



TEQIP III SPONSORED
WORKSHOP/ CLASSES
CONDUCTED UNDER THE TWINNING
ARRANGEMENT BETWEEN PONDICHERRY
ENGINEERING COLLEGE, PUDUCHERRY
&
INSTITUTE OF ENGINEERING AND TECHNOLOGY,
LUCKNOW



Twinning programme was organised between Pondicherry Engineering College, Puducherry & Institute of Engineering and Technology, Lucknow. Details like Faculty, Schedule, google links etc for various technical lectures between electronics & communication department Institute of engineering and technology Lucknow and Pondicherry Engineering College, Puducherry for faculties and students under TEQIP III twinning activity are given as follows.

Department	Faculty	Date and time	Google meet link, YouTube link	Topic
Electronics and Communication Engineering	Dr. Nithyanandam ECE, PEC	08/02/2021 10:00AM	http://meet.google.com/poz-agyr-zuh	Challenges in 5G and beyond in communication system
Electronics and Instrumentation Engineering	Dr. Hema kumar EIE, PEC	09/02/2021 10:00AM	https://meet.google.com/mxh-vnof-ddy https://youtu.be/SceDtQ6quzw	Transforming students from job seekers to job givers
Electronics and Communication Engineering	Dr. Gnanou Florene Sudha ECE, PEC	10/02/2021 10:00AM	http://meet.google.com/wgp-ndiq-pnc https://youtu.be/0uztg8TLD3M	Digital filter image processing
Electronics and Instrumentation Engineering	Dr. Hema kumar EIE, PEC	11/02/2021 03:00 PM	https://meet.google.com/tbt-mnbh-qsi https://youtu.be/W5672CaUz1g	IoT based instrument control

1. Department of Electronics and Communication Engineering, Institute of Engineering and Technology, Lucknow

Department	Faculty	Date and time	Google meet link, YouTube link	Topic
Electronics and Communication Engineering	Dr.Rajeev Kumar Singh, ECE, IET	06/02/2021 10:00AM	https://meet.google.com/dfb-vwea-zwf	National scenario of development of microwave devices
Electronics and Communication Engineering	Dr. Neelam Srivastava, ECE, IET	11/02/2021 10:00AM	https://meet.google.com/xgh-kkfb-wwa https://youtu.be/7uGBOPGGMok	Cognitive radio network for 5G
Electronics and Instrumentation Engineering	Dr. RCS Chauhan,EIE, IET	12/02/2021 04:00PM	https://meet.google.com/tou-ukkb-poi https://youtu.be/Srz-cYPiq4o	Digital filter
Electronics and Instrumentation Engineering	Dr. Subodh Wairya,EIE ,IET	13/02/2021 10:00AM	https://meet.google.com/kgs-pxkb-vaw	Advance digital circuit design



Welcome in IETL series



Challenges in 5G and beyond in mobile Communication system

Presented By:



Dr. L. Nithyanandan

Department of Electronics &
Communication Engineering

Pondicherry Engineering College, Puducherry

[Department of Electronics & Communication Engineering, Institute of Engineering and Technology, Lucknow]



Welcome in IETL series



Transforming students from job seekers to job givers

Date-9-02-2021

Time-10AM

Presented By:



Dr. B. Hema Kumar

Department of Electronics & Instrumentation Engineering,

Pondicherry Engineering College, Puducherry

[Department of Electronics & Communication Engineering, Institute of Engineering and Technology, Lucknow]

3. Department of Electronics and Communication Engineering, Institute of Engineering and Technology, Lucknow

Facilitators

Developing the natural gifts of curiosity and high-level thinking

ANURAG YADAV has left the meeting

Meeting details ^

TELE 3.0 is presenting

Participants: TELE 3.0, Neelam Srivastava, Abhijeet Singh, MOHIT SHUKLA, ashish kumar rao, Subodh Wariya, Dr Ram Chandra Sing..., Sivaradje Gopalakris..., sushil gupta

Results

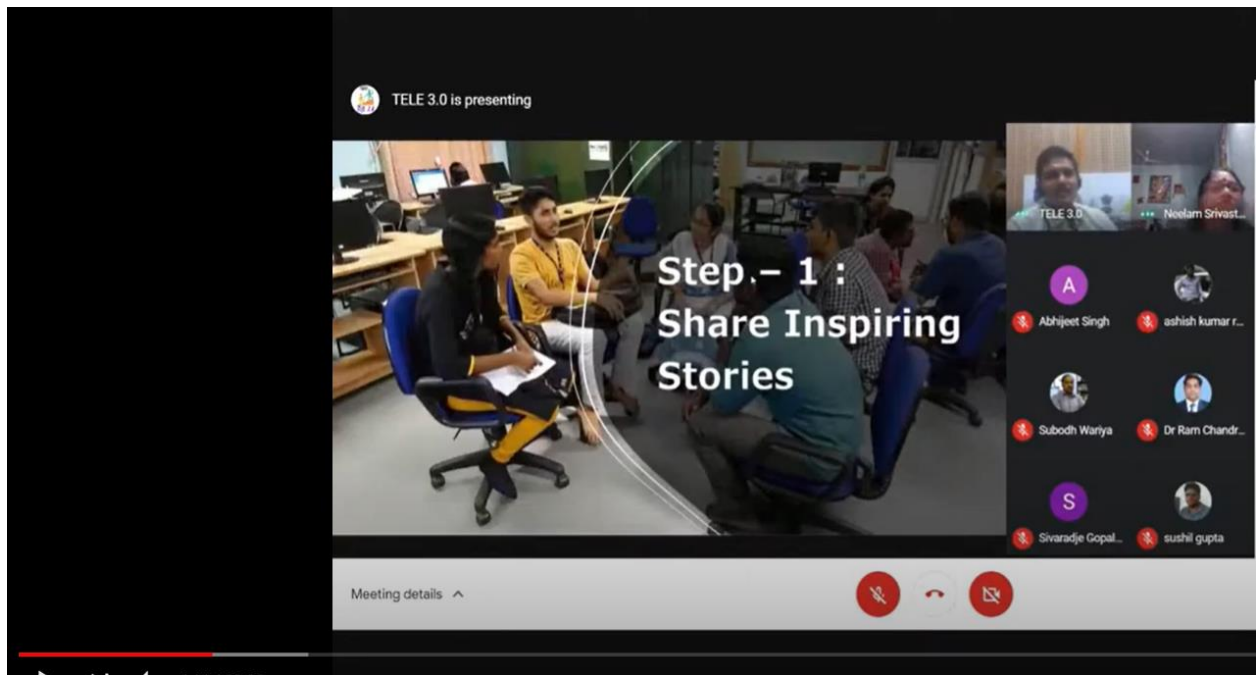
- In kindergarten, 98% of students scored at genius level in divergent thinking.
- By the age of 10 years old, only 32% of the same group scored as high, and
- By age 15, only 10% remained at genius level.

Are you talking? Your mic is off. Click the mic to turn it on.

Meeting details ^

TELE 3.0 is presenting

Participants: TELE 3.0, Neelam Srivastava, Abhijeet Singh, ANURAG YADAV, ashish kumar rao, Subodh Wariya, Dr Ram Chandra Sing..., Sivaradje Gopalakris..., sushil gupta





Welcome in IETL series



Dated : 10 Feb, 2021
Time : 10:00 AM to 11:00 AM

Digital Filters in Image Processing

Take Part in:

- ❖ All ECE students.
- ❖ All M. Tech. Scholars.
- ❖ Ph.D. Scholar.
- ❖ Faculties.

Presented By:

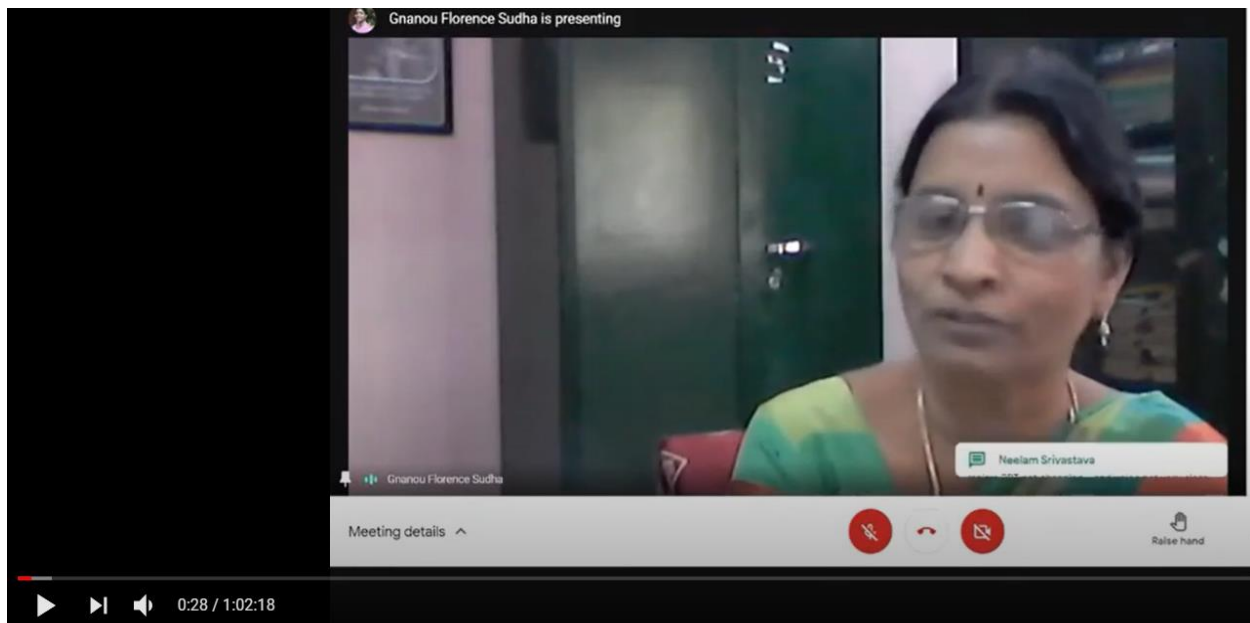


Dr. GNANOU FLORENCE SUDHA

Professor & Head

Department of Electronics & Communication Engineering,
Pondicherry Engineering College, Puducherry

[Department of Electronics & Communication Engineering, Institute of Engineering and Technology, Lucknow]



Lecture by Dr. GNANOU FLORENCE SUDHA, Professor and Head ,ECE Dept. PEC Puducherry India.

The screenshot shows a video player interface. The main content is a presentation slide titled "Image Model - EYE". The slide contains the following text:

- $f(x,y)$ can be characterized by two components
 - illumination, $i(x,y)$
 - Reflectance, $r(x,y)$
- $f(x,y) = i(x,y) \cdot r(x,y)$
- $0 < i(x,y) < \infty$: $0 < r(x,y) < 1$

To the right of the text is an illustration of a human eye. The video player interface includes a progress bar at the bottom showing 13:50 / 1:02:18, and a meeting details bar above it with icons for mute, video, and chat.

Lecture by Dr. GNANOU FLORENCE SUDHA, Professor and Head ,ECE Dept. PEC Puducherry India.



Welcome in IETL series



IoT based Instrument control

Join with Link: <https://meet.google.com/tbt-mnbh-qsi>

Or YouTube Link:

<https://www.youtube.com/watch?v=W5672CaUz1g>

Date 11-02-2021

Time 3 PM

Take Part in:

- ❖ EC/EI students.
- ❖ M. Tech. Scholars.
- ❖ Ph.D. Scholar.
- ❖ Faculties.

Presented By:

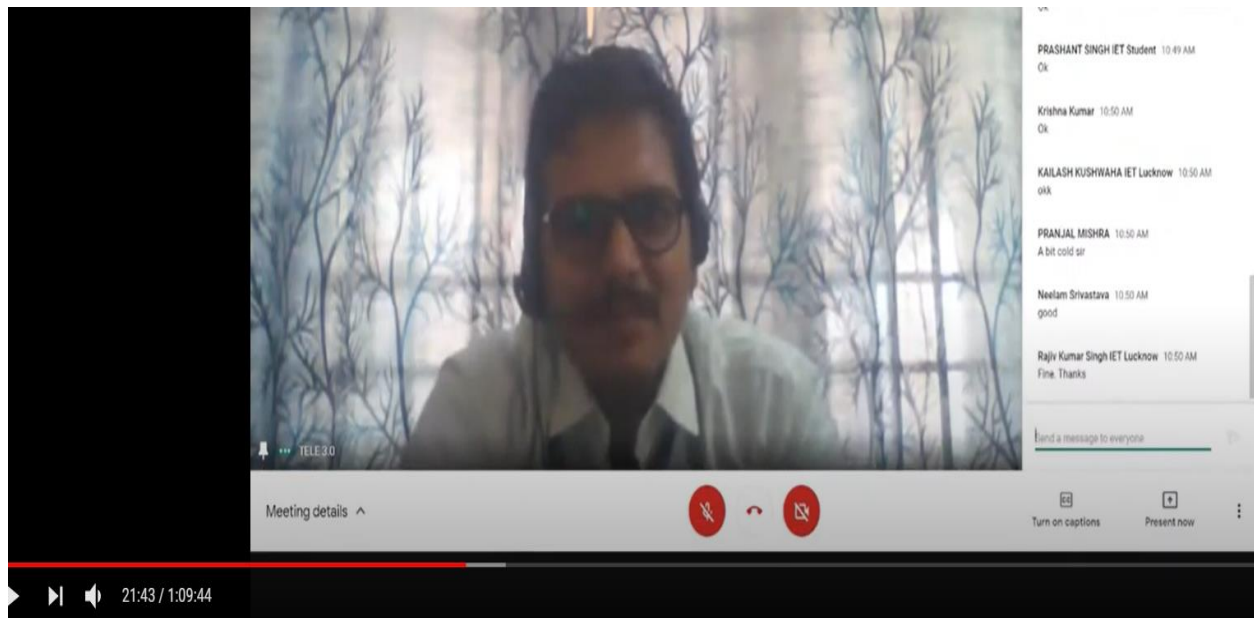


Dr. B. Hema Kumar

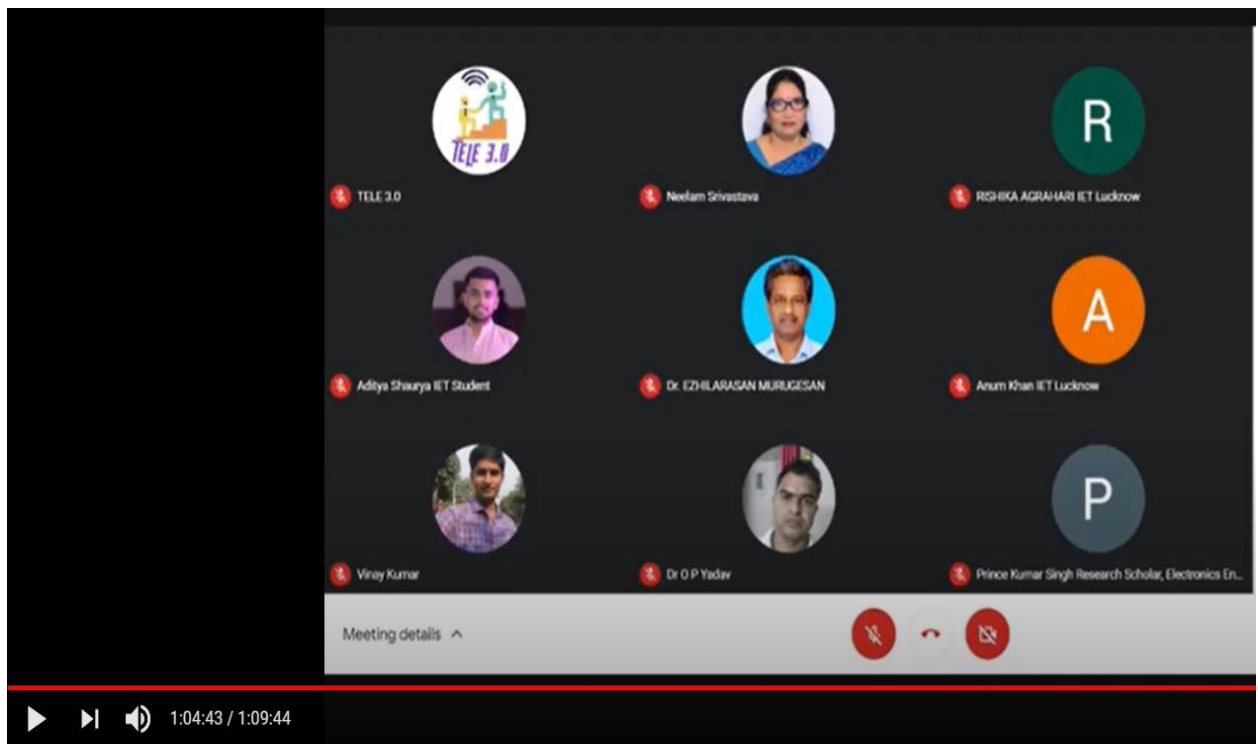
Professor

Department of Electronics & Instrumentation Engineering,
Pondicherry Engineering College, Puducherry

[Department of Electronics & Communication Engineering, Institute of Engineering and Technology, Lucknow]



IoT based Instrument control | Special Lecture | by Dr. B. Hema Kumar, Prof., EIE, PEC Puducherry.



IoT based Instrument control | Special Lecture | by Dr. B. Hema Kumar, Prof., EIE, PEC Puducherry.



Welcome in IETL series

National Scenario of Development of Microwave Devices

Join with Link:

<https://meet.google.com/dfb-vwea-zwf>

Dated : 06 Feb, 2021

Time : 10:00 AM

Take Part in:

- ❖ M. Tech. Scholars.
- ❖ Ph.D. Scholar.
- ❖ Faculties.

Presented By:



Dr. Rajiv Kumar Singh

Assistant Professor

Department of Electronics & Communication Engineering,
Institute of Engineering and Technology, Lucknow

[Department of Electronics & Communication Engineering, Institute of Engineering and Technology, Lucknow]



Welcome in IETL series



Cognitive Radio Networks for 5G

Join with Link:
<https://meet.google.com/xgh-kkfb-wwa>

Date: 11 Feb, 2021
Time : 10:00 AM to 11:00 AM

Take Part in:

- ❖ Faculties.
- ❖ ECE Student
- ❖ M. Tech. Scholars.
- ❖ Ph.D. Scholar.

Presented By:



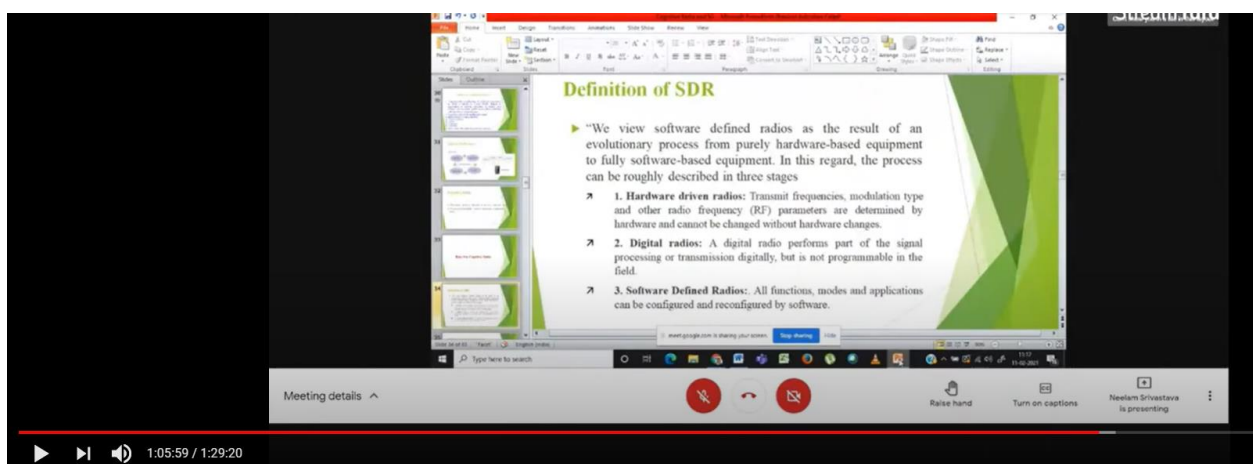
Dr. Neelam Srivastava
Professor & Head

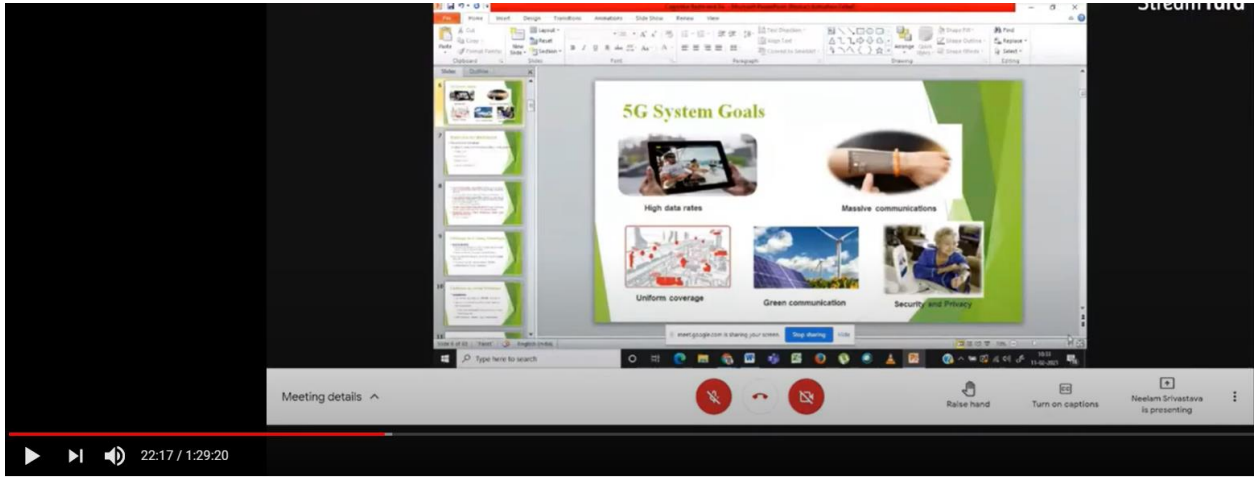
Department of Electronics & Communication Engineering,
Institute of Engineering and Technology, Lucknow

[Department of Electronics & Communication Engineering, Institute of Engineering and Technology, Lucknow]



Cognitive Radio Networks for 5G | Special Lecture | by Dr. Neelam Srivastava, Prof. & Head, ECD





Cognitive Radio Networks for 5G | Special Lecture | by Dr. Neelam Srivastava, Prof. & Head, ECD



Digital filter

Join with Link:

<https://meet.google.com/tou-ukkb-poi>

Date: 12 Feb, 2021
Time : 04:00 PM

Take Part in:

- ❖ Faculties.
- ❖ ECE Student
- ❖ M. Tech. Scholars.
- ❖ Ph.D. Scholar.



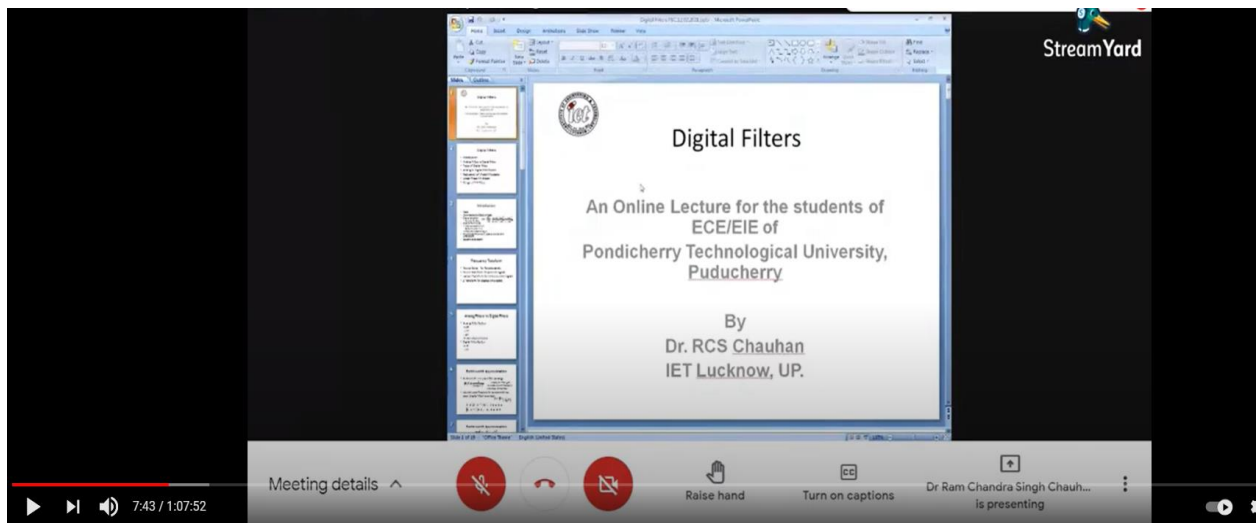
Presented By:

Dr. RCS Chauhan,
Associate professor

Department of Electronics & Communication Engineering,
Institute of Engineering and Technology, Lucknow

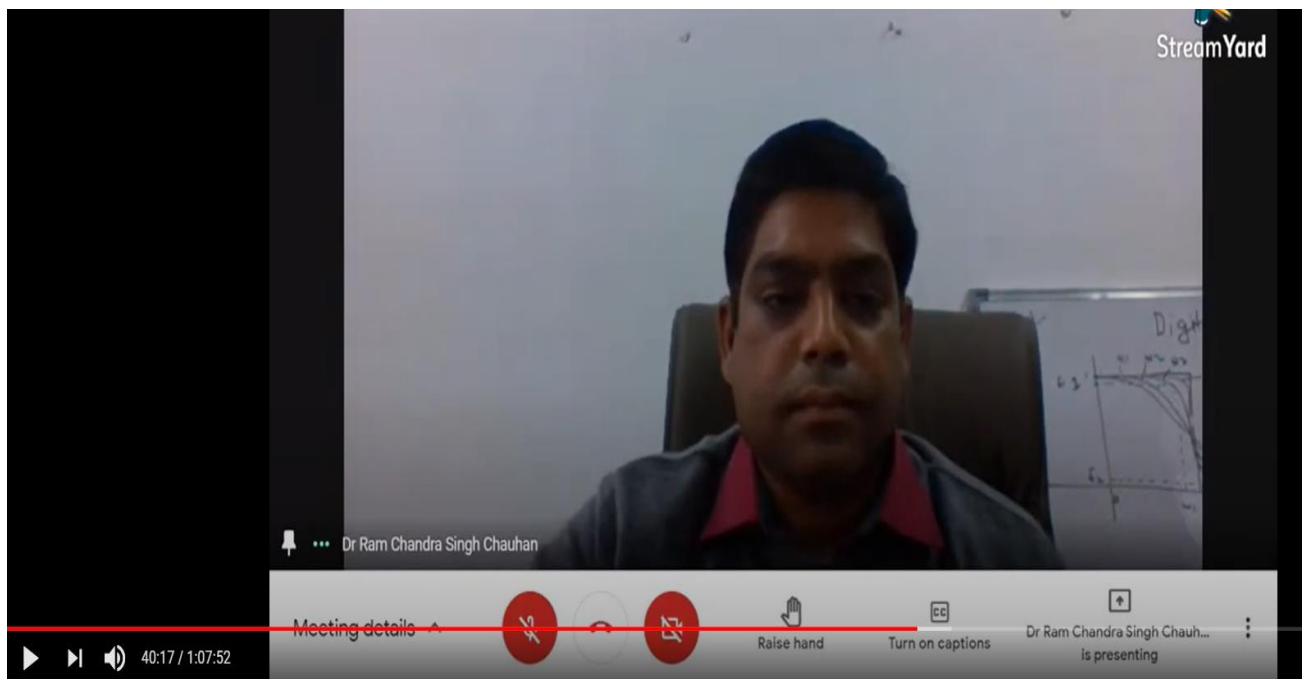
[Department of Electronics & Communication Engineering, Institute of Engineering and Technology, Lucknow]

12. Department of Electronics and Communication Engineering, Institute of Engineering and Technology, Lucknow



Digital Filter | Special Lecture |by Dr. Ram Chandra Singh Chauhan, Asso. Prof., ECD , IET, Lucknow.

Live chat replay was turned off for this video.



Digital Filter | Special Lecture |by Dr. Ram Chandra Singh Chauhan, Asso. Prof., ECD , IET, Lucknow.

Live chat replay was turned off

13. Department of Electronics and Communication Engineering, Institute of Engineering and Technology, Lucknow

StreamYard



FIR Filters

- Rectangular Window $w(n) = 1, 0 \leq n \leq N-1$
- Bartlett Window $w(n) = \begin{cases} \frac{2n}{N-1}, & 0 \leq n \leq \frac{N-1}{2} \\ 2 - \frac{2n}{N-1}, & \frac{N-1}{2} < n \leq N-1 \end{cases}$
- Hanning Window $w(n) = \frac{1}{2} \left(1 - \cos\left(\frac{2\pi n}{N-1}\right) \right), 0 \leq n \leq N-1$
- Hamming Window $w(n) = 0.54 - 0.46 \cos\left(\frac{2\pi n}{N-1}\right), 0 \leq n \leq N-1$
- Blackman Window $w(n) = 0.42 - 0.05 \cos\left(\frac{2\pi n}{N-1}\right) + 0.08 \cos\left(\frac{4\pi n}{N-1}\right), 0 \leq n \leq N-1$


Meeting details: 1:01:15 / 1:07:52

Dr. Ram Chandra Singh Chauhan is presenting

Digital Filter | Special Lecture | by Dr. Ram Chandra Singh Chauhan, Asso. Prof., ECD, IET, Lucknow.

Welcome in IETL series



Advance Digital Circuit Design

Join with Link:

<https://meet.google.com/kgs-pxkb-vaw>


Dated : 13 Feb, 2021

Time : 10:00 AM

Take Part in:

- ❖ Faculties.
- ❖ M. Tech. Scholars.
- ❖ Ph.D. Scholar.

Presented By:



Dr. Subodh Wairya

Professor

Department of Electronics & Communication Engineering,
Institute of Engineering and Technology, Lucknow

[Department of Electronics & Communication Engineering, Institute of Engineering and Technology, Lucknow]