



POORNIMA

COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

A Report on 6-days Short Term Training Program

- ♦ **TITLE AND DURATION:** “Artificial Intelligence & 5G Communication Technology” from October 5-10, 2020.
- ♦ **SPONSORS:** AICTE Quality Improvement Scheme (AQIS)
- ♦ **SUPPORTERS:** Nil.
- ♦ **ORGANIZERS:** Department of Electronics & Communication Engineering, Poornima College of Engineering, Jaipur.
- ♦ **OBJECTIVES:** The objective of general AI is to design a system capable of thinking for itself just like humans do. Currently, general AI is still under research, and efforts are being made to develop machines that have enhanced cognitive capabilities.
- ♦ **EXPECTED OUTCOMES:**
 1. Evaluate the advantages, disadvantages, challenges, and ramifications of human–AI augmentation.
 2. Design and develop symbiotic human–AI systems that balance the information processing power of computational systems with human intelligence and decision making.
 3. Explain the benefits, limitations, and tradeoffs of designing engaging and ethical conversational user interactions, including those supported by chatbots, smart speakers, and other AI-driven, voice-based technologies.
 4. Design and evaluate conversational interfaces for different users and contexts of use.

◆ BROCHURE / POSTER / LEAFLET / FLYER:



Six Days Short Term Training Programme (STTP) under AICTE-AQIS
on
**Artificial Intelligence and
5G Communication Technology**
October 5-10, 2020



Department of Electronics & Communication Engineering, Poornima College of Engineering
Cordially invite you to Inaugural Session

Resource Persons

 <p>Prof. R. P. Yadav Chief Guest Professor-HAG, MNIT Jaipur</p>	 <p>Dr. Meghendra Sharma Guest of Honor Secretary, Vigyan Bharti, Rajasthan</p>	 <p>Dr. Mahesh M. Bunde Director & Principal PCE, Jaipur</p>	 <p>Ar. Rahul Singh Director Poornima Group, Jaipur</p>	 <p>Mr. Pankaj Dhemia Vice Principal PCE, Jaipur</p>
 <p>Dr. Ayan Kumar Bandyopadhyay Principal Scientist CEERI, PILANI</p>	 <p>Dr. T. Rama Rao Professor & Head, SRM University, Chennai</p>	 <p>Dr. Yogesh Trivedi Professor Nirma University, Ahmedabad</p>	 <p>Dr. Amit Ganatra DEAN, FTE CHARUSAT, Gujarat</p>	 <p>Dr. Ajay Khuntia Associate Professor Dept. of ECE, RTU Kota</p>
 <p>Dr. Neetesh Purohit Associate Professor IIT Allahabad</p>	 <p>Dr. Sanyog Rawat Senior Associate Professor SEEC, Manipal University Jaipur</p>	 <p>Dr. Meenakshi Awasthi Associate Professor AKGEC, Ghaziabad</p>	 <p>Dr. Shashi Shekhar Jha Assistant Professor IIT Ropar</p>	 <p>Dr. Sudhir Kumar Assistant Professor IIT Patna</p>
 <p>Dr. Pushendra Singh Assistant Professor NIT Hamirpur</p>	 <p>Dr. Amit Singhal Assistant Professor, Bennett University, Greater Noida</p>	 <p>Mr. Chandragopal Jaiswal Application Engineer CST, Jyoti Electronics, India</p>	 <p>Mr. Sanjay Kumar Trainer and Consultant, NanoCell Networks Pvt. Ltd</p>	 <p>Raghu Manohar Adusumilli Technical Development Engineer INTEL India Maker Lab</p>
 <p>Dr. Garima Mathur Prof. & HOD ECE, PCE</p>	<p>Monday, October 05, 2020, • Time: 9.30 AM onward</p> <p>To join the Inaugural Session on</p> <p> Google Meet</p>			 <p>Dr. Payal Bansal Coordinator, STTP</p>


POORNIMA
COLLEGE OF ENGINEERING

Affiliated to RTU, Kota Approved by AICTE & UGC under 2(f) Accredited by NBA

Department of Electronics & Communication Engineering

First AICTE-AQIS Sponsored Short Term Training Program (STTP) on Artificial Intelligence and 5G Communication Technology from October 05-10, 2020

Technology from October 05-10, 2020				
	9:30 AM	10:00 AM 11:30 AM	11:45 AM 01:15 PM	02:00 PM 03:30 PM
Monday (5.10.20)	Inaugural Session Chief Guest: Prof. R. P. Yadav, Professor-HAG, MNIT, Jaipur	5G Communication Technology Prof. R. P. Yadav, Professor-HAG, MNIT, Jaipur	5G Technologies & Beyond - An Overview Dr. Ayan Kumar Bandyopadhyay, Principal Scientist, CEERI, PILANI	Electromagnetic Simulation of 5G Applications with CST MWS Mr. Chandragopal Jaiswal, Application Engineer, CST, Jyoti Electronics, India
Tuesday (6.10.20)		Role of Image Processing in 5G Communications and Beyond Dr. Amit Singhal, Assistant Professor, Bennett University, Greater Noida	Millimeter Waves for 5G Communications Prof. Dr. T. Rama Rao, Professor & Head, SRM Institute of Science & Technology, Chennai	Electromagnetic Simulation of 5G Applications with CST MWS Mr. Chandragopal Jaiswal, Application Engineer, CST, Jyoti Electronics, India
Wednesday (7.10.20)		Nature Inspired Antennas for Modern Communication Systems Dr. Sanyog Rawat, Senior Associate Professor, SEEC, Manipal University Jaipur	5G Communication for IoT Applications Dr. Yogesh Trivedi, Professor, Nirma University, Ahmadabad	Biomedical Signal Analysis & Classification Using Fourier Decomposition & ML/DL Network (AI) Dr. Pushpendra Singh, Assistant Professor, NIT Hamirpur
Thursday (8.10.20)		Green 5G & Its Evolution Towards 6G Dr. Meenakshi Awasthi, Associate Professor, AKGEC, Ghaziabad	5G Communication & Role of AI in 5G Dr. Ajay Khunteta, Associate Professor, Deptt. of ECE, RTU Kota	Reinforcement Learning Methods Dr. Shashi Shekhar Jha, Assistant Professor, IIT Ropar
Friday (9.10.20)		Effect of Mobile Communication Radiation on Human Health Dr. Sanjeev Yadav, HOD, Assistant Professor, GWEC, Ajmer	Increasing Influence of Artificial Intelligence in Wireless Networks Dr. Neerish Purohit, Associate Professor, IIT Allahabad	Wireless Networks From 2G to 5G & AI/ML Implementation Sanjay Kumar, Trainer and Consultant, NanoCell Networks Pvt. Ltd.
Saturday (10.10.20)		AI and ML for Electronics and Communication Dr. Amit Ganatra DEAN, FTE, CHARUSAT, Gujarat	Introduction to CNN's and Edge Deployments Raghumanohar Adusumilli Technical Development Engineer INTEL, India	Role of Machine/Deep Learning in Healthcare IoT Networks Dr. Sudhir Kumar, Assistant Professor, IIT Patna


Dr. Mahesh Bunde
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-9, RIICO Institutional Area
Sitapura, JAIPUR

♦ **INAUGURAL SESSION:**



SHORT TERM TRAINING PROGRAM

on

Artificial Intelligence & 5G Communication Technology

October 5 -10, 2020

Sponsored by AICTE Quality Improvement Scheme (AQIS)

Organized by Department of Electronics & Communication Engineering,
Poornima College of Engineering, Jaipur



Date: October 5, 2020

Time: 09:30 – 10:05 AM

Venue: Online (<https://meet.google.com/eaf-ufri-utt>)

Q- Sheet Inaugural Session

S. No	Activity	Duration	Time
1.	Welcome of Dignitaries and Introduction of STTP by Dr. Garima Mathur, Head & Professor ECE, PCE <ul style="list-style-type: none">• Prof. R. P. Yadav, Professor-HAG, MNIT, Jaipur (Chief Guest)• Dr. Meghendra Sharma, Secretary, Vigyan Bharti, Rajasthan (Guest of Honour)• Ar. Rahul Singhi, Director, Poornima Group• Dr. Mahesh Bundeale, Director & Principal, PCE, Jaipur• Mr. Pankaj Dhemla, Vice Principal, PCE Jaipur	03 Min	09:30 am-09:33 am
2.	Welcome address by Dr. Mahesh Bundeale, Director & Principal, PCE, Jaipur	05 Min	09:33 am-09:38 am
3.	Motivational Words by Ar. Rahul Singhi, Director, Poornima Group	05 Min	09:38 am- 09:43 am
4.	Welcome address by Guest of Honour Dr. Meghendra Sharma, Secretary, Vigyan Bharti, Rajasthan	10 Min	09:43 am- 09:53 am
5.	Inaugural Address by Chief Guest Prof. R. P. Yadav, Professor-HAG, MNIT, Jaipur	10 Min	09:53 am-10:03 am
6.	Vote of Thanks by Dr. Payal Bansal, Associate Prof., ECE, PCE	02 Min	10:03 am-10:05 am


Dr. Mahesh Bundeale
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Sisupura, JAIPUR

◆ DETAILS OF RESOURCE PERSONS:



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COLLEGE OF ENGINEERING

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Department of Electronics & Communication Engineering

First AICTE-AQIS Sponsored Short Term Training Program (STTP) on Artificial Intelligence and 5G Communication Technology from October 05-10, 2020

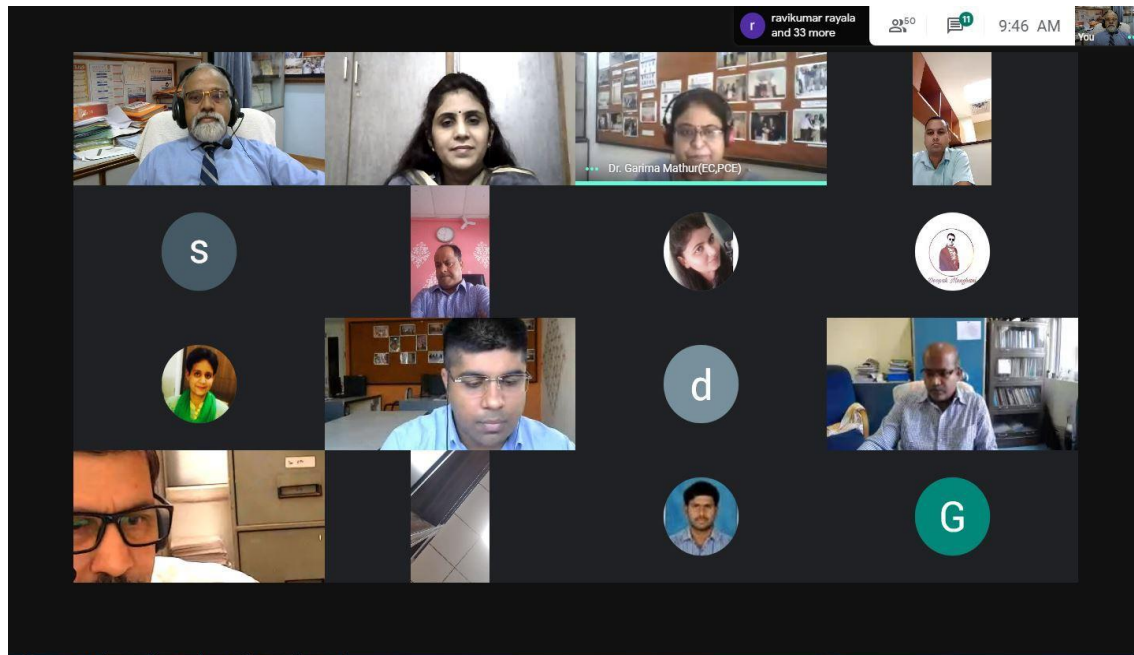
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Tuesday (6.10.20)		Role of Image Processing in 5G Communications and Beyond Dr. Amit Singhal, Assistant Professor, Bennett University, Greater Noida	Millimeter Waves for 5G Communications Prof. Dr. T. Rama Rao, Professor & Head, SRM Institute of Science & Technology, Chennai	Electromagnetic Simulation of 5G Applications with CST MWS Mr. Chandragopal Jaiswal, Application Engineer, CST, Jyoti Electronics, India
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Saturday (10.10.20)		AI and ML for Electronics and Communication Dr. Amit Ganatra DEAN, FTE, CHARUSAT, Gujarat	Introduction to CNN's and Edge Deployments Raghumanohar Adusumilli Technical Development Engineer INTEL India Maker Lab, Bengaluru	Role of Machine/Deep Learning in Healthcare IoT Networks Dr. Sudhir Kumar, Assistant Professor, IIT Patna

Day 1: 5th October, 2020:

Inaugural session witnessed the presence of Chief Guest Prof, R. P. Yadav, MNIT Jaipur, Guest of honour Dr. Magendra Sharma Secretary vigyan Bharti Rajasthan, Dr. Mahesh Bunde, Director, PCE, Jaipur, Mr. Pankaj Dhemla, Vice Principal, PCE, Jaipur, Dr. Garima Mathur convener of STTP & Dr. Payal Bansal Coordinator of STTP, PCE, participants along with the faculty members. The event started with the online inaugural ceremony in presence of chief guest Prof. R. P. Yadav MNIT Jaipur, Guest of honor Dr. Magendra Sharma Secretary vigyan Bharti Rajasthan & Dr. Mahesh Bunde, Director PCE. Dr. Garima Mathur addressed the participants about the STTP & Its area of learning and its content. In welcome address Dr. Mahesh M. Bunde, director, PCE, update the participants about the new techniques related to Artificial Intelligence. Dr. R. P Yadav addressed the gathering with his knowledgeable words, & then after Dr. Magendra Sharma updated the participants about the new schemes of vigyan bharti. In last the inaugural session concluded by vote of thanks delivered by Dr. Payal Bansal.


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◆ GLIMPSES OF CONDUCTION:



◆ CONTENT DELIVERY / PRACTICAL SESSIONS:

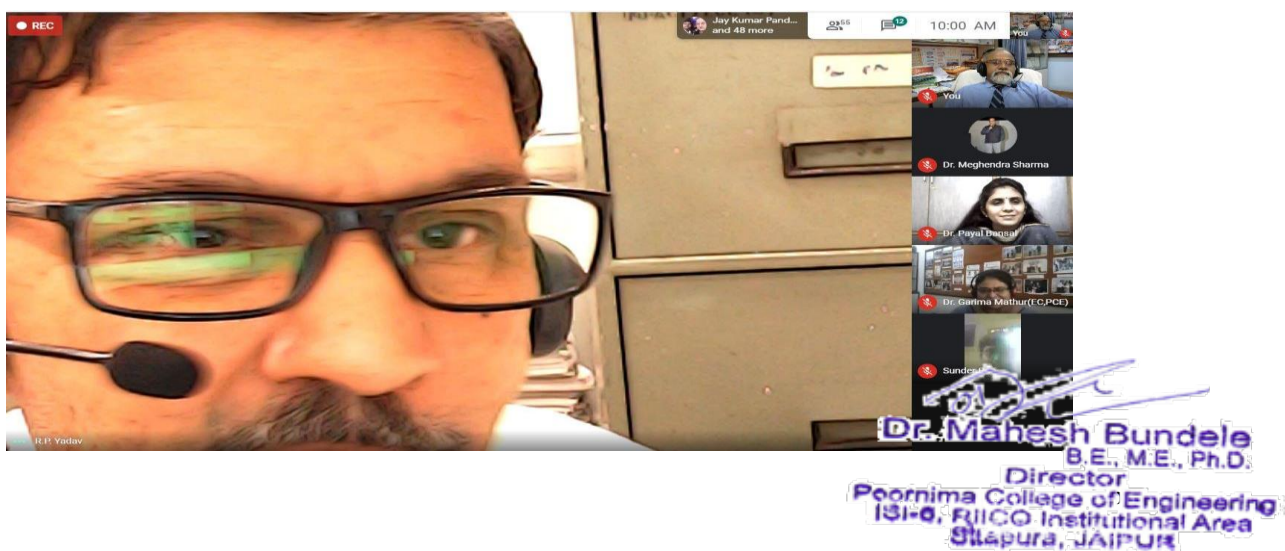
Expert Talk-1

Topic: 5G Communication Technology

Resource Person: Prof. R. P. Yadav, Professor-HAG, MNIT, Jaipur

Venue: Online Via Google Meet

Prof. R. P. Yadav, Professor-HAG, MNIT, Jaipur delivered his talk on 5G Communication Technology. He told us about the designing of receiver, its applications etc. He also update about the new unique features bring some new challenges in the design of the new trans receivers with 5G communication. Also brief about the security aspects of the 5G & its BW, Its advantages, its speed etc.



Expert Talk-2

Topic: 5G Technologies and beyond - An Overview

Resource Person: Dr Ayan Kumar Bandyopadhyay

Venue: online via Google meet

Dr. Ayan Kumar Bandyopadhyay has delivered his talk on 5G New Radio: Understanding IMT 2020 Radio Interface Technology. He describes about the new radio technology, new advancement in radio communication. He addressed the gathering about the new antenna technologies used in transmission & receiving the radio waves. Apart of this he discussed various live project problems in the related field.

Expert Talk-3

Topic: Electromagnetic simulation of 5G applications with CST MWS

Resource Person: Mr Chandragopal Jaiswal

Venue: online Via Google meet

Third session of first day is delivered by Mr. Chandragopal Jaiswal. He is application engineer in CST, Jyoti Electronics, India. His session was the live demonstration session on CST studio. He deliver the real time practical applications as well as the designing criteria.

The screenshot shows a Google Meet interface during a presentation. The main window displays a slide titled "Phased Array Workflow using Antenna Magus (AM) and the Array Task" from Jyoti Electronics. The slide contains an 8-step workflow diagram:

1. Design suitable patch antenna inside AM
2. Synthesize array using AM array tool
3. Extract .cst model of the antenna and the Array Matrix
4. Setup Phased Array Task using extracted .cst model
5. Construct & simulate infinite planar array
6. Analyze Results
7. Construct and simulate Finite array analysis
8. Check results

The bottom of the screen shows the Google Meet controls and a list of participants. The participants list includes:

- Dr. Garima Mathur(EC,PCE) (You)
- Afeefa Noorain
- Ambrish Sharma
- Angeline R
- ASHIKA CHATURVEDI PCE19EC011
- B.C.DIVAKARA
- beena felma
- bhuvaneshwari ranganathan

The bottom status bar shows the time as 2:10 PM on 10/6/2020.

Expert Talk-4

Topic: Role of Image Processing in 5G Communications and Beyond

Resource Person: Dr. Amit Singhal Assistant Professor Bennett University, Greater Noida

Venue: Online

Second session is delivered by Dr. Amit Singhal. He is Assistant Professor in Bennett University, Greater Noida. He is very knowledgeable Professor in his own field. He discusses about Different Techniques of digital Image Processing. Also discusses about the 5G communication technology. In this he explains about image expansion & its filtering techniques.

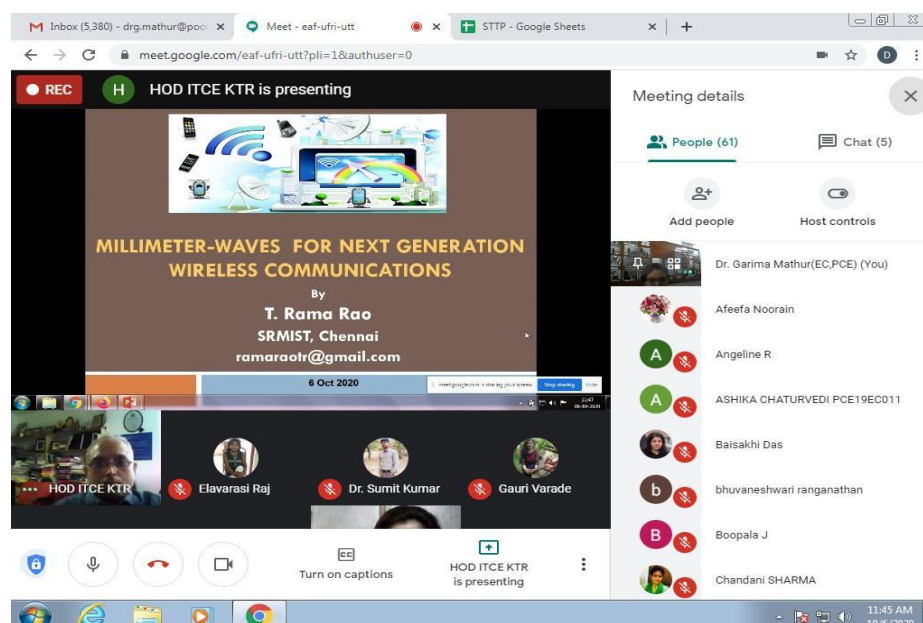
Expert Talk-5

Topic: Millimetre waves for 5G Communications

Resource Person: Prof. Dr. T. Rama Rao (Professor & Head) SRM Institute of Science & Technology, Chennai

Venue: Online

The afternoon talk of second day is delivered by Dr. T. Rama Rao (Professor & Head) SRM Institute of Science & Technology, Chennai. His title of talk is Millimeter waves for 5G Communications. He discusses about the millimeter waves in RF communication. This is very important in radio communication.



Expert Talk-6

Topic: Electromagnetic simulation of 5G applications with CST MWS

Resource Person: Mr Chandragopal Jaiswal

Venue: online Via Google meet

Third session of first day is delivered by Mr. Chandragopal Jaiswal. He is application engineer in CST, Jyoti Electronics, India. His session was the live demonstration session on CST studio. He deliver the real time practical applications as well as the designing criteria.

Expert Talk-7

Topic: Nature Inspired Antennas for Modern Communication Systems

Resource Person: Dr. Sanyog Rawat Senior Associate Professor SEEC, Manipal University Jaipur

Venue: Online

Morning talk of third day of the STTP is delivered by Dr. Sanyog Rawat Senior Associate Professor SEEC, Manipal University Jaipur. His title of talk is Nature Inspired Antennas for Modern Communication Systems. This is very important in current synario. Whar are the uses of this antenna & what are the application in the green & ecofriendly environment was discussed from the speaker side.

The screenshot shows a Google Meet interface during a presentation. The main window displays a slide titled "ANTENNA DESIGN CHALLENGES" with a list of bullet points:

- Beam scanning with wider angular range
- RF Energy Efficiency
- Collocation of antenna in shared volume
- Gain and beam width instability at whole bandwidth
- Multidisciplinary problem at multiple antenna systems
- Minimization of mutual coupling with compact size
- Broad band circularly polarized
- Reconfigurability
- Phase shifter with minimum losses
- Selection of substrate material
- Misalignment of multilayer Antenna
- Spacing between electromagnetic coupled structures

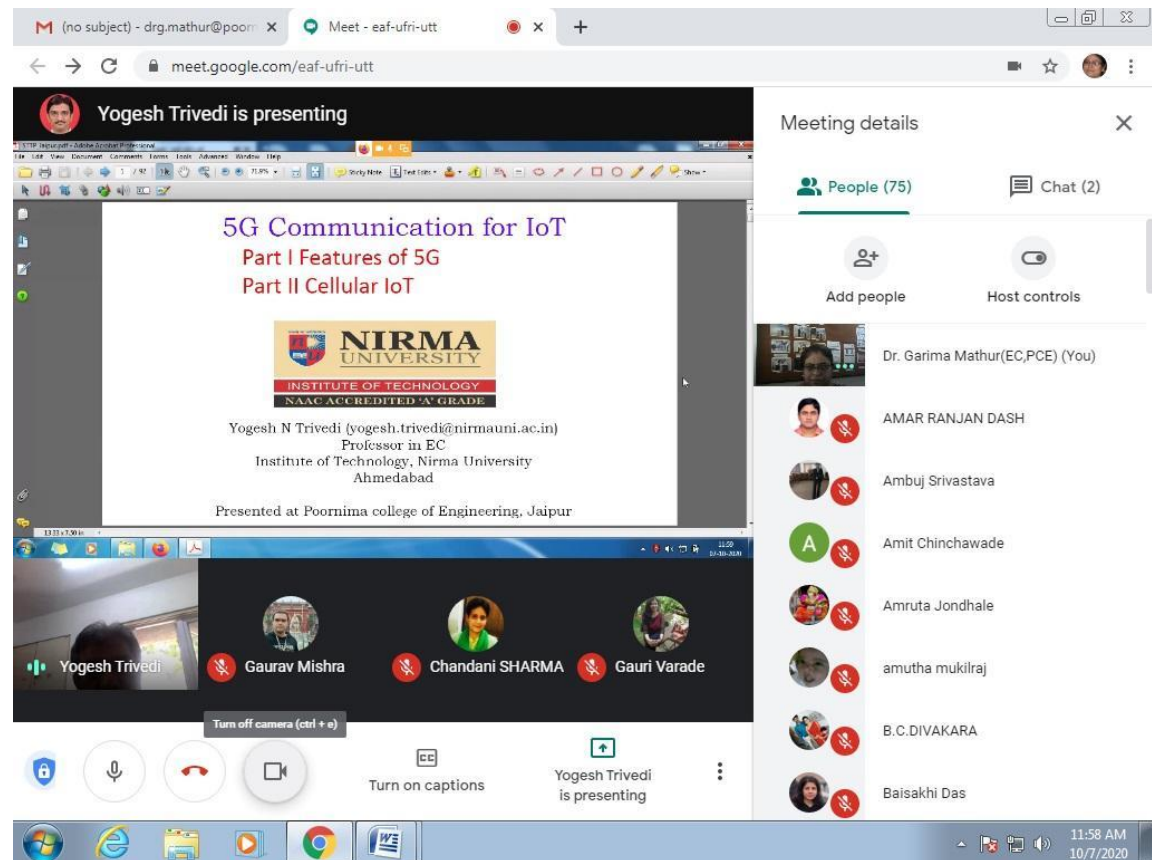
The presentation is being given by Dr. Garima Mathur(EC,PCE). The bottom of the screen shows the Google Meet controls and a list of participants: Sanyog Rawat, swarup mukherjee, Chandani SHARMA, and Dr. Sumit Kumar. On the right, the "Meeting details" panel shows 86 people and 1 chat.

Expert Talk-8

Topic: 5G Communication for IoT Applications

Resource Person: Dr. Yogesh Trivedi (Professor Nirma University, Ahmedabad)

Venue: Online



Expert Talk-9

Topic: Biomedical signal analysis and classification using Fourier decomposition and machine/deep learning network (artificial intelligence)

Resource Person: Dr. Pushpendra Singh (Assistant Professor NIT Hamirpur)

Venue: Online

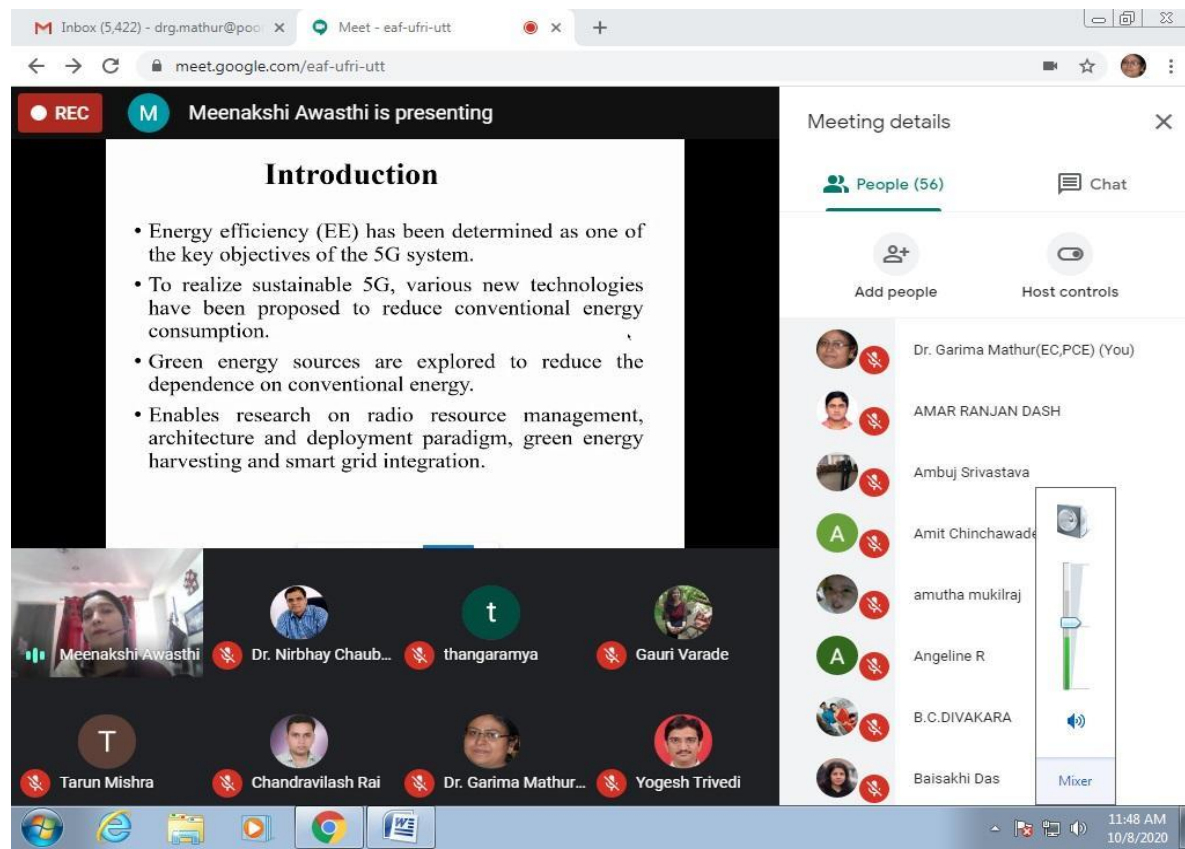
The last talk of third day was delivered by Dr. Pushpendra Singh. He is an Assistant Professor in NIT Hamirpur. His talk is based on the Artificial Intelligence. How to analyse the biomedical signals, & how to process it, all is described by the eminent speaker.

Expert Talk-10

Topic: Green 5G and Its Evolution Towards 6G
Resource Person: Dr. Meenakshi Awasthi (Associate Professor AKGEC, Ghaziabad)

Venue: Online

The fourth morning is started by Dr. Meenakshi Awasthi. She is an Associate Professor in AKGEC, Ghaziabad. Her talk was based on 5G & 6G. How 5G is beneficial for society, its advantages & its disadvantages.



Expert Talk-11

Topic: 5 G communication and role of AI in 5G

Resource Person: Dr. Ajay Khunteta (Associate Professor, Deptt. of ECE, RTU Kota)

Venue: Online

Afternoon Talk of this day was delivered by Dr. Ajay Khunteta. He is an Associate Professor in the Deptt. Of ECE, RTU Kota. His title of talk is based on 5 G communication and role of AI in 5G. He shows his his research in this area. He discussed about, how 5G important with Artificial Intelligence.

Expert Talk-12

Topic: Reinforcement Learning Methods

Resource Person: Dr. Shashi Shekhar Jha, Assistant Professor IIT Ropar

Venue: Online

The last talk of this day was delivered by Dr. Shashi Shekhar Jha . He is an Assistant Professor in IIT Ropar. His talk was based on Reinforcement Learning Methods.

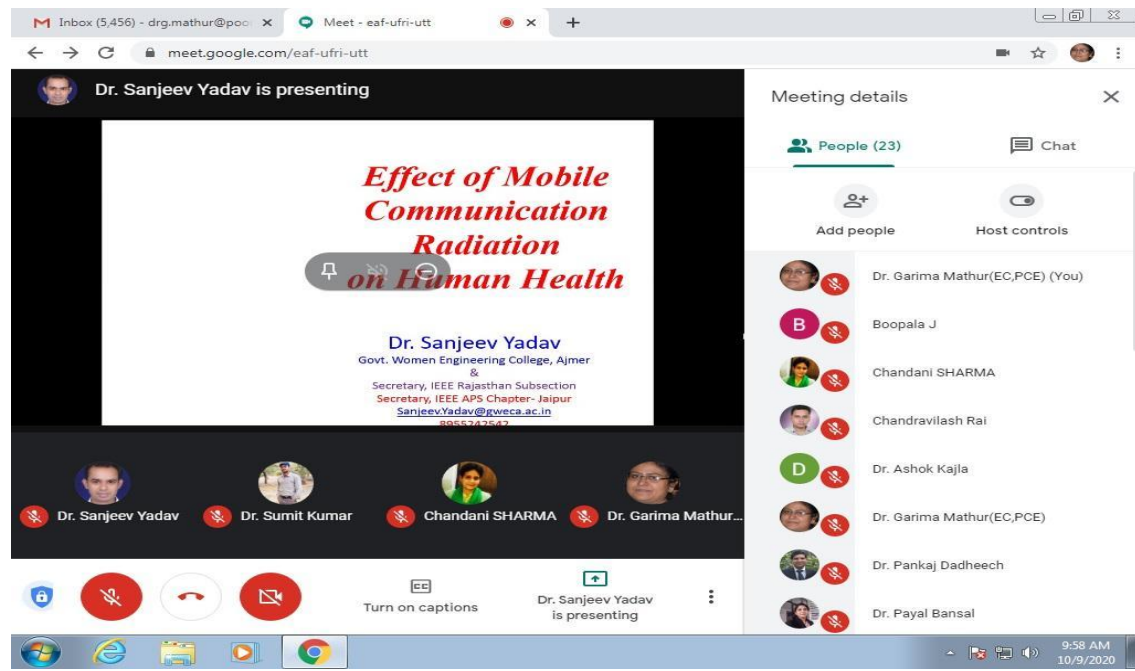
Expert Talk-13

Topic: Effect of Mobile Communication Radiation on Human Health

Resource Person: Dr. Sanjeev Yadav HOD, Assistant Professor GWEC, Ajmer

Venue: Online

The fifth Morning talk was delivered by Dr. Sanjeev Yadav. He is an Assistant Professor GWEC, Ajmer. His talk was based on different techniques of Communication. He explain how the radiation is hazards for human health.



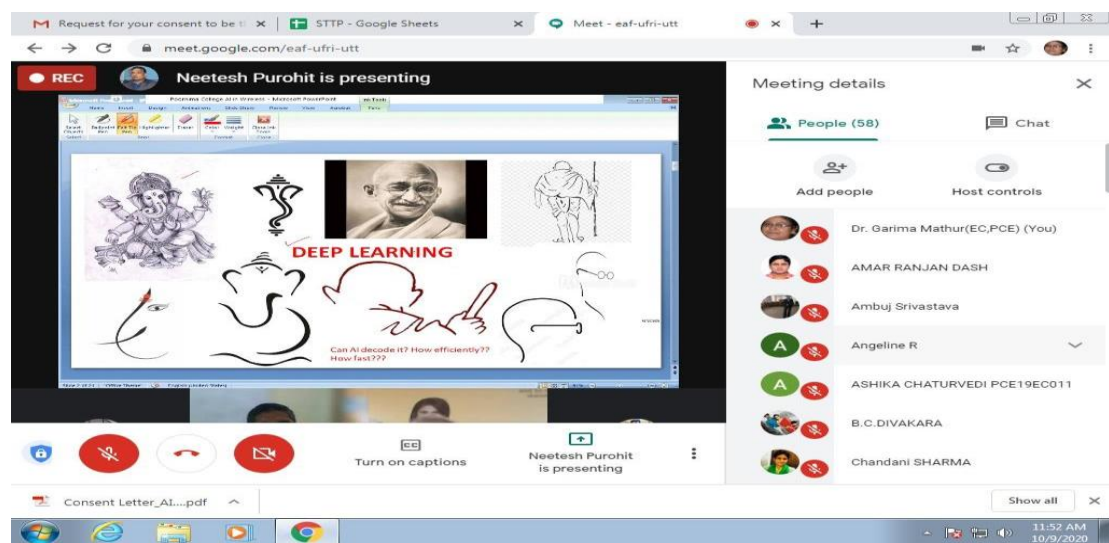
Expert Talk-14

Topic: Increasing Influence of Artificial Intelligence in Wireless Networks

Resource Person: Dr. Neetesh Purohit Associate Professor IIIT Allahabad

Venue: Online

The afternoon talk was delivered by Dr. Neetesh Purohit. He is an Associate Professor in IIIT Allahabad. His talk was based on Increasing Influence of Artificial Intelligence in Wireless Networks



Expert Talk-15

Topic: Wireless Networks form 2G to 5G and AI/ML Implementation

Resource person: Sanjay Kumar (Trainer and Consultant NanoCell Networks Pvt. Ltd.)

Venue: Online

Last talk of fifth day is the live demonstration session & delivered by Mr. Sanjay Kumar. He is Trainer and Consultant in NanoCell Networks Pvt. Ltd. He presents live session with software implementation.

Expert Talk-16

Topic: AI and ML for Electronics and Communication

Resource Person: Dr. Amit Ganatra (DEAN, FTE CHARUSAT, Gujarat)

Venue: Online

The last day has started with atalk delivered by Dr. Amit Ganatra. He is holding a post of DEAN, FTE CHARUSAT, and Gujarat. His talk was based on AI and ML for Electronics and Communication.

The screenshot shows a Google Meet interface during a presentation. The main window displays a slide titled "Nonlinear Channel Modeling and Identification" with the following bullet points:

- Channel modeling and identification is a very important task in digital communications.
- It can be used for several purposes, such as receiver design, computer simulation and performance evaluation of communication channels, diagnosis, fault detection, etc.
- The application of ML algorithms to system modeling and identification is motivated by the universal approximation property of Machine Learning algorithms in general.
- They can approximate arbitrarily well any continuous real-valued function.

Below the slide, a video feed shows Dr. Amit Ganatra presenting. To the right, the "Meeting details" sidebar is visible, showing 59 participants. The participant list includes:

- Dr. Garima Mathur(EC,PCE) (You)
- Ambrish Sharma
- Amit Ganatra (Presentation)
- Amit Ganatra
- amutha mukilraj
- Angeline R
- Aruna Rani
- B.C.DIVAKARA

The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 10:40 AM on 10/10/2020.

Expert Talk-17

Topic: Introduction to CNN's and Edge Deployments

**Resource Person: Raghumanohar Adusumilli, Technical Development Engineer
INTEL India Maker Lab**

Venue: Online

This talk is delivered by Mr. Raghumanohar Adusumilli. He is Technical Development Engineer in INTEL India Maker Lab. He demonstrate the live session.

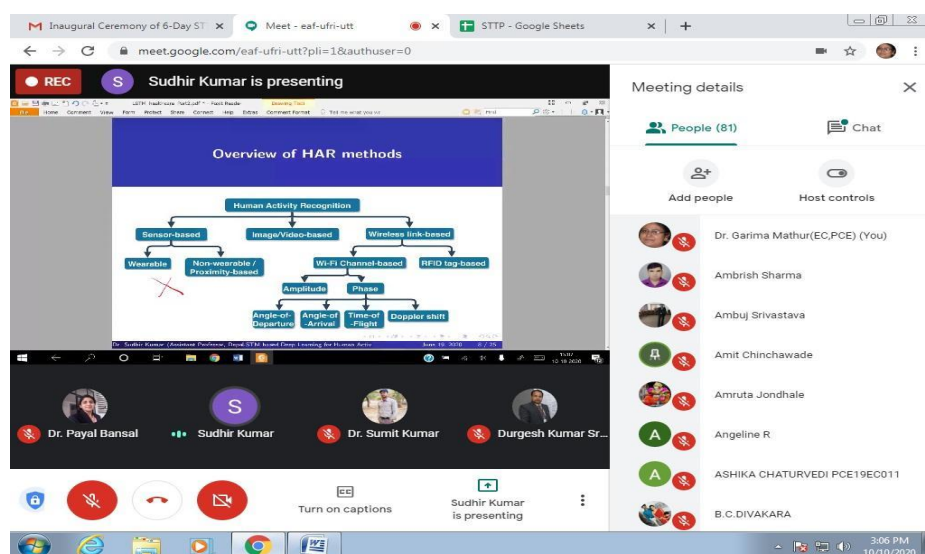
Expert Talk-18

Topic: Role of Machine/Deep Learning in Healthcare IoT Networks

Resource Person: Dr. Sudhir Kumar, Assistant Professor IIT Patna

Venue: Online

The last session was delivered by Dr. Sudhir Kumar. He is an Assistant Professor in IIT Patna. His talk was based on Role of Machine/Deep Learning in Healthcare IoT Networks.



After completing all talks, the valedictory session was held. Dr. Sudhir Kumar was the Chief Guest, Dr. Mahesh M Bunde, Director, PCE, Jaipur, Mr. Pankaj Dhemla, Vice Principal, PCE, Jaipur, Dr. Garima Mathur, convener & HOD (ECE, PCE) & Dr. Payal Bansal coordinator of STTP, participants and faculty members attended the session. It started with the virtual welcome of Chief Guest Dr. Sudhir Kumar, by Dr. Mahesh M Bunde, Principal & Director, PCE, Jaipur. A brief report on STTP was presented by Dr. Garima Mathur. Valuable online feedback was taken from the participants. Dr. Mahesh M Bunde congratulated the participants for taking keen interest in learning the new technologies in his address. He also appreciated the organizing team. Dr. Sudhir Kumar said that active involvement of most prominent speakers and delegates and their innovative ideas will create a stimulating atmosphere for the further development of multi-disciplinary research.

Dr. Mahesh Bunde
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Poornima College of Engineering - Artificial Intelligence & 5G Communication Technology

research in the area of mobile network security and smart antenna. Dr. Payal Bansal, Associate Professor, ECE Deptt., PCE proposed the Vote of Thanks. At the end of the session a group photograph was taken with the Dignitaries including participants (online).



Address by Dr. Mahesh M. Bundeale



Report presented by Dr. Garima Mathur


Dr. Mahesh Bundeale
B.E., M.E., Ph.D.
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Stapura, JAIPUR

♦ **VALEDICTORY SESSIONS:**

Six Days Short Term Training Program

On

Artificial Intelligence & 5G Communication Technology

October 05 - 10, 2020

Organized by Department of Electronics & Communication Engineering,
Poornima College of Engineering, Jaipur

Date: October 10, 2020

Time: 03:30 PM - 04:00 PM

Venue: Online

Q- Sheet Valedictory Session


Activity	Duration	Time
Welcome of Dignitaries and Introduction of Refresher Program by Dr. Garima Mathur , Head & Professor ECE, PCE <ul style="list-style-type: none">• Dr. Sudhir Kumar, Assistant Professor IIT Patna (Chief Guest)• Ar. Rahul Singhi, Director, Poornima Group• Dr. Mahesh Bunde, Director & Principal, PCE• Mr. Pankaj Dhemla, Vice Principal, PCE	05 Min	03:30 PM - 03:35 PM
Welcome address by Dr. Mahesh Bunde , Director & Principal, PCE	05 Min	03:35 PM - 03:40 PM
Motivational Words by Ar. Rahul Singhi , Director, Poornima Group	05 Min	03:40 PM - 03:45 PM
Inaugural Address by Chief Guest Dr. Sudhir Kumar , Assistant Professor IIT Patna	10 Min	03:45 PM - 03:55 PM
Vote of Thanks by Dr. Payal Bansal , Associate Prof., ECE, PCE	05 Min	03:55 PM - 04:00 PM

♦ **LIST OF PARTICIPANTS:**

S. No.	Username	Name of Participant	Department	Name of Institute
1	jay.pandey@srmu.ac.in	JAY KUMAR PANDEY	ECE/ET	Shri Ramswaroop Memorial University
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3	aobeena@gmail.com	DR. BEENA A.O.	ECE/ET	SAINTGITS COLLEGE OF ENGINEERING
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5	baishnobi123@gmail.com	MS. BAISHNOBI DASH	CSE	VIGNAN INSTITUTE OF TECHNOLOGY & MANAGEMENT
6	deepayerolkar@gmail.com	MS. DEEPA JIVANRAO YEROLKAR	ECE/ET	AISSMS Polytechnic
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8	caroline@sxcce.edu.in	MS. S. CAROLINE	ECE/ET	St. Xavier's Catholic College of Engineering
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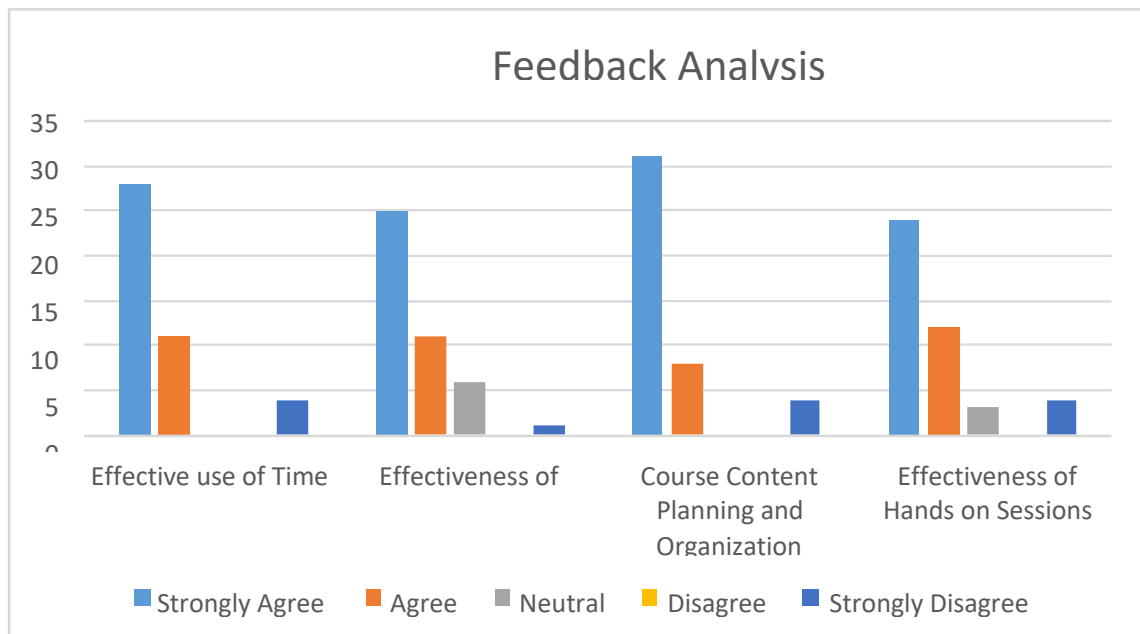
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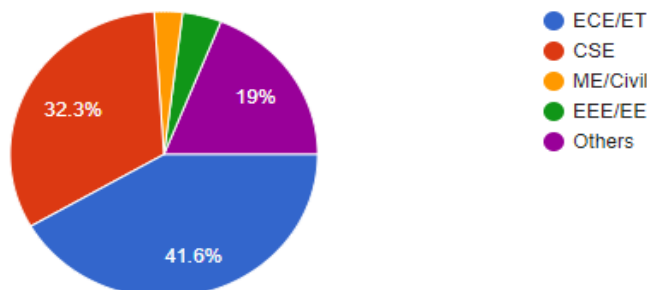

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♦ **FEEDBACK ANALYSIS:**

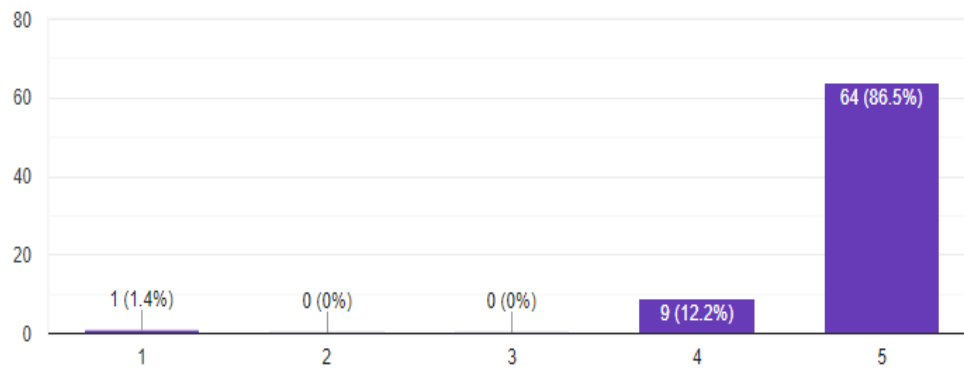
	Effective use of Time	Effectiveness of Theoretical Session	Course Content Planning and Organization	Effectiveness of Hands on Sessions
Strongly Agree	28	25	31	24
Agree	11	11	8	1
Neutral	0	6	0	3
Disagree	0	0	0	0
Strongly Disagree	4	1	4	4



♦ **SWOT ANALYSIS:**



How satisfied were you with the STTP content?

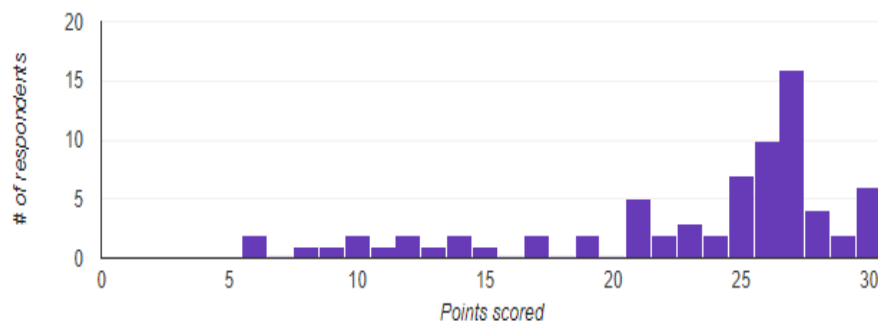


Average
22.91 / 30 points

Median
26 / 30 points

Range
6 - 30 points

Total points distribution



◆ BUDGET & ACTUALS: NIL