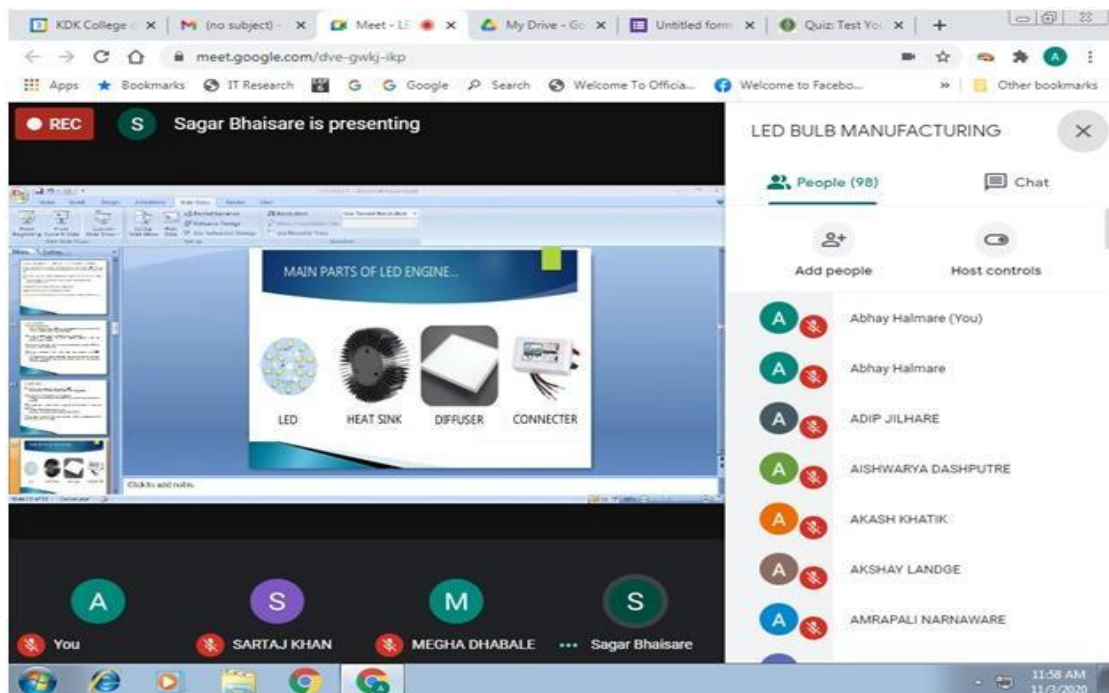


# KDK College of Engineering

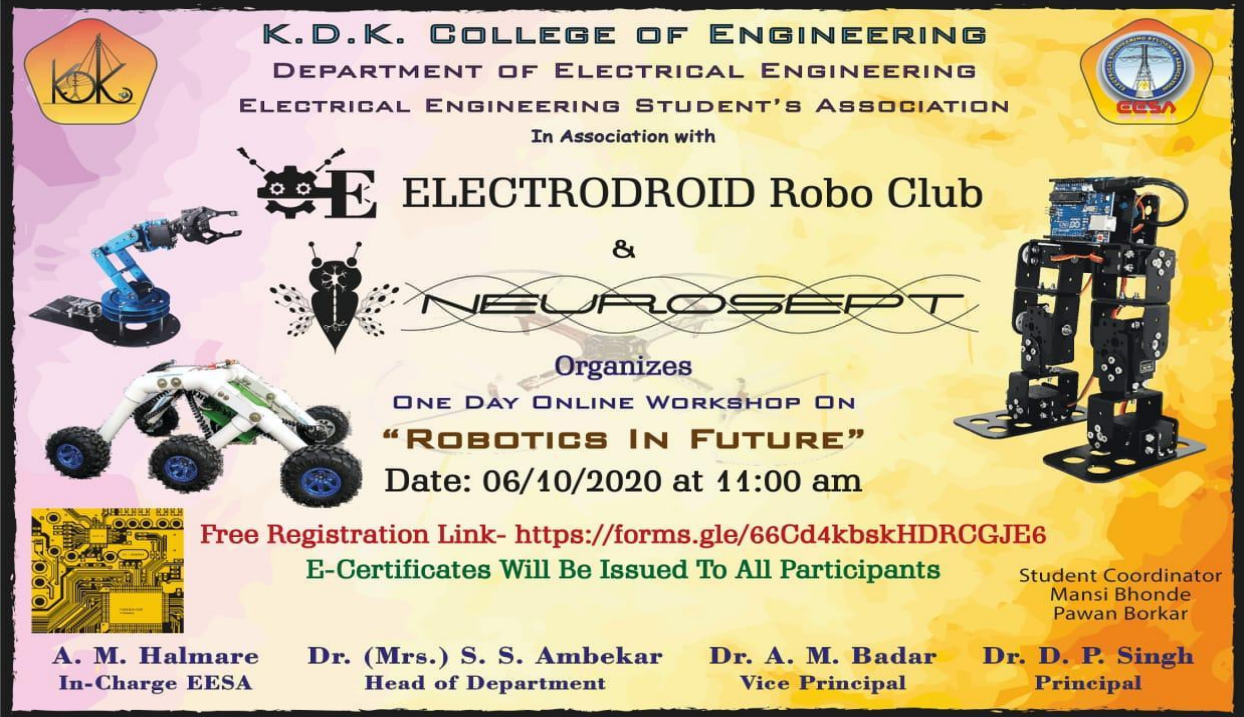
## Department of Electrical Engineering

### Activities Conducted in Session 2020-21

1. Skill Development online workshop on 'LED bulb manufacturing' by Prof S. D. Bhisare and Prof. A. M. Halmare, on dated 28th October to 4th Nov 2020



2. One Day online workshop on “Robotics in Future” by Er. Parag Sardey on dated 6<sup>th</sup> October 2020.



**K.D.K. COLLEGE OF ENGINEERING**  
DEPARTMENT OF ELECTRICAL ENGINEERING  
ELECTRICAL ENGINEERING STUDENT'S ASSOCIATION  
In Association with

**ELECTRODROID Robo Club**  
&  
**NEUROSEPT**

Organizes  
**ONE DAY ONLINE WORKSHOP ON**  
**“ROBOTICS IN FUTURE”**  
Date: 06/10/2020 at 11:00 am

Free Registration Link- <https://forms.gle/66Cd4kbskHDRCGJE6>  
E-Certificates Will Be Issued To All Participants

Student Coordinator  
Mansi Bhone  
Pawan Borkar

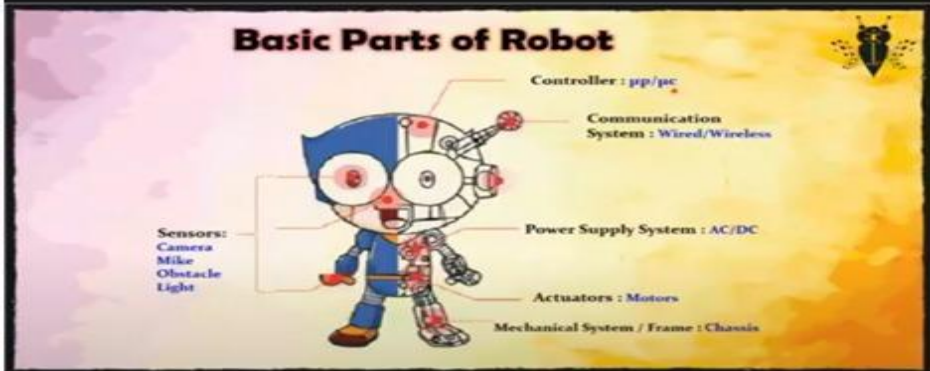
**A. M. Halmare**  
In-Charge EESA

**Dr. (Mrs.) S. S. Ambekar**  
Head of Department

**Dr. A. M. Badar**  
Vice Principal

**Dr. D. P. Singh**  
Principal

Workshop on "Robotics In Future" (2020-10-05 at 22:32 GMT-7)



**Basic Parts of Robot**

Controller : pp/pc

Communication System : Wired/Wireless

Power Supply System : AC/DC

Actuators : Motors

Mechanical System / Frame : Chassis

Sensors:  
Camera  
Mike  
Obstacle  
Light

Parag Sardey

29:02 / 3:52:57

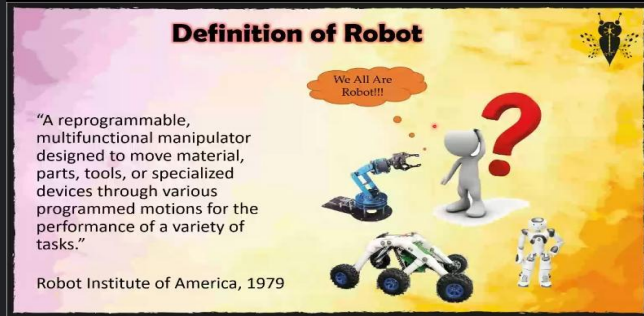
11:13 AM

... 108KB/s VoLTE 4G LTE 81

← kjd-pudj-mtt ▶



REC

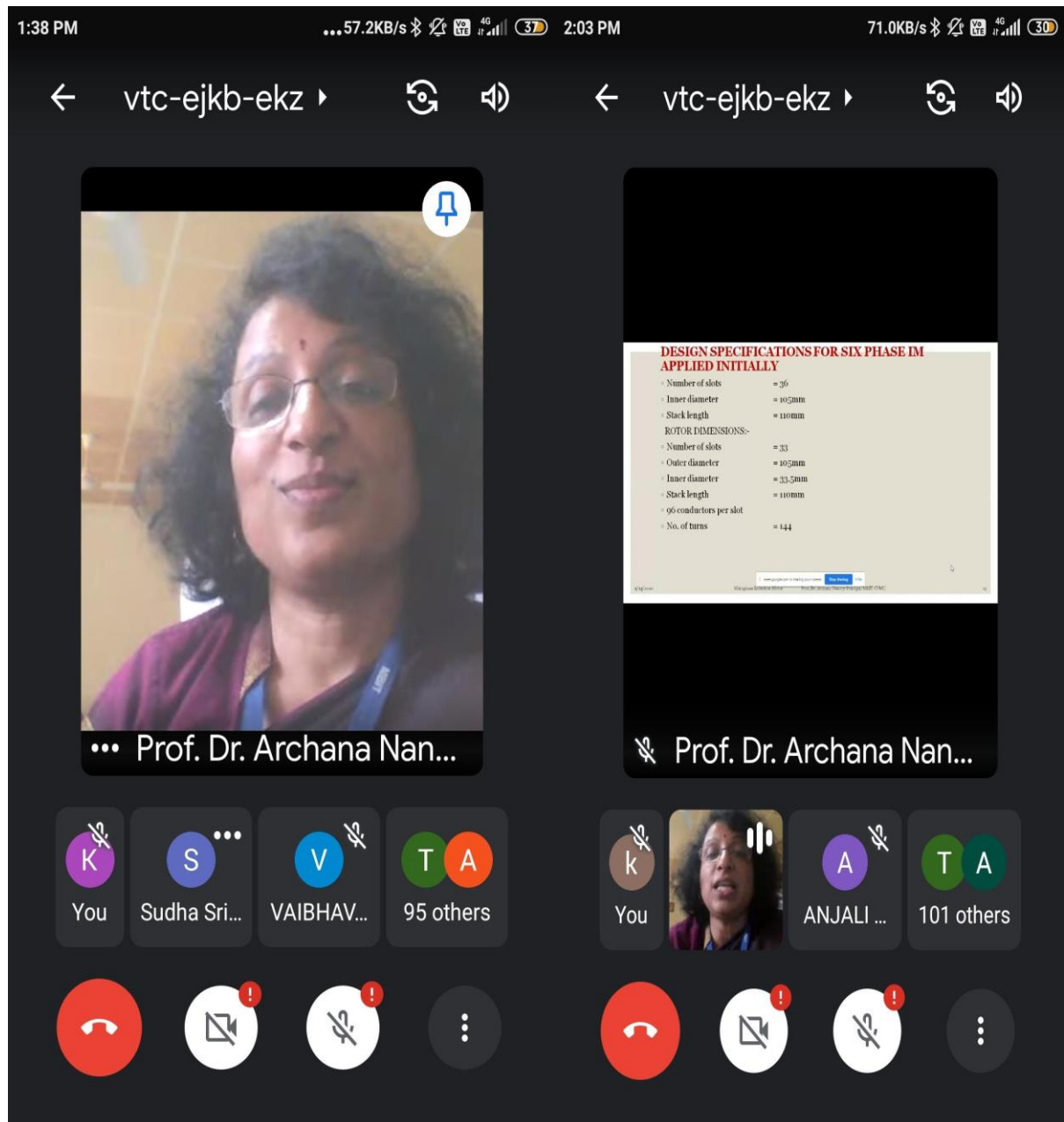


SHATAKSHI PARDHI left

- K You
- P Parag
- K KETAN
- K M 223 others



3. Webinar on “Multi-phase Induction Motor” by Dr. A. Nanoty, Principal, MBIT, Vidyanagar, Anand, Gujrat on dated 15<sup>th</sup> September 2020



4. Electrical Engineers Students Association EESA Installation Ceremony 2020 on dated 12<sup>th</sup> December 2020. Chief Guest of function was Dr. D. Lulekar,

HOD, Govt. Polytechnic, Nagpur and Guest of Honor was Mr. S. Rastogi, Director, Elektrika Solutions Pvt. Ltd., New Delhi.

"Service to Society through Quality Technical Education"

**KDK College of Engineering**  
(NAAC & NBA Accredited)

Department of Electrical Engineering  
&  
Electrical Engineering Students Associations  
(EESA)

**"Installation Ceremony"**

We are glad to invite to grace the E-Installation ceremony of  
EESA  
For the session 2020-21  
On 12th December 2020  
@11:30 A.M

  
Chief Guest  
Dr. Dilip Lulekar  
HOD, Govt Polytechnic  
Nagpur

  
Guest of Honor  
Mr. Sachin Rastogi  
Director  
Elektrika solutions Pvt.Ltd, New  
Delhi

Prof .A. M. Halmare  
In-charge EESA  
Electrical Department

Dr .(Mrs).S.S. Ambekar  
Prof & Head  
Electrical Department


Dr. A. M. Badar  
Vice Principal  
KDKCE

Dr. D. P. Singh  
Principal  
KDKCE


KDK College of Engineering, File | Meet - EESA INSTALLATION |

meet.google.com/foa-ewjg-zz7?authuser=0

SAURABH MESHAM is presenting

 **KDK COLLEGE OF ENGINEERING**  
NANDANVAN NAGPUR  
ACCREDITED BY NAAC & NBA

Department Of Electrical Engineering  
&  
Electrical Engineering Student Association(EESA)

 **WELCOMES YOU**

People (7/8)

- Dilip Lulekar
- DIPTI CHAUHAN
- Dr Avinash Badar
- Dr. Gircharil Agrawal
- GAURAV GUNDRE
- GAYATRI MADANKAR
- Gircharil Agrawal
- Gircharil Agrawal
- JANHYI BORKAR

You | Sachin Rastogi | Dr Avinash... | RYA CHANP... | ABHILEET M... | Gircharil A... | Abhay Halma...

1:08 PM  
12/12/2020

KDK College of Engineering, P... Meet - EESA INSTALLATION

meet.google.com/bs-awj-czr?authuser=0

SAURABH MESHAM is presenting

**WELCOME GUEST OF HONOR**




**Mr. Sachin Rustogi**  
Director  
Elektra solutions Pvt. Ltd,  
New Delhi

REC SAURABH MESHAM is presenting

EESA INSTALLATION CEREMONY

People (70)

- Devendra Holey
- Devendra Singh
- Dilip Lulekar
- Dr Avinash Bador
- Dr. Girharilal Agrawal
- GAURAV GUNDRE
- GAYATRI MADANKAR
- Girharilal Agrawal
- Girharilal Agrawal

12:08 PM 12/11/2020

KDK College of Engineering, P... Meet - EESA INSTALLATION

meet.google.com/bs-awj-czr?authuser=0

SAURABH MESHAM is presenting

**WELCOME CHIEF GUEST**




**Dr. Dilip Lulekar**  
HOD, Govt Polytechnic  
Nagpur

REC SAURABH MESHAM is presenting

NIKITA TAJANE and 57 more

12:42 PM

Abhay Halmare

SAURABH MESHAM

IRYA CHANLURKAR

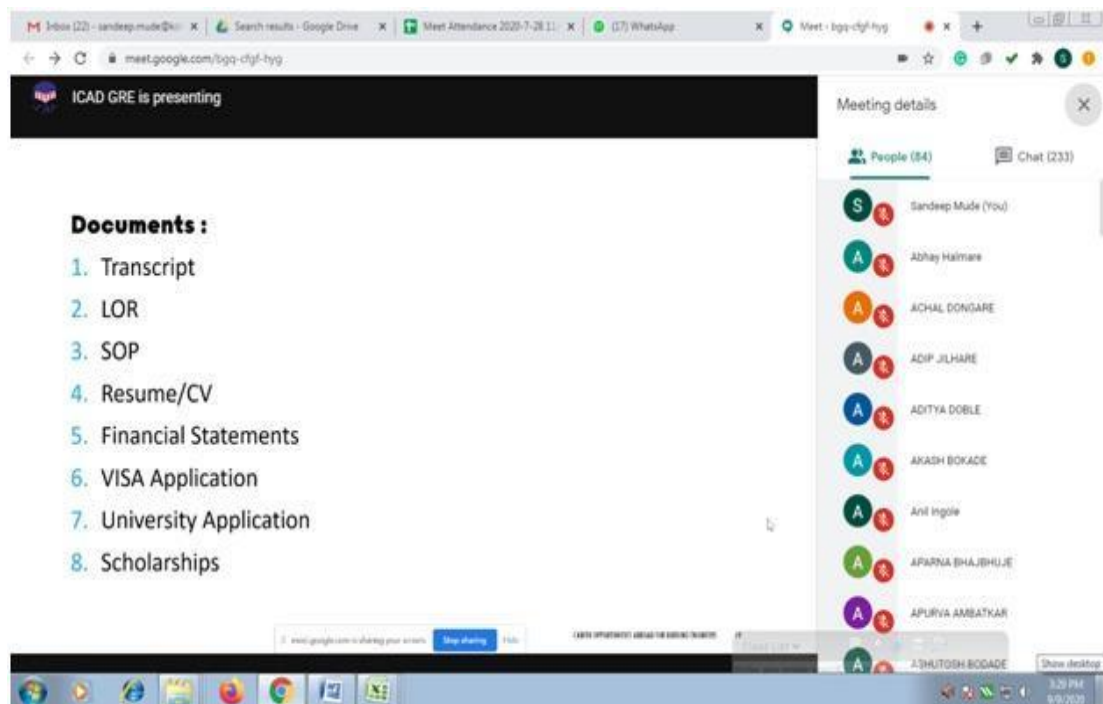
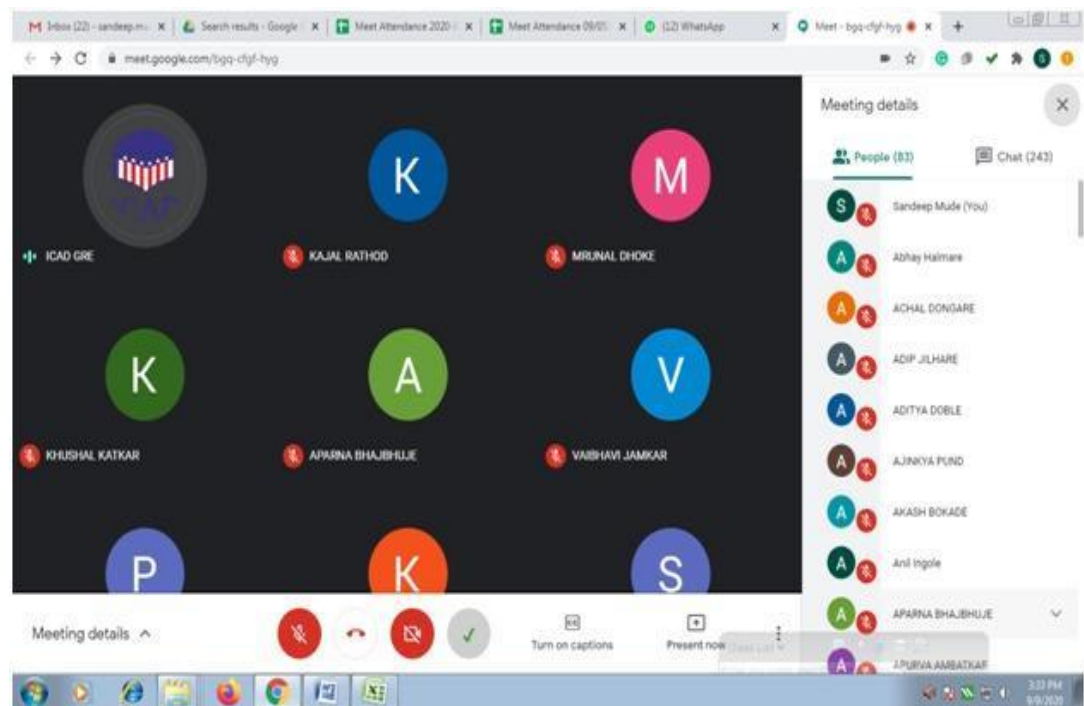
Girharilal Agrawal

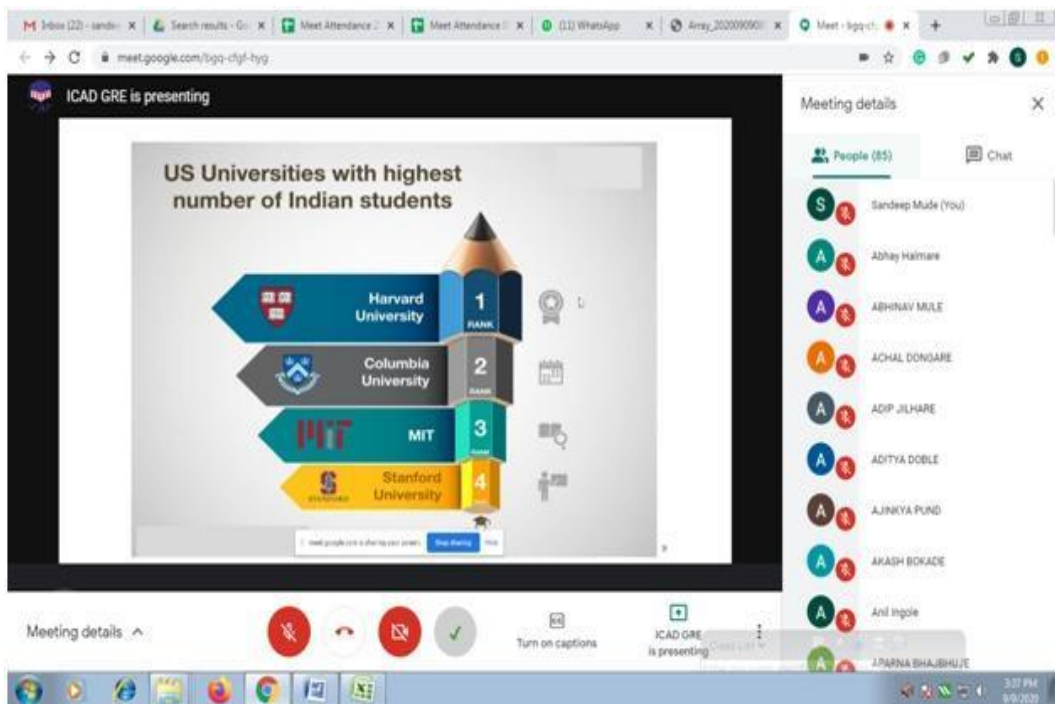
Devendra Singh

SHRUTI DANGE

12:42 PM 12/11/2020

5. Webinar on “Career Opportunities Abroad for Budding Electrical Engineers” by Mr. Swarup Gandewar, Chief Marketing Officer, ICAD on dated 9<sup>th</sup> September 2020





6. Online Workshop on ‘Success Without Stress’ by Ms. Parveen Sethi, Business Analyst, Bank of Nova Scotia, Canada, on dated 29<sup>th</sup> August 2020





Recording Cancel the Spotlight Video



Parveen Sethi

Unmute Stop Video Security Participants 126 Chat 99+ Share Screen Record Reactions Leave

Participants (126)

Find a participant

- SG Santoshi Gawande (Co-host, me)
- Dr. Dipali Jasudkar (Host)
- R Ritu
- MP Madhul Patil
- ND Nurja devi
- K KRUTIKA DONGRE
- DP Dhanshree padole
- A Aishwarya Shamkuwar
- PA P. Anitha
- KD Kunal Dhomne
- Yogesh Uprikar
- Hemant Paunikar
- M M.KAVINILA
- Parveen Sethi (Co-host)
- AS Amrita Sethi (Co-host)
- AD Ashay Devidas Shende (Co-host)
- Ashay Shende (Co-host)

Invite Mute All

Zoom Meeting | You are viewing Lalita Tata's screen | View Options

Recording

Santoshi Gawande... Amrita Sethi Lalita Tata Ashay Shende Parveen Sethi

Mute Stop Video Security Participants 103 Chat 99% Share Screen Record Reactions Leave

Type here to search

Participants (106)

Find a participant

- SG Santoshi Gawande (Co-host, me)
- Dr. Dipali Jasudkar (Host)
- Lalita Tata (Co-host)
- R Ritu
- MP Madhul Patil
- AS Amrita Sethi (Co-host)
- AD Ashay Devidas Shende (Co-host)
- Ashay Shende (Co-host)
- Parveen Sethi (Co-host)
- Abhinav Mule
- AD Abhishek Dewangan
- AG Aishwarya Gawli
- AB Ajinkya Balpande
- AB Akash Babarao Khatik
- AG Akash Gajanan Bokade
- AN Amrapali Narnaware
- AM Anand Mahajan

5:02 PM 8/29/2020

Zoom Meeting

Recording Cancel the Spotlight Video

Santoshi Gawande... Kunal Dhorme Ashay Shende Parveen Sethi Suyog Raut

Lalita Tata

Unmute Start Video Security Participants 122 Chat 99% Share Screen Record Reactions Leave

Type here to search

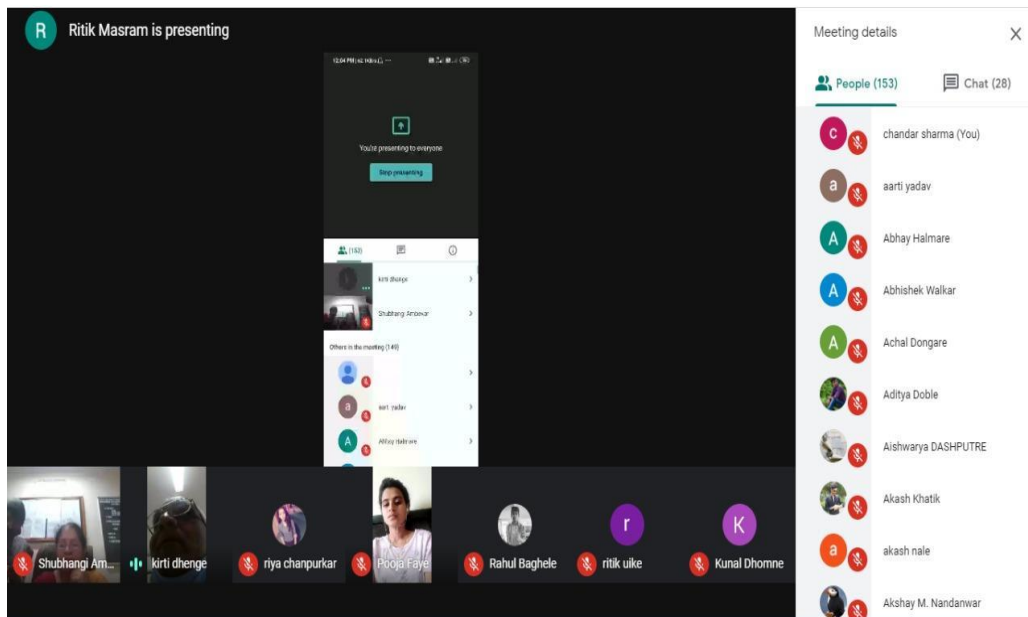
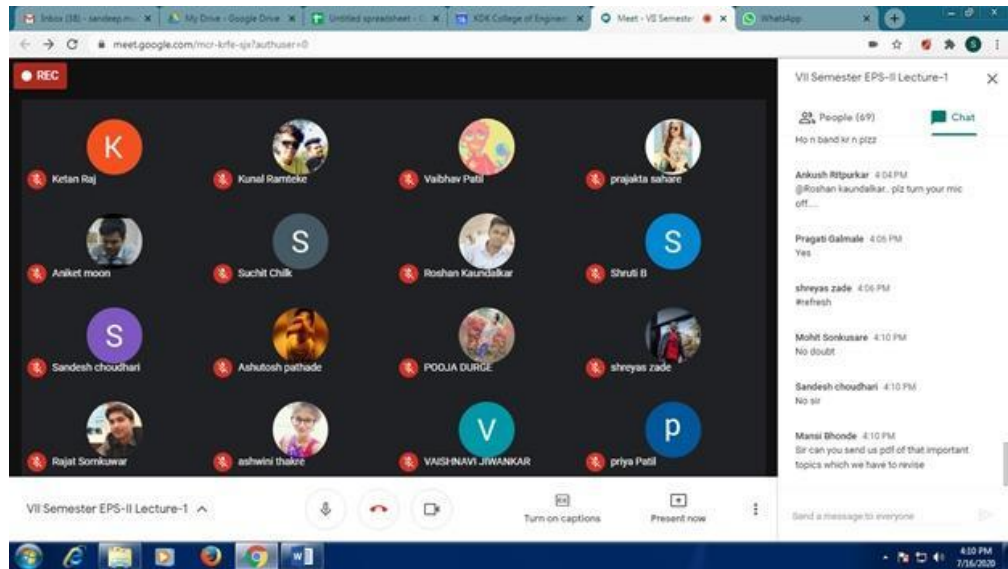
Participants (122)

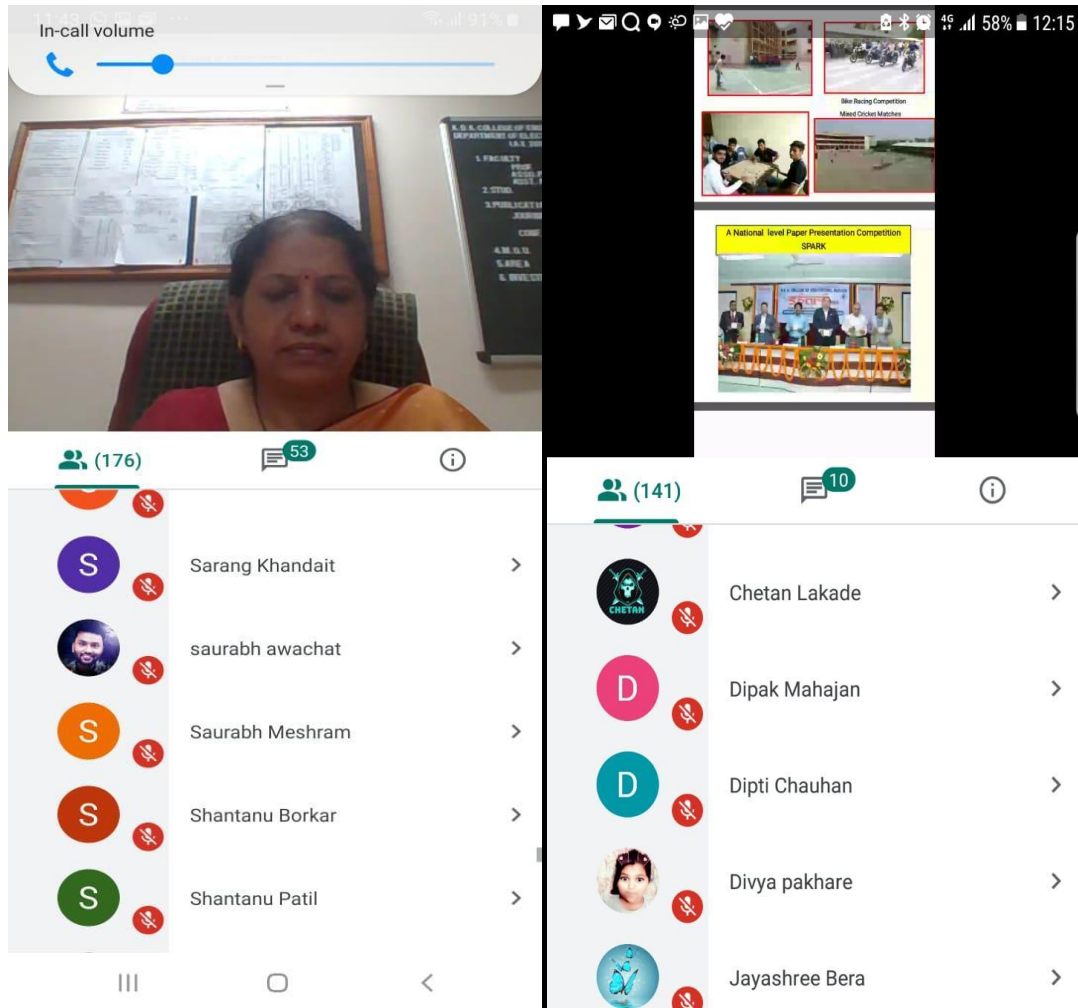
Find a participant

- SG Santoshi Gawande (Co-host, me)
- Dr. Dipali Jasudkar (Host)
- R Ritu
- MP Madhul Patil
- DP Dhanshree padole
- A Aishwarya Shamkuwar
- AG Amisha Gajbhiye
- Ashay Shende (Co-host)
- AS Amrita Sethi (Co-host)
- AD Ashay Devidas Shende (Co-host)
- Parveen Sethi (Co-host)
- Lalita Tata
- SS Sandesh suradkar
- SK Sushma kodagali
- AY Aarti yadav
- Abhinav Mule
- AD Abhishek Dewangan

4:42 PM 8/29/2020

## 7. Induction Program for Second Year Students on dated 16<sup>th</sup> July 2020.





**KDK COLLEGE OF ENGINEERING, NAGPUR**  
 NBA and NAAC accredited, Grade A  
**DEPARTMENT OF ELECTRICAL ENGINEERING**

ORGANIZES  
**INDUCTION PROGRAM**  
 16th July 2020 at 11 am  
 Join with the link: <https://meet.google.com/cov-zbfk-ojh>

**DEPARTMENTAL FACULTY**

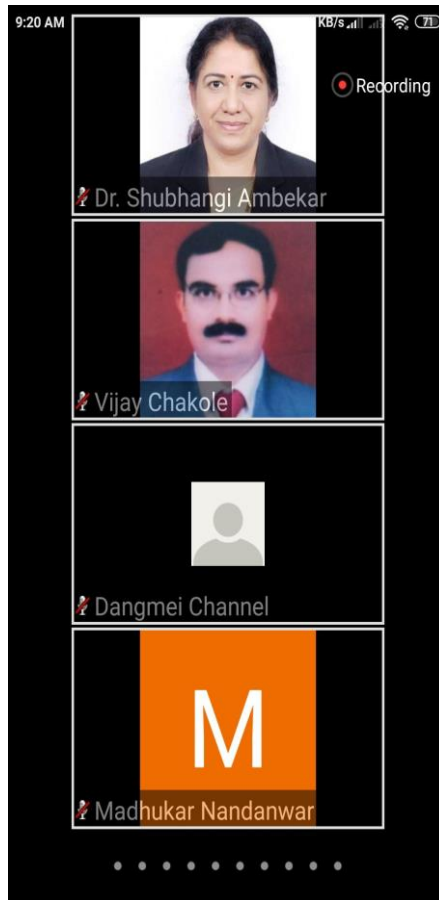
 <b>Dr. S. S. Ambekar</b> Professor & Head Addressing The Program	 Dr. G. H. Agrawal Professor	 Dr. S. Shrinikantha Associate Professor	 Dr. D. M. Holey Assistant Professor	 Prof. S. K. Mude Assistant Professor	 Prof. C. S. Hiwarkar Assistant Professor
	 Prof. C. J. Sharma Assistant Professor	 Prof. A. M. Halmare Assistant Professor	 Prof. V. B. Hardas Assistant Professor	 Prof. S. R. Gawande Assistant Professor	 Prof. K. M. Dhenge Assistant Professor
				 Prof. S. D. Bhaosare Assistant Professor	

8. Webinar on 'Artificial Intelligence' by Krunal Kalbende, CEO of Cojag Smart Technology, Nagpur (Alumni of IIT Kharagpur ) on dated 6/7/2020.

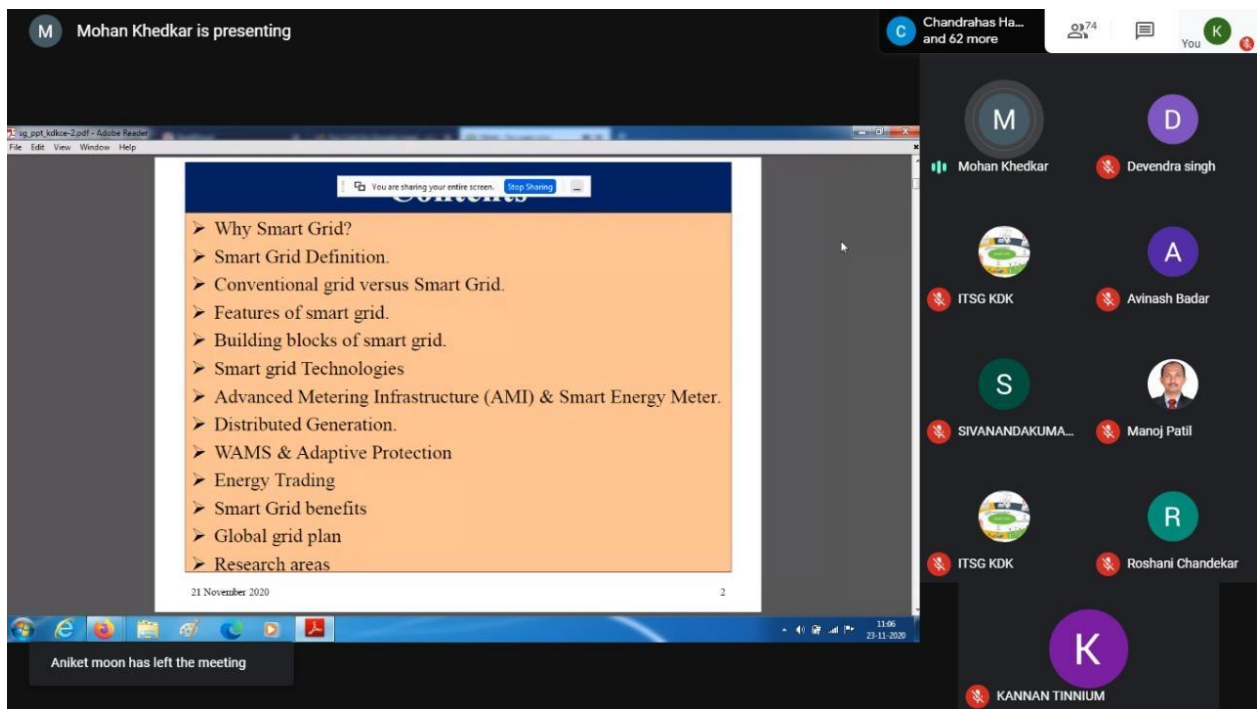
The screenshot displays a Zoom webinar interface. At the top, the status bar shows the time as 11:01 AM and 11:08 AM, along with network and battery icons. The Zoom logo and a 'Leave' button are visible in the top left. The main content area is split into two sections: a white slide on the left and a 3-D modeling image on the right. The slide text reads: 'SESSION STARTS AT 11:05AM', 'AI IN ENGINEERING', 'By KRUNAL KALBENDE, Computer Scientist, CEO (COJAG), ALUMNI, IIT KHARAGPUR'. The 3-D image is titled '3-D Modeling using GIS and AI for Transportation mobility' and shows a topographical map. On the right, a vertical gallery of four participants is shown: Dr. Shubhangi Ambekar, Girdharilal Agrawal, KRUNAL KALBENDE, and sudha srinanth. The bottom toolbar includes icons for Unmute, Start Video, Share, Participants, and More, with the text 'CoJag Smart Technology Pvt. Ltd.'s screen' below it.

9. International Yoga day celebration on dated 21 June 2020

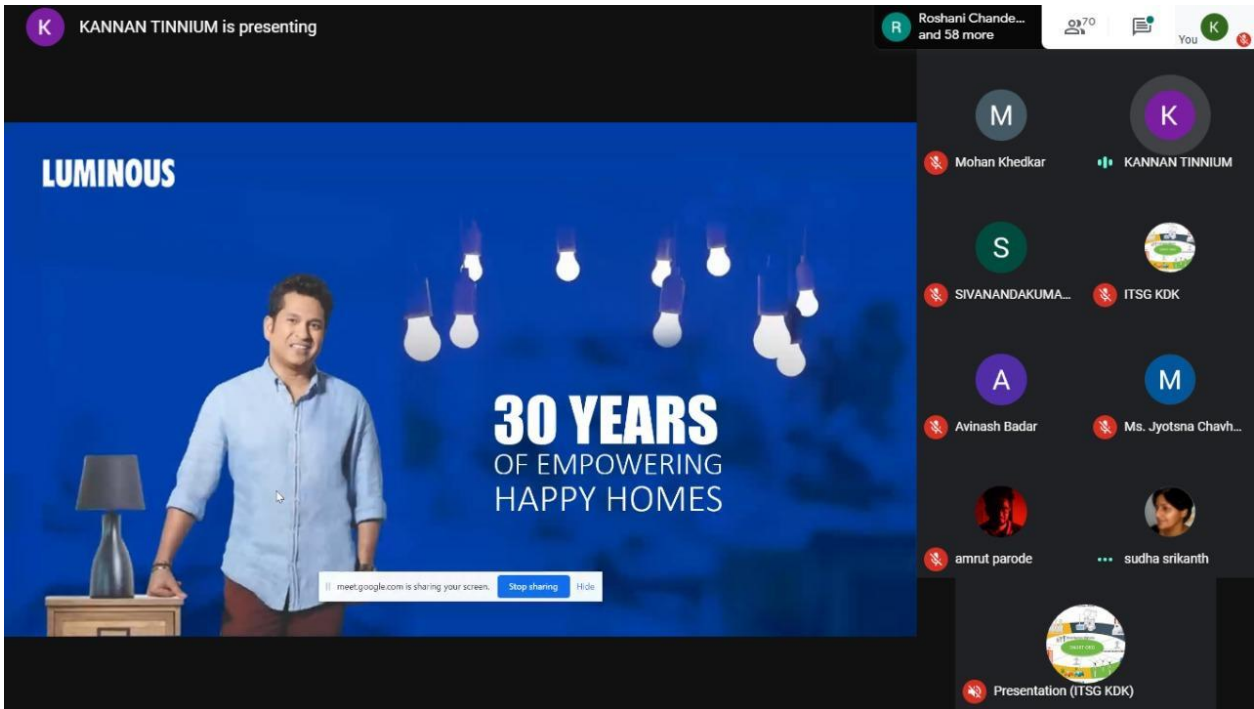




10. Two weeks AICET SPONSORED Faculty Development Program On ‘Introduction to Smart Grid ITSG-2020’ was conducted in Two phases. First phase was from 23<sup>rd</sup> November 2020 to 4<sup>th</sup> December 2020 and Second phase was held from 7<sup>th</sup> December to 18<sup>th</sup> December 2020.







ITSG KDK is presenting

ITSG KDK and 34 more

46 You

College of Engineering,  
(Accredited by NBA & NAAC)  
DEPARTMENT OF ELECTRICAL ENGINEERING  
Organizes  
AICTE Sponsored  
Two Weeks Online Faculty Development Program  
On  
Introduction to Smart Grid (ITSG-2020)  
(Phase-I)  
23rd Nov. 2020 to 4th Dec. 2020  
AUGURATI

Ravindra Moharil has left the meeting

ITSG KDK  
KANNAN TINNIUM  
Devendra singh  
Avinash Badar  
Mohan Khedkar  
Manoj Patil  
SIVANANDAKUMAR D

ITSG KDK is presenting

shrikant mangate and 19 more

31 You

K.D.K. College of Engineering, Nagpur  
(Accredited by NBA & NAAC)  
DEPARTMENT OF ELECTRICAL ENGINEERING  
Organizes  
AICTE Sponsored  
Two Weeks Online Faculty Development Program  
On  
Introduction to Smart Grid (ITSG-2020)  
(Phase-I)  
23rd Nov. 2020 to 4th Dec. 2020


ITSG KDK  
Chandrahas Handa  
KANNAN TINNIUM  
Devendra singh  
Avinash Badar  
Mohan Khedkar  
Manoj Patil  
Rohan Ingle

meet.google.com/jpq-nmzu-wje?authuser=0

REC Shubhangi Ambekar is presenting

## New Generation Technologies

- NEXT GENERATION SOLAR** - efficiencies above 30%
- WAVE ENERGY** - The world electricity demand is 17500 TWh and the sea has a potential to generate over 100,000 TWh
- Ocean thermal energy conversion (OTEC)**
- NEXT GENERATION WIND TURBINES**
- Waste to Energy**
- Next Generation Nuclear Plants**



ITSG-2020 Phase-II

People (37)

- Savita Borate
- Shubhangi Ambekar
- Shubhangi Ambekar Presentation
- Shubhangi Ambekar
- Sudha Srikanth
- Supriya Bhuran
- SURESH KUMAR P
- Swati Patel
- trupti mane
- Vedanti Hardas

Shubhangi Ambekar is presenting

2:07 PM 12/7/2020

meet.google.com/jpq-nmzu-wje?authuser=0

REC prashant navalkar is presenting

DEFINITION MEASUREMENT COORDINATION REQUIREMENTS PHASOR DATA CONVENTIONS APPLICATIONS SYNCHROPHASORS TIMETAG FOR SYNCHROPHASORS

## REPORTING RATE AND REPORTING TIME

The phasors must be reported in form of frames with time stamp

The standard requires that these frames are reported at regular intervals

Reporting rate for 50 Hz system frequency	10 Hz	25 Hz
Reporting rate for 60 Hz system frequency	15 Hz	30 Hz

The reporting rate can go up to 50 Hz and 100 Hz if applications require

ITSG-2020 Phase-II

People (32)

Let everyone send messages

hod electrical 2:45 PM  
Please look into WhatsApp group for information.  
@Swati Patel: Please see WA for registration number

hod electrical 2:47 PM  
@Akshay Shirbhate: refer to WA messages

Swati Patel 2:57 PM  
Actually my name is Janak Patel and in WA group no link, my registration number is 236  
My mob numbers is 9904293736

Swati Patel 3:00 PM  
I am join from mobile n if any call is coming then it's automatically dejoin from fdp

Send a message to everyone

prashant nav... Shubhangi A... Sudha Srikan... prasanna Tit... Abhay Halma... hod electrical Sandeep Mude

3:20 PM 12/7/2020

Inbox (7) - hodelectrical@kdkce x Meet - ITSG-2020 Phase-II x KDK College of Engineering x +

meet.google.com/jpq-nmzu-wje?pli=1&authuser=0

Sudha Srikanth is presenting

ITSG-2020 Phase-II

People (25)

- Saurabh Panchal
- Shubhangi Ambekar
- Shubhangini Kamble
- sudha srikanth
- Sudha Srikanth
- Supriya Bhuran
- Tanu Rizvi
- trupti mane
- Vaibhaw Doifode
- Vedanti Hardas

10:43 AM 12/8/2020

Inbox (7) - hodelectrical@kdkce x Meet - ITSG-2020 Phase-II x Dr. Bhuvaneshwari IITD - Google x +

meet.google.com/jpq-nmzu-wje?pli=1&authuser=0

Sudha Srikanth is presenting

REC

ITSG-2020 Phase-II

People (30) -05:25

RAISED HANDS

- prasanna Titarmare

IN CALL

- hod electrical (You)
- Aavishkar Wanjari
- Abhijit Pande
- Akshay Shirbhate

meet.google.com/jpq-nmzu-wje?pli=1&authuser=0

REC Bhimrao Umre is presenting



## Optimum Utilization of Magnetization Characteristics for Power Capacity Enhancement of the Transformer and considerable saving in core cost

Dr. B. S. Umre,  
Department of Electrical Engineering,  
**VNIT, Nagpur**

meet.google.com is using your screen. [Stop sharing](#)

ITSG-2020 Phase-II

People (23) Chat

Add people Host controls

IN CALL

- hod electrical (You)
- Aavishkar Wanjari
- Abhay Halmare
- Akil Ahemad
- Bhimrao Umre
- Bhimrao Umre Presentation
- Bhoopesh Chaudhari


10:43 AM 12/9/2020

meet.google.com/jpq-nmzu-wje?pli=1&authuser=2

REC Anuradha Charugalla is presenting

### DNP 3 WITH SECURE AUTHENTICATION

- Ensures message was:
  - Sent by Authorized User
  - Not tampered with
- Uses MAC (Message Authentication Code mechanism).



Meeting details

People (31) Chat

Add people

IN CALL

- Vedanti Hardas (You)
- Aavishkar Wanjari
- Abhay Halmare
- Abhijit Pande
- Akil Ahemad
- Anuradha Charugalla
- Anuradha Charugalla Presentation
- Tanu Rizvi

1:34 PM 12/9/2020

meet.google.com/jpq-nmzu-wje?pli=1&authuser=0

REC D DGM CESC is presenting

# Deployment of Smart Grid Solutions – A Case Study

Ramaswamy R  
CESC, Mysore

ITSG-2020 Phase-II

People (28)

RAISED HANDS

- prasanna Titarmare

IN CALL

- hod electrical (You)
- Aavishkar Wanjari
- Akil Ahemad
- Akshay Shirbhate
- Anurag Borkhade
- Bhoopesh Chaudhari
- chandar sharma

DGM CESC, sudha srikanth, prasann..., Shubhangi A..., Dr. SARAVAN..., Swati Patel, Bhoopesh Ch...

3:06 PM 12/8/2020

meet.google.com/jpq-nmzu-wje?pli=1&authuser=0

REC N Nitin Ghawghawe is presenting

# Power System Deregulation and Recent Trends in Power System Operation & Control

by : Dr.N.D.Ghawghawe  
email : g\_nit@rediffmail.com

ITSG-2020 Phase-II

People (36)

Add people Host controls

IN CALL


- hod electrical (You)
- Aavishkar Wanjari
- Abhay Halmare
- Akil Ahemad
- chandar sharma
- Chandrashekar Hiwar...
- Deepak Shahakar

Nitin Ghawgh..., Shubhangi A..., Akil Ahemad, Prasann Tita..., ITSG KDK, Sudha Srikan..., Deepak Shah...

3:07 PM 12/9/2020

Dr. Ritula Thakur is presenting

# Big Data Analytics for Smart Grid


**Dr. Ritula Thakur**  
 Associate Professor  
 Electrical Engineering Department  
 NITTR, Chandigarh

Meeting details

People (41)

Add people

IN CALL

- Vedanti Hardas (You)
- AKANKSHA LANJEWAR
- Akil Ahemad
- ANKUSH BAWANE
- ASHWINI THAKRE
- chandar sharma
- CHANDRAKANT KALODE
- Chandrashekhar Hiwar...


12:35 PM 12/17/2020

11. Parents Teacher meet 2020-2021 was conducted on 5<sup>th</sup> December 2020.

hod electrical is presenting

Vedanti Hardas and 43 more

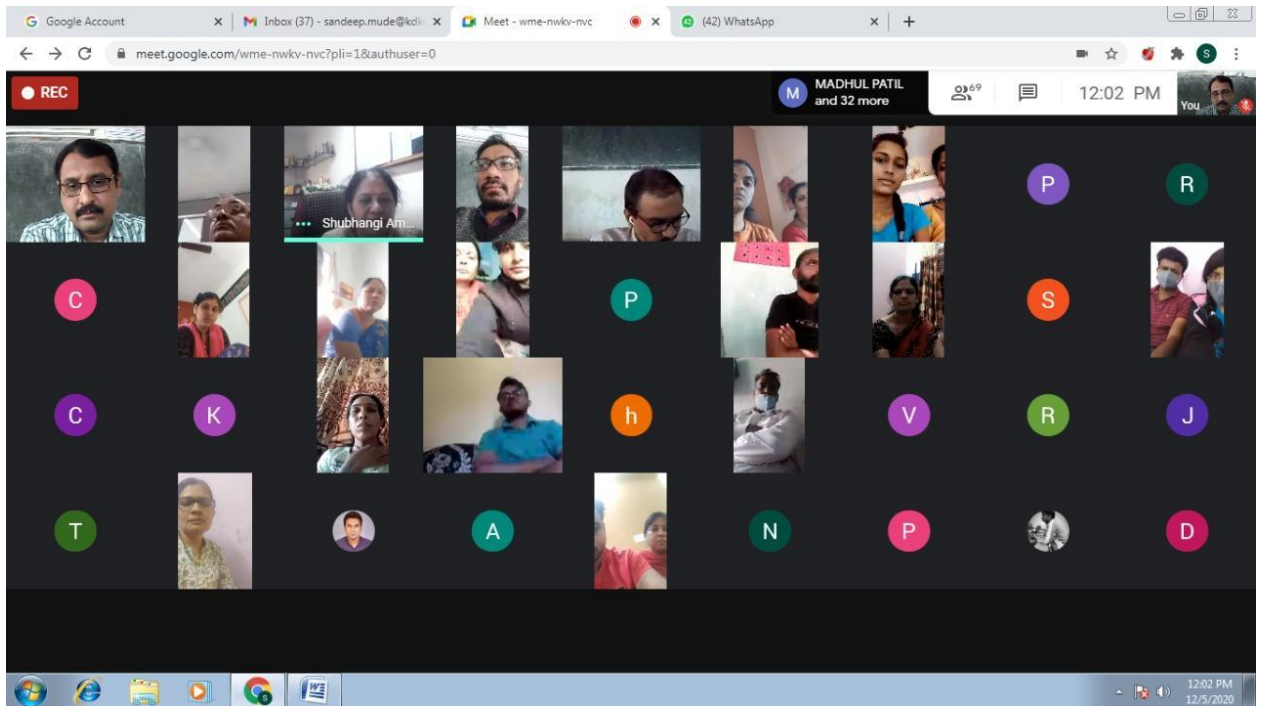
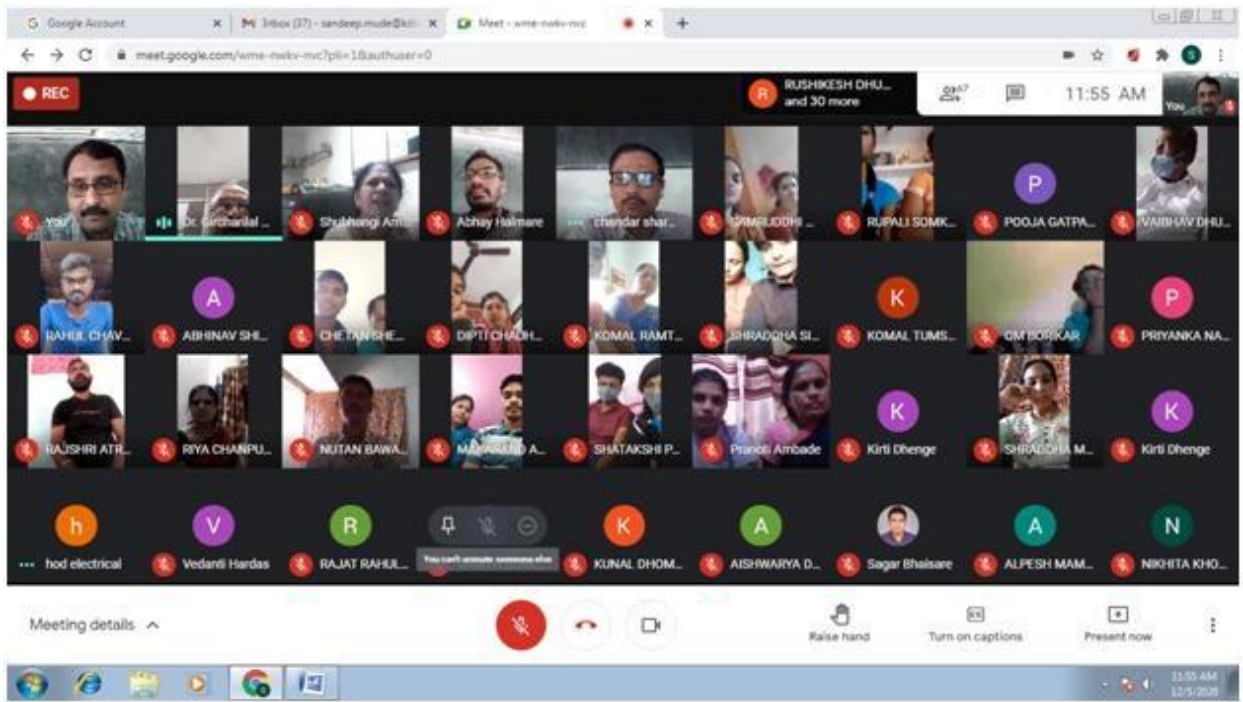
11:44 AM

**K.D.K. College of Engineering, Nagpur**  
 (Accredited by NBA & NAAC)  
 DEPARTMENT OF ELECTRICAL ENGINEERING  
  
 Welcome You All  
**Parents Teacher Meet**  
 2020-21  
 5th Dec 2020

Meeting details

You  
 Santoshi Gawande  
 RUPALI SOMKLIWAR  
 Dr. Girharilal Agra...  
 chandar sharma  
 VAIBHAV DHUVE  
 NUTAN BAWANE  
 SHRADDHA SINGH  
 OM BORIKAR  
 RIYA CHANPURKAR  
 SAMRUDDHI DHO...  
 RAJSHIB ATRAM

11:44 AM 12/5/2020





12. Skill development workshop on Technical Paper and Report Writing by A. M. Halmare on dated 20<sup>th</sup> May 2021

The image shows a Zoom meeting interface. The main window displays a presentation slide with the following content:

**Paper Title\*** (use style: *paper title*)

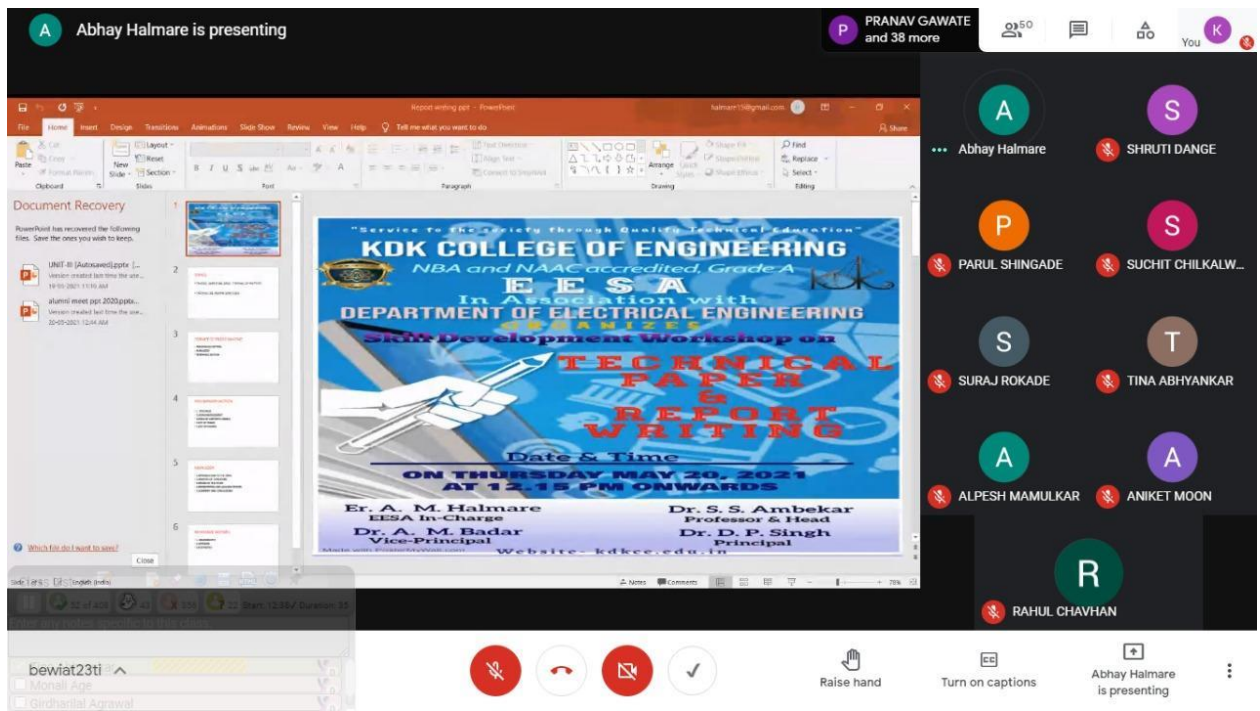
\*Note: Sub-titles are not captured in Xplore and should not be used

line 1: 1 <sup>st</sup> Given Name Surname line 2: <i>dept. name of organization (of Affiliation)</i> line 3: <i>name of organization (of Affiliation)</i> line 4: City, Country line 5: email address or ORCID	line 1: 2 <sup>nd</sup> Given Name Surname line 2: <i>dept. name of organization (of Affiliation)</i> line 3: <i>name of organization (of Affiliation)</i> line 4: City, Country line 5: email address or ORCID	line 1: 3 <sup>rd</sup> Given Name Surname line 2: <i>dept. name of organization (of Affiliation)</i> line 3: <i>name of organization (of Affiliation)</i> line 4: City, Country line 5: email address or ORCID
line 1: 4 <sup>th</sup> Given Name Surname line 2: <i>dept. name of organization (of Affiliation)</i> line 3: <i>name of organization (of Affiliation)</i> line 4: City, Country	line 1: 5 <sup>th</sup> Given Name Surname line 2: <i>dept. name of organization (of Affiliation)</i> line 3: <i>name of organization (of Affiliation)</i> line 4: City, Country line 5: email address or ORCID	line 1: 6 <sup>th</sup> Given Name Surname line 2: <i>dept. name of organization (of Affiliation)</i> line 3: <i>name of organization (of Affiliation)</i> line 4: City, Country line 5: email address or ORCID

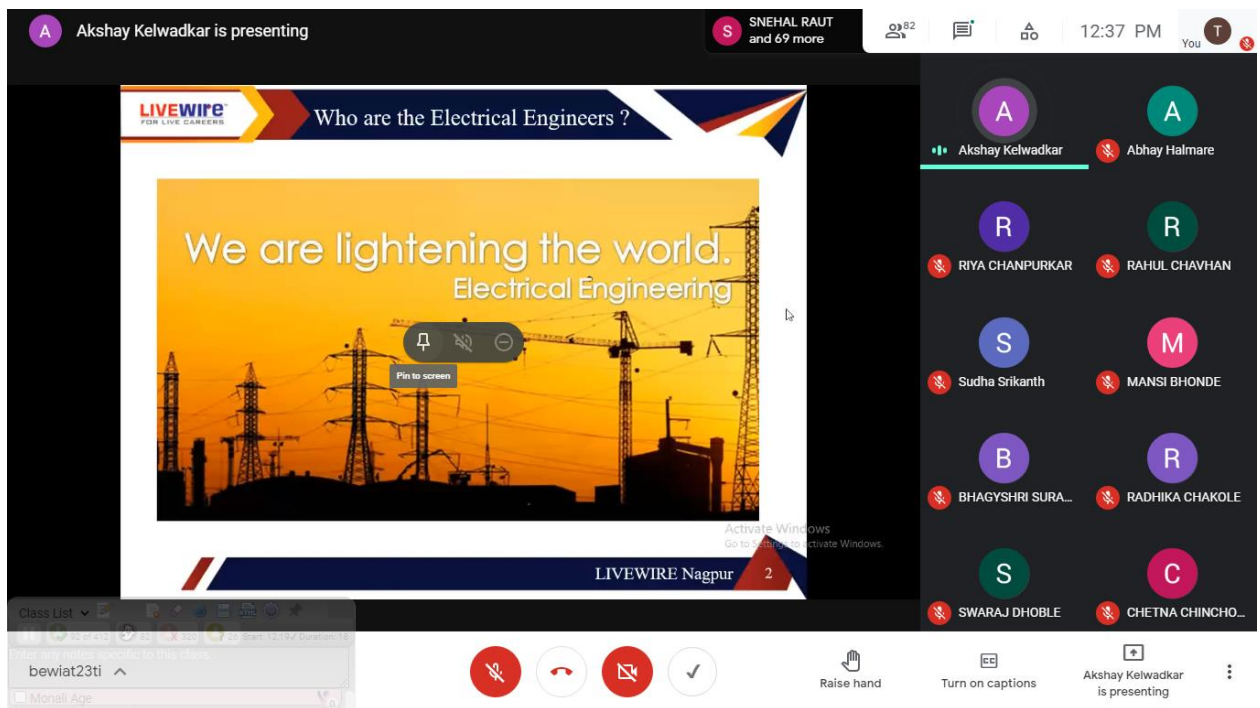
A notification at the bottom left of the slide reads: "SAMIKSHA JAMJAR has left the meeting".

The Zoom interface includes a top bar with "Abhay Halmare is presenting", a participant list showing "NIDHI CHAVHAN and 39 more", and a bottom toolbar with icons for mute, video, chat, and other controls. A list of participants is visible on the right side of the screen, including:

- SUCHIT CHILKALW...
- SURAJ ROKADE
- KRUTIKA BAHADE
- SACHIN IRUTKAR
- AKASH NALE
- AMRAPALI NARNA...
- RAHUL CHAVHAN
- Abhay Halmare
- NIKHITA HINGE



13. Webinar on 'Modeling of Electrical System' by Mr. Akshay Jain, Centre Head, LIVEWIRE, on dated 25<sup>th</sup> May 2021.



Akshay Kelwadkar is presenting

SHRADDHA SIN... and 75 more

12:50 PM

**LIVEWIRE FOR LIVE CAREERS** 1. TECHNICAL SKILLS

**TECHNICAL SKILL YOU CAN ACQUIRE FROM YOUR DEGREE PROGRAM**

**Important Subjects :**  
 Electrical machines, Power System,  
 Control System, Switchgear & Protection,  
 Utilization of Electrical Energy

LIVEWIRE Nagpur 6

Class List

bewiat23ti

Monali Age

RAISE HAND

TURN ON CAPTIONS

Akshay Kelwadkar is presenting

Participants: Akshay Kelwadkar, MAYUR GAYAKWAD, RAHUL CHAVHAN, Abhay Halmare, RIYA CHANPURKAR, Sudha Srikanth, MANSI BHONDE, RADHIKA CHAKOLE, SWARAJ DHOBLE, DHANASHRI SATP...

Akshay Kelwadkar is presenting

PUJA GONGALE and 70 more

1:01 PM

**LIVEWIRE FOR LIVE CAREERS** **Speaker**

**Mr. Akshay Jain**

- Centre Head, LIVEWIRE
- Electrical Engineer
- Sr. Design Engineer
- Corporate Trainer
- Freelancer

**Contact :**  
 akshayjain@livetechskills.com  
 +91-9096060149  
 WWW.LIVETECHSKILLS.COM

LIVEWIRE Nagpur 9

Class List

bewiat23ti

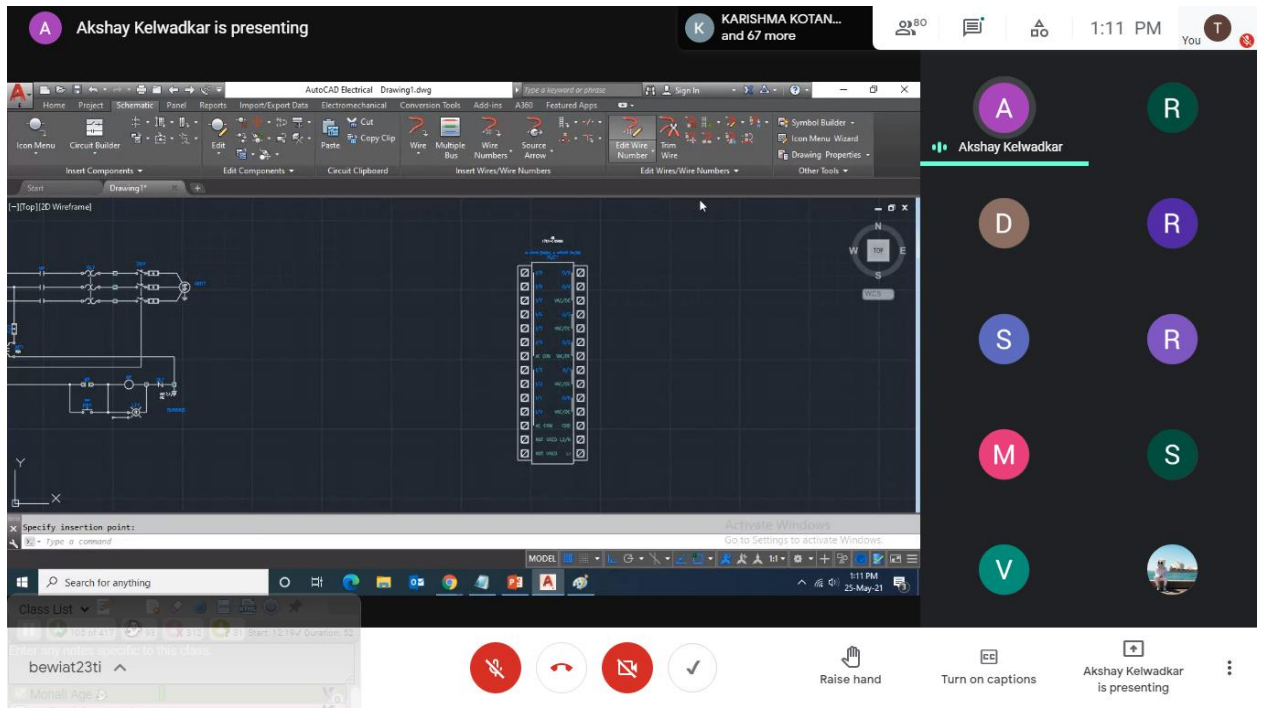
Monali Age

RAISE HAND

TURN ON CAPTIONS

Akshay Kelwadkar is presenting

Participants: Akshay Kelwadkar, MAYUR GAYAKWAD, RAHUL CHAVHAN, Abhay Halmare, RIYA CHANPURKAR, Sudha Srikanth, RADHIKA CHAKOLE, MANSI BHONDE, DHANASHRI SATP..., SWARAJ DHOBLE



14. Webinar for Faculty and Final year students on Intellectual Property Rights (IPR) & Patent process by Expert Speaker Shri Pankaj Borkar, Dy controller of Patents and Design, RGIIPR, Nagpur on Thursday 27th May 2021

Meeting details

Meeting details (73) 71

Add people

IN CALL

- Kirti Dhenge (You)
- AARTI YADAV
- Abhay Halmare
- abhishek allarwar
- ACHAL DONGARE
- AISHWARYA DASHPUTRE
- AKASH KHATIK
- AKSHAY NANDANWAR

### Background of Intellectual Property

```
graph TD; Property --> Tangible["Tangible (Measure)"]; Property --> Intangible["Intangible (not measure)"]; Tangible --> Movable["Movable Eg.: Car"]; Tangible --> Immovable["Immovable Eg.: Building"]; Intangible --> IntellectualProperty["Intellectual Property"]; IntellectualProperty --> IndustrialProperty["Industrial Property"]; IntellectualProperty --> Copyrights["Copyrights"]; IndustrialProperty --> Patents["Patents, Designs, Trademarks, GIs"];
```

15

Meeting details

Meeting details (73) 71

Add people

IN CALL

- Kirti Dhenge (You)
- AARTI YADAV
- Abhay Halmare
- abhishek allarwar
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- AKASH KHATIK
- AKSHAY NANDANWAR

Meeting details

Meeting details (73) 71

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Meeting details (73) 71

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- AKSHAY NANDANWAR

# Mechanical tree climber

Renga nathan developed a mechanical tree climber which can be used for scaling palm and coconut trees.

the tree climber uses a 'four-lock pin' system to prevent falls.

The device now sells across south Asia.

Meeting details

Meeting details (73) 71

Add people

IN CALL

- Kirti Dhenge (You)
- AARTI YADAV
- Abhay Halmare
- abhishek allarwar
- ACHAL DONGARE
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- AKASH KHATIK
- AKSHAY NANDANWAR

Meeting details

Meeting details (73) 71

Add people

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- AKASH KHATIK
- AKSHAY NANDANWAR

Meeting details

Meeting details (73) 71

Add people

IN CALL

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- AARTI YADAV
- Abhay Halmare
- abhishek allarwar
- ACHAL DONGARE
- AISHWARYA DASHPUTRE
- AKASH KHATIK
- AKSHAY NANDANWAR

rgniipm nagpur is presenting ANIKET MOON and 54 more 12:40 PM You

## Website of O/o CGPDTM



**INTELLECTUAL  
PROPERTY INDIA**  
PATENTS | DESIGNS | TRADE MARKS  
GEOGRAPHICAL INDICATIONS

# www.ipindia.gov.in

7

Class List

Monali Age

Meeting details

Meeting details

Meeting details

🔴
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🔴
✅

👏
🗣️
📄
⋮

Raise hand Turn on captions rgniipm nagpur is presenting

rgniipm nagpur is presenting JANHVI BORKAR and 46 more 12:37 PM You

## Disclaimer and Copyright

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Suggestions for improvement of this material will be gratefully accepted.

Class List

Monali Age

Meeting details

Meeting details

Meeting details

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Raise hand Turn on captions rgniipm nagpur is presenting

New Microsoft Of...pptx Show all X

### Patent

#### Exclusive privilege / Right (given for Invention )

- granted by Government
- to the patentee
- for 20 years from date of filing / priority
- for commercial gain
- in consideration of full disclosure of his invention
- as a Territorial Right & not world wide



🔍 [View on Google](#) [Stop sharing](#) [Help](#)

44

Participant list:

- r rgnlpm nagpur
- V Vedanti Hardas
- K KARISHMA KOTAN...
- V VAISHNAVI JIWAN...
- SACHIN IRUTKAR
- P PUJA BHIWGADE
- S SWAPNIL PETKAR
- S SHRADDHA SINGH
- A Abhay Halmare

Meeting details ^



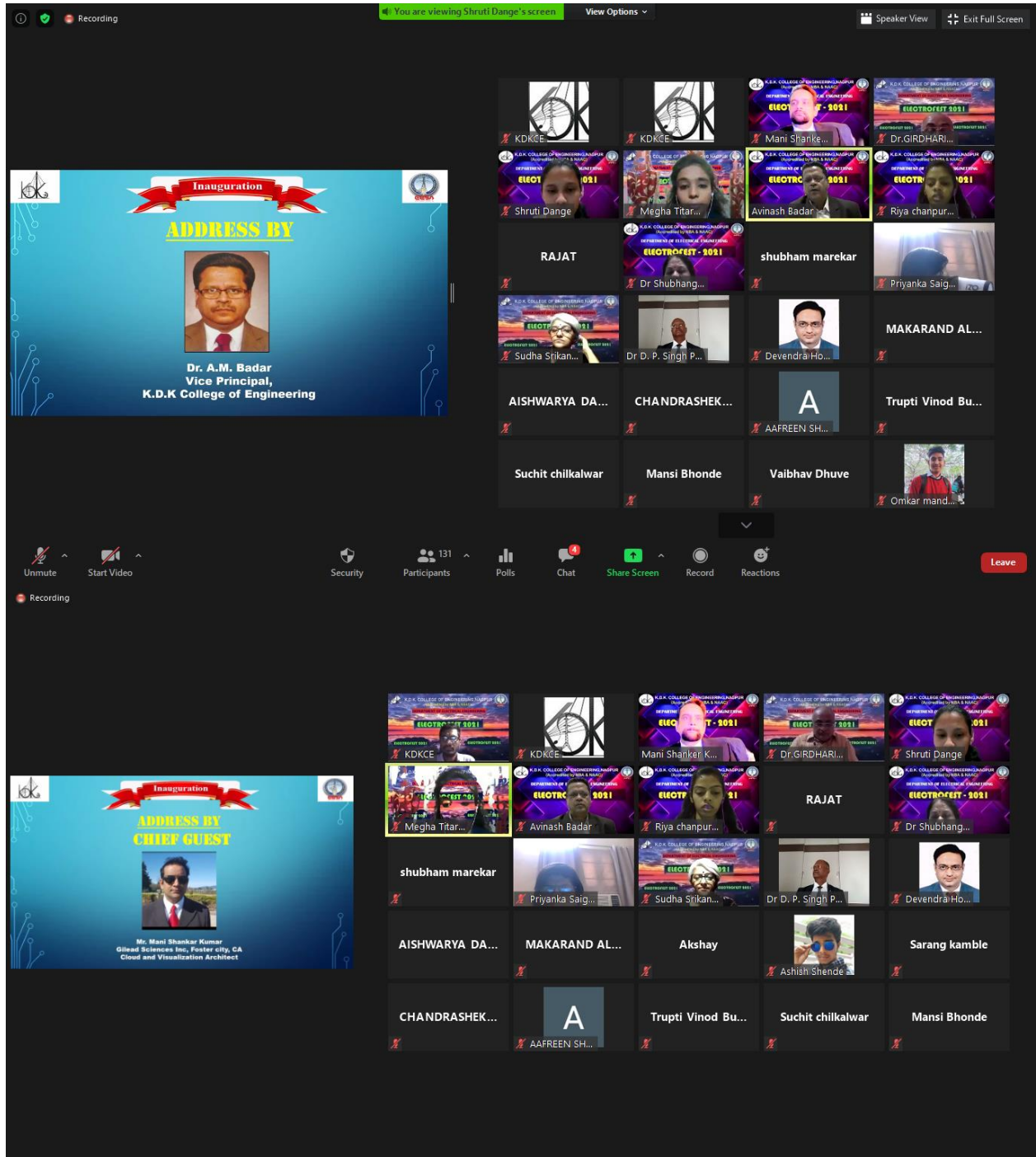
👋 Raise hand

📄 Turn on captions

👤 rgnlpm nagpur is presenting



15. ELECTROFEST was organized on 7<sup>th</sup> and 8<sup>th</sup> June 2021. Chief guest of the function was Mr. Mani Shankar Kumar, Guilead Sciences Inc, Foster city CA, Cloud and Visualization Architect and Guest of Honor was Ms. Priyanka Sehgal, Head, Knowledge Management for ABC Consultants.





Zoom Meeting

Recording

Participants (154)

Find a participant

- KDKCE (Co-host, me)
- KDKCE (Host)
- Shrutu Dange
- Dr Shubhangi Ambekar (Co-host)
- Dr.GIRDHARILAL AGR... (Co-host)
- Mani Shanker Kumar ... (Co-host)
- AISHWARYA DASHPUT... (Co-host)
- Chandrakant Sharma (Co-host)
- MAKARAND ALONI (Co-host)
- Megha Titaramre (Co-host)
- Riya Chanpurkar (Co-host)
- Riya chanpurkar
- Santoshi Gawande
- Dr D. P. Singh Principal
- Aachal Bahade

Invite Mute All

Zoom Meeting

Recording


Participants (137)

Find a participant

- KDKCE (Co-host, me)
- KDKCE (Host)
- Shrutu Dange
- Dr Shubhangi Ambekar (Co-host)
- Dr.GIRDHARILAL AGR... (Co-host)
- Mani Shanker Kumar ... (Co-host)
- Megha Titaramre (Co-host)
- AISHWARYA DASHPUT... (Co-host)
- Chandrakant Sharma (Co-host)
- MAKARAND ALONI (Co-host)
- Riya Chanpurkar (Co-host)
- Avinash Badar
- Riya chanpurkar
- Dr D. P. Singh Principal
- Priyanka Saigal

Invite Mute All

Recording



Priyanka Saigal	Avinash Badar	Sudha Srikanth...
Dr D. P. Singh Pr...	OPPO A83	Sarang kamble
CHANDRASHEK...	Utkarsha ishwar...	A
Devendra Holey	AISHWARYA DA...	Trupti Vinod Bu...
Suchit chilkalwar	MAKARAND AL...	Mansi Bhonde


Participants (137)

Find a participant

- KDKCE (Co-host, me)
- KDKCE (Host)
- Shruti Dange
- Dr Shubhangi Ambekar (Co-host)
- Mani Shanker Kumar ... (Co-host)
- Megha Titaramre (Co-host)
- AISHWARYA DASHPUT... (Co-host)
- Chandrakant Sharma (Co-host)
- Dr.GIRDHARILAL AGR... (Co-host)
- MAKARAND ALONI (Co-host)
- Riya Chanpurkar (Co-host)
- Dr D. P. Singh Principal
- Riya chanpurkar
- 1X6vOqjm8vv9xTT\_3015GXypN...
- Aachal Bahade

Invite Mute All

Recording



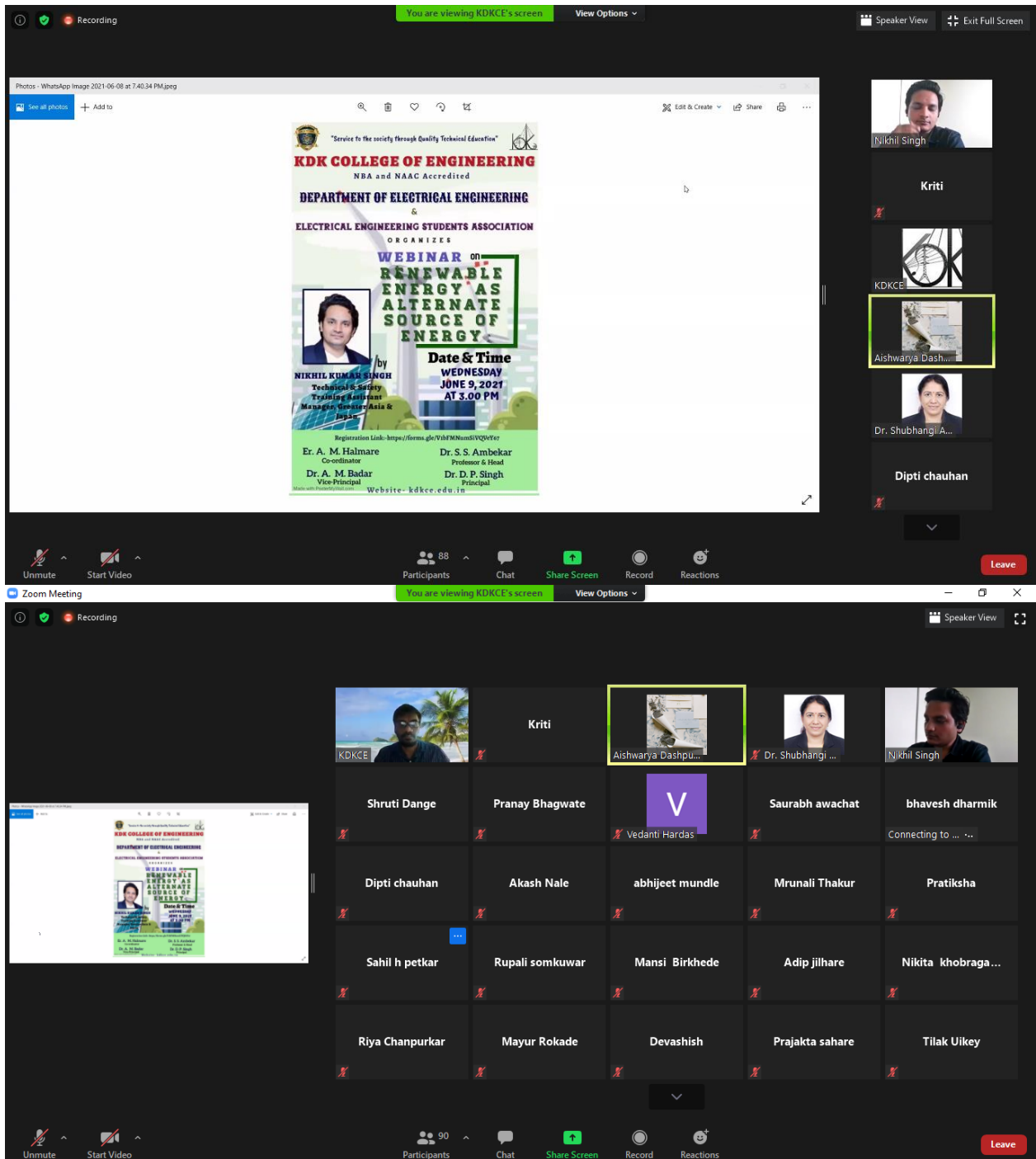
KDKCE	KDKCE	Mani Shanker Ku...	Dr.GIRDHARILAL A...	AISHWARYA DA...
Megha Titaramre	Santoshi Gawan...	MAKARAND AL...	Arijit Singh	Riya chanpurkar
POCO M2 Pro	RAJAT	Akash Khatik	Dr Shubhangi Am...	shubham marekar
Priyanka Saigal	Mansi Birkhede	Avinash Badar	Sudha Srikanth...	Dr D. P. Singh Prin...
Shruti Dange	CHANDRASHEK...	Vaibhav	Utkarsha ishwar...	Suraj Rokade

Participants (122)

Find a participant

- KDKCE (Co-host, me)
- KDKCE (Host)
- MAKARAND ALONI (Co-host)
- Dr Shubhangi Ambekar (Co-host)
- Dr.GIRDHARILAL AGRAWAL (Co-host)

16. Webinar on 'Renewable Energy As Alternate Source of Energy' by Expert Speaker: Er. NIKHIL KUMAR SINGH, Technical & Safety Training Assistant Manager, Greater Asia & Japan, on dated 9<sup>th</sup> June 2021.



Recording You are viewing Nikhil Singh's screen View Options Speaker View Exit Full Screen

### Vestas Scope of Renewable Energy, India

Wind. It means the world to us.™

- India is the world's **fourth largest** onshore wind market by installations, with **37.5 GW** of capacity as of 2019 and has the potential for more than **695 GW** at **120 meters**
- The GOI has set a target of installing **175 GW** of renewable energy capacity by the year **2022**.

- Solar (utility-scale, distributed, off-grid/mini-grid – **100 GW**)
- Wind (utility-scale – **60 GW**)
- Small hydro (**5 GW**)
- Bioenergy (**10 GW**)

- The government has set a target to reach a total wind capacity of **140 GW** by **2030**
- India Energy Security Scenarios **2047** show a possibility of achieving a high of **410 GW** of wind and **479 GW** of solar PV
- Total installed capacity **302GW**
- India coastline area is about **7500 km - OFF-shore Turbines**

Reference: <https://vestas.in/india/development-usa/>

	Kriti	Aishwarya D...	Dr. Shubhan...
Shruti Dange	Saurabh awachat	Dipti chauhan	
abhijeet mundle	Mrunali Thakur	Pratiksha	Sahil h petkar
Rupali somkuwar	Mansi Birkhede	Adip jilhare	Nikita khobraga...
Riya Chanpurkar	Mayur Rokade	Devashish	Prajakta sahare
Tilak Uikey	Chandrakant Sh...	Rajshri Atram	SIDDHESHW...

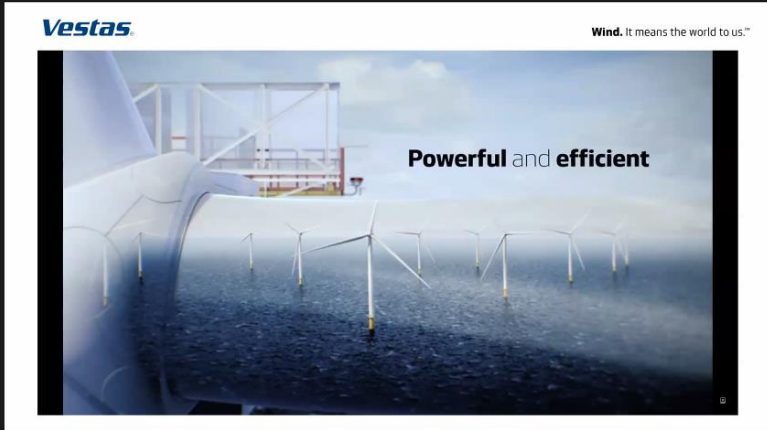
Unmute Start Video Participants 108 Chat Share Screen Record Reactions Leave

### Vestas What we do?

Wind. It means the world to us.™

Østerild, Denmark

	Kriti	Shruti Dange	CHANDRASHEK...
RAHUL CHAVHAN	Aishwarya D...	Sakshi Vaidya	CHE TAN RAMB...
	Dipti chauhan	abhijeet mundle	Mrunali Thakur
	Rupali somkuwar	Nikita khobraga...	Riya Chanpurkar
Mayur Rokade	Prajakta sahare	Tilak Uikey	Chandrakant Sh...
Rajshri Atram	SIDDHESHW...	Vaishnavi Hukare	Ambi Hatwar



	Kriti	Shruti Dange
CHANDRASHEK...	RAHUL CHAVHAN	
Sakshi Vaidya	CHE TAN RAMB...	
Kunal Nichante	KUNAL Dhomne	Dipti chauhan
abhijeet mundle	Mrunali Thakur	Rupali somkuwar



	Kriti	Shruti Dange
CHANDRASHEK...	RAHUL CHAVHAN	
Sakshi Vaidya	CHE TAN RAMB...	
Kunal Nichante	KUNAL Dhomne	Dipti chauhan
abhijeet mundle	Mrunali Thakur	Rupali somkuwar

17. Webinar on Topic "CAREER FOR ELECTRICAL ENGINEER IN GOVERNMENT SECTOR" Expert Speaker: Er. PANKAJ GARG M.Tech IIT Delhi Faculty of Engineers Academy on dated 10<sup>th</sup> June 2021.

You have extensions installed that may affect the quality of your call Learn more Dismiss

Formal presentation  
By  
Engineers Academy

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Abhay Halmare  
ADIP JILHARE  
SHRUTI DANGE  
Chandrashekhar Hiw...  
ANJALI NANDANKAR  
AVINASH BHOYAR  
NIHAL THAKKAR  
82 others  
You

Nimbus Learning  
Class List  
aqwneru6eq

REC You have extensions installed that may affect the quality of your call Learn more Dismiss

GATE 2022 Exam Pattern

Section	Question No	No. of Question	Marks
General Aptitude	1 to 5	5	15
	6 to 10	5	15
Technical + Engineering Mathematics	11 to 35	25	75
	36 to 65	30	90

Total Questions : 85    Total Marks : 100    Total Duration : 3 Hours

Technical Section: 70-73 Marks    General Aptitude: 15 Marks    Engineering Mathematics: 15 Marks

Abhay Halmare  
SHRUTI DANGE  
Chandrashekhar Hiw...  
TINA ABHYANKAR  
ANJALI NANDANKAR  
AVINASH BHOYAR  
ADIP JILHARE  
81 others  
You

Nimbus Learning  
Class List  
aqwneru6eq

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A  
ADIP JILHARE

N  
NUTAN BAWANE

S  
SHRUTI DANGE

Abhay Halmare

Chandrashekar Hiwarkar

Sachin Mankawade

Career Options After Engineering  
Informal presentation on  
B.Tech Engineers  
www.eng...  
Nimbus Learning

U N  
71 others

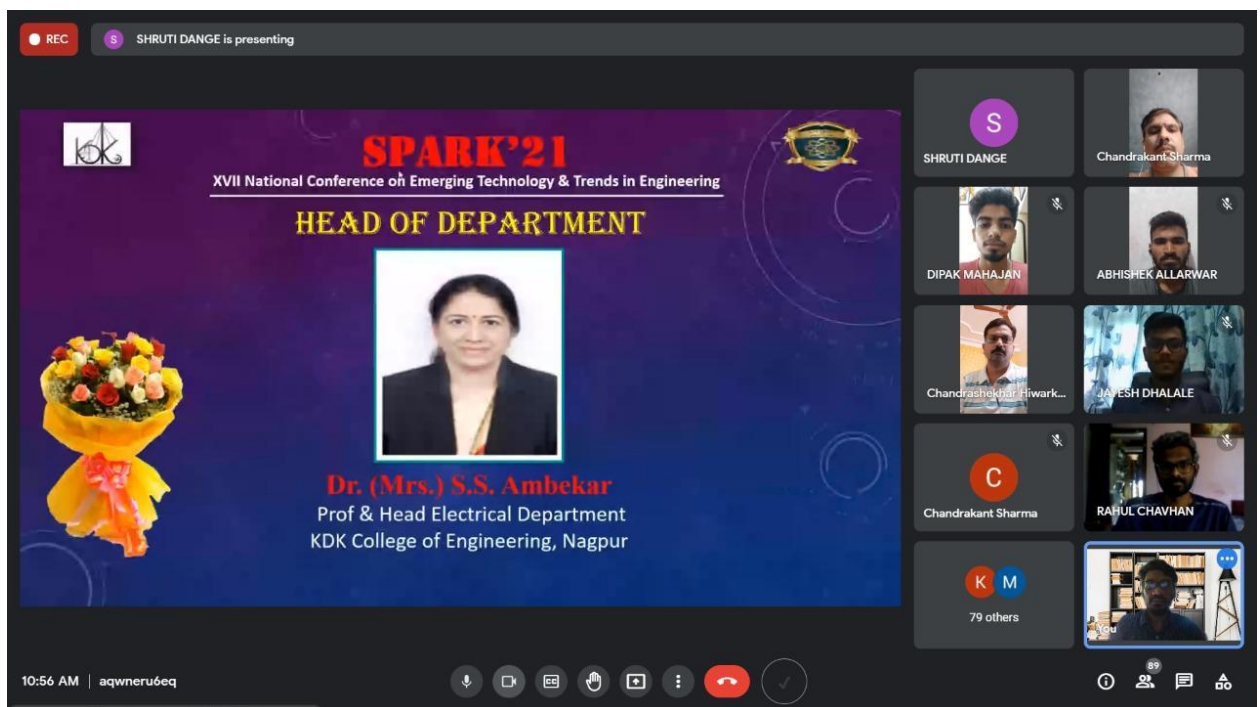
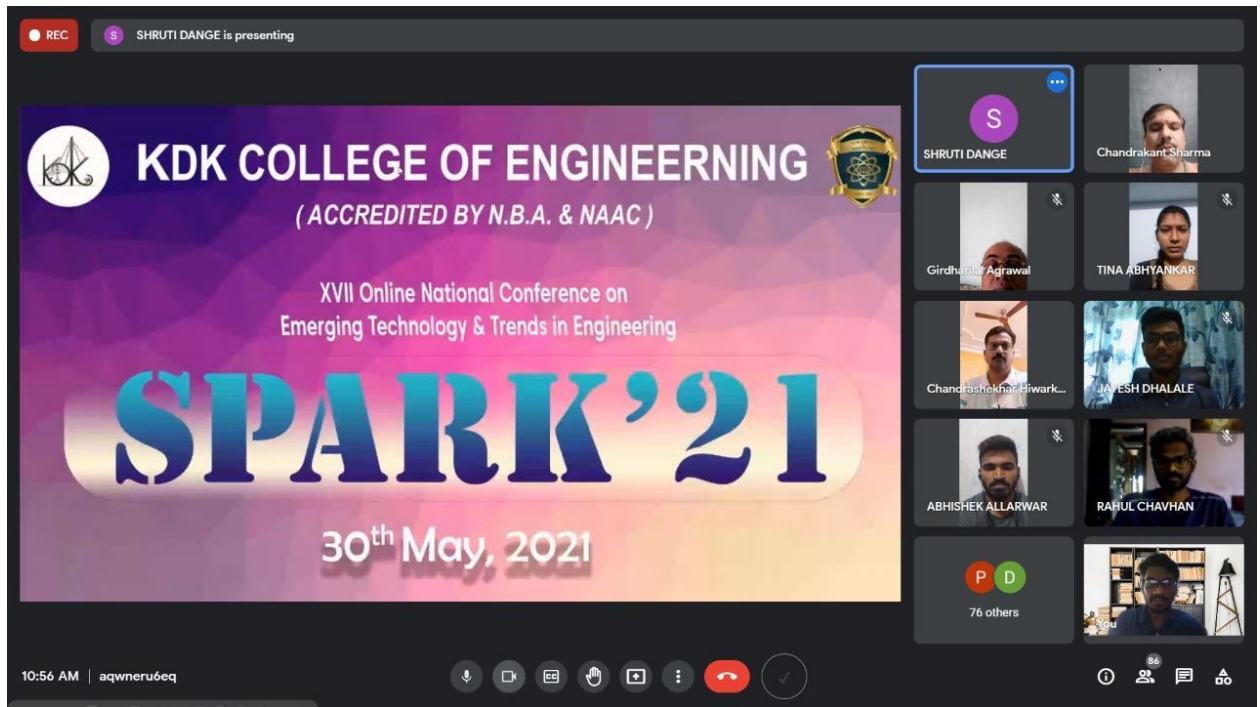
K  
You

Class List  
16 of 294  
aqwneru6eq

Microphone, Camera, Chat, Hand, Screen Share, More, End Call, Join

79  
Info, People, Chat, Grid

18. Spark 2021, Paper presentation conducted on dated 12<sup>th</sup> June 2021.





REC SHRUTI DANGE is presenting

**SPARK'21**  
XVII National Conference of Emerging Technology & Trends in Engineering  
**HON' JUDGE**

**Prof. C.J. Sharma**  
Electrical Department  
KDK College of Engineering, Nagpur

10:56 AM | aqwneru6eq

SHRUTI DANGE  
Chandrakant Sharma  
DIPAK MAHAJAN  
ABHISHEK ALLARWAR  
Chandrashekhar Hiwarkar...  
JAYESH DHALALE  
Chandrakant Sharma  
RAHUL CHAVHAN  
79 others

Inbox (132) - abhay.halmare@k... x | Project Seminar x | Meet - izf-xngv-gnc x +

https://meet.google.com/izf-xngv-gnc?authuser=0

REC MOHIT SONKUSARE is presenting

Class List

Enter any notes speaking in this chat

### Application

Farming the design of furrow openers of seed drills varies to Suit the soil condition of particular region.

- Most of the seed cum fertilizer drills are provide with pointed Tool To form a narrow slit in the soil for seed deposition. Gardening seeds are broadcasted on the soil which results in The Loss and damage of the seeds.
- As the cost of seeds is more and cannot be affordable for the soil Farmers so there is the need for the proper placement

18

MOHIT SONKUSARE

Nidhi Chavhan

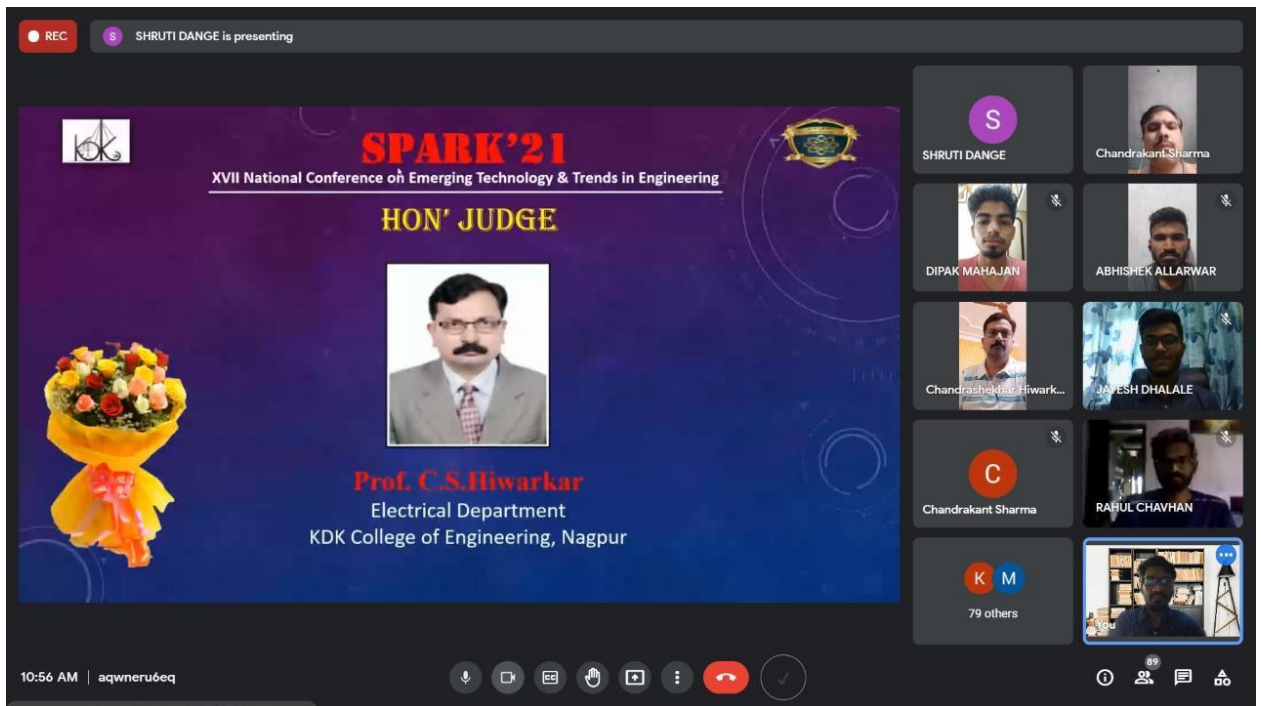
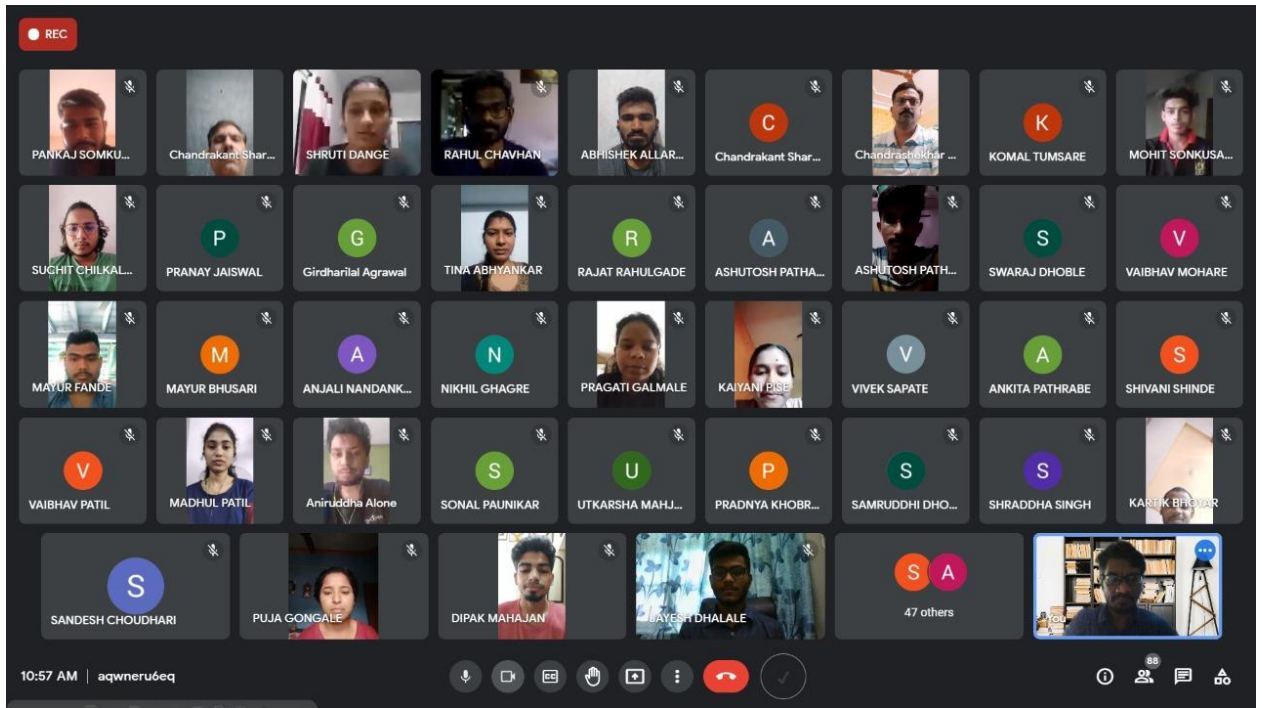
10:31 AM | aqwneru6eq

Chandrakant Sharma  
Chandrakant Sharma  
Shubhangi Ambekar  
Chandrashekhar Hiwarkar  
PRANAY JAISWAL  
TINA ABHYANKAR  
81 others  
You

Type here to search

35°C

10:31 AM  
12-06-2021



19. Webinar on “Understanding innovation and Entrepreneurship” by Institutional Innovation Council, Entrepreneurship Development cell on 28/05/2021

REC All Pro Auto Consultants is presenting

"Service to the society through Quality Technical Education"  
**K.D.K. COLLEGE OF ENGINEERING, NAGPUR**  
 (NBA & NAAC ACCREDITED)

Online Webinar On  
**"Understanding Innovation and Entrepreneurship"**

**FREE REGISTRATION**  
 On 28/05/2021 at 12:15 pm

By **Satyam Sarma**  
 Alumnus & Auto Industry Consultant

Under the ageist of  
**Institution's Innovation Council & Council For Technical Education (AICTE)**

Organised by  
**Institution's Innovation Council , Entrepreneurship Development Cell  
 And Mechanical Engineering Department**

Participants will get e-certificate

<b>Mr V. D. Dhopte</b> Asst. Professor Co-ordinator	<b>Mr V. N. M</b> Asst. Professor Co-Incharge	<b>Prof. A. M. Badar</b> Professor & HOD Mech Engg Dept	<b>Jr A. M. Badar</b> Vice-Principal KDKCE	<b>Dr D. P. Singh</b> Principal KDKCE
---	---	---	--	---

MRUNAL MANAPURE has raised a hand

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Guest Lecture on "Understanding..."

(84)

Mute all Add people Host controls

RAISED HANDS

Suraj Ninawe

IN CALL

Vikrant Dhopte (You)

Vikrant Dhopte Your presentation

ABHIJEET DWIVEDI

Pro Auto Consultants is presenting

REC All Pro Auto Consultants is presenting

DARSH TEMBHE... and 89 more

100 12:42 PM You

**The Problem**

What is the problem you are trying to solve?

- Does the problem exist
- How severe or big is the problem
- Does this problem require a solution
- How many solutions can it have

Validate the problem with real life examples

- A real time case study of the problem and its affects
- A Quantified set of examples with related data
- Case studies , projects done on it or similar areas that might exist anywhere in the world

GAYATRI MHASHAKHETRI has left the meeting

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

Guest Lecture on "Understanding ..."

Raise hand Turn on captions All Pro Auto Consultants is presenting

Participants: You, AKSHAY DHEKW..., Pranav Kumar, All Pro Auto Con..., Rajeev Goswami, Vedanand Mujb..., Mohammed Mu..., SARANG KHAND..., MANSI BHONDE

20. Guest lecture on Wind Energy Generation as a component of a Smart Grid by Phani Kumar, AVP Operations Energy Project on dated 19/12/2020

Meet - ITSG-20... x | Inbox (7) - hodelec... x | Inbox (2) - fdpitsg... x | Attendance & Fee... x | Inbox (163) - vedan... x | Meet - jpq-nm... x | Attendance & Fee... x

meet.google.com/jpq-nmzu-wje

REC Phani Manju is presenting

## Wind formation

- There are three scales of motion of atmosphere
  - ❖ General circulation
    - Caused by uneven heating of earth and seas.
  - ❖ Secondary Circulation
    - Caused by pressure differences due to cooling or heating of lower atmosphere
      - Hurricanes, monsoon circulation, etc
  - ❖ Tertiary Circulations
    - Purely local effects
      - sea & land breezes, mountain winds

So.  
When uneven temperatures

ITSG-2020 Phase-II

People (92) Chat

SURESH KUMAR P	🔇	⋮
Swati Patel	🔇	⋮
trupti mane	🔇	⋮
TUSHAR MAHAKALKAR	🔇	⋮
UTKARSH DHOLANE	🔇	⋮
VAIBHAV MOHARE	🔇	⋮
VAIBHAVI JAMKAR	🔇	⋮
VAISHNAVI HUKARE	🔇	⋮
Vedanti Hardas	🔇	⋮
YOGESHRI KOTRANGE	🔇	⋮

chandar shar... | Abhay Halma... | Phani Manju | Safique Mem... | prasanna Tit... | PRANAV GA... | Shubhangi A...

12:44 PM  
12/10/2020


Meet - ITSG-2020 Phase-II | Inboxes | Attendance & Feedback | Meet - jpq-nmzu-wje

meet.google.com/jpq-nmzu-wje


**REC** Phani Manju is presenting


## Large Rotor Blades


**Boeing 747-400**



3 x 4.361' rotor (204 m diameter)







Participants: chandar shar..., PRANAV GA..., prasanna Tit..., Safique Mem..., Phani Manju, Shubhangi A..., Akil Ahemad

System tray: 1:53 PM 12/10/2020

ITSG-2020 Phase-II

People (70) -07:04 Chat

Let everyone send messages

[https://docs.google.com/spreadsheets/d/1w\\_V1hsTfmsAsPKAx1hgkK7PdTM0dLE16UMW7Gix94/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1w_V1hsTfmsAsPKAx1hgkK7PdTM0dLE16UMW7Gix94/edit?usp=sharing)

SURESH KUMAR P 12:20 PM  
THANK YOR SIR, EXCELLENT

APARNA BHAJBHUJE 12:20 PM  
Thank you sir

SHWETA BHIVGADE 12:20 PM  
Thank you sir

PRIYA HATWAR 12:21 PM  
Ty sir

You 1:11 PM  
@Manisha Chatur mute your audio n video


Send a message to everyone

Meet - ITSG-2020 Phase-II | Inboxes | Meet - jpq-nmzu-wje

meet.google.com/jpq-nmzu-wje

**REC** Phani Manju is presenting

0:00:49 | 3:02 PM



**FINAL LOOK OF THE FOUNDATION.**

days. We will be doing the intermittent during like spraying the water and other chemicals on this so that will get attention required.

Slide 31 of 41

Next slide

No Notes.

Participants: Phani Manju, chandar shar..., Akil Ahemad, prasanna Tit..., Shubhangi A..., Manu Singh, MAYUR LAK...

System tray: 3:01 PM 12/10/2020

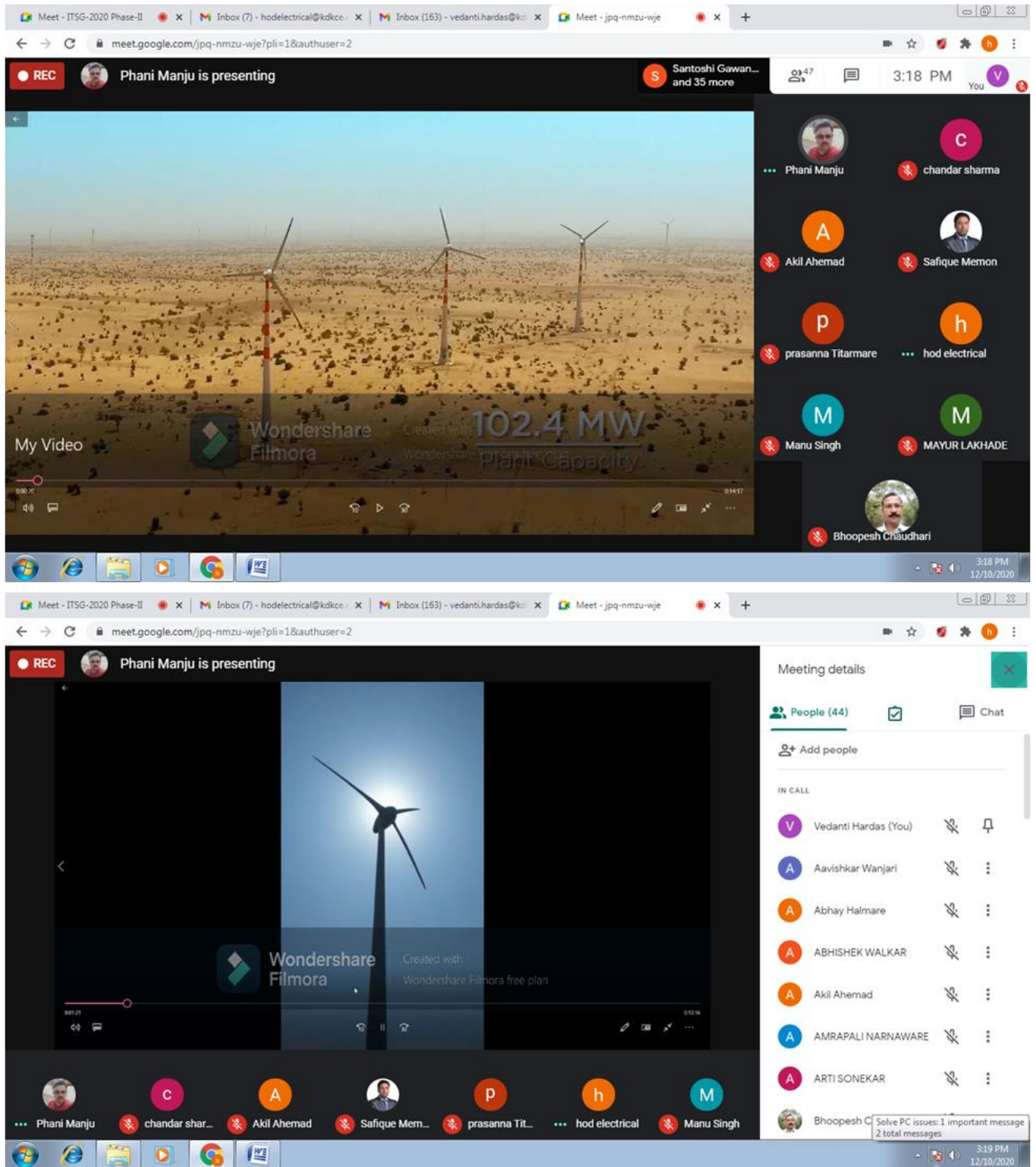
ITSG-2020 Phase-II

People (31) Chat

Add people Host controls

IN CALL

- h hod electrical (You) 🔇 🔔
- A Aavishkar Wanjari 🔇 ⋮
- A Abhay Halmare 🔇 ⋮
- A Akil Ahemad 🔇 ⋮
- A AMRAPALI NARNAWARE 🔇 ⋮
- A ARTI SONEKAR 🔇 ⋮
- c chandar sharma 🔇 ⋮



21. Online Guest lecture on Personality Development/ stress management by Shri. Vishwasji Lapalkar on dated 21/12/2020

meet.google.com/jpq-nmzu-wje?pli=1&authuser=0

Meeting details

People (61)

Add people

IN CALL

- Vedanti Hardas (You)
- Abhay Halmare
- ABHISHEK WATH
- Akil Ahemad
- AMIT WANJARI
- ANSHIKA KOLHE
- Bhoopesh Chaudhari

Final Registration...pdf

meet.google.com/jpq-nmzu-wje?pli=1&authuser=0

Meeting details

People (93)

Add people

IN CALL

- Vedanti Hardas (You)
- Abhay Halmare
- ABHIJEET MUNDE
- ABHINAV SHIVHARE
- ABHISHEK WATH
- ADIP JILHARE
- AISHWARYA DASHPUTRE
- Akil Ahemad

Browser tabs: Inbox (1,67) - vedanti.ha... | Inbox (2,059) - vedanbi... | Meet - jpq-nmzu-wj... | Sent Mail - fdpitsg2020... | Attendance & Feedback... | magas in english - Goo... | +

Address bar: meet.google.com/jpq-nmzu-wje?pli=1&authuser=0



The screenshot shows a Google Meet window. On the left, a video feed shows a man with a white beard and glasses, identified as Vishwas Lapalkar. Behind him is a colorful, circular decorative object on the wall. On the right, a 'Meeting details' sidebar is open, displaying a list of 93 participants. The participants list includes names like Supriya Bhuran, TEJASWINI KHAWAS, TRUPTI BUKNE, trupti mane, UDAY KALASKAR, VAIBHAV MOHARE, VAIBHAVI JAMKAR, VAISHNAVI HUKARE, VINEET PAUNIKAR, and Vishwas Lapalkar. At the bottom of the window, the Windows taskbar is visible with various application icons and a system tray showing the time as 12:44 PM on 12/18/2020.

Meeting details

People (93) Chat

- Supriya Bhuran
- TEJASWINI KHAWAS
- TRUPTI BUKNE
- trupti mane
- UDAY KALASKAR
- VAIBHAV MOHARE
- VAIBHAVI JAMKAR
- VAISHNAVI HUKARE
- VINEET PAUNIKAR
- Vishwas Lapalkar

Vishwas Lapalkar

12:44 PM  
12/18/2020