College of Technology, Coimbatore on 15 May 2020.

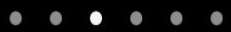
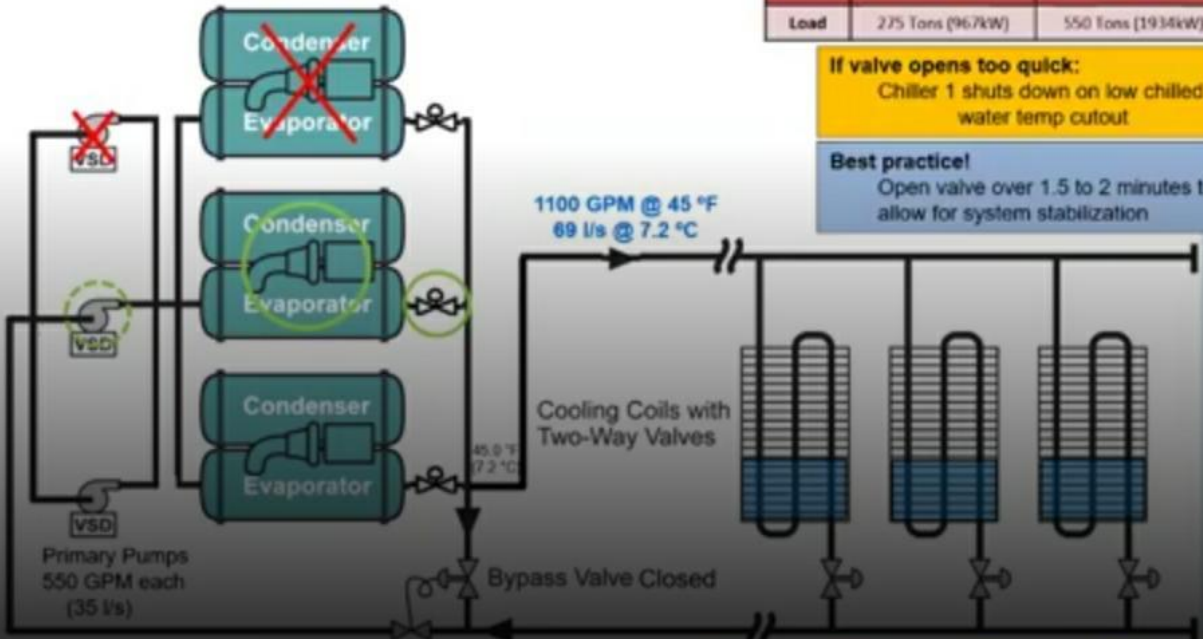
Head of the Department
Dr B SATHISHKUMAR



	Per Chiller	System
Load	275 Tons (967kW)	550 Tons (1934kW)

If valve opens too quick:
Chiller 1 shuts down on low chilled water temp cutout

Best practice!
Open valve over 1.5 to 2 minutes to allow for system stabilization



Dr S Sundararaj, Professor, Dept. of Mechanical Engineering participated in a Webinar on "Chilled Water System" organized by ISHRAE Coimbatore Chapter on 14 May 2020.

REC



(94)

2



Ajith.B.Singh of ICE -SKCT (You)



SATHYA sureshkumar



Dharmalingam s



Sundar Assistant Professor

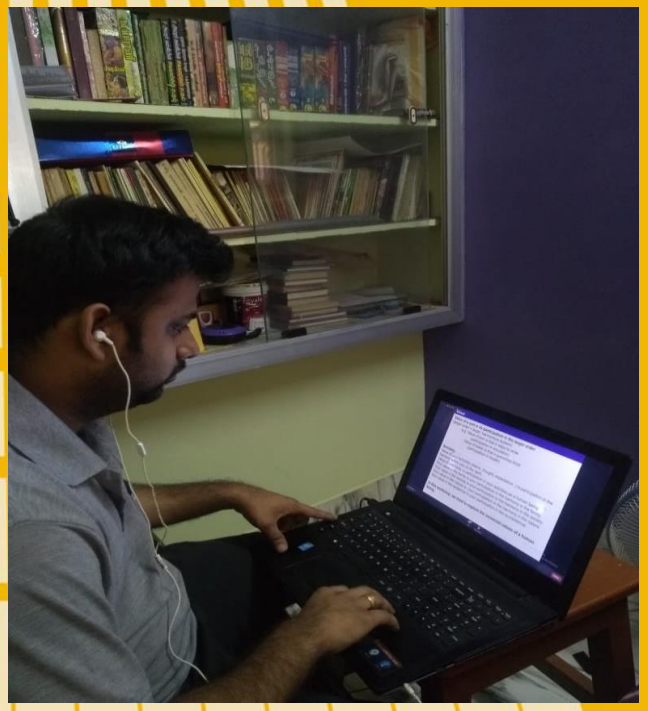
NEW

Others in the meeting (90)



Mr Ajith B Singh, Asst. Professor, Dept. of ICE, attended a Webinar on "Powerplant Instrumentation and Control " delivered by Dr S Dharmalingam, General Manager, R&D, BHEL, Trichy, on 15 May 2020.

FDPs ATTENDED



Dr T Pridhar, Professor, Mr N Aravindkumar, Mr S Ramkumar and Mr K Kaviyarasan, Asst. Professors. Dept. of Mechanical Engineering attended the fifth day of the five-day Workshop on **“Incorporating Universal Human Values in Technical Education”** - an AICTE Initiative on 15 May 2020.

You are viewing Gaurav Kumar's desktop

Colaboratory : Tesla GPU based Free Cloud

Now you can develop **deep learning** applications with **Google Colaboratory** - on the **free Tesla K80 GPU** - using **Keras, Tensorflow** and **PyTorch**.

Cost : INR 3.5 Lacs



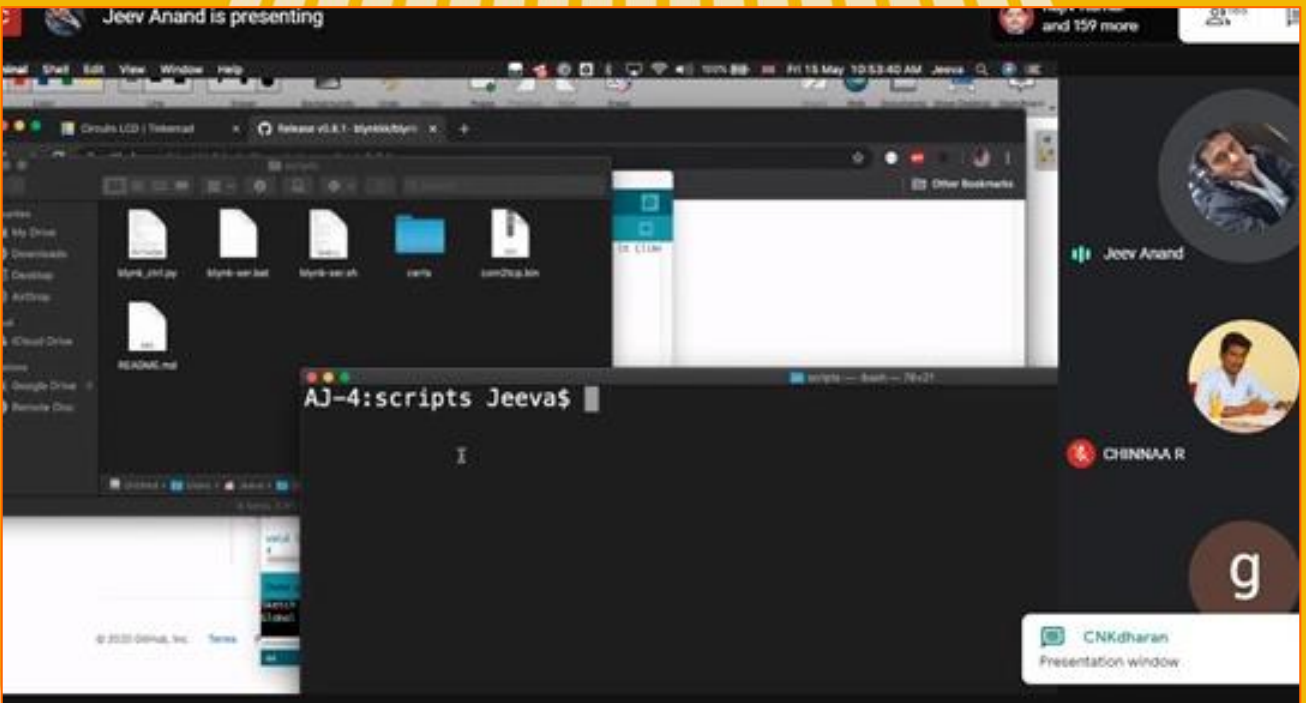
<https://colab.research.google.com>

Nvidia Tesla K80 GPU: 2x Kepler GK210
 Memory size (GDDR5) : 24GB (12GB per GPU)
 CUDA cores: 4992 (2496 per GPU)
 Memory bandwidth: 480 GB/sec (240 GB/sec per GPU)

Gaurav Kumar

Ms P Anantha Prabha, Asst. Professor, Dept. of CSE attended the fifth day of the five-day short-term Course on “**Neural Networks and CNN**” organised by NITTTR.

Jeev Anand is presenting



and 159 more

Jeev Anand

CHINNA R

g

CNKdharan
Presentation window

Dr M Deva Priya, Asso. Professor, Dept. of CSE attended the fifth day of the five-day Faculty Development Programme on “**Internet of Things**” organised by ATAL in association with Government College of Engineering, Srirangam, Trichy.

Participants (97)

- H Hemanadh1
- IG Idayachandran G
- JS Jeypriya S
- JP Jothi Thilaga P
- K K.L.Neela
- KK Kamal Kodagandla
- KS kamini shukla
- KN KARTHIKEYAN NAGARAJAN
- KK KIRAN KALLA
- KS kolanu shravani
- KR Kumudha Raimond
- LR LACHI REDDY
- MB M M BALAKRISHNA

```

[29] 22998      NaN  Suriname  3.9193 -56.0278  4/18/20    10     1     6
      22999      NaN   Sweden  63.0000  16.0000  4/18/20   13822  1511   550

3000 rows x 8 columns

[30] df_short.shape
Out[30]: (3000, 8)

df['Country/Region'].describe
Out[30]: <bound method NDFrame.describe of 0 Afghanistan
1      Albania
2      Algeria
3      Andorra
4      Angola
...
23837   France
23838  South Sudan
23839  Western Sahara
23840  Sao Tome and Principe
23841   Yemen

```

Ms S Sathya Bama and Ms G Priyanka, Asst. Professors, Dept. of CSE attended the fifth day of the five-day AICTE-ATAL Faculty Development Programme on **“Data Science”** organised by IIIT, Nagpur.

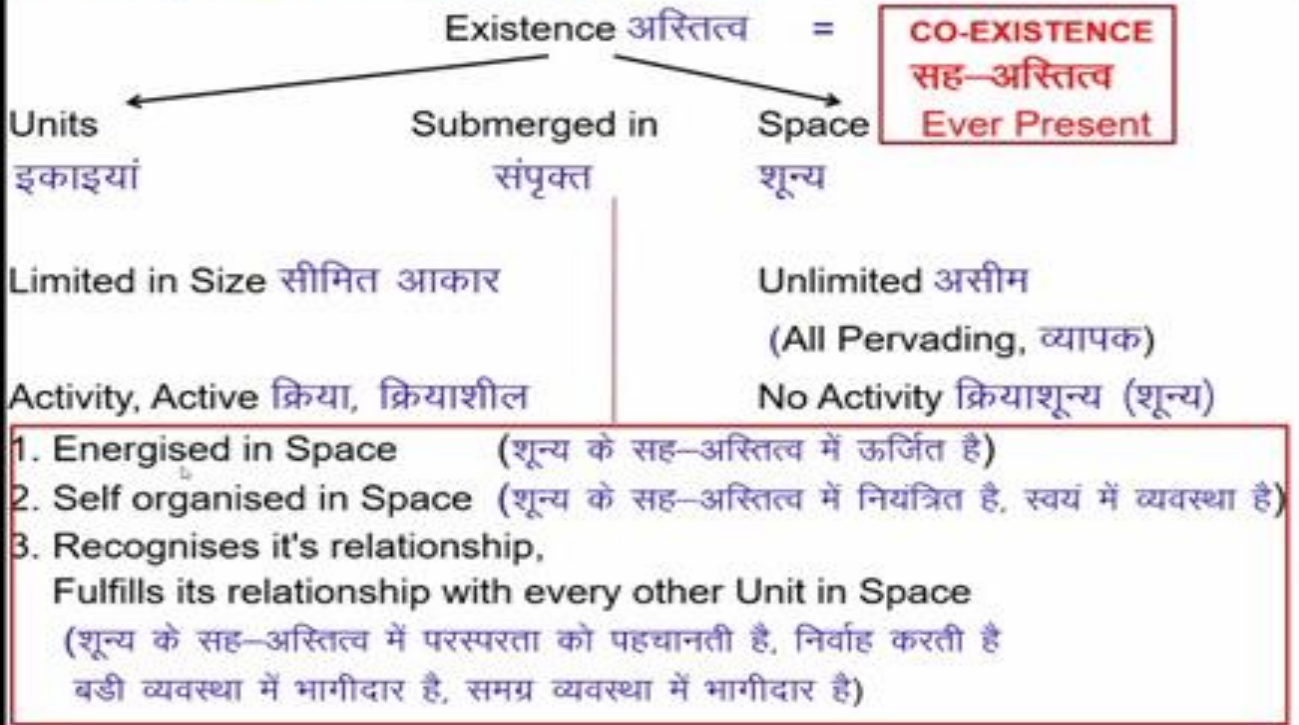


Types of Data Analysis

Descriptive	Predictive	Prescriptive
<ul style="list-style-type: none"> Aims to help uncover valuable insight from the data being analyzed Answers the question “What happened?” 	<ul style="list-style-type: none"> Helps forecast behavior of people and markets Answers the question “What could happen?” 	<ul style="list-style-type: none"> Suggests conclusions or actions that may be taken based on the analysis Answers the question “What should be done?”

Ms G Sandhya, Asst. Professor, Dept. of CSE attended the fifth day of the five day AICTE-ATAL Faculty Development Programme on **“Data Analytics” Present & Future** organised by NIT Nagaland.

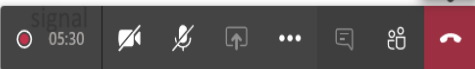
Harmony in Existence अस्तित्व में व्यवस्था



Ms A Sunitha Nandhini and Ms S Kiruthiga, Asst. Professors, Dept. of CSE attended the fifth day of the five-day Faculty Development Programme on “**Incorporating Human Values in Technical Education**” organised by AICTE Host University Anna University.

What is Reinforcement Learning?

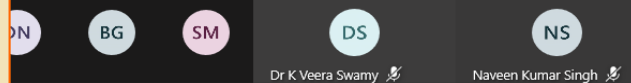
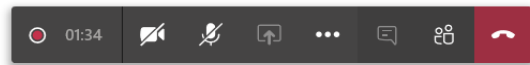
- An approach to Artificial Intelligence
- Learning from interaction
- Goal-oriented learning
- Learning about, from, and while interacting with an external environment
- Learning what to do—how to map situations to actions—so as to maximize a numerical reward



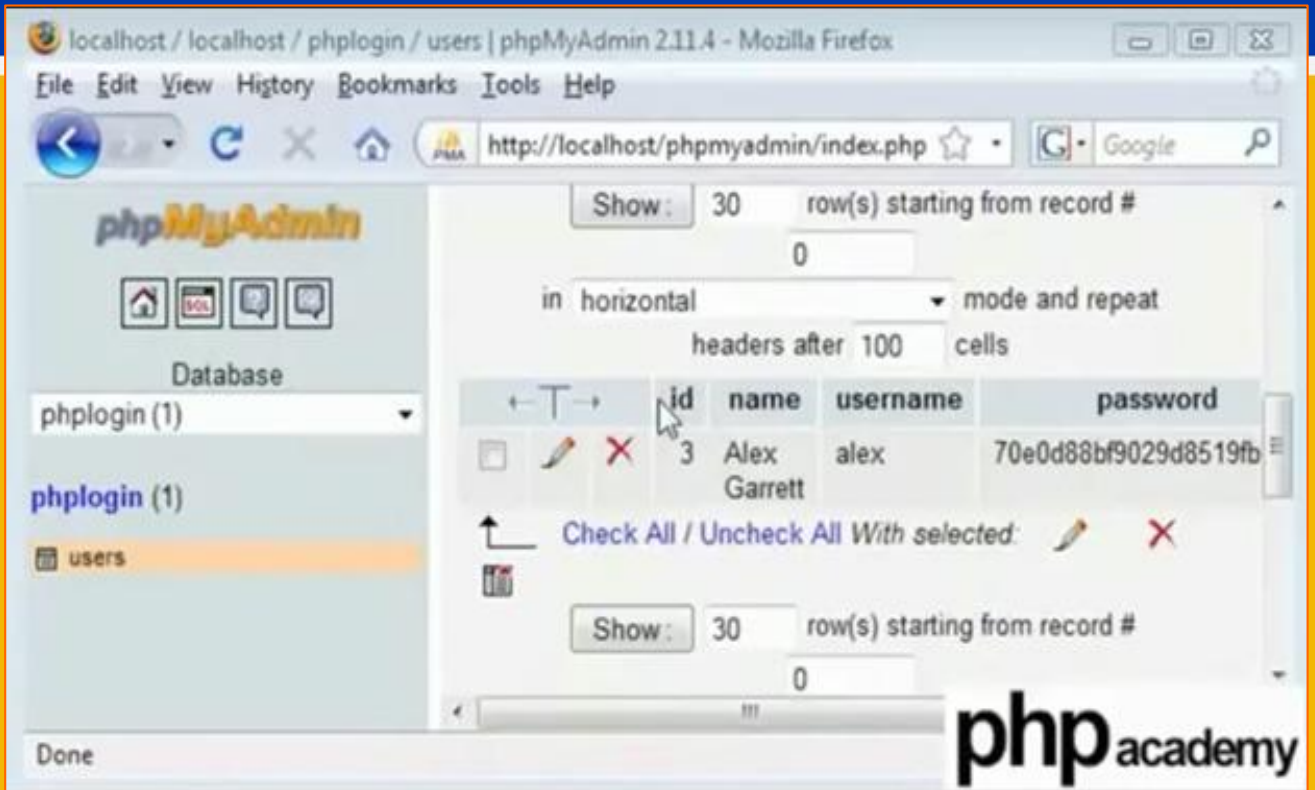
Meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy Policy

Types of Learning

- **Supervised learning**
 - Training data includes desired outputs
- **Unsupervised learning**
 - Training data does not include desired outputs
- **Reinforcement learning**
 - Rewards from sequence of actions



Ms M Kavitha Margret, Asst. Professor, Dept. of CSE attended the fifth day of the five-day Faculty Development Programme on “**Artificial Intelligence**” organised by ATAL/AICTE.



Ms Viraja Ravi, Asst. Professor, Dept. of CSE attended the fifth day of the five-day Faculty Development Programme on “**Data Science Using R**” organised by NITTTR, Chandigarh.

ANOVA

The one-way ANOVA compares the means between the groups one is interested in and determines whether any of those means are statistically significantly different from each other. Specifically, it tests the null hypothesis: $H_0: \mu_1 = \mu_2 = \mu_3 = \dots = \mu_k$

Examples

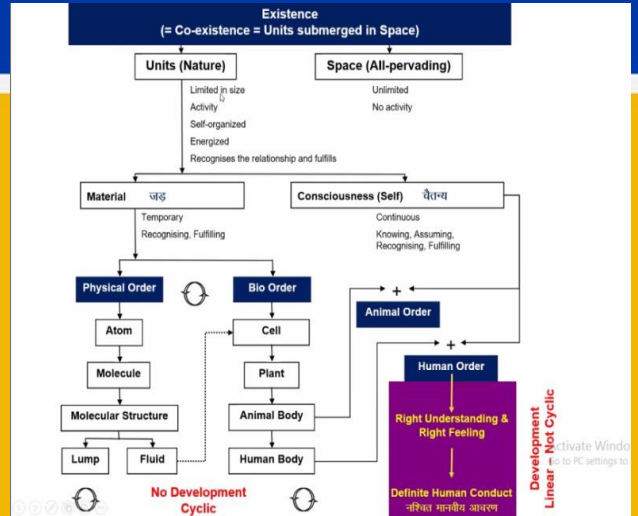
- A group of psychiatric patients are trying three different therapies: cognitive behavioral therapy, medication and biofeedback. You want to see if one therapy is better than the others.
- Students from different colleges take the same exam. You want to see if one college outperforms the other.

Dr. Shikha Sharma

Ms N R P Nivetha, Asst. Professor, Dept. of CSE attended the fifth day of the five-day Faculty Development Programme on “**PHP and MySQL**” organised by VIT, Chennai in association with Spoken Tutorial, IIT Bombay.

Realizing Existence as Co-existence at All Levels

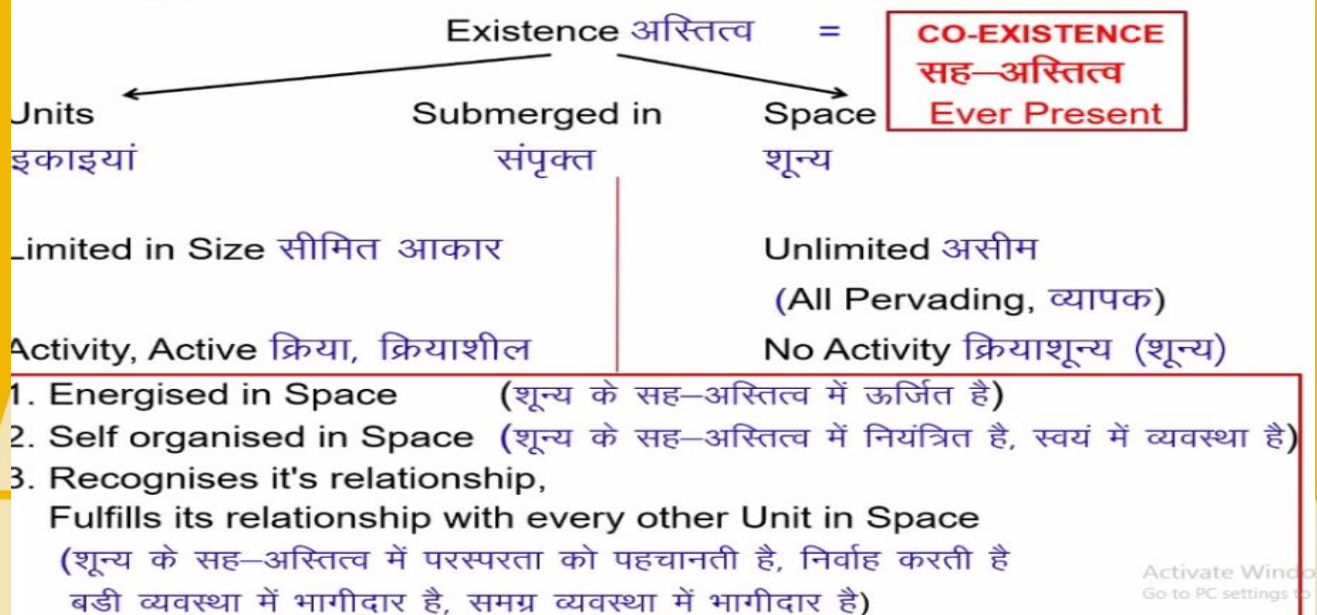
The Holistic Perception of Harmony in Existence

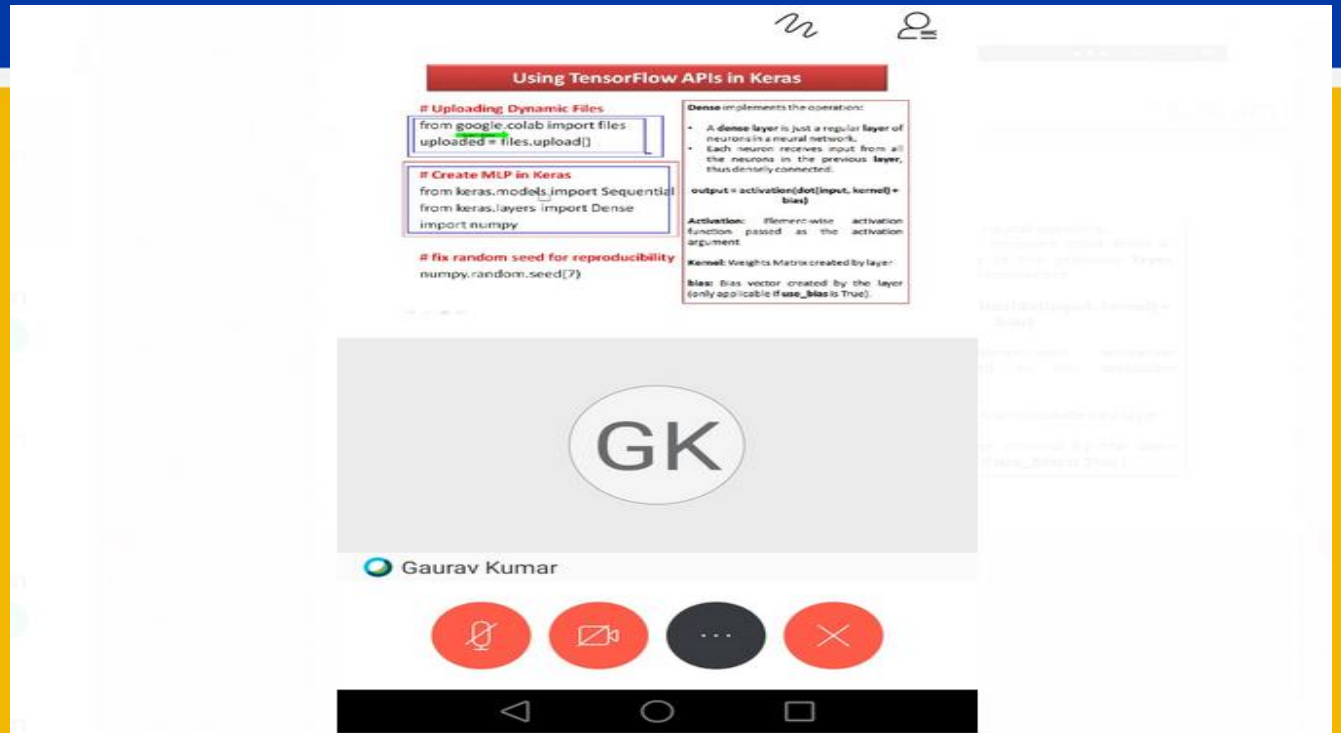


Societal implications of living with Human Consciousness

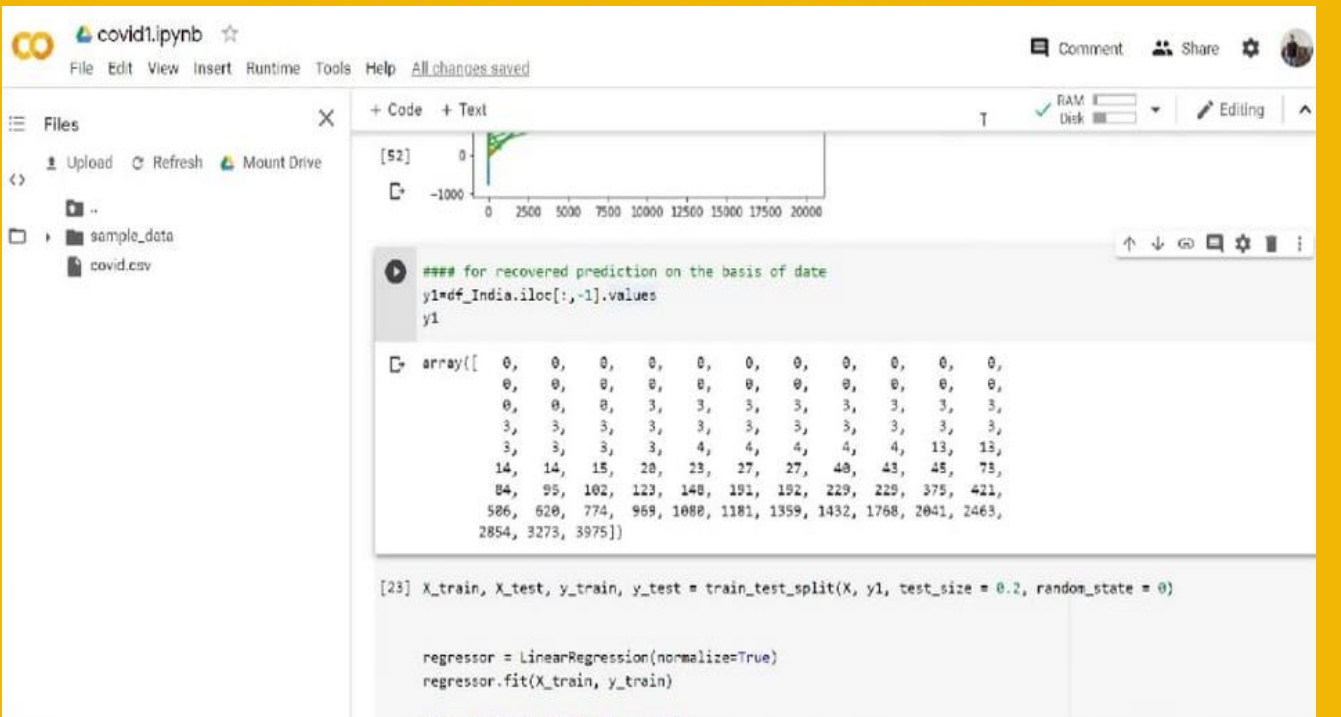


Harmony in Existence अस्तित्व में व्यवस्था





Mr A Suresh Kumar and Ms M Malathi, Asst. Professors, Dept. of IT attended the fifth day of the five-day Online Faculty Development Programme on “**Neural Network and Convolution Network**” organized by NITTTR on 15 May 2020.



Ms S Muthulakshmi, Asst. Professor, Dept. of IT attended the fifth day of the five-day AICTE Training and Learning (ATAL) Program for Faculty Development on “**Data Science**”, organized by IIIT Nagpur on 15 May 2020.

Akhil Gopinath is presenting Ahmed Ali and 129 more

Deep Network Designer

DESIGNER

FILE BUILD NAVIGATE LAYOUT ANALYSIS EXPORT

LAYER LIBRARY

Filter layers

OBJECT DETECTION

- regionProposalLayer
- yoloV2ReorgLayer
- yoloV2TransformLayer
- anchorBoxLayer
- ssdMergeLayer

OUTPUT

- softmaxLayer
- classificationLayer
- regressionLayer
- rpnSoftmaxLayer
- rpnClassificationLayer
- pixelClassificationLayer
- dicePixelClassificationLayer
- yoloV2OutputLayer
- local_ossLayer

imageinput conv relu maxpool fc softmax

softmaxLayer

Properties

Name softmax

Overview

Akhil Gopinath is presenting Chander Diwaker and 130 more

Deep Network Designer

DESIGNER

FILE BUILD NAVIGATE LAYOUT ANALYSIS EXPORT

LAYER LIBRARY

Filter layers

OBJECT DETECTION

- regionProposalLayer
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- yoloV2OutputLayer
- local_ossLayer

imageinput conv relu maxpool fc softmax classoutput

Network from Deep Network Designer

Analysis date: 15-May-2020 12:48:19

7 layers 0 warnings 0 errors

ANALYSIS RESULT

Name	Type	Activations	Learnables
1 imageinput 227x227x3 images with 'crosshair'	Image Input	227x227x3	-
2 conv 32 3x3x3 convolutions with stride [1 1 1]	Convolution	227x227x32	Weights 3x3x3x32 Bias 1x1x32
3 relu ReLU	ReLU	227x227x32	-
4 maxpool 5x5 max pooling with stride [1 1] and padding [0 0]	Max Pooling	227x227x32	-
5 fc 15 fully connected layer	Fully Connected	1x1x18	Weights 18x1648928 Bias 18x1
6 softmax softmax	Softmax	1x1x18	-
7 classoutput crossentropyloss	Classification Output	-	-

classoutput classificationLayer

Properties

Number of layers 7

Number of connections 6

Input type Image

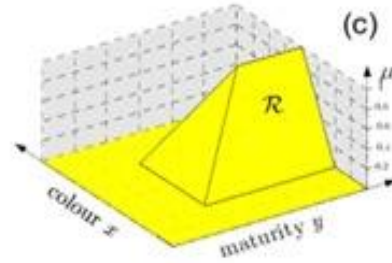
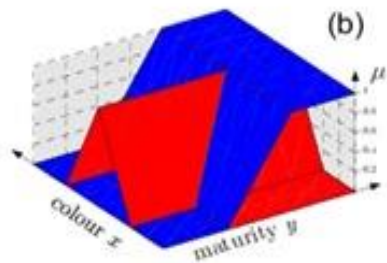
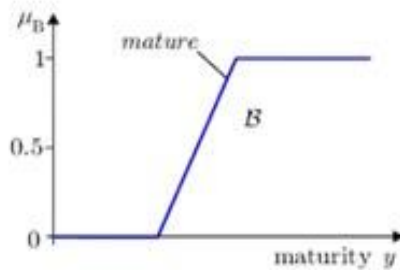
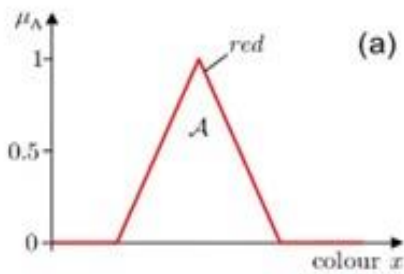
Output type Classification

Overview

Ms S Madumidha, Asst. Professor, Dept. of IT attended the fifth day of the five-day AICTE Training and Learning (ATAL) Program for Faculty Development on **“Artificial Intelligence (AI)”**, organized by the Dept. of Electronics and Communication Engineering, U.I.E.T, Kurukshetra University, Kurukshetra on 15 May 2020.

Fuzzy Relations

- Characteristics of a red and mature fruit

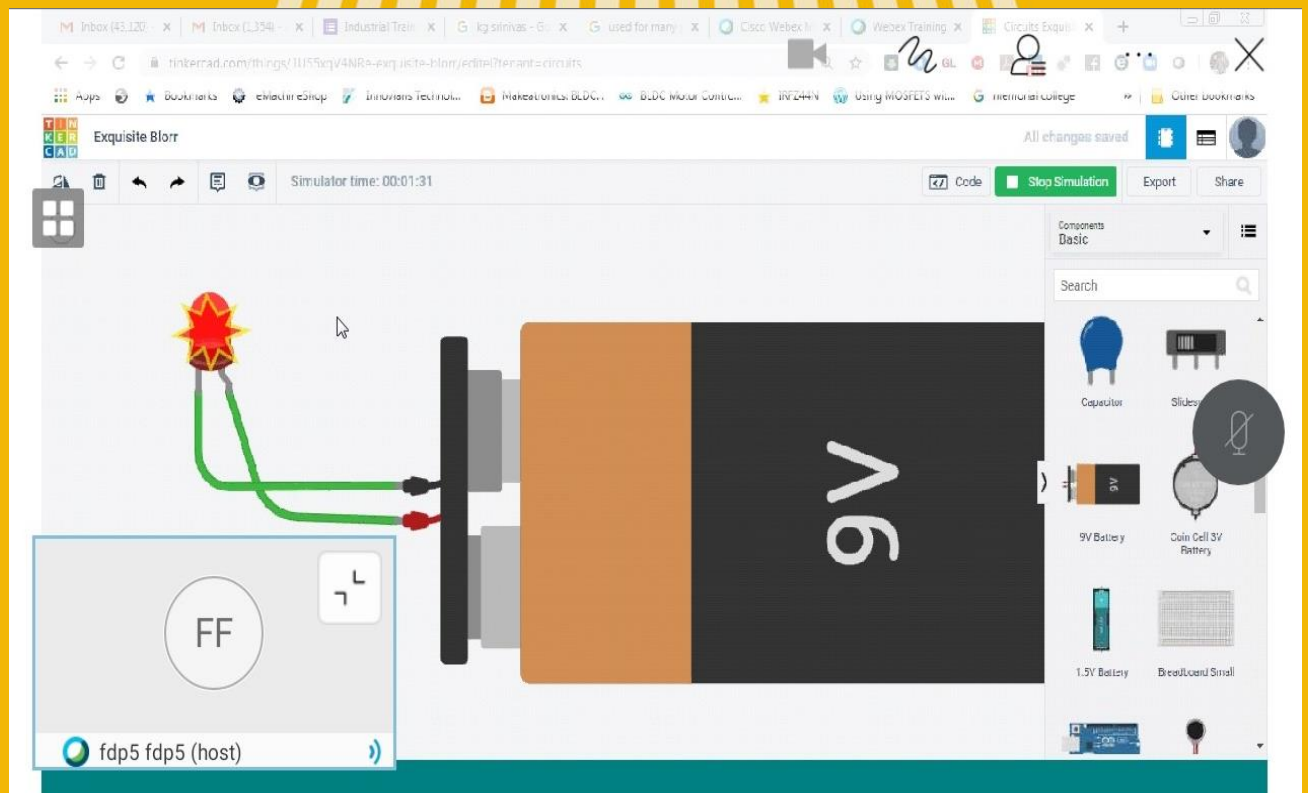
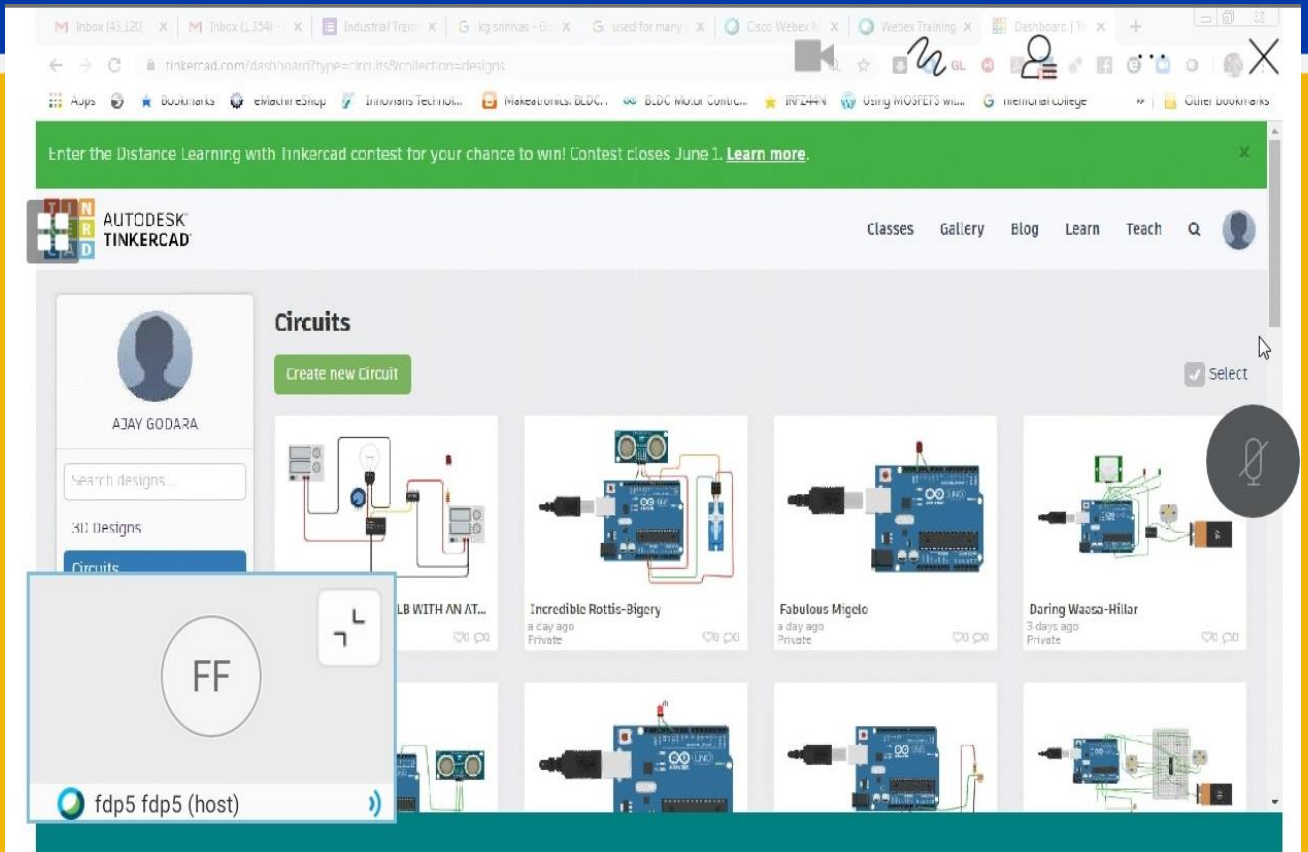


SPEED CONTROL – Rule Evaluation

Calculate Input Membership Levels

- If it's Sunny and Warm, drive Fast
- Sunny(Cover) \wedge Warm(Temp) \Rightarrow Fast(Speed)
 $0.8 \wedge 0.7 = 0.7$
 \Rightarrow Fast = 0.7

Dr P Santhosh, Asst. Professor, Dept. of EEE attended the fifth day of the five-day short-term course on “MATLAB Programming” conducted by Dr Lini Mathew, Professor, Dept. of Electrical Engineering, NITTTR, Chandigarh on 15 May 2020.



Ms E L Dhivya Priya, Asst. Professor, Dept. of ECE attended the fifth day of the five-day Faculty Development Programme on **“Image and Embedded Processing”** organized by NITTTR Chandigarh on 15 May 2020 .

TALK SERIES



Live chat
Top chat 2.2K
3:05 PM prabhu mk Prabhu MK, Sri Krishna of Technology... Coimbatore



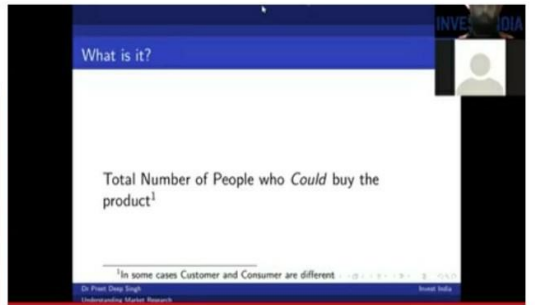
IIC ONLINE SESSION
By
Dr. Preet Deep Singh
AVP, Invest India



Topic:
Understanding Role and Application of Marketing Research at Idea to StartUp Stage - Foundation Level

Join Session at MHRD's Innovation Cell YouTube Channel:
<https://youtu.be/4lqYN1Xhoqg>

Date: 14-05-2020
Time: 3:00 PM - 4:00 PM



Live chat
Top chat 2.7K
15:10 Dr Sundararaj S Good afternoon.
Dr.S.Sundararaj, Sri Krishna College of Technology, Coimbatore



Live chat
Top chat 1.6K
3:02 PM RATHISH RAJENDRAN Rathish Rajendran from Sri Krishna College of Technology, Coimbatore.



Live chat
Top chat 2.1K
3:05 pm VINO SVK Good afternoon all, vinodh kumar from sri krishna college of Technology, Coimbatore

Dr Srinivasan Alavandar, Principal, Heads of the Departments, Members of Faculty and Students of Sri Krishna College of Technology, Coimbatore attended the Online Session on **“Understanding Role and Application of Marketing Research at Idea to StartUp Stage – Foundation Level”** conducted by Dr Preet Deep Singh, AVP, Invest India on 14 May 2020. Ms V Roopa, Asst. Professor, Dept. of IT coordinated the session.

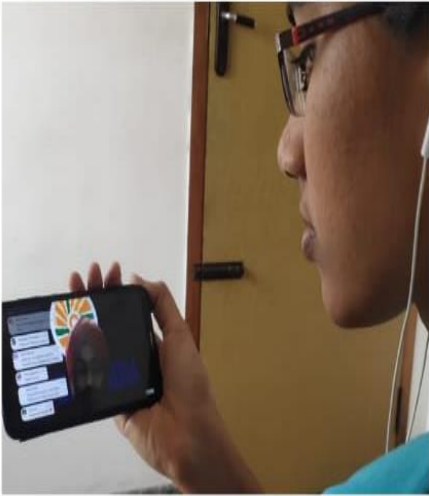
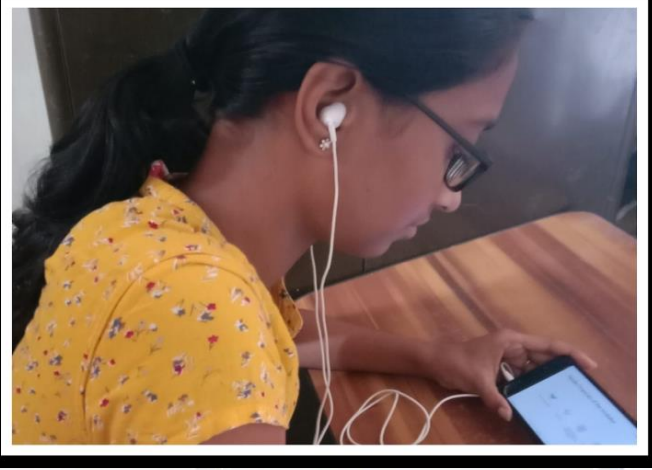
IIC ONLINE SESSION
By
Preet Deep Singh
AVP, Invest India



Topic:
**Understanding Role and Application of Marketing Research
at Idea to StartUp Stage - Foundation Level**

Session at MHRD's Innovation Cell YouTube Channel:
<https://youtu.be/4lqYN1Xhoqg>

Date: 14-05-2020
Time: 3:00 PM - 4:00 PM



Dr. Parthim Das
Investigator, NDLI

Dr. Ramesh Gaur
Dean & Director
Ministry of Culture

Now and Next: Post Covid 19 world for Digital Libraries

May 14 4:30 PM

Google Trustworthiness?

1. Google or any standard search engine provides Access to just 15-20 % web contents. What about rest 80-85 %?
2. Google search does not certify the authenticity of the information
3. While searching on Google You may not get most relevant results higher up in relevancy ranking
4. How to deal with Information Overload or explosion?



INTERNET IS NOT LIBRARY OR A DIGITAL LIBRARY

Impact of COVID-19- Corona

- › Spread of COVID-19 around the globe
- › Lockdown
- › Impact on Academic and Research Activities
 - Teaching, Research , writings and Learning
- › Impact on Libraries
 - Library closures
 - Providing Remotely -Anywhere Anytime access to Library resources and Library Services
 - Working from Home or Working Remotely
- › Social Impact



Shifting User Behaviours, Shifting Priorities

- › Still tend to think of libraries for books, journals and other reading authenticated peer-reviewed reading materials.
- › Google like search but not Google search to access e-content
- › Speed and convenience of electronic access over the physical library.
- › High-quality metadata for the discovery process.
- › Discovery-to-delivery process
- › Providing Enhanced content and also to assist them in e-resources for its authenticity and relevancy
- › Millennials Or Screenagers need help to deal with information inadequacy and anxiety due information overload or explosion

Status of Digitization, and Digital Archiving in Libraries and various National Initiatives

- | | |
|---------------------------|---|
| Libraries | › Digital Library of India (MICT) ? |
| Libraries | › National virtual Library of India (NVLIIITB-MoC) ? |
| City Libraries | › Centre for Excellence in National Digital Preservation Programme (NDPP) (CDAC Pune-MICT)? |
| Arch Libraries | › Books and Delivery Act 1954 (Legal deposit)? |
| Libraries | › E-shodhSindhu Consortia (INFLIBNET-UGC-MHRD) |
| National Libraries | › National Digital Library of India (NDLI-IITK-MHRD) |
| National Library of India | |
| Publishing Industry | |
| Profession | |

Are you aware of these free Digital Libraries

- › NDLI <https://ndli.iitkgp.ac.in/>
- › Internet Archive <https://archive.org/>
- › Hathi Trust <https://www.hathitrust.org/>
- › Khan Academy <https://www.khanacademy.org/>
- › Global Digital Library <https://digitallibrary.org/>
- › World Digital Library <https://www.wdl.org/en/>
- › 20 Free Online Libraries for Students <https://bestessaywritingservice.org/blog/free-online-libraries/>
- › Open Library <https://openlibrary.org/>

64 Members of Faculty and 238 Students of SKCT attended the NPTEL Lecture Series on “**Now and Next: Post Covid-19 World for Digital Libraries**” delivered by Dr Parthim Das, Professor, IIT, Kharagpur and Prof. C Ramesh Gaur, Dean & Director on 14 May 2020.

STUDENTS' PARTICIPATION



MHRD Mega Online Challenge **SAMADHAN**

Certificate of Participation

This is to certify that **Ramprasath L S** from
Sri Krishna College Of Technology

was selected for round 1 in the COVID-19 SAMADHAN | MHRD Mega Online Challenge organised by MHRD's Innovation Cell, AICTE, Forge and InnovatioCuris from April 14th to 25th 2020. We appreciate your contribution and ideas towards solving the challenges posed by the pandemic.

Dr. Anil Sahasrabudhe
Chairman, AICTE,
MHRD, Govt. of India

Dr. Abhay Jere
Chief Innovation Officer,
MHRD, Govt. of India

Dr. Mohit Gambhir
Innovation Director,
MHRD, Govt. of India

Vish Sahasranamam
Cofounder & CEO,
Forge

Sachin Gaur
Cofounder & Director,
InnovatioCuris

Partners



Supported by



MHRD Mega Online Challenge **SAMADHAN**

Certificate of Participation

This is to certify that **Pr.Sivaraman** from
Sri Krishna College Of Technology

was selected for round 1 in the COVID-19 SAMADHAN | MHRD Mega Online Challenge organised by MHRD's Innovation Cell, AICTE, Forge and InnovatioCuris from April 14th to 25th 2020. We appreciate your contribution and ideas towards solving the challenges posed by the pandemic.

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Dr. Abhay Jere
Chief Innovation Officer,
MHRD, Govt. of India

Dr. Mohit Gambhir
Innovation Director,
MHRD, Govt. of India

Vish Sahasranamam
Cofounder & CEO,
Forge

Sachin Gaur
Cofounder & Director,
InnovatioCuris

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MHRD Mega Online Challenge SAMADHAN

Certificate of Participation

This is to certify that Asrith Raj from Sri Krishna College Of Technology was selected for round 1 in the COVID-19 SAMADHAN | MHRD Mega Online Challenge organised by MHRD's Innovation Cell, AICTE, Forge and InnovatioCuris from April 14th to 25th 2020. We appreciate your contribution and ideas towards solving the challenges posed by the pandemic.

 **Dr. Anil Sahasrabudhe**
Chairman, AICTE, MHRD, Govt. of India
  **Dr. Abhay Jere**
Chief Innovation Officer, MHRD, Govt. of India
  **Dr. Mohit Gambhir**
Innovation Director, MHRD, Govt. of India
  **Vish Sahasranamam**
Cofounder & CEO, Forge
  **Sachin Gaur**
Cofounder & Director, InnovatioCuris

Partners:  
 Supported by: 








MHRD Mega Online Challenge SAMADHAN

Certificate of Participation

This is to certify that Jaya Harish K from Sri Krishna College Of Technology was selected for round 1 in the COVID-19 SAMADHAN | MHRD Mega Online Challenge organised by MHRD's Innovation Cell, AICTE, Forge and InnovatioCuris from April 14th to 25th 2020. We appreciate your contribution and ideas towards solving the challenges posed by the pandemic.

 **Dr. Anil Sahasrabudhe**
Chairman, AICTE, MHRD, Govt. of India
  **Dr. Abhay Jere**
Chief Innovation Officer, MHRD, Govt. of India
  **Dr. Mohit Gambhir**
Innovation Director, MHRD, Govt. of India
  **Vish Sahasranamam**
Cofounder & CEO, Forge
  **Sachin Gaur**
Cofounder & Director, InnovatioCuris

Partners:  
 Supported by: 








MHRD Mega Online Challenge SAMADHAN

Certificate of Participation

This is to certify that Rahul S from Sri Krishna College Of Technology was selected for round 1 in the COVID-19 SAMADHAN | MHRD Mega Online Challenge organised by MHRD's Innovation Cell, AICTE, Forge and InnovatioCuris from April 14th to 25th 2020. We appreciate your contribution and ideas towards solving the challenges posed by the pandemic.

 **Dr. Anil Sahasrabudhe**
Chairman, AICTE, MHRD, Govt. of India
  **Dr. Abhay Jere**
Chief Innovation Officer, MHRD, Govt. of India
  **Dr. Mohit Gambhir**
Innovation Director, MHRD, Govt. of India
  **Vish Sahasranamam**
Cofounder & CEO, Forge
  **Sachin Gaur**
Cofounder & Director, InnovatioCuris

Partners:  
 Supported by: 














MHRD Mega Online Challenge SAMADHAN

Certificate of Participation

This is to certify that Sree Charan N from Sri Krishna College Of Technology was selected for round 1 in the COVID-19 SAMADHAN | MHRD Mega Online Challenge organised by MHRD's Innovation Cell, AICTE, Forge and InnovatioCuris from April 14th to 25th 2020. We appreciate your contribution and ideas towards solving the challenges posed by the pandemic.

 **Dr. Anil Sahasrabudhe**
Chairman, AICTE, MHRD, Govt. of India
  **Dr. Abhay Jere**
Chief Innovation Officer, MHRD, Govt. of India
  **Dr. Mohit Gambhir**
Innovation Director, MHRD, Govt. of India
  **Vish Sahasranamam**
Cofounder & CEO, Forge
  **Sachin Gaur**
Cofounder & Director, InnovatioCuris






Partners:  
 Supported by: 











MHRD Mega Online Challenge SAMADHAN

Certificate of Participation

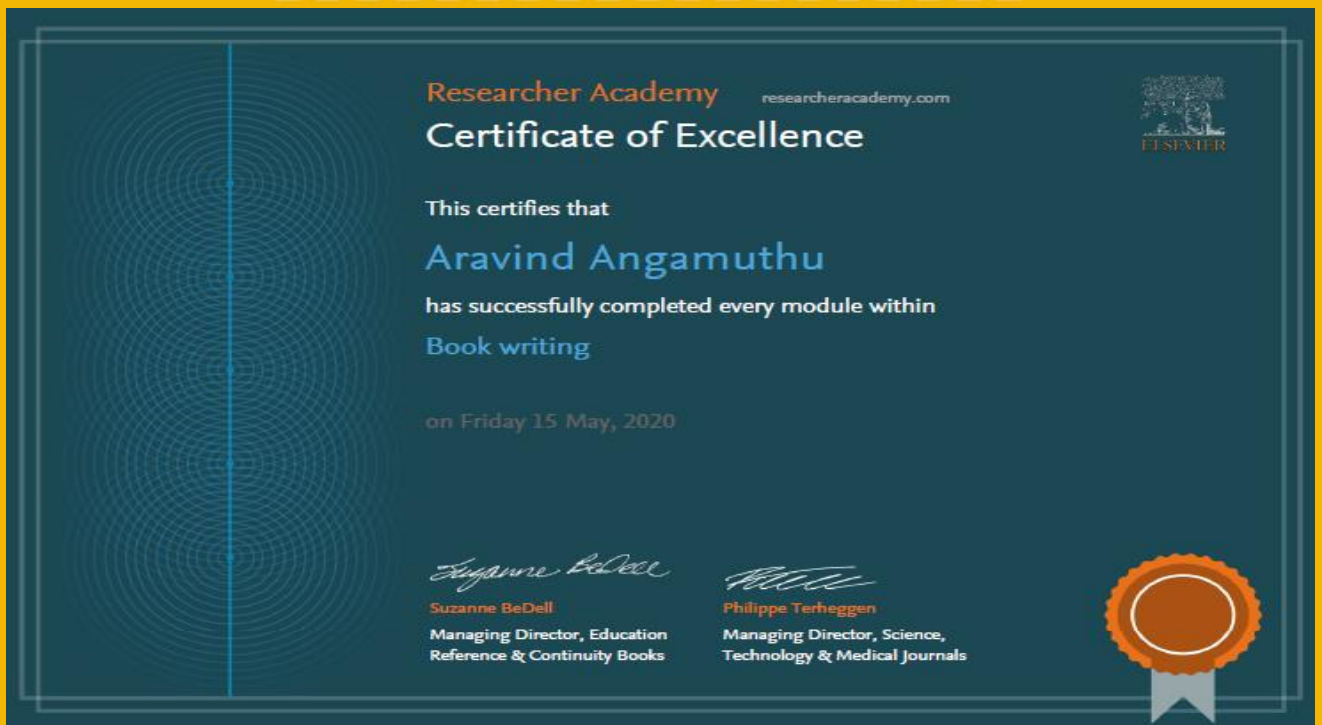
This is to certify that G.Krithik from Sri Krishna College Of Technology was selected for round 1 in the COVID-19 SAMADHAN | MHRD Mega Online Challenge organised by MHRD's Innovation Cell, AICTE, Forge and InnovatioCuris from April 14th to 25th 2020. We appreciate your contribution and ideas towards solving the challenges posed by the pandemic.

 **Dr. Anil Sahasrabudhe**
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Chief Innovation Officer, MHRD, Govt. of India
  **Dr. Mohit Gambhir**
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  **Vish Sahasranamam**
Cofounder & CEO, Forge
  **Sachin Gaur**
Cofounder & Director, InnovatioCuris

Partners:  
 Supported by: 

Mr Asrith Raj, Mr P R Sivaraman, Mr N Sreecharan, Mr K Jayaharish, Mr L S Ramprasath, Mr G Krithick and Mr S Rahul, students of Third Year B.E. Mechanical Engineering Class participated in the **MHRD Mega Online Challenge Samadhan** and we are indeed happy that they were shortlisted to represent SKCT for the First Round.

FACULTY PARTICIPATION



Mr T P A Aravind, Asst. Professor, Dept. of Civil Engineering completed a module on “**Discoverability : Top Tips to Get Your Book Out There**” in Elsevier - Researcher Academy Portal on 15 May 2020 and he has been awarded **Certificate of Excellence** for having completed all the modules under the topic “**Book Writing**”.



S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT & RESEARCH, NAGPUR

NAAC Accredited with 'A' Grade

One Week Online Faculty Development Program

On
"R"

Certificate



This is to certify that Mr. / Ms. / Prof. / Dr. **ABIRAMI SHANMUGAM**

has successfully participated from **SKCT, coimbatore**

in **One week online Faculty Development Program on "R"** organized by Department of Mechanical Engineering, S. B. Jain Institute of Technology, Management & Research, Nagpur in association with Spoken Tutorial Project, Indian Institute of Technology, Bombay from May 5th, 2020 to May 9th, 2020.


Prof. Amit Tajne
Convener

S. B. Jain Institute of Technology,
Management & Research, Nagpur

Certificate No.: MJITEM-CE000407

Date: 12-5-2020


Dr. Sanjay Badjate
Organizing Chair

S. B. Jain Institute of Technology,
Management & Research, Nagpur

Ms S Abirami, Asst. Professor, Dept. of EEE has been certified for having successfully attended the one-week Faculty Development Program on "R Programming" during 05-09 May 2020 conducted by IIT Bombay through Spoken Tutorial.



Bharati Vidyapeeth College of Engineering



(Permanently affiliated to Mumbai University, Approved by AICTE, New Delhi and NBA Accredited)
Sector-7, CBD, Belapur, Near Kharghar Railway Station, Navi Mumbai-400614. www.bvcoenm.edu.in

CERTIFICATE OF APPRECIATION

This certificate declares that

Mr/Mrs/Dr/Prof. M. DEVA PRIYA

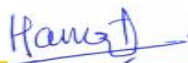
of **Sri Krishna College of Technology**
has successfully completed online

Faculty Program on NBA

on 5/14/2020, with a passing score of 100%

organized by **Bharati Vidyapeeth College Of Engineering, Navi Mumbai-400614.**

Certificate ID T3IWHA-CE006132


Prof. H. B. Sale
Coordinator


Dr. S. D. Jadhav
Principal

Dr M Deva Priya, Asso. Professor, Dept. of CSE participated in the Online "Faculty Program on NBA" organized by Bharati Vidyapeeth College of Engineering, Navi Mumbai on 14 May 2020.



Velammal Engineering College

(An Autonomous Institution, Affiliated to Anna University)

Department of Information Technology



Certificate of Participation

This is to certify that

Dr/Mr/Ms ROOPA V of Sri Krishna College of Technology has

participated in the "Webinar on Virtual & Augmented Reality in Industry 4.0" on 14.05.2020 conducted by the Department of Information Technology, Velammal Engineering College, Chennai.

Mr.K.R.Vijayarajan
CEO
MAX - METICULOUS ACADEMY OF XCELLENCE
Presenter

Department of Information Technology
Convenor and Coordinators

This is an e-Certificate. No authorized signature is needed

Ms V Roopa, Asst. Professor, Dept. of IT participated in the Webinar on "Virtual & Augmented Reality in Industry 4.0" conducted by Velammal Engineering College, Chennai on 14 May 2020.



SANDIP
FOUNDATION

Certificate No. APTYT2170



AppTronix
Technologies
Let's be Innovative

CERTIFICATE Of PARTICIPATION

This Certificate is presented to

Jeyabharathi D

of

Sri Krishna College of Technology

for participating in **7 Days Course on Android Apps Development** conducted by **Apptronix Technologies** in collaboration with **Sandip Institute Of Engineering & Management - Nashik – Maharashtra** from **4th May 2020 to 10th May 2020**

Amit

Prof Amit Kumar Mishra
Convener & Asst Prof
E & TC SIEM
Sandip Foundation Nashik

Yogesh

Prof Yogesh Risodkar
HOD E & TC SIEM
Sandip Foundation
Nashik - Maharashtra

Patil

Dr. Dipak Patil
Principal SIEM
Sandip Foundation
Nashik - Maharashtra

Umang

Er. Umang Kejriwal
Director
Apptronix Technologies
Noida – Delhi NCR

Dr D Jeyabharathi, Asst. Professor, Dept. of IT participated in the "7 Days Course on Android Apps Development" during 04-10 May 2020 conducted by Apptronix Technologies in collaboration with Sandip Institute of Engineering & Management , Nashik, Maharashtra.

Sr. No.1080



ELSEVIER



सत्यमेव जयते

**Government of India
Ministry of Human Resource
Development**



**FACULTY DEVELOPMENT CENTRE
KURUKSHETRA UNIVERSITY, KURUKSHETRA
IN COLLABORATION WITH**



ELSEVIER

(Under the Aegis of PMMMNMTT, MHRD, Govt. of India)



Certificate of Participation

This is to certify that **Dr Jeyabharathi D, Information Technology, Sri Krishna College of Technology, Coimbatore** participated in the One day webinar on *"Enhancing Research Effectiveness using Scopus, Sciencedirect and Mendeley"* for the Faculty of Universities/Colleges/Institutes on 01.05.2020.

Kurukshetra
Dated: 01.05.2020

Dr. Taruna C. Dhall
Programme Coordinator

Dr. Neera Verma
Project Coordinator

Dr. Nita Khanna
Vice-Chancellor

Dr D Jeyabharathi, Asst. Professor, Dept. of IT participated in the one-day Webinar on **"Enhancing Research Effectiveness Using Scopus, Sciencedirect and Mendeley"** conducted by Kurukshetra University, Kurukshetra in collaboration with Elsevier on 05 May 2020.

Reference Number: GGI/MIC/2020/12868

CERTIFICATE OF MERIT



This is to certify that
Dr. P PONMURUGAN

From

SRI KRISHNA COLLEGE OF TECHNOLOGY, COIMBATORE

Has actively participated and secured

All India Rank: 2

In online quiz competition on Design Thinking for Hardware

Innovation and

Leadership Talk Series: Learn from Leaders

**With Dr. Pankaj Pararsar, CEO/Founder Cuttingedge Technology
Pvt. Ltd, Indore**

Held on

8th May, 2020

Organized By

**MHRD's Institution Innovation Council
Gulzar Group of Institutes, Ludhiana**



Convener



Director

Dr P Ponmurugan, Asst. Professor, Dept. of EEE has been certified for having participated and secured the All India Rank 2 in Online Quiz Competition on “**Design Thinking for Hardware Innovation and Leadership Talk Series: Learn from Leaders**” organized by MHRD's Institution Innovation Council, Gulzar Group of institutes, Ludhiana held on 08 May 2020.



IEEE PES STUDENT BRANCH
DEPARTMENT OF ELECTRICAL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY CALICUT



Certificate of Participation

This is to certify that
Dr.K. Gaayathry
has participated in the Series of Technical Discussions titled
"INDUSTRY CONNECT 2020" organized by IEEE PES Student Branch,
National Institute of Technology Calicut, conducted on various days from
25th April 2020 to 05th May 2020 as part of
PES DAY 2020 Celebrations.


Dr. Ashok S
PROFESSOR, EED, NITC
& BRANCH ADVISOR, IEEE PES SB




Dr. Kumaravel S
ASSISTANT PROFESSOR, EED
& BRANCH COUNSELLOR, IEEE PES SB



IEEE PES STUDENT BRANCH
DEPARTMENT OF ELECTRICAL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY CALICUT



Certificate of Participation

This is to certify that
Manimegalai V
has participated in the Series of Technical Discussions titled
"INDUSTRY CONNECT 2020" organized by IEEE PES Student Branch,
National Institute of Technology Calicut, conducted on various days from
25th April 2020 to 05th May 2020 as part of
PES DAY 2020 Celebrations.


Dr. Ashok S
PROFESSOR, EED, NITC
& BRANCH ADVISOR, IEEE PES SB




Dr. Kumaravel S
ASSISTANT PROFESSOR, EED
& BRANCH COUNSELLOR, IEEE PES SB

Dr K Gaayathry and Ms V Manimegalai, Asst. Professors, Dept. of EEE have been certified for having successfully attended the INDUSTRY CONNECT 2020 - Virtual Technical Discussion by Experts focusing on **"Latest Trends and Technologies in Power"**. The event was organized by IEEE PES NITC SB in association with the Industrial Power Group from 25 April 2020 to 05 May 2020 as part of the 3rd IEEE PES DAY 2020 Online Educational Activities.



Saylor Academy awards

Mr. S. Nagakumararaj Asst Prof EEE

this certificate of achievement for

CS402: Computer Communications and Networks



May 13, 2020

Issue Date

18103003

Certificate ID

Mr S Nagakumararaj, Asst. Professor, Dept. of EEE has been certified for having successfully completed the Online Certification Course on "**Computer Communication and Networks**" through Saylor Academy, on Online MOOC Platform.

Tangible efforts for Human Values in Technical Education



Policy

Induction Program Cell (IPC) at AICTE
 SIP (UHV-I) and UHV-II in Model Curriculum
 Approval Process Handbook 2020-21 (pp 164 and 310)

Enablement

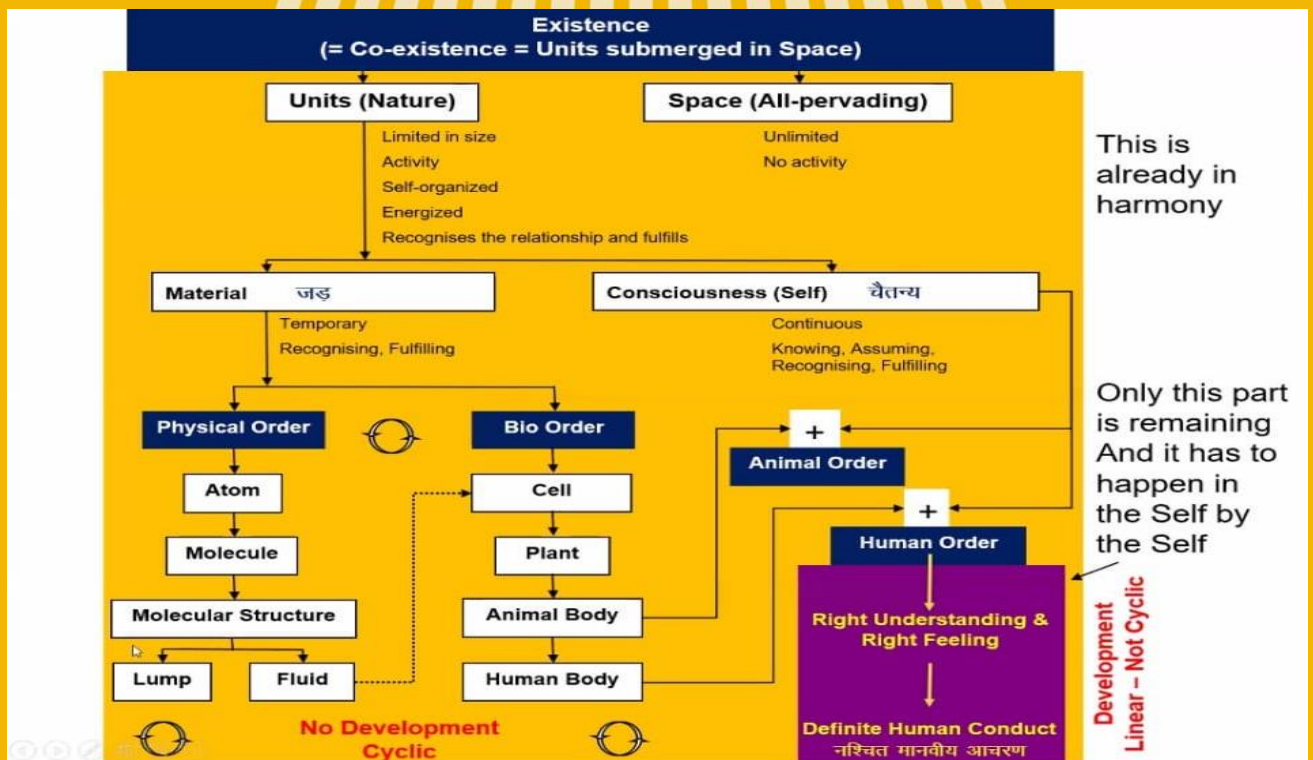
3-day FDP-SI throughout the year (for orientation)
 8-day FDPs during the summer and winter break
 (AICTE will bear the cost of boarding and lodging of participants)

AICTE will provide certificates to successful participants
 (such faculty members may teach UHV-I and UHV-II)

Recognition

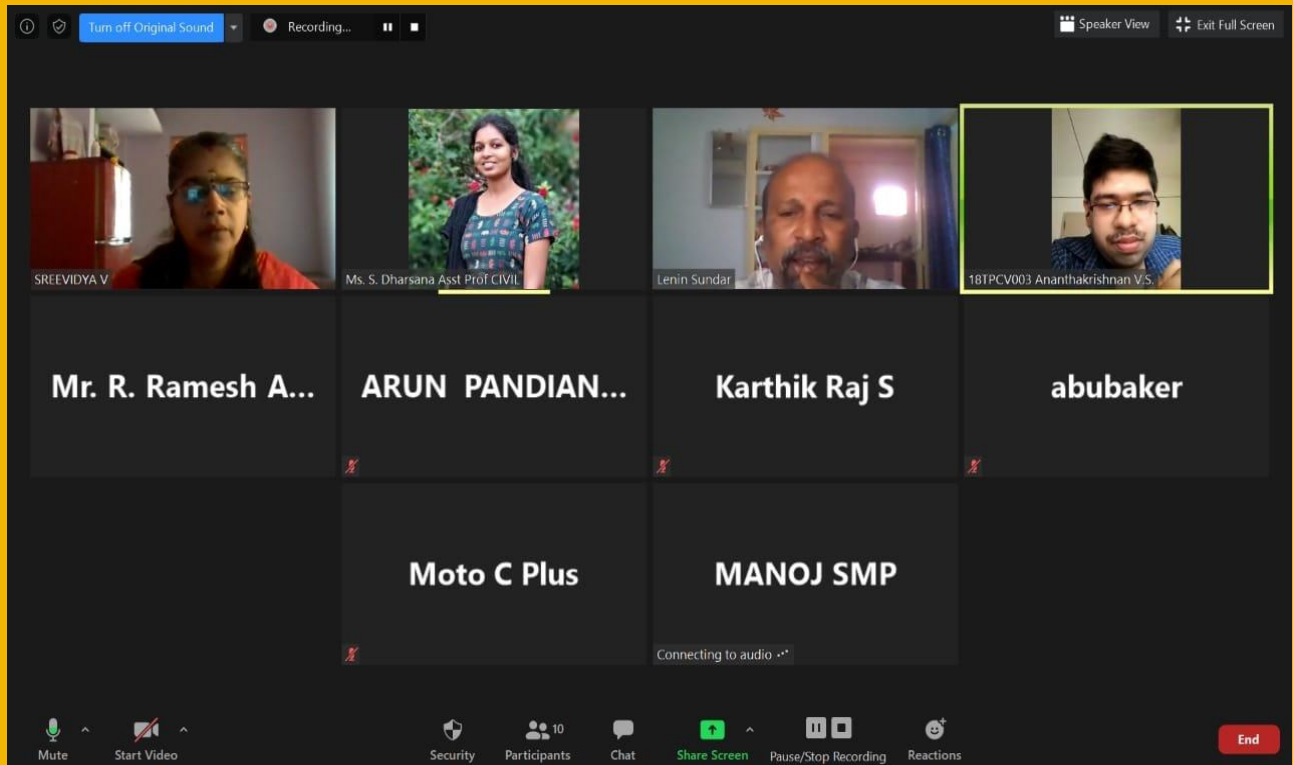
AICTE will duly recognise efforts in this direction by

- Individual faculty members
- Colleges and
- Universities



Members of Faculty, Dept. of ECE attended the fifth day of the five-day Online Workshop on “Incorporating Universal Human Value in Technical Education for VC’s, Directors, Deans and UHV conveners” organized by AICTE and hosted by Anna University on 15 May 2020.

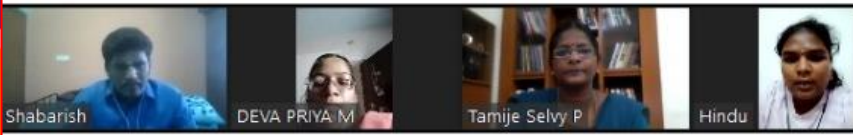
MEETINGS & DISCUSSIONS



LITERATURE REVIEW

Author	Year	Title	Content
Vanchai Sata , Ampol Wongsa , Prinya Chindaprasirt	2013	Properties of pervious geopolymer concrete using recycled aggregates	In this paper, we come across the preparation of pervious geopolymer concrete . It was prepared from high calcium fly ash, sodium silicate and sodium hydroxide solution .

Dr M Lenin Sundar, Professor and Dr V Sreevidya, Asso. Professor, Dept. of Civil Engineering conducted the “**Project Work Phase - II**” Viva-Voce for the Second Year M.E. Structural Engineering Students via Zoom on 15 May 2020.



- Participants (6)
- NG NIVEDHITHA G (Host, me)
 - S Shabarish
 - D DEVA PRIYA M
 - H Hindu
 - SI Sugapriya Iphone7
 - TS Tamije Selvy P

Feature extraction	Image 1	Image 2	Image 3
Statistical	6.165	1.092	6.628
Texture	2.13	1.67	2.179
Shape	1.046	3.086	5.66

ANALYSIS OF FEATURE EXTRACTION USING THREE CT IMAGES



INPUT IMAGE



The Size Of Image Is 256*256

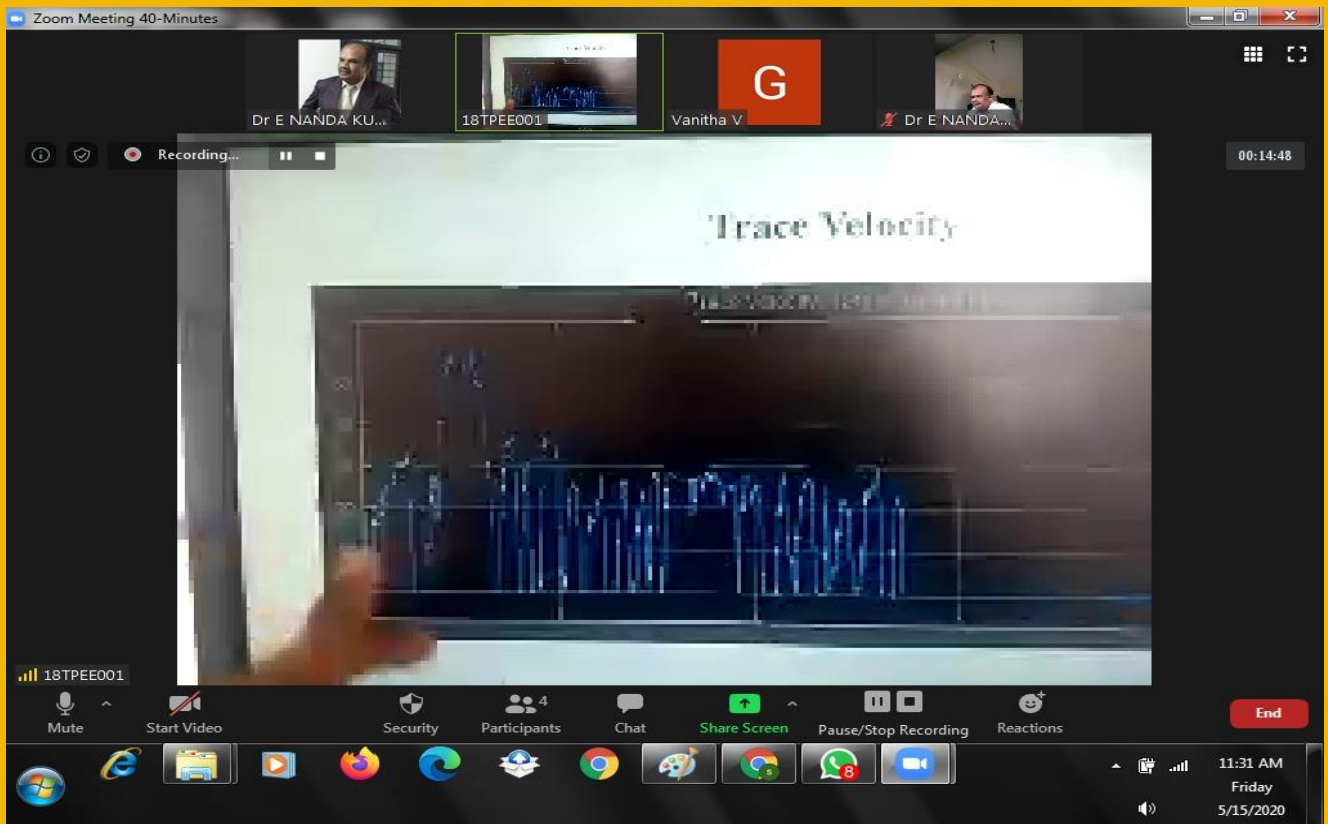
The fig shows a input images of CT images of skin lesion. skin lesion detection using adaptive regularized kernel based fuzzy algorithm.

The lowest level of abstraction which aims to improve the quality of imaging data.

Outliers such as noise can be removed and subjected for further processing.



The Dept. of CSE conducted the **Phase II Project Review** for II M.E. CSE students through Zoom on 15 May 2020. Dr P Tamije Selvy, Professor and Dr M Deva Priya, Asso. Professor, Dept. of CSE conducted the Project Review as the Internal and External Examiners



The **Project Phase II Viva-Voce** has been conducted for the Second Year M.E. Power System Engineering students by Dr V Vanitha, and Mr E Nandakumar, Asso. Professors, Dept. of EEE as Internal and External Examiners respectively through Zoom on 15 May 2020.

INTERNATIONAL DAY OF FAMILIES

In 1993, the General Assembly decided that 15 May of every year should be observed as **The International Day of Families**. This day provides an opportunity to promote awareness of issues relating to families and to increase the knowledge of the social, economic and demographic processes affecting families.

This year comes at a time of one of the most challenging global health and social crises. The 2020 COVID-19 pandemic brings into sharp focus the importance of investing in social policies protecting the most vulnerable individuals and families. It is the families which bear the brunt of the crisis, sheltering their members from harm, caring for out-of-school children and, at the same time, continuing their work responsibilities. As the world struggles to respond to the COVID-19 crisis, there is a real opportunity to rethink and transform the way our economies and societies function to foster greater equality for all.

