ITS ENGINEERING COLLEGE
GREATER NOIDA | SINCE 2006

I.T.S Engineering College
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Supporting document for Events Organized To Promote Leadership, Professionalism and High Ethical Standards for Socially Responsible Technocrats.

(2020-21)

ITS Engineering College, Greater Noida

Report of the Event Aug 2020- Jul 2021

S.No.	Name of the Event	Distinguished Guest	Date	Organizing Department	Coordinator of Event	No. of Students Participated	No. of Faculty Participated
1	Career Development Webinar series- " ACADEMIA TO INDUSTRY by Alumni"	Sagar Ram Dev Enabled Software engg. United Echnology	31-08-2020	ITSEC	Mr Navneet Chaudhary	56	5
2	One Day Workshop on " Python programming	Mr. Vikas Kalra, Sr Trainer, CETPA	10-09-2020	CSE Dept.	Dr. Ashish Kumar, Mr.Devesh Garg	160	6
3	"National Engineer's Day"	ITSEC	15-09-2020	ITSEC	Dr. Garima Chande, Ms. Manju Singh	100	4
4	ONLINE Industrial Visit " INDIA TECHNOLOGY WEEK@ HOME 2020" FIFTH EDITION	INDIA TECHNOLOGY WEEK@ HOME2020	16-09-2020	ECE & ITSEC	Dr. Monika Jain	25	4
5	Expert Talk (Online Mode) on "Automation in Power System Operation and Control"	Automation isn Power System Operation and Control	07-10-2020	EEE & ITSEC	Mr. Rajiv Ranjan	32	7
6	" Webinar Series of Academia to industry- Webinar on Public Speaking & Communication Building"	Mr. Ankit Ravindra Jain, Income Tax Dept India	09-10-2020	ECE & ITSEC	Dr. Monika Jain	65	12
7	Webinar on " Data Science using Python"	Mr. Abhinash Mishra, Senior Trainer Machine Learning, CETPA	10-10-2020	CSE Dept.	Mr. Mukesh Kumar	142	5
8	1 Day Workshop on MULTISIM Live	Mr. Nitesh Pradhan, NI-COE Trainer Innovation	17-10-2020	ECE Dept.	Mr. Nitesh Pradhan	62	8
9	Webinar on " Career Opportunities in the field of LabVIEW"	Mr. Devashrishirbhate, TCS Pune	20-10-2020	ECE & ITSEC	Dr. Monika Jain	45	6
10	International Webinar on Methodology to write Research Publication for high Quality Peer Reviewed Journal	Dr. Ashish Khanna, AP MAIT Delhi	19-11-2020	ECE Dept.	Dr. Monika Jain	170	15
11	Industry Expert Talk on " Digital Television Revolution" on the Occasion of " World Television Day"	Dr. Kaushik Saha, CTO Samsung Delhi	21-11-2020	ECE Dept.	Dr. Monika Jain	35	8
12	Webinar on " Green building and sustainable Solution in Civil engineering	INDIA TECHNOLOGY WEEK@ HOME2020	25-11-2020	CE Dept.	Mr. Aungkar Bhagat	65	10
13	Webinar on "Latest Technologies being used in civil Engineering"	Mr. Avanindra Yadav, master trainer ADA Power and Infra Limited	27-11-2020	CE Dept.	Mr. Praveen Kumar Yadav	70	10
14	International Webinar on " Decision Tree Including in Machine Learning"	Dr. Sasi Raja Shekhar Hydrabad	04-12-2020	CSE Dept.	Dr. Kuldeep Chouhan	136	14
15	Webinar on " Career Opportunities in the field of LabVIEW"	Mr. Devashrishirbhate, TCS Pune	07-12-2020	ECE Dept.	Mr. Nitesh Pradhan	87	6
16	Online STTP on Data Services	Mr. Vikas Kalra, Sr Trainer, CETPA, Infotech Noida	10-12-2020	CE Dept. & ITSE	Dr. Setu Garg, Dr. Garima Chandel	70	4
17	International Webinar on " Artificial Intelligence Enabled Internet of Thing"	Dr. Chandrashekhar, Professor, Anurag University	11-12-2020	CSE Dept.	Dr. Kuldeep Chouhan	132	9

S.No.	Name of the Event	Distinguished Guest	Date	Organizing Department	Coordinator of Event	No. of Students Participated	No. of Faculty Participated
18	Guest lecture on Energy consevation - Energy consevation is the foundation of Energy Independence	Dr. Sanjay Agarwal, Asssociate Professor, SOET, New Delhi	14-12-2020	EEE Dept.	Mr. Prabhakar Sharma	45	8
19	Meeting on "Awareness on of IEEE benefits"	Dr. Satish Kumar, IIT Allahabad	18-12-2020	ITSEC	Dr. Monika Jain	34	5
20	Online Expert Talk on " Physics behind Powder and Graunles Interactions"	Dr. Naveen Mani Tripathi, TUM Germany	21-12-2020	ME Dept.	Prof. Manvendra Ydav	87	23
21	Webinar on "Introduction of Embedded AI"	Mr. Nitesh Pradhan, NI-COE Trainer Innovation	23-12-2020	ECE Dept.	Ms Apurva Thakur	40	7
22	Expert Talk on NBA Assesment & Accrediation Process	Dr. R.P. Dhaiya, IIT Delhi	23-12-2020	ITSEC	Dr. Monika Jain	45	6
23	International Webinar on " Career opportunies in Cyber Security Domain"	Ms. Anjali Gautam, Eathical Hacker, Reiance	29-12-2020	CSE Dept.	Dr. Vrinda Sachdeva	118	14
24	5 Days Online STTP on Energy Technologies	Mr. Nitin Srivastava	04-01-2021	ECE & EEE	Dr. Monika Jain	66	15
25	IEEE Connect Program	Dr. Ram Kumar, Mechanical IIT Kanpur	21-01-2021	ECE & EEE	Mr. Rajiv Ranjan	20	18
26	" THE VOICE OF THE BRAINS"	ITSEC	23-01-2021	Student Club	Ms Manju Singh	18	3
27	One Week AICTE sponsored ATAL FDP on Internet of Thing	AKTU Online, Kucknow	08-02-2021-12-02-2021	ECE Dept.	Dr. Monika Jain	1400	45
28	LabVIEW Training Program for CLAD	ITSEC	08-03-2021-22-03-2021	ECE Dept.	Nitesh Pradhan	15	2
29	Industrial Visit	Mr. Tushar, Public, Relation Manager	16-04-2021	MBA Dept.	Mr. Sachin Sinha	21	5
30	"5 Days Multisim Training program for Circuit Design"	ITSEC	19-04-2021-23-04-2021	ECE & ITSEC	Mr. Nitesh Pradhan	45	8
31	Webinar on " Deep Learning"	Mr. Atma Kr Rai, Data science Developer CETPA	01-05-2021	CSE Dept.	Dr Ashish Kumar, Devesh Garg	86	8
32	World Environment Day	ITSEC	05-06-2021	ECE & IEEE	Dr. setu Garg, Dr. Garima Chandel	141	12
33	IEEE UP Section Meet	Dr. Satish Kumar, IIT Allahabad	06-06-2021	IEEE UP Section	Dr. setu Garg, Dr. Garima Chandel, Dr. Setu Garg	45	3
34	Webinar on " A Guidance program on Career Opportunities After B.Tech.	Prof. Anand Kumar, ACE	08-06-2021	ITSEC	Dr. Sanjay Yadav, Rohan srivastava	150	14
35	Webinar on " Data Science"	Mr. Deepak Singh Chauhan, Shapemyskill Pvt. Ltd	09-06-2021	ECE & ITSEC	Mr. Prabhakar Sharma	82	9
36	Poster and Slogan Compitition Nation's Saviours"	ITSEC	19-06-2021	ITSEC	Ms Manju Singh, Dr. Setu Garg	15	3
37	Workshop on " Hardware using digital Components & HDL Implementation on FPGA	Mr. Vaibhava Mishra(Founder & director) Aujus and Pine	21-06-2021	ECE & ITSEC	Mr Praveen Saxena	60	6
38	International webinar on " Cancelable Biometrics on Machine Learning"	Dr. Rnjeet Kumar Raut, IIT Srinagar	26-06-2021	CSE Dept.	Dr. Kuldeep Chouhan	110	11
39	Expert Webinar on " CCNA and Hacking"	Online (Through Google Meet)	03-07-2021	CSE Dept.	Dr. Ashish Kumar, Mr. Devesh Garg	46	6
40	Webinar on " Competency Skills Required for Employbility"	Mr. Iftekhar Ahmad, CCNA Admin	07-07-2021	ECE & ITSEC	Ms. Apurva Thakur	42	3

S.No.	Name of the Event	Distinguished Guest	Date	Organizing Department	Coordinator of Event	No. of Students Participated	No. of Faculty Participated
41	Expert Talk on Career prospect with Digital Marketing	Mr. Satish Anand Soft Skill Trainer	10-07-2021	MBA & B.Tech	Ms. Rashmi Kaushik , Ms. Sana Vakeel	115	12

Prepared By:

Manish Kushwah
(Librarian)

Verified By:

IQAC Coordinator

EVENT REPORT

Name of Event: Career Development Webinar Series- ACADEMIA TO INDUSTRY by Alumni"

Date of Event: August31, 2020
Time: 12:00 PM - 2:00 PM
Organized by: Electronics & Communication Engineering Department, ITS Engineering College, Greater Noida
Event Moderator: Dr. Monika Jain(Prof. & Head-ECE)
Coordinator: Mr. NavneetChaudhary

Alumni as Speakers:

1. Mr.SagarRamdev- Embedded Software Engineer, United Technologies.

2. Mr.AmulyaAnurag- Software engineer, Infosys India.

3. Mr.AshwaniDubey- Telecom Engineer, Mobinets India Pvt. Limited

Objective: The main objective of this webinar was toprovide smart strategiesfor success by our esteemed alumnito our ECE branch students who are at the edge of their placements or in the beginning of their career.

Report:

On August 31, 2020,ECE Department, ITS Engineering College organized a**"Career Development Webinar Series- ACADEMIA TO INDUSTRY by Alumni".**The session was delivered by our three esteemed Alumni of ECE Department- **Mr. SagarRamdev**, Embedded Software Engineer, United Technologies(2013-2017); **Mr. AmulyaAnurag**- Software engineer, Infosys India (2014-2018); **Mr. AshwaniDubey**- Telecom Engineer, Mobinets India Pvt. Limited (2014-2018).ITS Engineering College,Executive Director- Dr. Vikas Singh, Director- Prof. Sanjay Yadav and Dean (Academics)- Prof. Gagan Deep Arora presence graced the program. The guests werewelcomed by HOD ECE- Prof. Monika Jain.Vice Chairman of I.T.S Engineering College, Mr. SohilChaddha has appreciated that these kinds of interactive webinars during this COVID-19 pandemic situation will boost confidenceof our students and motivates them.

Mr. SagarRamdev motivated our students by providing following tips for using these few years of B.Tech effectively: Always focus on basics, there is not as such gap in industry and what you study, Today's tech are just wrapper on basic technologies, Just find out in which you are good or want to pursue career and Try to be consistent, whatever you decide to do.

Mr. AmulyaAnurag talked abouthis personal experience to improve communication skills, which plays key role in placement. He also discussed that coding skills are getting essentials day by day for getting place in industry. For improving coding skills, he suggested few websites such as Hackerrank and Codewar. He also discussed that how students can prepare

for higher studies without any paid coachings. He gave his example of cracking GATE in final year by self-study and with the help of his subject teachers.

Mr. AshwaniDubeyprovided information about the current scenario of jobs in the field of Telecom.He also described how the telecom field is versatile in terms of job opportunities related to software, embedded, IOT etc. He told aboutthe three major steps needed for success as per his own learning during B.Tech. These are: Set the Goal according to interest, Upgrade your skills required, Have patience and wait for Opportunity.

This webinar was very informative and interactive as the students were able to know about how the learning in these few years of B. Tech. will be useful for building their career; they also gained information regarding thecurrent scenarios of industry and how interested student can prepare themselves for higher studies. All ECE students of second, third and fourth year enthusiastically attended the webinar. Webinar was being closed by vote of thanks by the Dr. Ashish Gupta (Prof.-ECE).

Brief about Speakers:

1. Mr. SagarRamdevis Embedded Software Engineer, United Technologies, Hyderabad. He is the Alumni of ITSEC, Greater Noida (Batch 2013-2017). His skillset includes knowledge of various programming languages such as C, C++, STL and Python. He is also having experience of Linux, RTOS and FreeRtos, Network Protocols: I2C, SPI, UART, BACnet and Modbus, Tool Chains & IDE: Linaro cross compilation tool chains, MinGW, Ninja, CMake, Eclipse and Visual studio code, Brief Knowledge about Data Structures & algorithms. He is having good Analytical & Debugging Skills. He also worked with different controllers based on Embedded C platform and Assembly, source version control tools such as Git& IBM Jazz. He is having comprehensive understanding of DBT, Linux & Next Gen. Chillers. He has received several awards including "Pat on Back Award" for understanding & implementing the work swiftly, in June 2018, "TITAN award" for outstanding contribution in UI development & internal database mapping of points And Working closely with the team member form US in December 2019, "TITAN award" for creating a USB tool & QR Password generator for automated testing in March 2020.

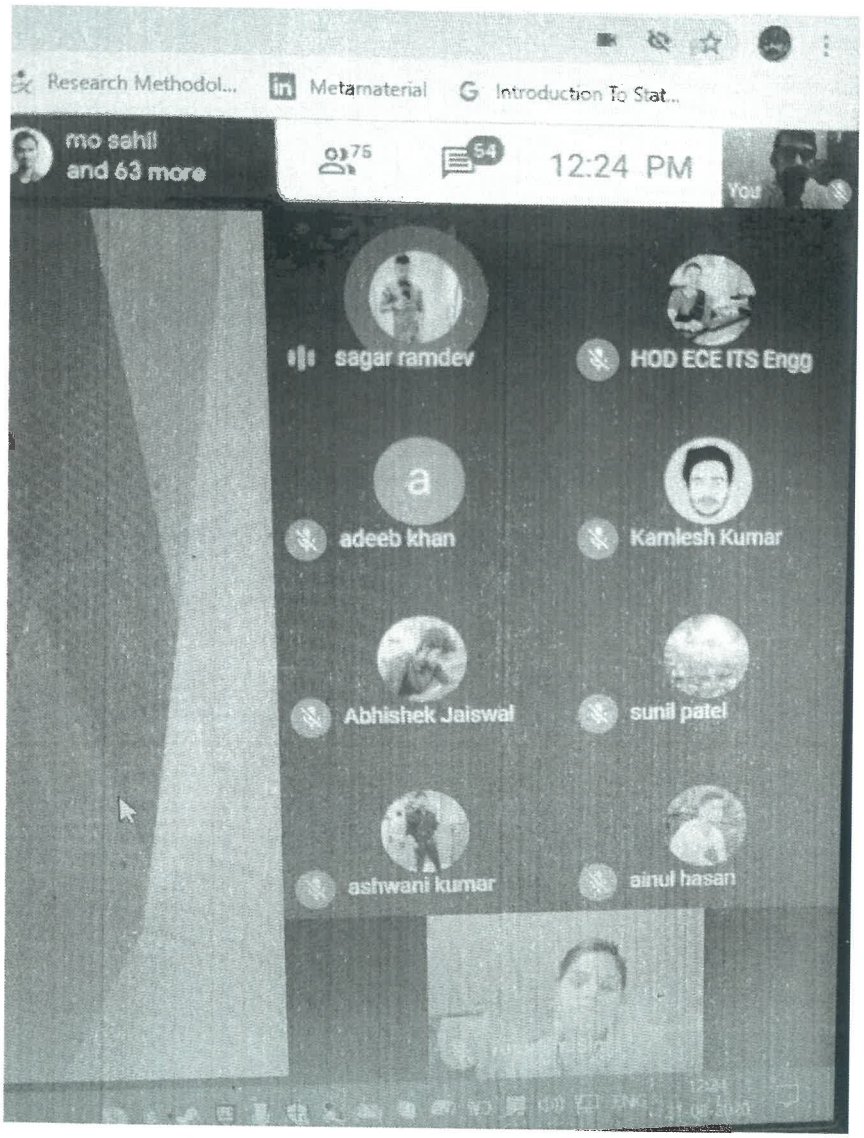
2. Mr. AmulyaAnuragis Software Engineer; Infosys India. He is the Alumni of ITSEC, Greater Noida (Batch 2014-2018). He cracked GATE in 2018 and got an opportunity for M. Tech in NIT Patna. He recently completed his M. Tech. from NIT, Patna and placed in Infosys India. He did M. Tech. in Communication Systems and during that his research area was "Coverage Optimization of Wireless Sensor Network". His area of interest includes Data science, Machine Learning, Natural Language Processing, Python, MATLAB, Tableau, SQL.

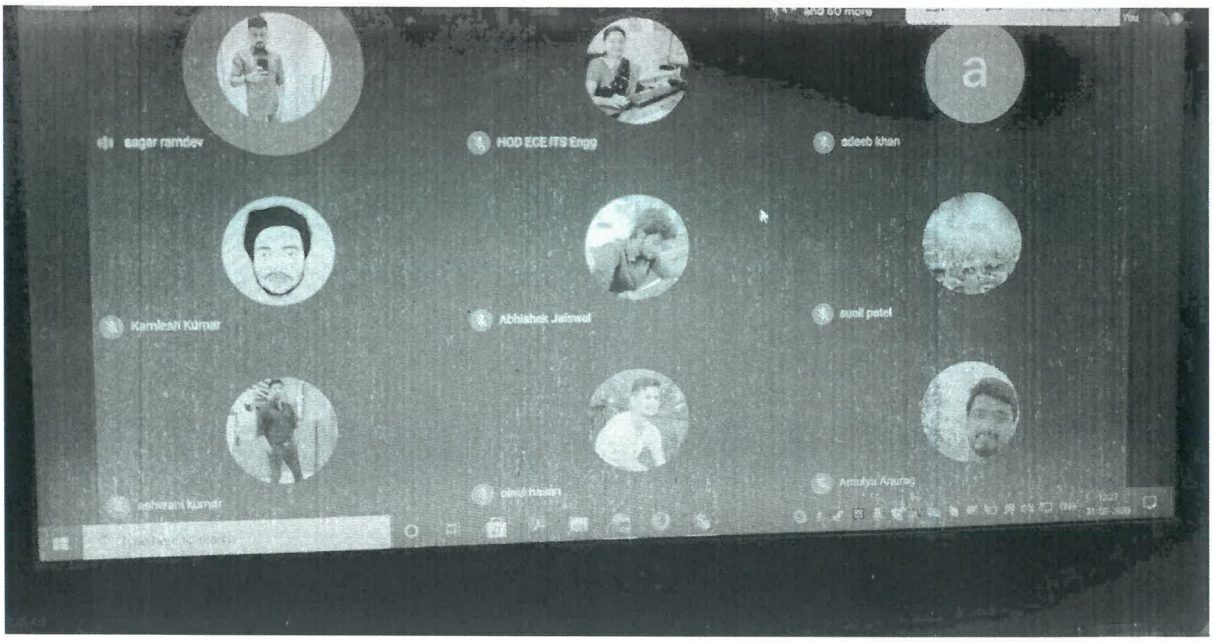
3. Mr. AshwaniDubey is Telecom engineer in Mobinets India Pvt. Limited at Hyderabad. He is the Alumni of ITSEC, Greater Noida (Batch 2014-2018). He represented Mobinets on international projects in various countries such as Oman, Saudi Arabia, Kuwait. He is expert in GSM, OSS, Fixed Access Network, Fibre Homes Network etc.

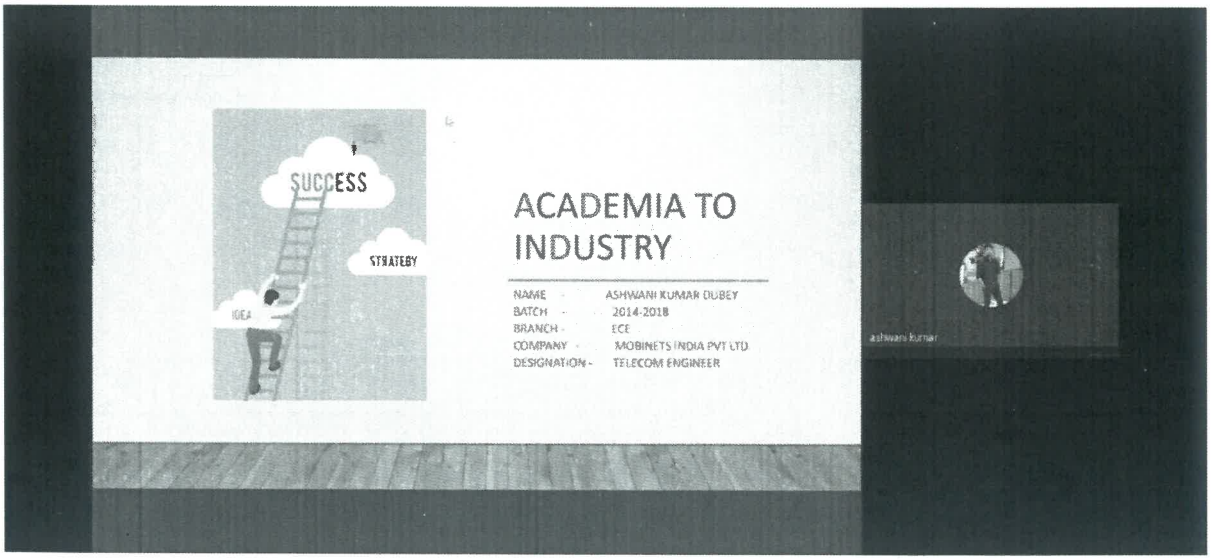
Program Outcome: This webinar became a platform where students interacted directly with their Alumni. As a "Mentor", their alumni understood their anxiety, pressure and stress during these B. Tech. years. This webinar provided smart strategies for success and will assistedthem in boosting their confidence both personally and professionally.

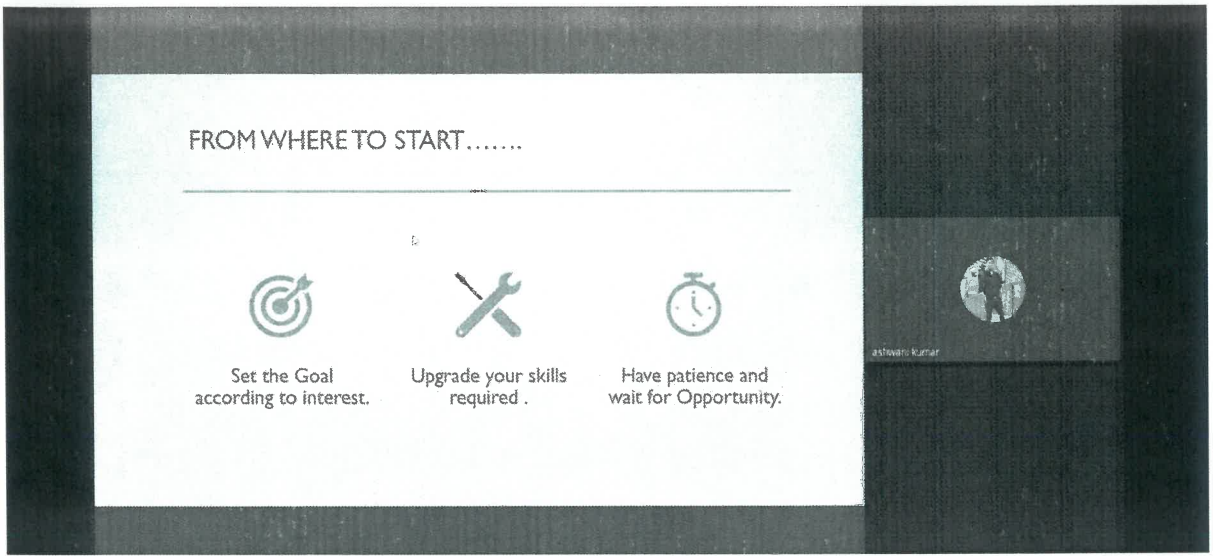
Program attendance:All ECE students and faculty members attended this webinar.

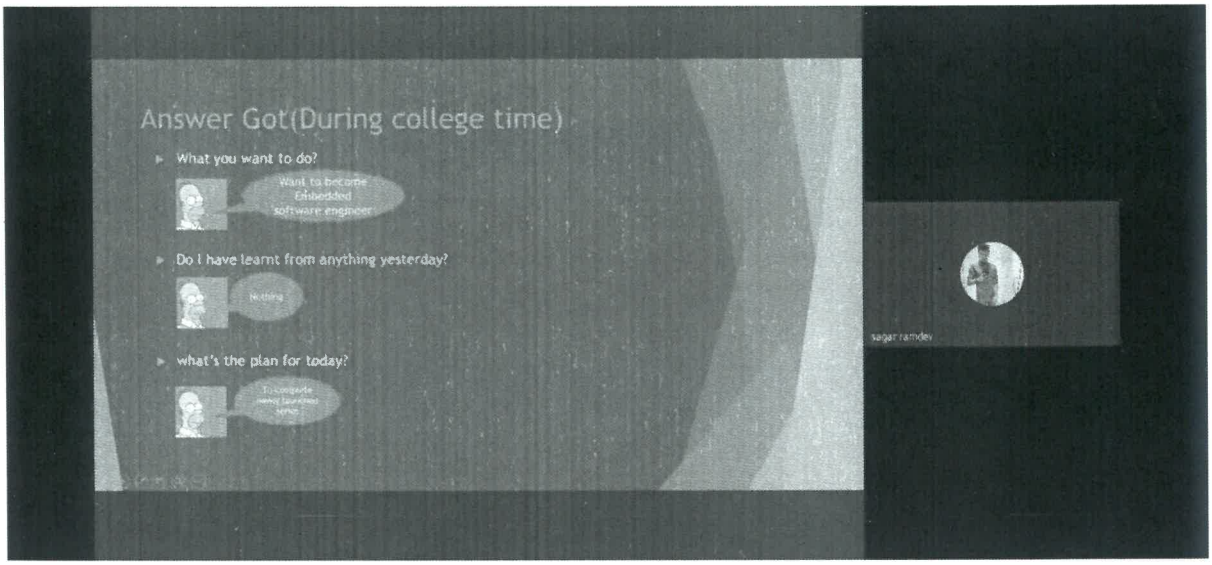
Recording Link: https://drive.google.com/file/d/1lq7le-KcDWq6997OArkHhdDxjONg1lhv/view

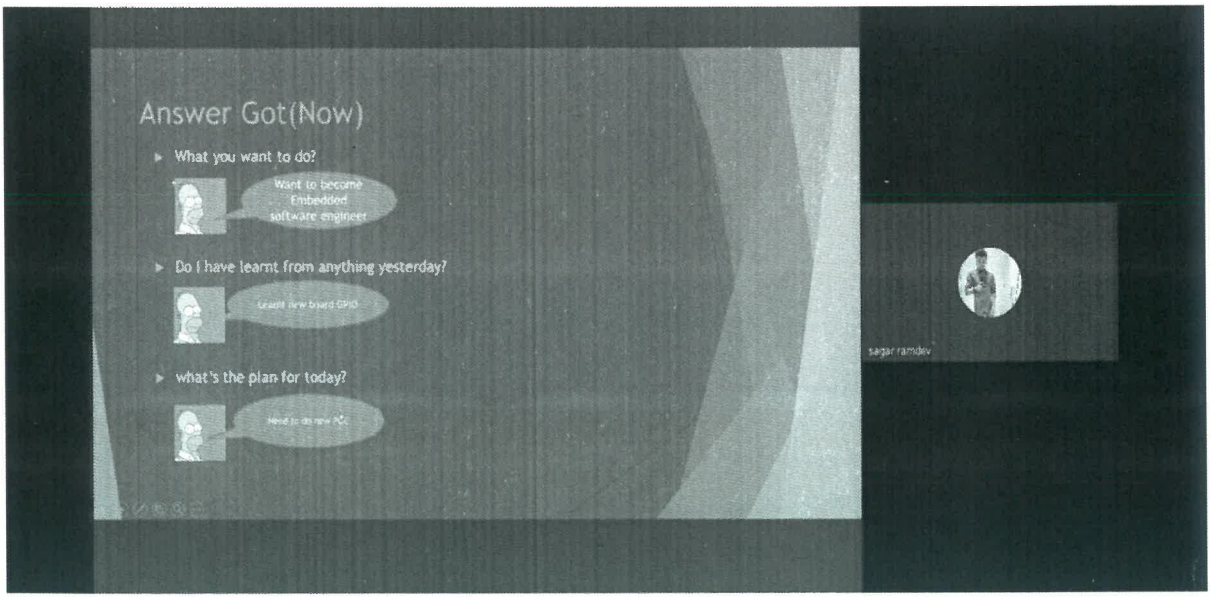



sagar ramdev
HOD ECE ITS Engg
adeeb khan
Kamlesh Kumar
Abhishek Jaiswal
sunil patel
ashwani kumar
Amulya Anurag


SUCCESS
STRATEGY
IDEA
ACADEMIA TO INDUSTRY
NAME - ASHWANI KUMAR DUBEY
BATCH - 2014-2018
BRANCH - ECE
COMPANY - MOBINETS INDIA PVT LTD
DESIGNATION - TELECOM ENGINEER
ashwani kumar


FROM WHERE TO START.....
Set the Goal according to interest.
Upgrade your skills required .
Have patience and wait for Opportunity.
ashwani kumar


Answer Got(During college time)
What you want to do?
Want to become Embedded software engineer
Do I have learnt from anything yesterday?
Nothing
what's the plan for today?
sagar ramdev


Answer Got(Now)
What you want to do?
Want to become Embedded software engineer
Do I have learnt from anything yesterday?
what's the plan for today?
sagar ramdev

Press Release

करियर विकास कार्यक्रम में विद्यार्थियों को कोडिंग कौशल से कराया रुबरु

ग्रेटर नोएडा, 12 सितम्बर (देशबन्धु)। आईटीएस इंजीनियरिंग कॉलेज के ईसीई विभाग द्वारा करियर विकास पर एक बेबिनार आयोजित किया गया। इस बेबिनार का मुख्य उद्देश्य कोरोना महामारी के दौरान अपने छात्रों का आत्मविश्वास के साथ उन्हें प्रेरित करना था तथा उद्योगों के वर्तमान परिदृश्यों के बारे में भी जानकारी प्राप्त की और छात्र खुद को उच्च अध्ययन के लिए तैयार कर सकते हैं। इस अवसर पर तीन प्रमुख वक्ताओं को आमंत्रित किया गया। सागरदेव, एंबेडेड सॉफ्टवेयर इंजीनियर, यूनाइटेट टेक्नॉलॉजी, अमूल्य अनुराग, सॉफ्टवेयर इंजीनियर, इंफोसिस इण्डिया, अश्वनी दुबे, टेलीकॉम इंजीनियर, मोबि ने इस इण्डिया। अमूल्य अनुराग ने संचार कौशल में सुधार के लिए अपने व्यक्तिगत अनुभव के बारे में बात की जो प्लेसमेंट में महत्वपूर्ण भूमिका निभाता है तथा उद्योग में जगह पाने के लिए कोडिंग कौशल दिन-प्रतिदिन आवश्यक होते जा रहे है, कोडिंग कौशल में सुधार के लिए, उन्होंने कुछ बेवसाइटों जैसे कि हैक रानक और कोडवर्ड का सुझाव दिया। छात्र बिना किसी भुगतान के कोडिंग के उच्च अध्ययन की तैयारी कैसे कर सकते है, उन्होंने आत्म अध्ययन और अपने विषय के शिक्षकों की मदद से अंतिम वर्ष में गेट के एग्जाम को हैक करने का अपना उदाहरण भी दिया। मीडिया प्रभारी मनीष ने बताया इस बेबिनार में एचओडी मोनिका जैन, कॉलेज के अधिशाषी निदेशक डॉ. विकास सिंह और ईसी ईब्रांच के द्वितीय व तृतीय वर्ष के छात्र उपस्थित रहे।

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I.T.S ENGINEERING COLLEGE
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Workshop Report

Name of the Event: One day workshop on "Python programming"

Invited Speaker: Mr. Vikas Kalra., Director, Sr. Trainer at the CETPA Groups of Companies

Event Coordinator(s) Dr. Ashish Kumar, Professor and Head of Department, and Mr. Devesh Garg (Asst. Professor-CSE).

Date of Event: 10/09/2020

Time: 11.00 A.M. - 01.00 P.M.

Venue: Online (through gotomeeting platform)

Objective:

- To highlight the basic principles of Python Programming.

Main Report:

On10th September, 2020. Department of Computer Science & Engineering, ITS Engineering College, Greater Noida organized one day workshop on " Python Programming" . The speaker of the event was Mr. Vikas Kalra . Mr. kalra is Director, Sr. Trainer at the CETPA Groups of Companies. He has vast experience and expertise on various technologies some of them are Python, Data Analytics, Machine Learning, Natural Language Processing, Data Science, Image Recognition etc. He has also Experience of giving Training/Workshops in 50+ Organizations like SRM University, Galgotias, KNIT, LPU, JSS, Jaypee.

The event was organized by **Dr. Ashish Kumar , Professor** and **Head of Department** and was facilitated by **Mr. Devesh Garg (Asst. Professor-CSE).** Mr. Kalra explained about Python and why Python is required for coding for emerging technologies. Mr Kalra give hands on Training to students on the various modules of python and students learn coding of python and run the programs.

The Workshop was concluded by question and answer session. The workshop was highly interactive and the students got a deep insight into Python related coding. The workshop attendance was 160 which included students and faculties from various departments.

Webinar Outcome:

i) The students got to know about requirement and demand of python coding in emerging technologies.

ii) Students got hands on training on various modules of python including coding and running the programs.

Participation details:

Students and faculty of various departments.

Dr. Ashish Kumar

Professor, Head of Department, CSE Deptt.

Mr. Devesh Garg

Asst. Prof., CSE Deptt.

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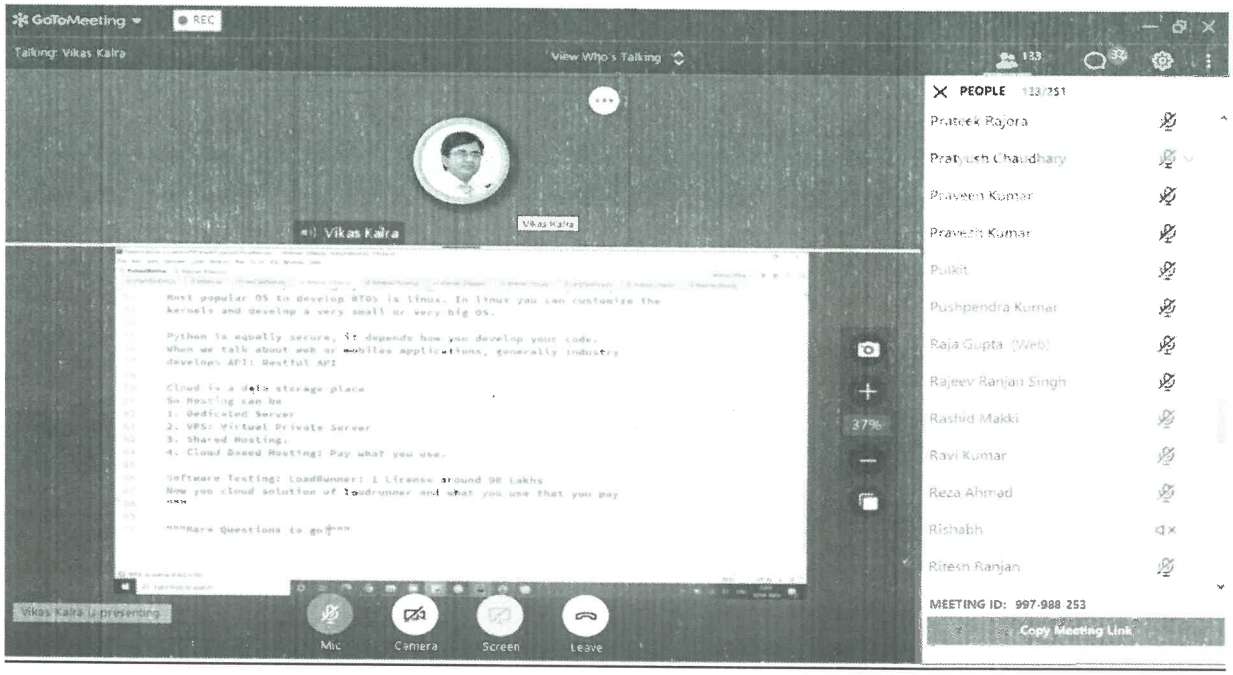
Glimpse of the event with few photographs:



Name of Event – "National Engineer's Day"

Date of Event – 15th Sep, 2020

Organised by – Envision- The student activity Club

Event Coordinators – Dr. Garima Chandel and Ms.Manju Singh

Objective:

National Engineer's day celebration on the 159th birth anniversary of **Bharat Ratna Mr.Mokshagundam Vishvesvaraya**. Its main objective is to aware the people about the contribution of Mr.M.V. and dedicated to the field of Engineering and engineers of India.

Report:

Department of Electronics and Communication Engineering of I.T.S Engineering College, Greater Noida celebrated the National Engineer's Day on 15th Sep, 2020 on the birth anniversary of great engineer **Mr. Mokshagundam Vishvesvaraya.** The primary objective behind organising such an event was to enhance the knowledge and facts regarding the technology and to aware about the importance of Engineering in daily life.

On National Engineer's Day, the "**Envision-The Student Activity Club**" of Department of Electronics and Engineering, ITSEC organised the event named "**TECH INTELLECT**" the online quiz competition in which more than 100 students has been participated from different colleges such as University College Thiruvananthapuram, GL Bajaj, IIMT College of Engg, Prafulla Chandra college etc.We wish for them success in future endeavors.

Following are the winners:

1. **Hitesh Garg, CSE, ITSEC**

2. Satyam Jaiswal, ECE, ITSEC

15th, September has been marked as the national engineer's day. On this auspicious occasion department of electronics and communication engineering gave the slogan "**We connect the world**".

Program Outcome:

Like any other important day, The National Engineer's Day too has been a very significant occasion.

ITS Engineering College, being a technical institution, celebrated this event for instigating various logical thought processes besides working as a team.

ITS ENGINEERING COLLEGE
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Envision
ENGINEER'S PARADISE

DEPARTMENT OF ECE
ENVISION CLUB

Presenting The WINNERS of

TECH INTELLECT QUIZ

Organised On The Occasion Of

NATIONAL ENGINEER'S DAY

15 September, 2020

1st Winner
HITESH GARG
CSE

2nd Winner
SATYAM JAISWAL
ECE

Congratulations To All

ITS ENGINEERING COLLEGE
GREATER NOIDA | SINCE 2006

Envision
ENGINEER'S PARADISE

DEPARTMENT OF ECE

Envision Club

Organising

TECH INTELLECT QUIZ

on

National Engineer's Day

15 SEPTEMBER 2020

Time - 01:15 to 01: 45pm

Register Now

To Win Attractive Cash Prizes

Contact

Abhay
9169437769

Arshi
9811113053

NBT: https://epaper.navbharattimes.com/imageview_10958_80637_4_31_15-09-2020_0_i_1_sf.html

इंजीनियर्स डे आज | ग्रेनो की विभिन्न यूनिवर्सिटी और इंजीनियरिंग कॉलेज के छात्रों के कई आविष्कार आ चुके हैं सामने

कॉलेज में ही कामयाबी के फॉर्म्युले ने दिलाई पहचान

चीन सीमा पर पैदा हुए तनाव के बाद हालात तेजी से बदले हैं। ड्रैगन को हर मोर्चे पर चुनौती दी जा रही है। इसमें छात्र भी पीछे नहीं हैं। ग्रेनो की विभिन्न यूनिवर्सिटी और इंजीनियरिंग कॉलेज के छात्र लगातार आविष्कार कर रहे हैं, जिनमें से कई का पेटेंट कराया जा चुका है। इससे कॉलेज में ही कामयाबी के उनके फॉर्म्युले को पहचान मिली है। इंजीनियर्स डे पर ऐसे ही प्रतिभाशाली छात्रों पर रवि प्रकाश सिंह रैकवार की रिपोर्ट...

सोलर पैनल क्लीनिंग मशीन बनाई

आईटीएस इंजीनियरिंग कॉलेज के छात्र मयंक ने प्रो. महीप के सुपरविजन में ऐसी सोलर पैनल क्लीनिंग मशीन बनाई है जो चीन की मशीन के मुकाबले 80 प्रतिशत सस्ती है। प्रोफेसर महीप ने बताया कि इनोवेटिव आईपी संस्था से इसे पिछले माह पेटेंट भी करा लिया गया है। मशीन में 15 लीटर का एक जार होता है, जिसमें मोटर लगा होता है। मोटर को स्टार्ट करते ही पानी की बूंदें पैनल पर गिरती हैं। इसके बाद मशीन में लगे प्लास्टिक के सेलर को रिमोट के माध्यम से हाई स्पीड में चलाया जाता है। इससे जिद्दी दाग और गंदगी साफ हो जाती है।

जनरेटर की क्षमता की दोगुनी

आईटीएस इंजीनियरिंग कॉलेज के ही मैकेनिकल इंजीनियरिंग के छात्र हर्षित सिंह ने प्रोफेसर महीप के ही मार्गदर्शन में एक ऐसी तकनीक विकसित की है, जिससे जेनरेटर की बिजली उत्पादन क्षमता दोगुनी हो गई है। जेनरेटर में ऑल्टिलेटर और रोटर लगा होता है। जब रोटर की स्पीड बढ़ाई गई तो जेनरेटर के सारे पार्ट्स हवा में उड़ गए। इसके बाद हर्षित ने रोटर के विपरीत दिशा में वाइंडिंग पार्ट को भी रोटर जितनी स्पीड में घुमा दिया। इससे इंजन की सोफेस्ड गति दोगुनी मिल गई और जेनरेटर की स्पीट में भी 1.5 गुना का इजाफा हुआ। इसे हाल ही में पेटेंट कराया गया है।

गंदगी से बनाई खाद

सीवर के पानी को साफ करने की प्रक्रिया में काफी गंदगी निकलती है, जिसे फेंक दिया जाता है। शारदा यूनिवर्सिटी के एप्लाइडसाइंस इंजीनियरिंग विभाग के प्रोफेसर डॉक्टर गौरव सैनी और एमटेक के छात्रों ने इको फ्रेंडली तकनीक विकसित कर इस गंदगी को खाद के रूप में परिवर्तित कर दिया। यूनिवर्सिटी के कैंपस में पौधे लगाकर यह खाद डाली गई जो काफी असरदार रही। भारत सरकार से इस इको फ्रेंडली तकनीक को पेटेंट भी करा लिया गया है। डॉ. गौरव ने बताया कि कनीन खाद मात्र की मेहनत के बाद इसमें सफलता मिली।

Event report on Online Industrial Visit 2020

Name of Event: ONLINE Industrial visit **"INDIA TECHNOLOGY WEEK @ HOME 2020"** FIFTH EDITION.
Date of Event: September 16-17, 2020
Registration Link: https://home.indiatechnologyweek.com/Home/Index
Organized by: Department of Electronics and Communication Engineering, I.T.S Engineering College, Greater Noida.
Event Coordinator: Dr. Monika Jain, HOD-ECE, Ms. Manju Singh Assistant Professor, ECE

Online Industrial Visit Objective: To provide students an overview of various types of emerging electronics based components (Ex: ONROBOT SCREWDRIVER) and technologies that are currently used in the world. Students were able to get detail information regarding electronics components or they can opt other area of interest like SMT manufacturing, desktop manufacturing etc.

Report: Department of Electronics and Communication Engineering ,I.T.S. Engineering College, Greater Noida has organised an online Industrial visit **"INDIA TECHNOLOGY WEEK @ HOME 2020"** FIFTH EDITION for students of B. Tech. 2nd year, 3rd year and final year ECE .

The Conference or online visit themes was:

- 16th & 17th: Investors & Enables for Tech Startups & MSMEs
- The discussion panel for the 16th September,2020 was
  - AgriTech: Can India lead the global race
  - AgriTech: The game Changer for INDIA
  - DIY sessions: These sessions included Portable emergency light using power bank, contactless switch board etc
- The discussion panel for the 17th September,2020 was
  - IIoT & Industry 4.0: Enabling better balance-sheet
  - The benefits of Digital transformation
  - AgriTech: the DRONE connection

Student also visited to different online halls like Electronic Components, SMT manufacturing and desktop manufacturing etc.

Program Outcome:
Student's expose to

- Witness of the recent innovations and technological advancements in Electronics.
- Recent Advancement in automotive, IOT based industries.

Aeroflex India Pvt Ltd

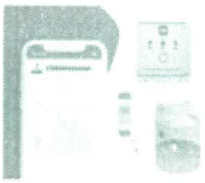
Aerospace & Defense Communication- Mission Critical Communication

Visit Exhibit

Past Nominees For Truly

Smallest, Lowest Jitter I2C-Programmable Crystal Oscillators

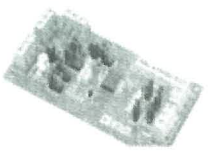
Visit Exhibit



Gill Instruments Pvt Ltd

Wireless Liquid Level Monitoring and Automation Solution

Visit Exhibit

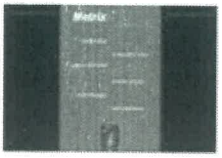


Operation In Any Type Of Ambient Lighting Conditions

Visit Exhibit

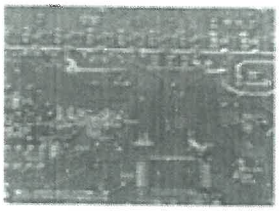
That Operates By Harnessing Power From Its Surroun

Visit Exhibit



for Smart Homes

Visit Exhibit



PULSARS

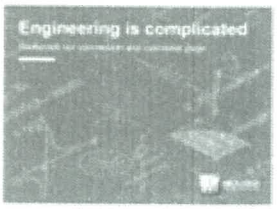
Design and manufacture of Embedded Control Products

Visit Exhibit

THROUGHAPPS

REMOTE EMPLOYEE MONITORING

Visit Exhibit



Mouser Electronics

Mouser's online conversion calculators

Visit Exhibit

Work Report

Name of Event: Expert Talk (Online Mode) on "**Automation in Power System Operation and Control** ".
Date of Event: 07th October, 2020.

Organized by: Rockwell Automation- Centre of Excellence, EEE Department, I T S Engineering College Greater Noida.

Event Coordinator: Mr. Rajiv Ranjan

Objective:

- To enhance the skill of students & faculty members in the field of **Automation in Power System Operation and Control.**

Report:

Rockwell Automation- Centre of Excellence, Department of Electrical & Electronics Engineering, I.T.S. Engineering College organized Expert Talk on Automation in **Power System Operation and Control** on **07th October, 2020.**. The talk was delivered by **Mr. Guru Sharan Singh, Assistant Professor, Electrical Engineering Department, Rajkiya Engineering College (REC), Banda U.P. (Government College).**. The event was started with welcome address by Prof. Upendra K. Agarwal, HOD, EEE department, I.T. S. Engineering College, Greater Noida..

Mr. Singh had discussed about the past, the present and the future of Automation in **Power System Operation and Control**. He explained that an electric power system is a network of electrical components deployed to supply, transfer, and use electric power. Power system operation and control is an important segment in electrical engineering which deals with the efficient, economical and reliable operation of different components of the power system to meet the continually changing load demand for active and reactive power.

Finally, the event coordinator, Mr. Rajiv Ranjan, Assistant Professor of EEE Department, ITS Engineering College, gave a Vote of Thanks to all participants and the guest.

This talk was very helpful to the students who want to make their career in Automation industry and the faculty members who are guiding the student`s research & projects in automation.

Program Outcome:

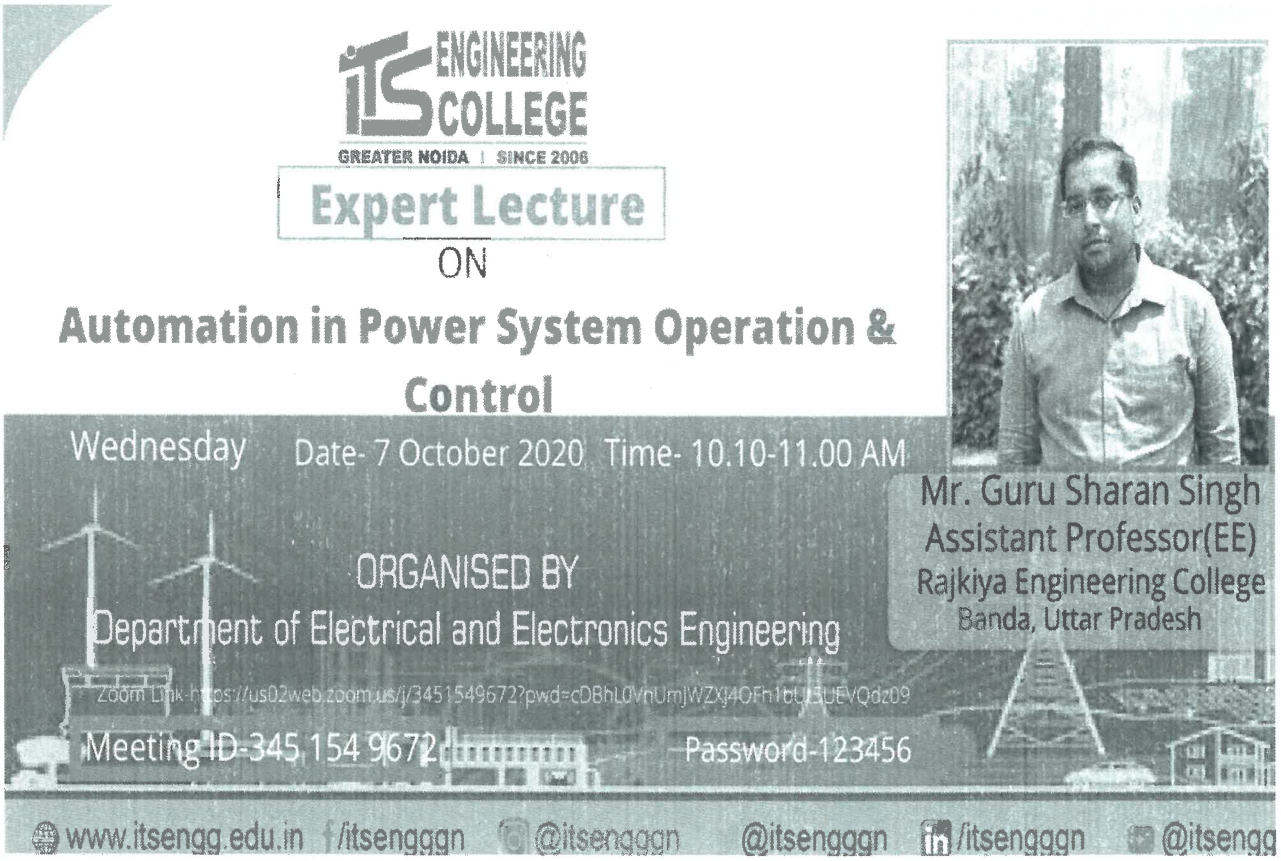
- Students & Faculty members upgraded their knowledge in the field of Automation in power Industries.

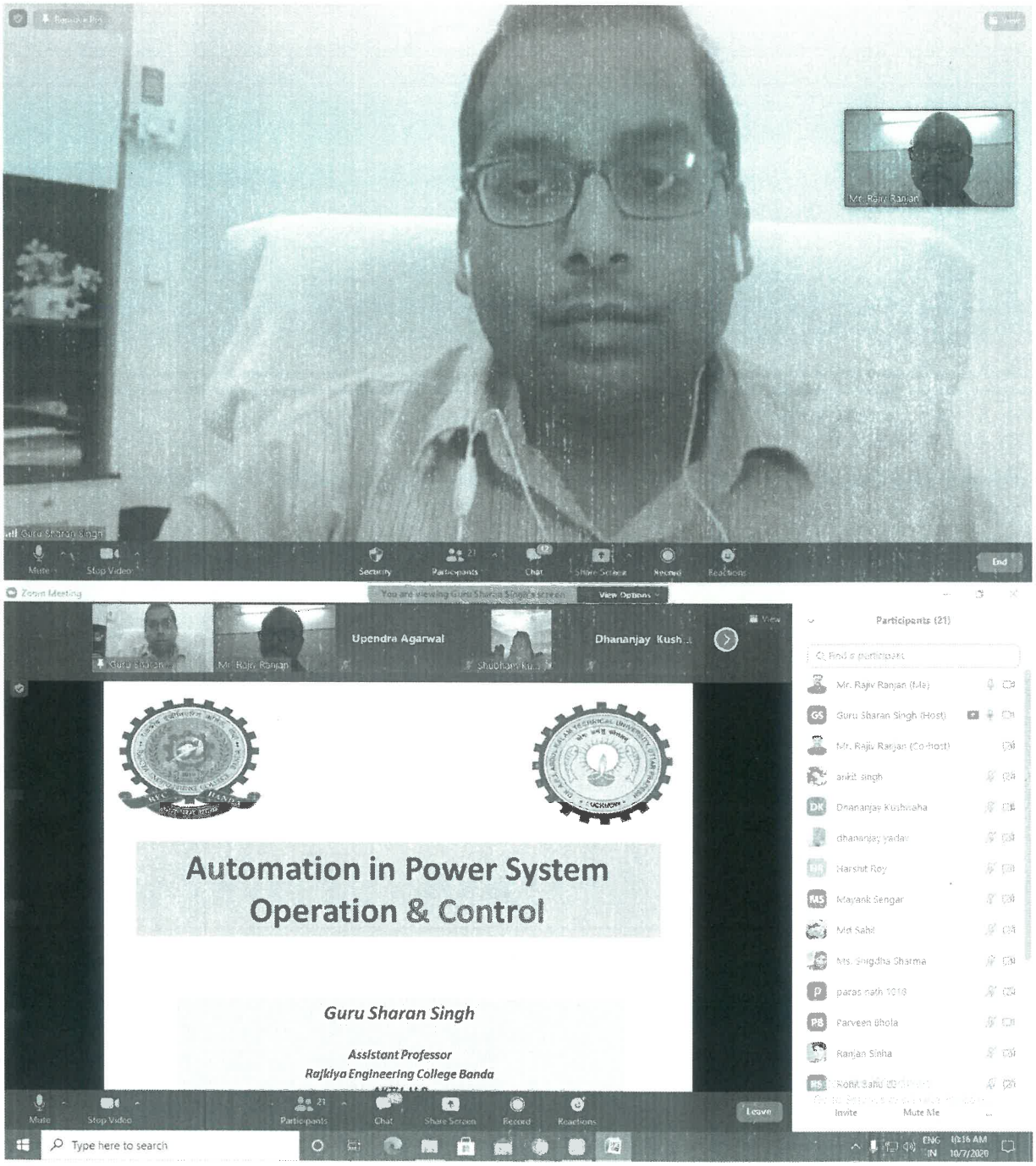
Scope of Improvement: To organize the workshop for long duration.

No. of participants: 32 students and 7 faculty members.

Coordinator:

(Rajiv Ranjan)
Asst. Prof.
EEE Dept.




Mr. Rajiv Ranjan
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Participants
Chat
Share Screen
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Reactions
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Zoom Meeting
You are viewing Guru Sharan Singh's screen
View Options
Upendra Agarwal
Dhananjay Kush
Mr. Rajiv Ranjan
Automation in Power System Operation & Control
Guru Sharan Singh
Assistant Professor
Rajkiya Engineering College Banda
Participants (21)
Mr. Rajiv Ranjan (Me)
Guru Sharan Singh (Host)
Mr. Raju Ranjan (Co-host)
ankit singh
Dhananjay Kushwaha
dhananjay yadav
Harshit Roy
Mayank Sengar
Md Sahil
Ms. Snigdha Sharma
paras nath 1018
Parveen Bhola
Ranjan Sinha
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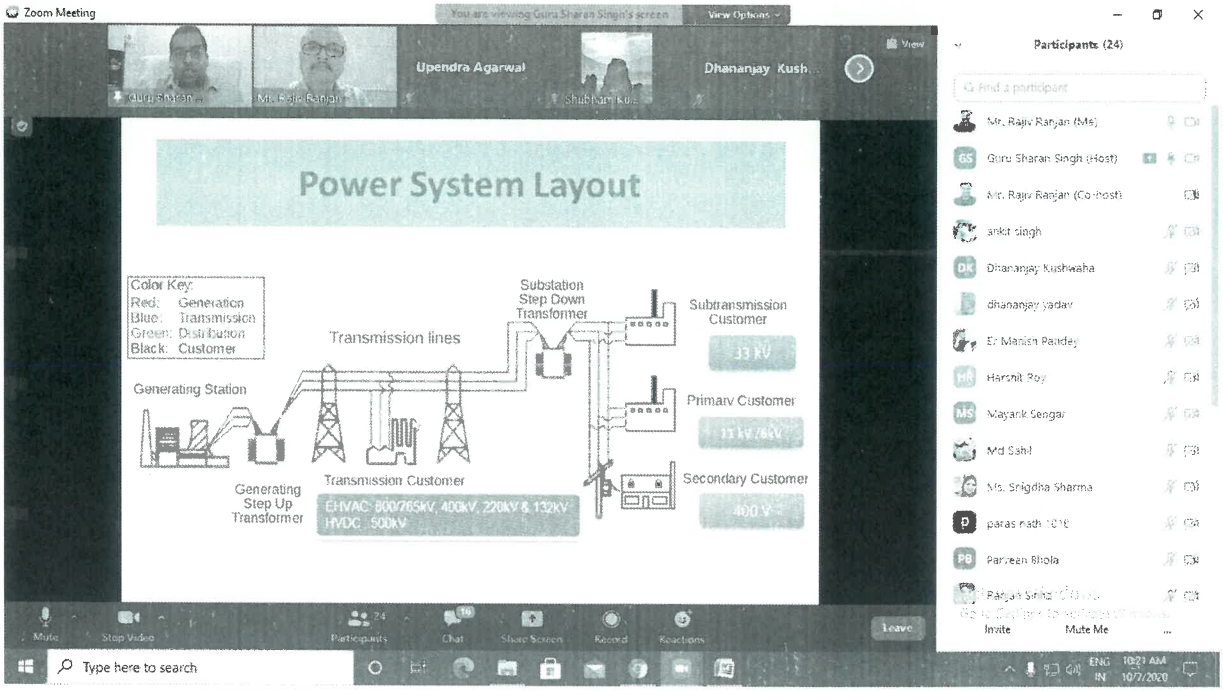
Zoom Meeting
Upendra Agarwal
Dhananjay Kush...
Power System Layout
Color Key:
Red: Generation
Blue: Transmission
Green: Distribution
Black: Customer
Transmission lines
Substation Step Down Transformer
Subtransmission Customer
33 KV
Generating Station
Primary Customer
11 kV /6kV
Generating Step Up Transformer
Transmission Customer
EHVAC: 800/765KV, 400kV, 220kV & 132kV
HVDC: 500kV
Secondary Customer
400 V
Participants (24)
Mr. Rajiv Ranjan (Me)
Guru Sharan Singh (Host)
Mr. Rajiv Ranjan (Co-host)
ankit singh
Dhananjay Kushwaha
dhananjay yadav
Dr Manish Pandey
Harshit Roy
Mayank Sengar
Md Sahil
Ms. Snigdha Sharma
parasnath 1219
Parveen Bhola
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EVENT REPORT

Name of Event: Webinar on "Career opportunities in the field of LabVIEW"
Date of Event: October 20, 2020
Time: 3:50 PM - 4:50 PM
Organized by: Electronics & Communication Engineering Department, ITS Engineering College, Greater Noida
Event Coordinator:Mr. Nitesh Pradhan COE Trainer
Coordinator: Dr. Monika Jain(Prof. & Head-ECE)

Eminent Speaker: Ms. **DevashriShirbhate**. Application Engineer TCS Pune.

Objective: The main objective of this program was to tell how many job opportunities are available after LabVIEW. And how are the big companies using LabVIEW.

Report:

On October 20, 2020,ECE Department, ITS Engineering College organized a**: Webinar on "Career opportunities in the field of LabVIEW".**The session was delivered by **Mr. Ankit Ms. DevashriShirbhate.**ITS Engineering College,Executive Director- Dr. Vikas Singh, presence graced the program. The guestwas welcomed by HOD ECE- Prof. Monika Jain.Vice Chairman of I.T.S Engineering College, Mr. SohilChaddha has appreciated that these kinds of interactive webinars during this COVID-19 pandemic situation will boost confidenceof our students and motivates them.
Ms. **DevashriShirbhate**Interacted with the students and following Points were Addressed:

- What is LabVIEW
- Benefit of LabVIEW
- Industry Use of LabVIEW
- Certification using LabVIEW
- Career opportunities after LabVIEW

This webinar was very informative and interactive as the students were able to know about how they can work on LabVIEW and Crack the CLAD exam and how can try apply for job development. Students of second, third and fourth year enthusiastically attended the webinar. Webinar was being closed by vote of thanks by the Dr. Monika Jain (Prof., HOD-ECE).

Brief about Speakers:

Ms.DevashriShirbhate. Currently working in TCS Pune from 2017. Completed graduation from SGGS Institute of Engineering and Technology, Nanded in Electronics and Telecommunication Engineering. Working with Automation and Instrumentation with LabVIEW (DAQ-MX, PXI Chassis, Control Systems, Sensors).

Program Outcome: Student are motivated about LabVIEW and CLAD Exam. Many students has asked about to learn LabVIEW

Program attendance:All ECE students and faculty members attended this webinar.

Recording Link:https://youtu.be/KQlHUx6tRYo

ITS ENGINEERING COLLEGE
GREATER NOIDA | SINCE 2006

Webinar on

Career opportunity in the field of LabVIEW

On 20 Oct 2020 at 3.50 PM - 4.50 PM

National Instruments Innovation Center

Industry Expert

Ms. Devashri Shirbhate
Application Engineer
TCS Pune

LabVIEW™ Academy

Program Coordinator
Mr. Nitesh Pradhan
Trainer & Coordinator NI-COE
ITS ECGN

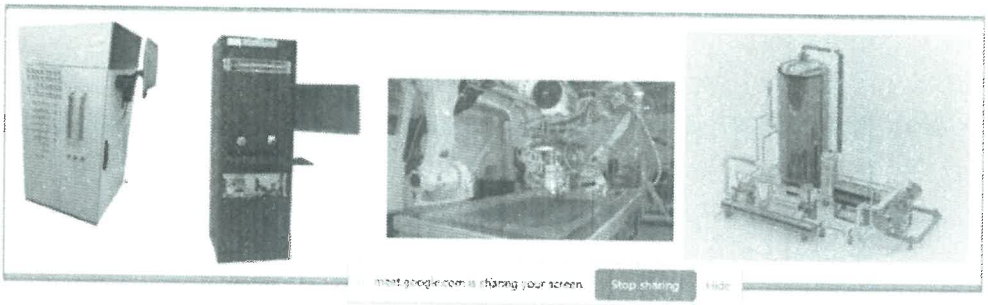
Facilitator
Dr. Monika Jain
Prof. & HOD ECE Dept
ITS ECGN

Link to join
https://meet.google.com/zrp-gsnj-tmp

Organized By
Department of Electronics & Communication Engineering

USE OF LABVIEW

- Automated Manufacturing Test
- Automated Product Validation
- Control and Monitoring of Industrial Equipment and Processes
- Condition Monitoring



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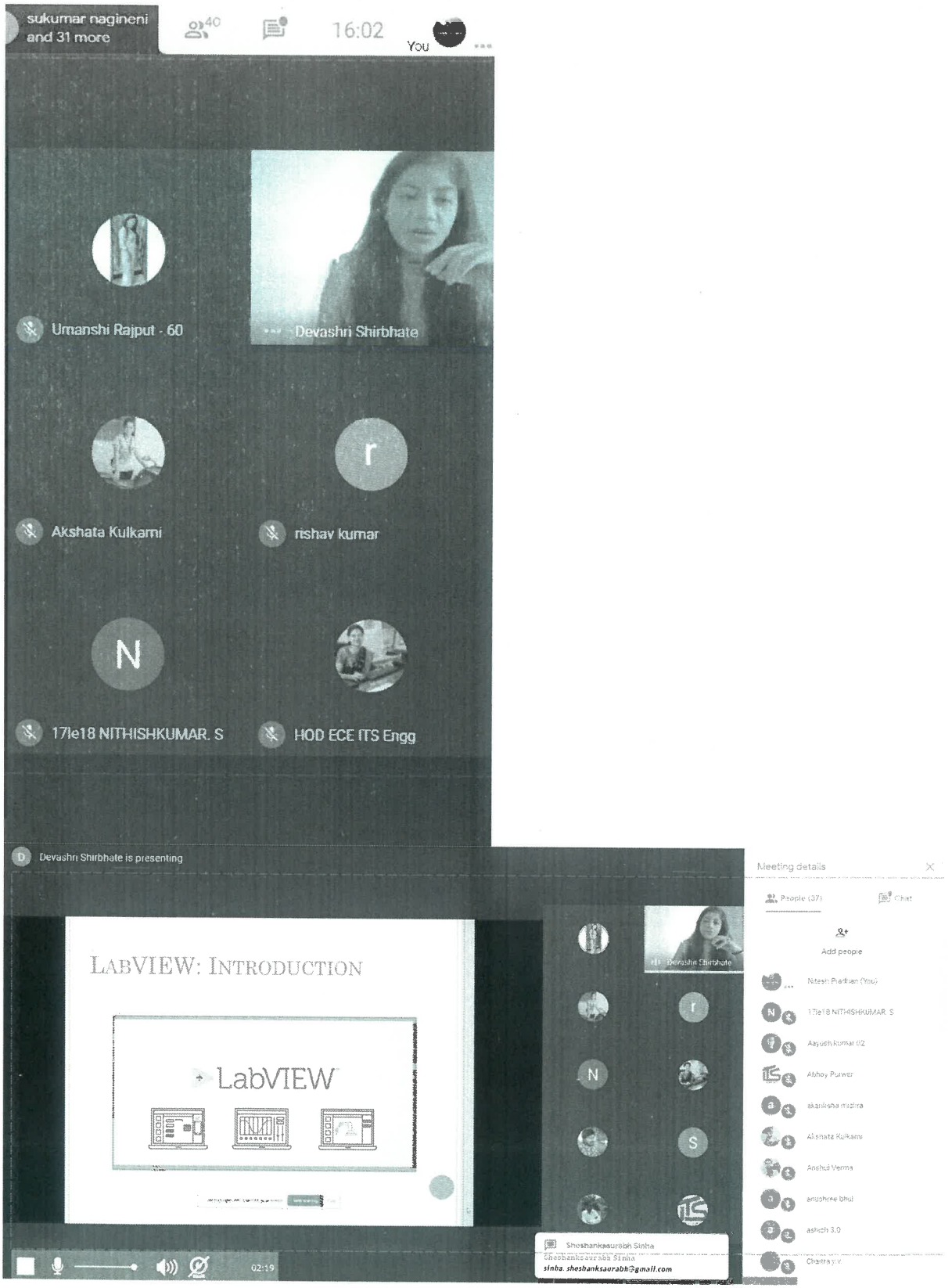
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Umanshi Rajput - 60
Devashri Shirbhate
Akshata Kulkarni
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rishav kumar
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17le18 NITHISHKUMAR. S
HOD ECE ITS Engg
Devashri Shirbhate is presenting
LabVIEW: Introduction
LabVIEW
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Meeting details
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Nitesh Pradhan (You)
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Aayush kumar (I2
Abhay Purwar
akanksha mishra
Akshata Kulkarni
Anshul Verma
anushree bhut
ashish 3.0
Chaitra y.v
Shashankaurabh Sinha
sinha. sheshanksaurabh@gmail.com

Devashri Shirbhate is presenting
Md Adil Hussain and 19 more
15:59
You
LABVIEW: INTRODUCTION
LabVIEW
You are presenting
You're presenting to everyone
Stop presenting
Meeting details
People (21)
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Hafeeza Tahseen 09:47
No sir
IndrasenaReddy believe your self 09:47
Sir no sir
shubham kumar 09:47
Yes sir
vine yard2 09:50
Can you repeat sir
vine yard2 09:51
Done
Done
Hafeeza Tahseen 09:52
Yes sir..
ashish 3.0 09:52
Yes
IndrasenaReddy believe your...
sahil ansari
Pushyan Jhaveri
sonali sourav
vine yard2

I.T.S ENGINEERING COLLEGE
GREATER NOIDA
(A NAAC Accredited Engineering College)

The Education Group
Ghaziabad • Greater Noida
(Estd. : 1995)

Name of Event:
1-day Workshop on MULTISIM Live

Date of Event:
17th Oct 2020

Organized by:
ECE Department at NI Innovation Center, COE.

Event Coordinator:
Mr. Nitesh Pradhan

Objective:

1 day Workshop on MULTISIM Live using online Circuit Simulation platform for 2nd, 3rdand 4thyear ECE& EEEstudent to learn how to simulate circuit using Mobile phone.

Report: The Department of Electronics and Communication Engineering of I.T.S Engineering college,Greater Noida, organized***"1 day Workshop on MULTISIM Live"***by Mr. Nitesh Pradhan (Certified LabVIEW Trainer) at NI Innovation Center, Center of Excellence on17th Oct 2020. The workshop was based on MULTISIM Live which is one line Spice based circuit simulation Platform. There were 62 students attended the Workshop from ITS Engg college student and Other college students.

Outcomes:

After attending this course, participant able to:

- Now Student can use the MULTISIM to perform practical of their Subject Like Analog electronics.
- Student can simulate any kind of circuit by their mobile phone only.
- MULTISIM will help then for GATE Exam preparation.

No. of Student attended: 62

Coordinators
(Nitesh Pradhan)

ITS ENGINEERING COLLEGE
GREATER NOIDA | SINCE 2006

I.T.S Engineering College

Department of Computer Science & Engineering

46, Knowledge Park-III, Greater Noida District, Gautam Budh Nagar (U.P.)
Phone: (0120) 2331024, Mob. 9582647615 E-mail: hod.cse@its.edu.in Web: http://www.its.edu.in

Webinar Report

Name of the Event: Webinar on "Data Science using Python"

Invited Speaker: Mr. Abhinash Mishra, Expert in Python, ML and Data Science

Event Coordinator: Mr. Mukesh Kumar (Assistant Professor, Department of CSE)

Date of Event: October 10, 2020

Time: 11:00AM – 01:00PM

Objective: Deliver the knowledge about Data Science using Python to visualize data and find insight on tableau.

Main Report:

On 9th October, 2020. Department of Computer Science & Engineering, ITS Engineering College, Greater Noida organized Webinar on "Data Science using Python" . The speaker of the event was Mr. Abhinash Mishra. Mr. Mishra is an Expert in Data Science and Machine learning, Sr. Trainer at the CETPA Groups of Companies. He has vast experience and expertise on various technologies like Python, Data Analytics, Machine Learning, Data Science, Tableau, SAS, Predictive Modeling, etc. He has also Experience of giving Seminars/Training/Workshops in IT Industry and various Universities / Institutions.

The event was organized by **Dr. Ashish Kumar**, **Professor** and **Head of Department** and was facilitated by **Mr. Mukesh Kumar (Asst. Professor-CSE).** Mr. **Abhinash** explained about Data Science, requirement of data analysis and use of Python for implementing and development of Data Science projects. Mr. Abhinash explained about Data Science, Its advantages and scope in emerging era of technology to students. Students are able to explore new dimension of data science and learn various techniques of Data Science projects.

The webinar was concluded by question and answer session. The webinar was highly interactive and the students got a deep insight into Data Science. The Webinar attendance was 142 which included students and faculties from various departments.

I.T.S Engineering College

Department of Computer Science & Engineering

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Phone: (0120) 2331024, Mob. 9582647615 E-mail: hod.cse@its.edu.in Web: http://www.its.edu.in

link:

https://global.gotomeeting.com/join/905792517

Access Code: 905-792-517

Speaker Profile:

Mr. Abhinash Mishra is currently being associated with Cetpa, Noida as Python, ML and DataScience Expert, He has overall 4+ years of industrial experience. He is expert in Python, Tableau, SAS, SQL Server, Predictive Modeling and Machine Learning.

Lecture Outcome:

(i) Participants learned about the Data Science Concepts

(ii) Participants were able to understand the importance of the Title and basics Data Science and Python Programming language.

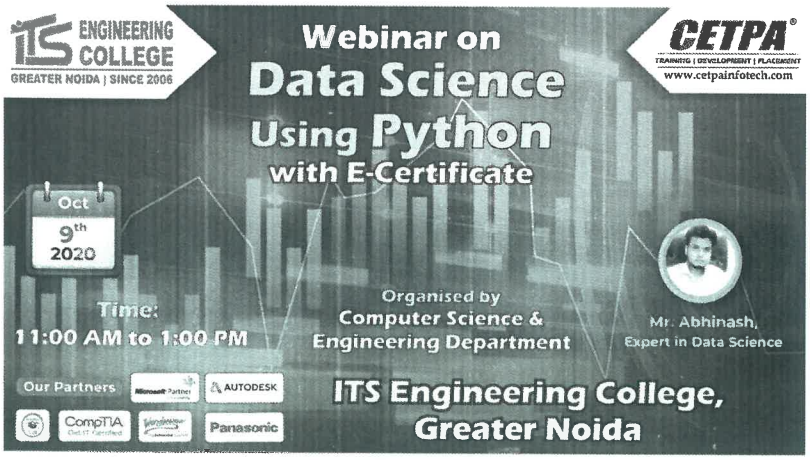
(iii) Participants learned about the Data ingestion, Data Cleaning, Data classification and Data visualization using tools like Tableau.

(iv) Understood the real-time requirements of Data Science and Data Visualization

Participation details:

Students, Research scholars & faculty members: Total 147 Nos.

Glimpse of the webinar with few photographs:



I.T.S Engineering College

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Phone: (0120) 2331024, Mob. 9582647615 E-mail: hod.cse@its.edu.in Web: http://www.its.edu.in

List of Registered Participants:

NAME	Roll Number	Year	Section	College E-Mail id
MS. SHIVANI TUFCHI	FACULTY	CSE		shivani.cse@its.edu.in
DR. GAGAN DEEP ARORA	FACULTY	CSE		gagandeeparora250379@gmail.com
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EVENT REPORT

Name of Event: "Webinar Series of Academia to Industry - Webinar on Public Speaking & Communication Building"
Date of Event: October 9, 2020
Time: 12:00 PM - 1:30 PM
Organized by: Electronics & Communication Engineering Department, ITS Engineering College, Greater Noida
Event Moderator: Dr. Monika Jain(Prof. & Head-ECE)
Coordinator: Ms. Manju Singh

Eminent Speaker: Mr. Ankit Ravindra Jain is a Government Servant, **working as Inspector at Income Tax Department, Government of India (2013 -Present)** by Profession and Communication Excellence Coach by passion. He is a Josh Talk Speaker. He helps students by handholding them to enhance their Public Speaking and Communication Skills.

Objective: The main objective of this webinar was to provide smart strategies for success by our esteemed speaker to our ECE branch students who are at the edge of their placements or in the beginning of their career.

Report:

On October 9, 2020,ECE Department, ITS Engineering College organized a **"Webinar Series of Academia to Industry - Webinar on Public Speaking & Communication Building"** .The session was delivered by **Mr. Ankit Ravindra Jain.** ITS Engineering College, Executive Director- Dr. Vikas Singh, presence graced the program. The guest was welcomed by HOD ECE- Prof. Monika Jain.Vice Chairman of I.T.S Engineering College, Mr. Sohil Chaddha has appreciated that these kinds of interactive webinars during this COVID-19 pandemic situation will boost confidenceof our students and motivates them.
Mr. Ankit Ravindra Jain Interacted with the students and following Points were Addressed:

- Communication Skills
- Supreme essential of communication
- Meeting Process
- Report Building
- Different elements of meeting process (Dressing Sense, Tone, eye contact, body posture and hand movements etc.

This webinar was very informative and interactive as the students were able to know about how they can work on their communication skills and Personality development. Students of second, third and fourth year enthusiastically attended the webinar. Webinar was being closed by vote of thanks by the Dr. Monika Jain (Prof., HOD-ECE).

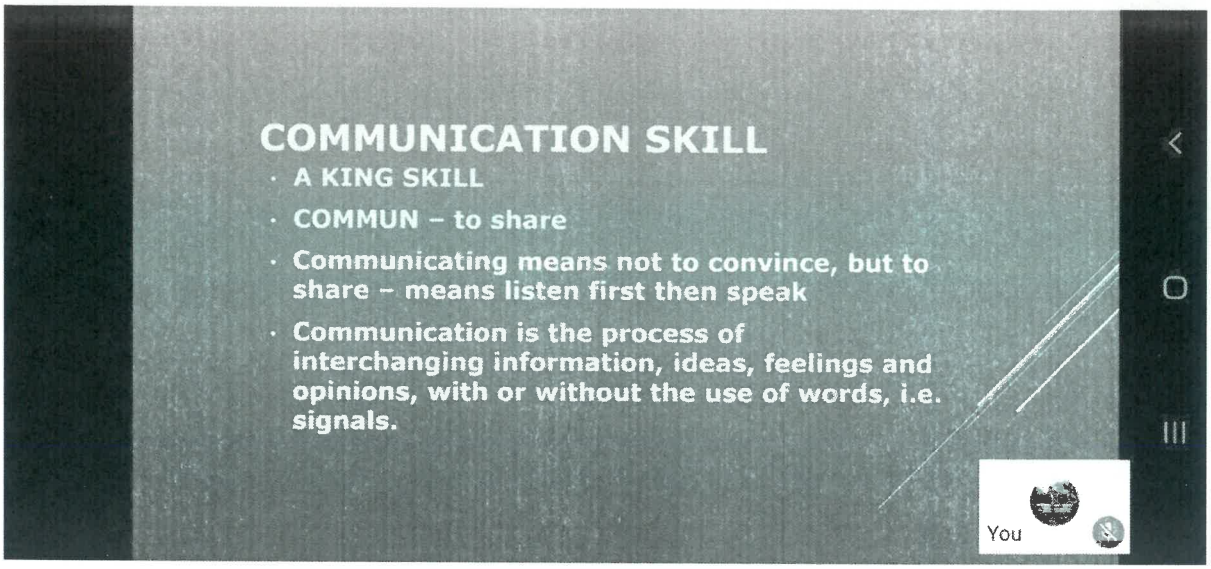
Brief about Speakers:

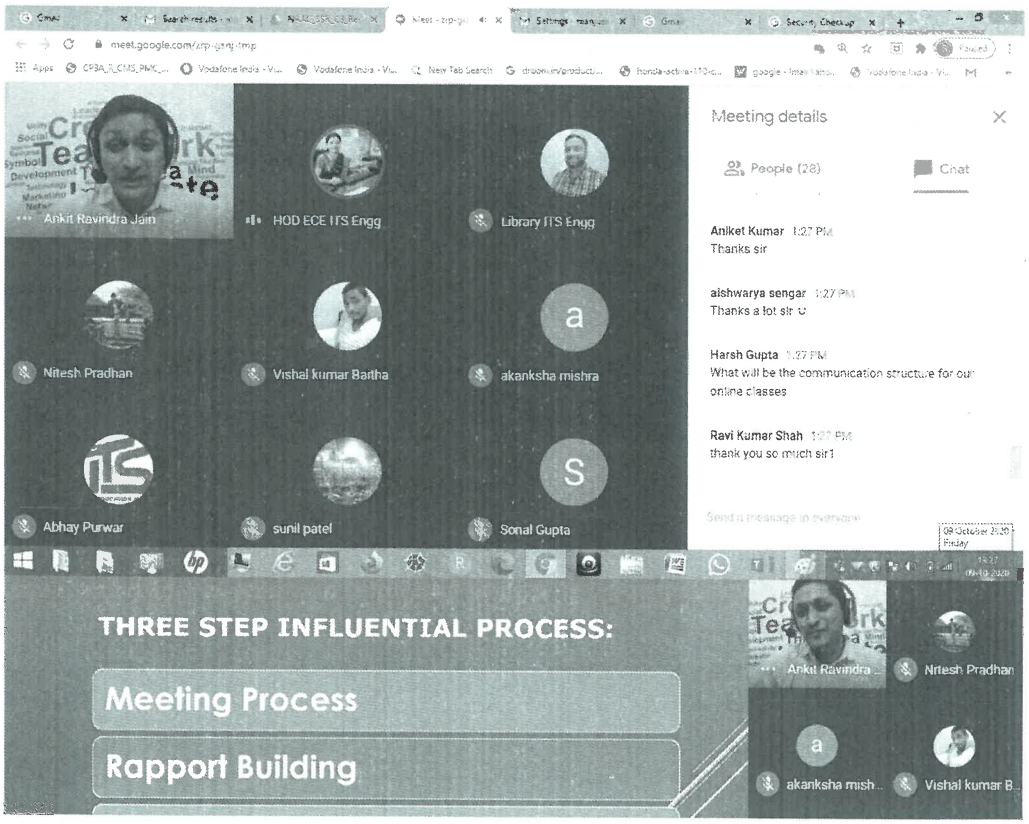
. **M. Ankit Ravindra Jain,** working as Inspector at Income Tax Department, Government of India (2013 -Present). He is a Josh Talks Speaker, mentor with Confederation of Global Innovators (CGI). He is civil servant by Profession and a communication coach by passion. He has been a Public Speaker for the past 4 years.

Program Outcome: This webinar became a platform where students interacted directly with their speaker . This webinar provided smart strategies for success and will assisted them in boosting their confidence both personally and professionally.

Program attendance:All ECE students and faculty members attended this webinar.

Recording Link: https://youtu.be/EHT47jJmKpY


COMMUNICATION SKILL
· A KING SKILL
· COMMUN – to share
· Communicating means not to convince, but to share – means listen first then speak
· Communication is the process of interchanging information, ideas, feelings and opinions, with or without the use of words, i.e. signals.
You


Ankit Ravindra Jain
HOD ECE ITS Engg
Library ITS Engg
Nitesh Pradhan
Vishal kumar Bartha
akanksha mishra
Abhay Purwar
sunil patel
Sonal Gupta
Meeting details
People (28)
Chat
Aniket Kumar 1:27 PM
Thanks sir
aishwarya sengar 1:27 PM
Thanks a lot sir
Harsh Gupta 1:27 PM
What will be the communication structure for our online classes
Ravi Kumar Shah 1:27 PM
thank you so much sir!
THREE STEP INFLUENTIAL PROCESS:
Meeting Process
Rapport Building
Ankit Ravindra ...
Nitesh Pradhan
akanksha mish...
Vishal kumar B...

Webinar Report

Name of the Event: Webinar on "Latest technologies being used in Civil Design"
Invited Speaker: Mr. Naresh Bhagat, Director, LeLogix Design solutions Pvt. Ltd.
Coordinator(s): Mr. Praveen Kumar Yadav
Date of Event: 27/11/2020
Time: 11:00 A.M to 12:00 P.M
Venue: Online

Objective:

- To highlight the recent advancement in the field of Civil Design.

Main Report:

The Civil Engineering department of I.T.S. Engineering College, Greater Noida organized the Webinar on Latest technologies being used in Civil Design" on November 27th,2020. Mr. Naresh Bhagat, Director, LeLogix Design solutions Pvt. Ltd. was the speaker. He enlightened the students about the recent developments in civil engineering field and also explained the role of softwares for making efficient design in the field of civil engineering. A large number of students participated in the event. The program started at 11:00 am in the presence of Dr. Sanjay Yadav, H.O.D and faculties of Civil Engineering Department. Mr. Naresh Bhagat explained many types of Software that industries use to develop design and drawings. Later he showed how various softwares that are used by industries. He enlightened the students on what are the products that can be developed by using softwares. He also encouraged many students to join various training programs so that they can learn various softwares such as Revit, 3D max, AutoCAD, etc. The talk was a very interactive and enlightening session for the students as well as faculties. Finally, the event concluded at 12:10pm, By the vote of thanks.
The program was concluded with a vote of thanks from the event coordinator. The Head of Department also extended thanks to Mr. Naresh Bhagat for his wonderful session on the topic for the students.

Lecture Outcome:

i) The students learned the use of various softwares.
ii) The students learned the various training programs that they can enroll to improve their software skills .

Participation details:

Students: B.Tech Second Year, Third Year and fourth year Students (approx. 70)
Faculty: 10

Mr. Praveen Kumar Yadav
Astt. Prof. C.E.D

Webinar Report

Name of the Event: Webinar on "Green Building and sustainable solutions in Civil Engineering"
Invited Speaker: Mr. Avanindra Yadav, Master Trainer, Promoter and Executive Director, ADA Power and Infra Limited
Coordinator(s): Mr. Aungkar Bhagat
Date of Event: 25/11/2020
Time: 11:00 A.M to 12:00 P.M
Venue: Online

Objective:

- To highlight the recent advancement in the field of Green Building And Sustainable solutions in Civil Engineering.

Main Report:

The Civil Engineering department of I.T.S. Engineering College, Greater Noida organized the Webinar on "Green Building and sustainable solutions in Civil Engineering" on November 25th,2020. Mr. Avanindra Yadav, Master Trainer, Promoter and Executive Director, ADA Power and Infra Limited was the speaker. He enlightened the students about the recent developments in civil engineering field and also explained the role of Green buildings and sustainability in the field of civil engineering. A large number of students participated in the event. The program started at 11:00 am in the presence of Dr. Sanjay Yadav, H.O.D and faculties of Civil Engineering Department. Mr. Avanindra explained many Green buildings projects that are currently operational in India to the students. Later he showed how many techniques and technologies that can be used to make a building Green building. He enlightened the students on what are the various regulations regarding Green building and various government initiatives. He also encouraged many students to suggest ways to transform a conventional building to Green Building. The talk was a very interactive and Enlightening session for the students as well as faculties. Finally, the event concluded at 12:10pm, By the vote of thanks.

The program was concluded with a vote of thanks from the event coordinator. The Head of Department also extended thanks to Mr. Avanindra Yadav for his wonderful session on the topic for the students.

Lecture Outcome:

i) The students learned the Advancement in Green Building.
ii) The students learned the various technologies that can be used to make construction sustainable.

Participation details:

Students: B.Tech Second Year, Third Year and fourth year Students (approx. 65)
Faculty: 10

Mr. Aungkar Bhagat
Astt. Prof. C.E.D

Event report on Online Industrial Visit 2020

Name of Event: ONLINE Industrial visit **"INDIA TECHNOLOGY WEEK @ HOME 2020"** SEVENTH EDITION.
Date of Event: November, 25-26th, 2020
Registration Link: https://home.indiatechnologyweek.com/Home/Index
Organized by: Department of Electronics and Communication Engineering, I.T.S Engineering College, Greater Noida.
Event Coordinator: Dr. Garima Chandel Assistant Professor, Ms. Manju Singh Assistant Professor, ECE

Online Industrial Visit Objective: ITW@Home is an 'Online Only' expo-cum-conference that aims to showcase latest technologies, products and best-practices, from across the globe, on a regular basis. It aims to provide an environment-friendly alternate to traditional events, and enable business transaction and networking from the comfort and safety of your home or office. This visit objective was to provide students an overview of various types of emerging electronics based components (Ex: ONROBOT RG2 GRIPDRIVER), one stop shop for end of tooling and technologies that are currently used in the world. Students were able to get detail information regarding electronics components or they can opt other area of interest like SMT manufacturing, desktop manufacturing etc.

Report: Department of Electronics and Communication Engineering ,I.T.S. Engineering College, Greater Noida has organized an online Industrial visit **"INDIA TECHNOLOGY WEEK @ HOME 2020"** SEVENTH EDITION for students of B. Tech. 2nd year, 3rd year and final year ECE .

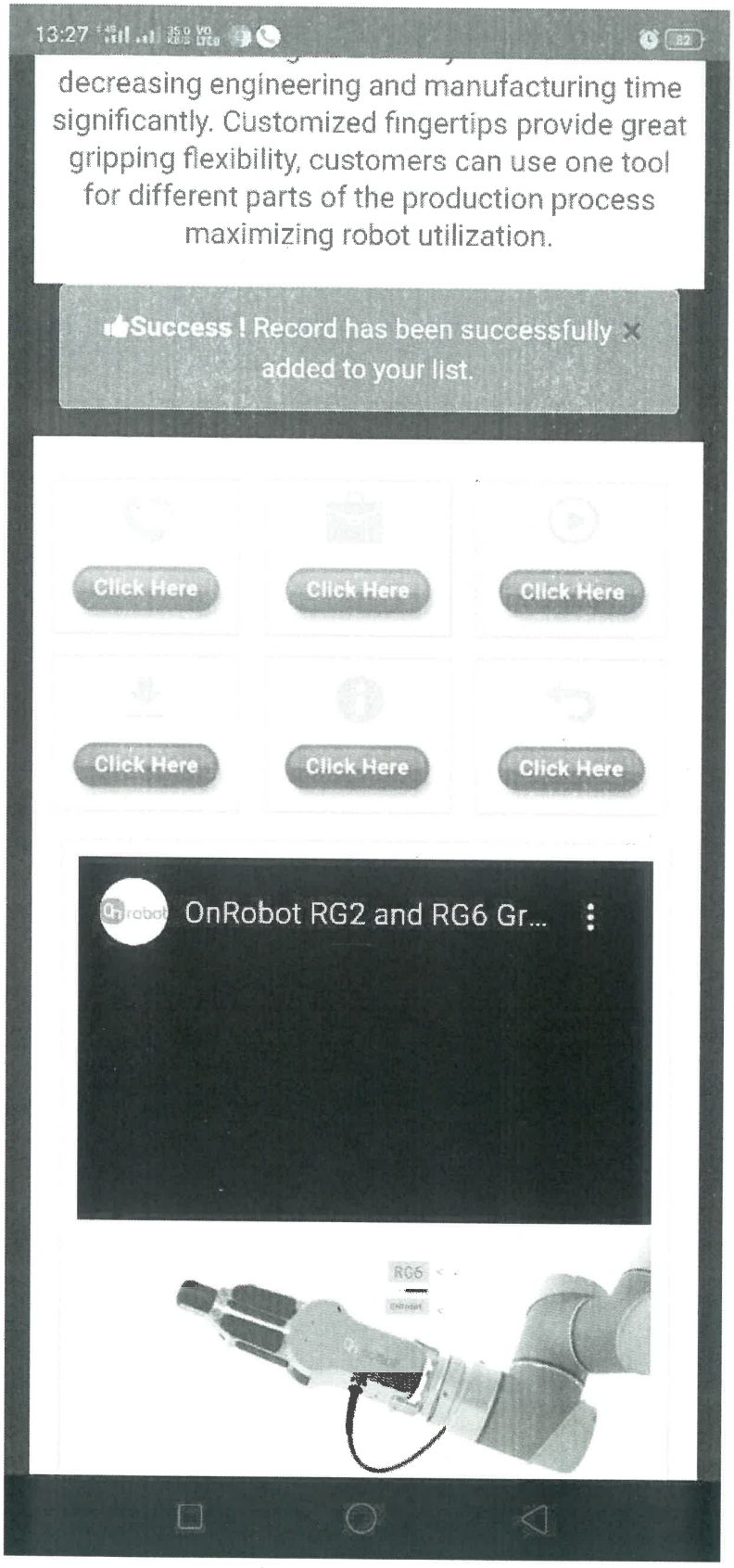
The Conference or online visit themes was:

- 25th & 26th: Investors & Enables for Tech Startups & MSMEs
- The discussion panel for the 25th November ,2020 was
  - Developing Tesla 2.0
  - Challenges faced in testing Cars of the future
- The discussion panel for the 26th November,2020 was
  - Accelerating Development & Deployment of Drones
  - Business opportunities presented by the world of Drones
  - Tethered Drone Power Matching
  - Challenges faced by creators of Drones and possible solutions

Student also visited to different online halls like Electronic Components, SMT manufacturing and desktop manufacturing etc.

Program Outcome:
Student's expose to

- Witness of the recent innovations and technological advancements in Electronics.
- Recent Advancement in automotive, IOT based industries.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decreasing engineering and manufacturing time significantly. Customized fingertips provide great gripping flexibility, customers can use one tool for different parts of the production process maximizing robot utilization.
Success ! Record has been successfully added to your list.
Click Here
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OnRobot RG2 and RG6 Gr...
RG6

13:29
home.indiatechnologyweek.com/ex
PPE- Process step Up for Performance & Efficiency
Then combined Efficiency is just 59%
How much is Lead Time reduced in FY21 vs FY20 for Sales Dept, Design, SCM, Production, QA and overall Product. Customers want Quicker Delivery than FY20
Long back 1 & 1 was 2
Earlier 1&1 is not just 2 but 11
Now 4 and 4 is not 44 but 64
We are into Consulting Solutions for Utilities for Power Distribution Companies to reduce Power Theft, Reduce Power Outage, Increase their revenue by introducing Smart IoT enabled Solutions using the latest State of the Art solutions. Anti- Theft IoT enabled Smart Feeder Pillar Reduction and prevention of Power Outage due to abnormal condition- High Inside Temperature, Over Current/Over Load SMS Alerts on Mobile to Line Supervisors for Unauthorized Door opening for Power theft, High inside Temperature, Over Current, High Water Ingress due to Flood water etc
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OnRobot RG2 Gripper

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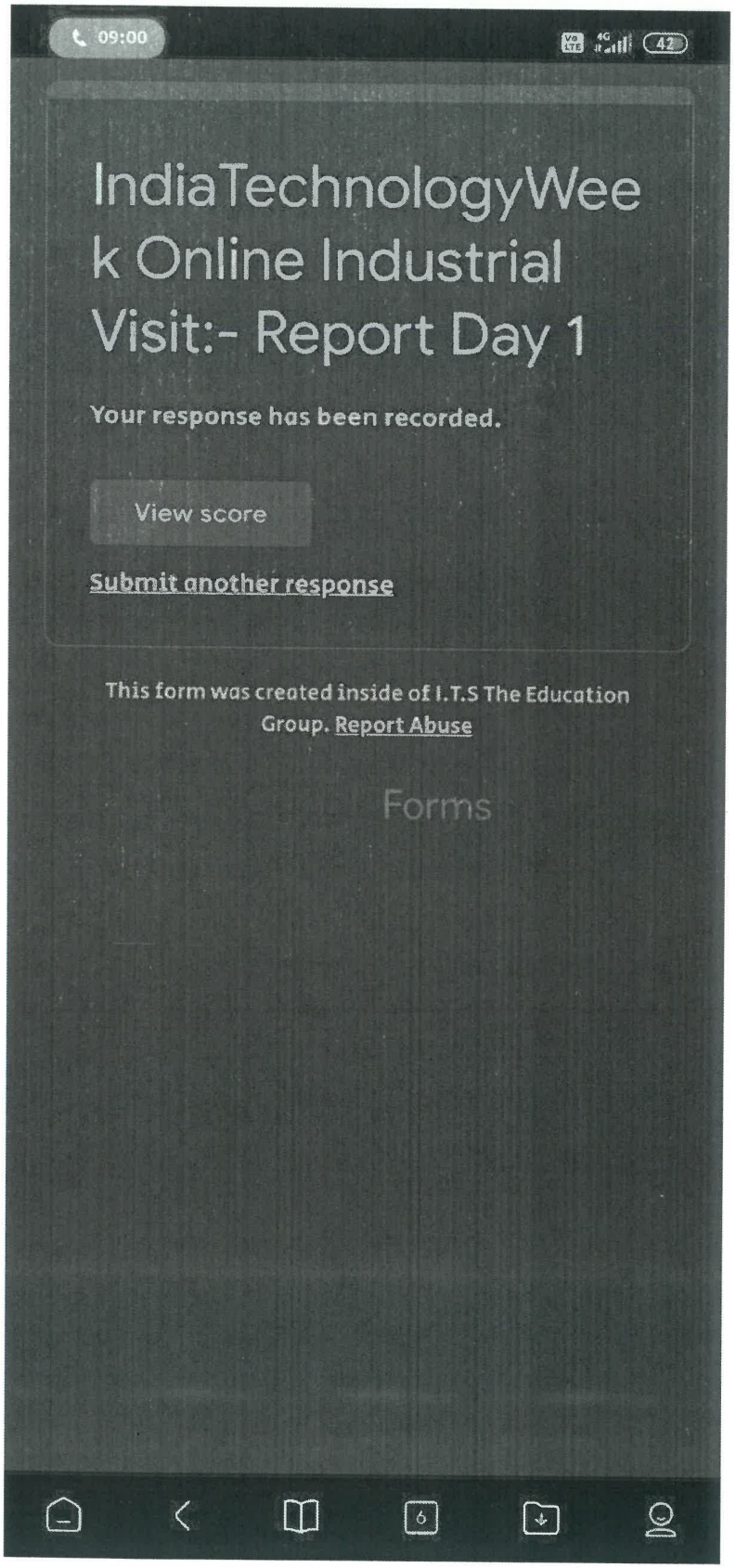
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IndiaTechnologyWeek Online Industrial Visit:- Report Day 1
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Forms

Name of Event: Industry Expert Talk on "Digital Television Revolution" on the occasion of "World Television Day"

Date of Event:21st November, 2020.

Time: 11:00 AM.

Organized by: E.C.E Department, ITS Engineering College.

Event Coordinator: Dr. Monika Jain (Prof. & Head ECE Department)

Facilitator: Ms. Apurva Thakur (Asst. Prof. ECE Department)

Speaker: Dr. Kaushik Saha (Chief Technology Officer, Samsung R&D Institute India)

Speaker Profile: Dr. Kaushik Saha obtained his graduation and doctorate degrees from the Indian Institute of Technology, Delhi. At present, he is CTO, Samsung R&D Institute India, Delhi. His research interests are in the areas of Advanced Processor Architectures, Parallel Algorithms and low power SOC design, especially for IOT devices and services. He holds an Adjunct Faculty position in IIT-Delhi, is deeply involved in standardization and is a knowledge partner for NASSCOM.

Event Objective:
1. To celebrate World Television Day.
2. To create awareness about various aspects of Digital Television.

Report: World Television Day is celebrated every year on 21stNovember to commemorate the date on which the first World Television forum was held in 1996. On this day the Envision Society ofDepartment of Electronics and Communication, ITS Engineering College organized an expert talk **"Digital Television Revolution"**. The talk was delivered by eminent personality **Dr. Kaushik Saha (CTO, Samsung-R&D Institute India)**.

The event began by felicitation of Dr. Kaushik Saha by Professor and Head of Department Dr. Monika Jain. Dr.Saha explained about the history of advancement of Television from analog to digital. He gave a concise account of how in a Digital Television both theaudiovisual signals are transmitted simultaneously using digital encoding techniques. He discussed about various advantages of Digital Television like better picture and sound quality, lesser bandwidth, resolution, aspect ratio, accessibility to larger channels etc.

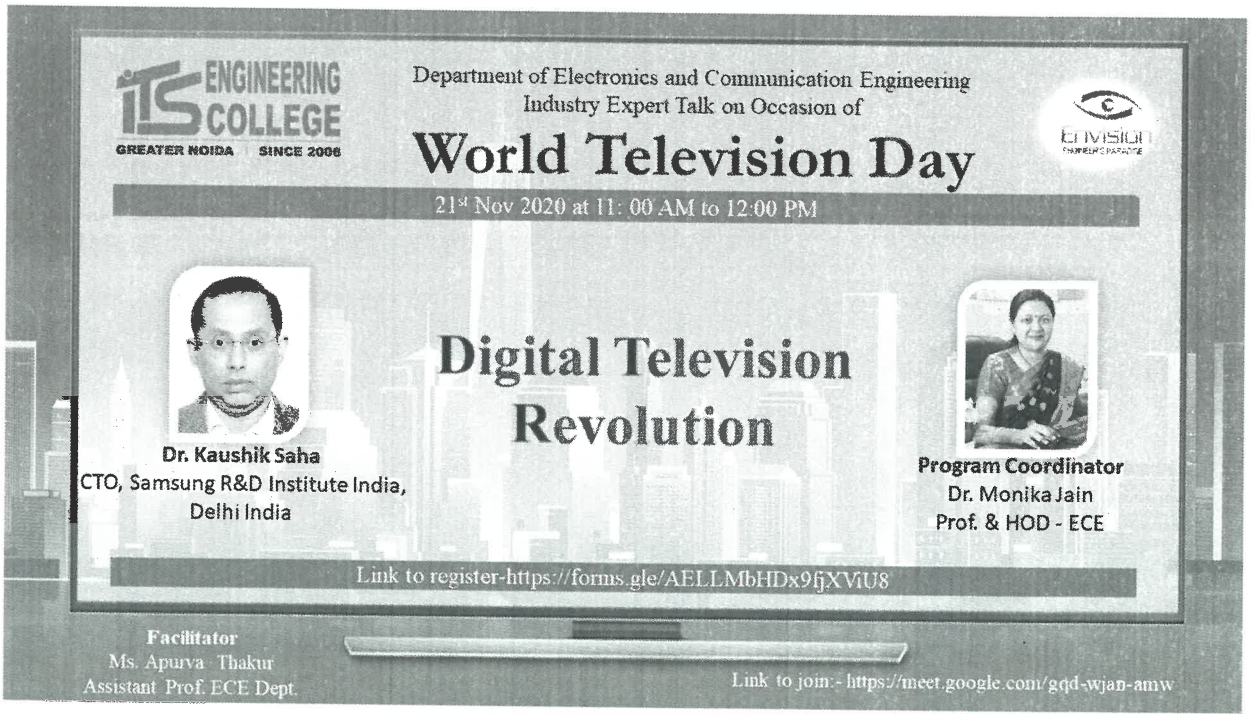
Proceeding through the session he explained about various modulation techniques for digital television transmission, various digital television compression methods for transmission of digital signals. He further explained differences between Standard Definition Television (SDTV) and High Definition Television (HDTV). He also explained about LCD TVs how, they work on the principle of blocking light rather than emitting it and make use of either active and passive grid to display pictures. The talk was concluded by "Question& Answer" session where students asked their doubts.

Program Outcome: Students gained information aboutvarious aspects of Digital Television.

Program attendance: 35 (including teachers and students)

The link to the recorded session is given below:
https://drive.google.com/file/d/16lwEuQ9U0ccRmODig9mphj3PYGRrXv8B/view?usp=sharing

https://drive.google.com/file/d/17ZGSK62k68PRv7iKMZd7S9erUOwz8K8N/view?usp=sharing



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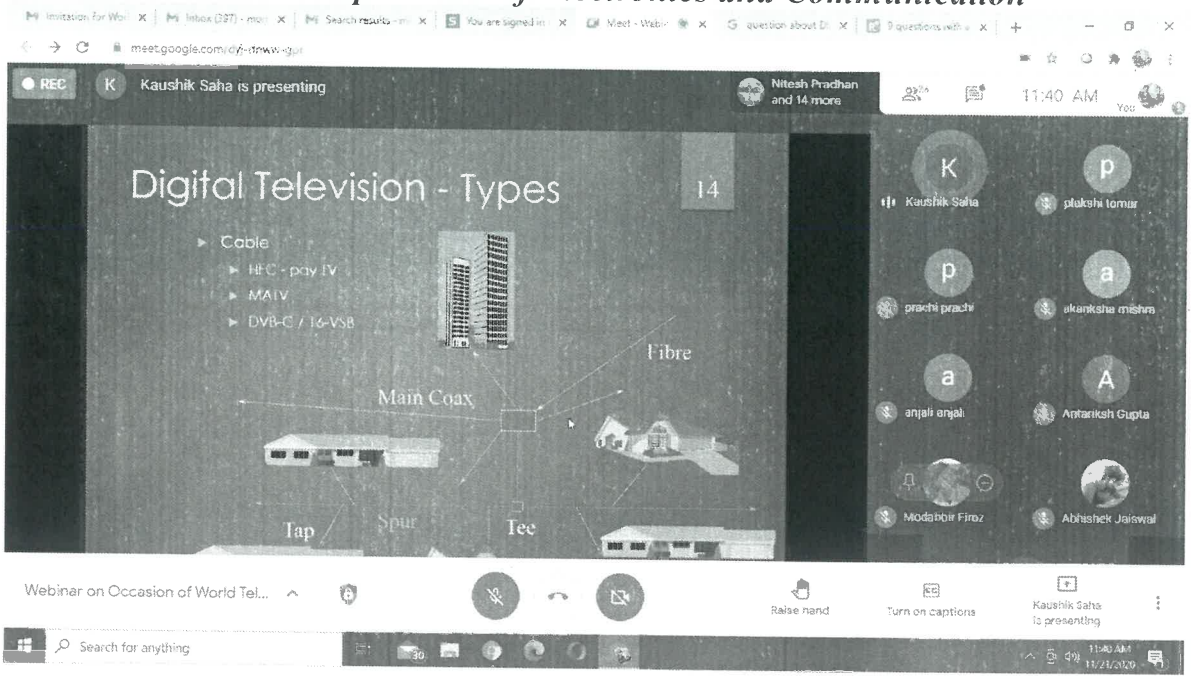

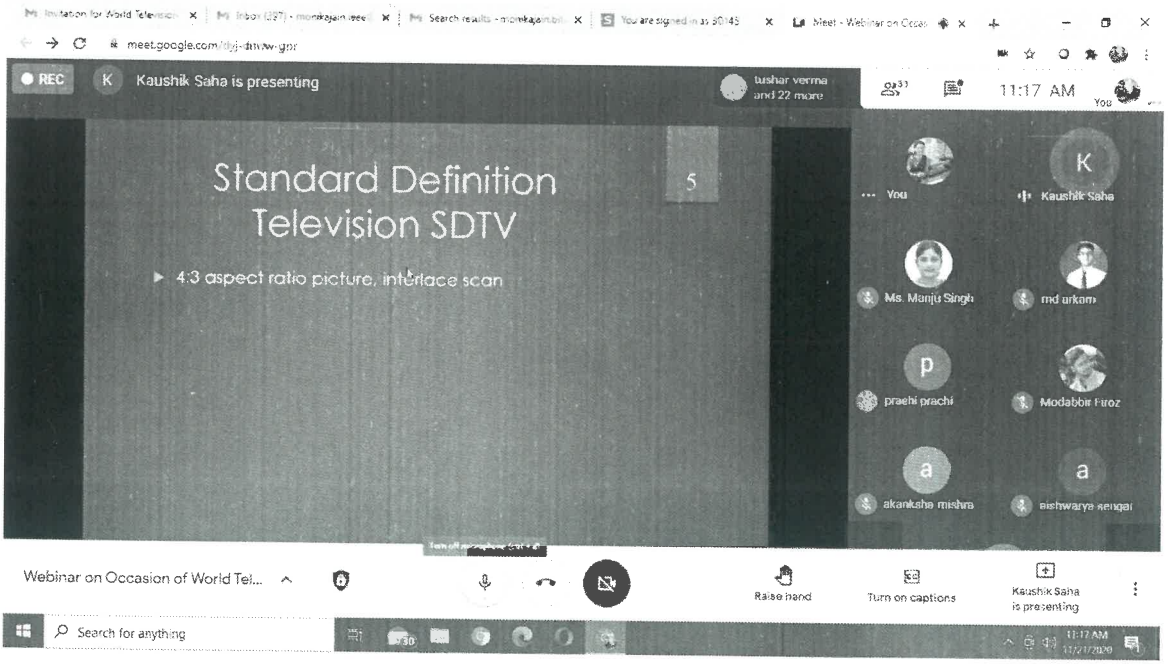

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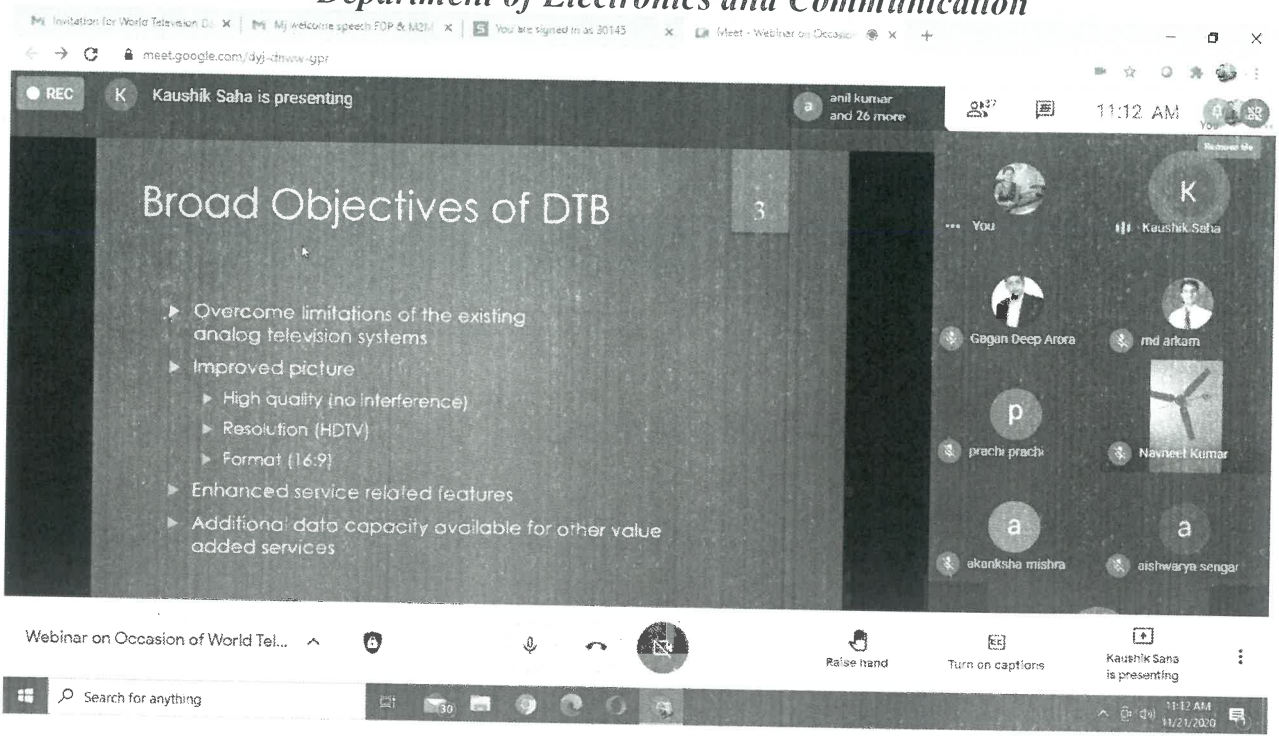

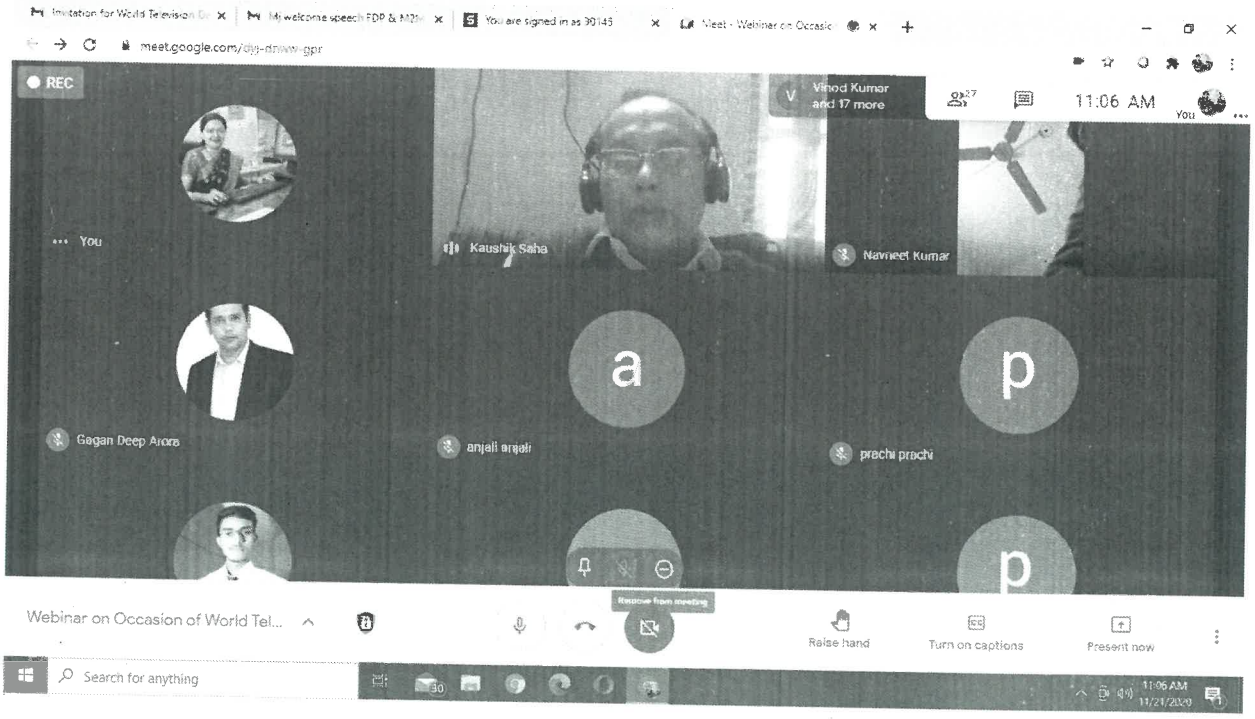

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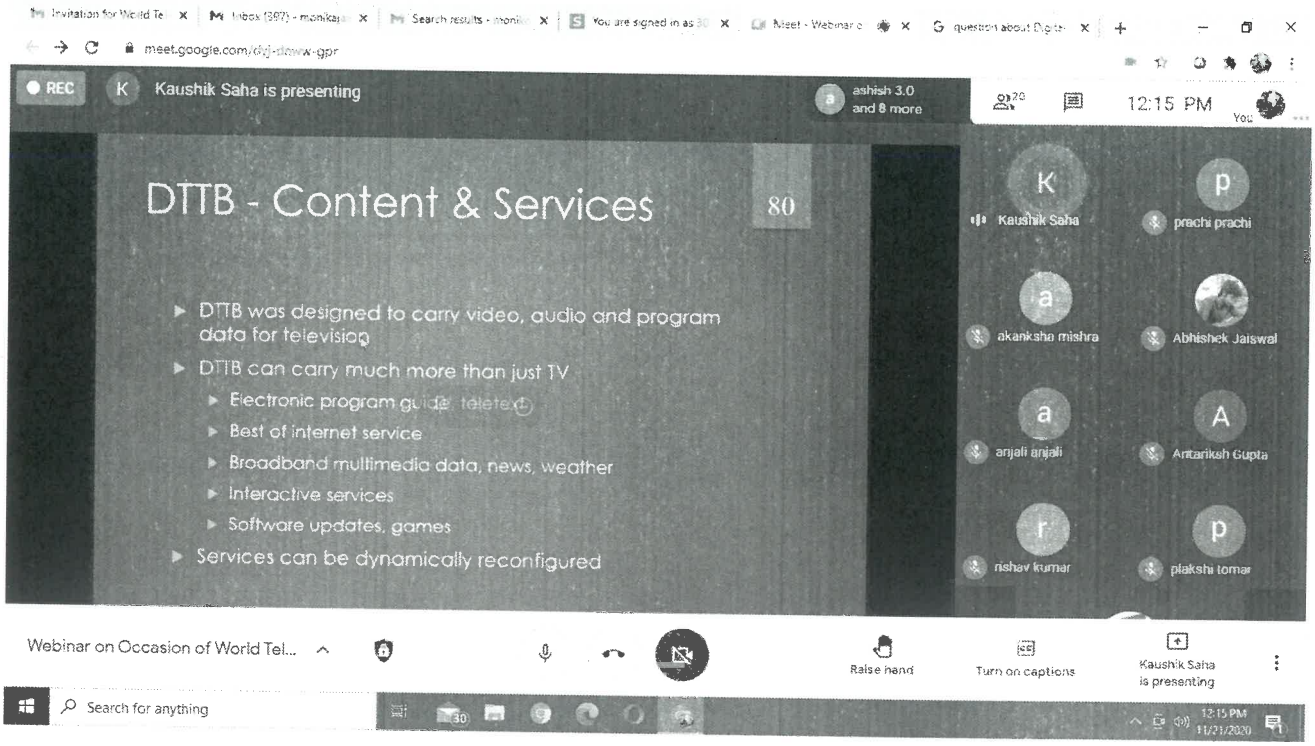

press note regarding the " Industry Expert Talk on Digital Television Revolution" , published in Amar Ujala, Parichowk.com, Visionlive news and Facewarta.com.

Amar Ujala: https://epaper.amarujala.com/noida/my-city/20201212/04.html?format=img&ed_code=noida

Parichowk.com: https://parichowk.com/?p=21176

Visionlive news: https://www.visionlivenews.com/2020/12/blog-post_71.html

Facewarta: http://facewarta.in/?p=3214

'डिजिटल टेलीविजन क्रांति' पर छात्र-छात्राओं को दी जानकारी

ग्रेटर नोएडा। आईटीएस इंजीनियरिंग कॉलेज में शुक्रवार को इलेक्ट्रॉनिक्स और संचार विभाग ने 'डिजिटल टेलीविजन क्रांति' पर ऑनलाइन वार्ता का आयोजन किया। मुख्य वक्ता के रूप में सैमसंग के रिसर्च एंड टेक्नोलॉजी डिपार्टमेंट के चीफ टेक्नोलॉजी अफसर डॉ. कौशिक साहा ने एनालॉग से डिजिटल तक टेलीविजन की उन्नति के इतिहास के बारे में जानकारी दी। उन्होंने बताया कि डिजिटल टेलीविजन में ऑडियो और विजुअल सिग्नल प्रसारित होते हैं। ब्यूरो

आईटीएस कॉलेज में ऑनलाइन वार्ता का आयोजन

फेस वार्ता

Expert Talk on "Digital Television Revolution"

December 12, 2020 admin 0 Comments

Department of Electronics and Communication, ITS Engineering College organized an expert talk "Digital Television Revolution". The talk was delivered by eminent personality Dr. Kaushik Saha (CTO, Samsung-R&D Institute India).

The event began by felicitation of Dr. Kaushik Saha by Professor and Head of Department Dr. Monika Jain. Dr.Saha explained about the history of advancement of Television from analog to digital. He gave a concise account of how in a Digital Television both theaudiovisual signals are transmitted simultaneously using digital encoding techniques. He discussed about various advantages of Digital Television like better picture and sound quality, lesser bandwidth, resolution, aspect ratio, accessibility to larger channels etc.

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PARICHOWK .COM
Greater Noida News Portal

ITS Engineering College hosts expert talk on "Digital Television Revolution"

parichowk.comDecember 11, 2020parichowk.com

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VISION LIVE
NEWS

"डिजिटल टेलीविजन क्रांति" पर ऑनलाइन विशेष वार्ता

विजन लाइव/ग्रेटर नोएडा

आई.टी.एस इंजीनियरिंग कॉलेज ग्रेटर नोएडा के इलेक्ट्रॉनिक्स और संचार विभाग ने "डिजिटल टेलीविजन क्रांति" पर ऑनलाइन विशेष वार्ता का आयोजन किया। कार्यक्रम के मुख्य वक्ता डी कौशिक सहा (एसोसिएट, सैमसंग-आर एंड डी) का स्वागत विभाग अध्यक्ष डा. मोनिका जैन ने फूलों का गुलदस्ता देकर किया। डा. सहा ने प्रतिभागियों को डिजिटल टेलीविजन की उत्पत्ति के इतिहास के बारे में बताया। उन्होंने बताया कि डिजिटल टेलीविजन तकनीकों का उपयोग करते हुए कैसे एक डिजिटल ट्रेलीविजन में भौतिकी और सिग्नल प्रोसेसिंग एक साथ कैसे एकीकृत होते हैं। उन्होंने डिजिटल टेलीविजन के विभिन्न लाभों जैसे बेहतर तस्वीर और ध्वनि की गुणवत्ता, कम बैंडविड्थ, बड़े चैनलों की संख्या आदि के बारे में चर्चा की। उन्होंने डिजिटल टेलीविजन ट्रांसमिशन के लिए विभिन्न मॉडयूलेशन तकनीकों, डिजिटल सिग्नल के प्रसारण के लिए विभिन्न डिजिटल टेलीविजन संचरण विधियों के बारे में बताया। उन्होंने एम.पी.ई.जी, एच.डी, डी.वी.बी एवं जी.ई.ओ.जी.ओ के बीच के अन्तर को समझाते हुए व्यावहारिक रूप से उनको अलग करने के सिद्धांत पर काम करते हैं और फिर उसे डाइरेक्ट करने के लिए सर्किट और सिम्फिनी विंड का उपयोग करते हैं। कार्यक्रम के अन्त में प्रश्नोत्तर का सत्र रखा गया, जिसमें डा. सहा ने छात्रों द्वारा पूछे गए सभी प्रश्नों और उनकी सभी शंकाओं को दूर किया।

Webinar Report

Name of the Event: International Webinar on "Methodology to write Research Publication for High Quality Peer Reviewed Journal"
Invited Speaker: Dr. Ashish Khanna, AP, MAIT, Delhi
Event Coordinator: Dr. Monika Jain(Prof & Head-ECE)
Date of Event: 19/11/2020
Time: 3.00 P.M - 5.00 P.M

Objective:

- To highlight the important key points to write the research articles.
- To identify the appropriate journals to publish the research articles.

Main Report:

Dr. Monika Jain, Prof. & Head - ECE department, ITS Engineering college, Greater Noida has organized an International Webinar on **"Methodology to write Research Publication for High Quality Peer Reviewed Journal"** delivered by guest expert **Dr. Ashish Khanna, AP, MAIT Delhi** on 19th November, 2020. During the lecture, Dr. Khanna enlightened the audience on present scenario of the research work. He discussed about the importance of reading the books and research articles to write the research paper. He stressed upon the proper literature review of a specific research field before deciding the research objectives. Information about the copy right transfer and self-plagiarism have given to the participants. He conversed about the type of research articles and how to select the conferences and journals to publish the research paper. Calculation of the impact factor of a journal has also explained by him. He has discussed in detail about the SCI, SCIE, ESCI, SSCI, AHCI journals. He has also informed the participants about the web of science journals. Difference between Q1, Q2, Q3 and Q4 journals has explained by him in detail. He has very much emphasis on this point that each participant must have the Oricid id and Publon id. Participants have informed about the importance of title and abstract of a research article. Some key words of the article should be inducted in the title of the research paper. He has discussed about some key points that should be included in the abstract. The aim of this webinar was to aware the participants about the writing methodology of the research paper and also about the journals available on the different platform.

Dr. Monika Jain, Head of Electronics & Communication Engineering Department welcomed the invited speaker Dr. Ashish Khanna. This webinar was attended by teaching fraternity, research scholars & Industry professional from all over the country. Participants from abroad have also join the webinar.

Recordings link: https://drive.google.com/file/d/1t7fjgaPiO0M8siFDGD6kbrfIOElHj2-x/view?usp=sharing

Speaker Profile:

Dr. Ashish Khanna has expertise in Teaching, Entrepreneurship, and Research & Development with specialization in Computer Science Engineering Subjects. He received his Ph.D. degree from National Institute of Technology, Kurukshetra in March 2017. He completed his M. Tech. in 2009 and B. Tech. from GGSIPU, Delhi in 2004. He has recently completed his Post Doc from Internet of Things Lab at Inatel, Brazil. He is serving the research and academics as a teacher, researcher, guide, co-guide, keynote speaker, consultant, Book author & editor, convener, project consultant, Entrepreneur and in many more roles. He has around 120 accepted and published research papers and book chapters in reputed SCI, Scopus journals, conferences and reputed book series including 61

papers in SCI indexed Journals of Springer, Elsevier, IEEE Transaction, Wiley Journals with cumulative impact factor of above 180. He also has published a Patent. Additionally, He has authored and edited around 30 books for some of the top publishers like Springer, Wiley, Elsevier, CRC and many more. . He has worked as Guest Editor, Associate Editor in various reputed journals (Springer, Wiley, Bentham Science and many more). He is Series Editor in a top publishing house De Gruyter (Germany) of "Intelligent Biomedical Data Analysis" series and Elsevier Biomedical series. Furthermore he has served the research field as a Faculty Resource Person/Session Chair/Reviewer/TPC member in various conferences and journals. He has received the best paper award in a Springer international conference. He also has been invited as Keynote Speaker. His research interest includes Distributed Systems and its variants (MANET, FANET, VANET, IoT), Machine learning, Evolutionary computing and many more. He is currently working at the Department of Computer Science and Engineering, Maharaja Agrasen Institute of Technology, under GGSIPU, Delhi, India. He is convener and organizer of ICICC-2018, 2019, 2020 & 2021 and ICDAM-2020 & 2021 Springer conference. He has organized "Where Startup meets investor" event with Shaheed Sukhdev College incubation cell under Delhi University where 22 startup get funding approvals from India's top investors in Feb 2020. He has designed question papers for multiple government organizations. He has also played the key role in promoting Smart India Hackathon at MAIT. He is also currently editing some books of Elsevier, Springer, CRC Press and Wiley which will be published soon. He is also the originator of a universal innovator lab and Bhavya Books publishing house. He is a senior IEEE member too. He has 3 published patents to his credit.

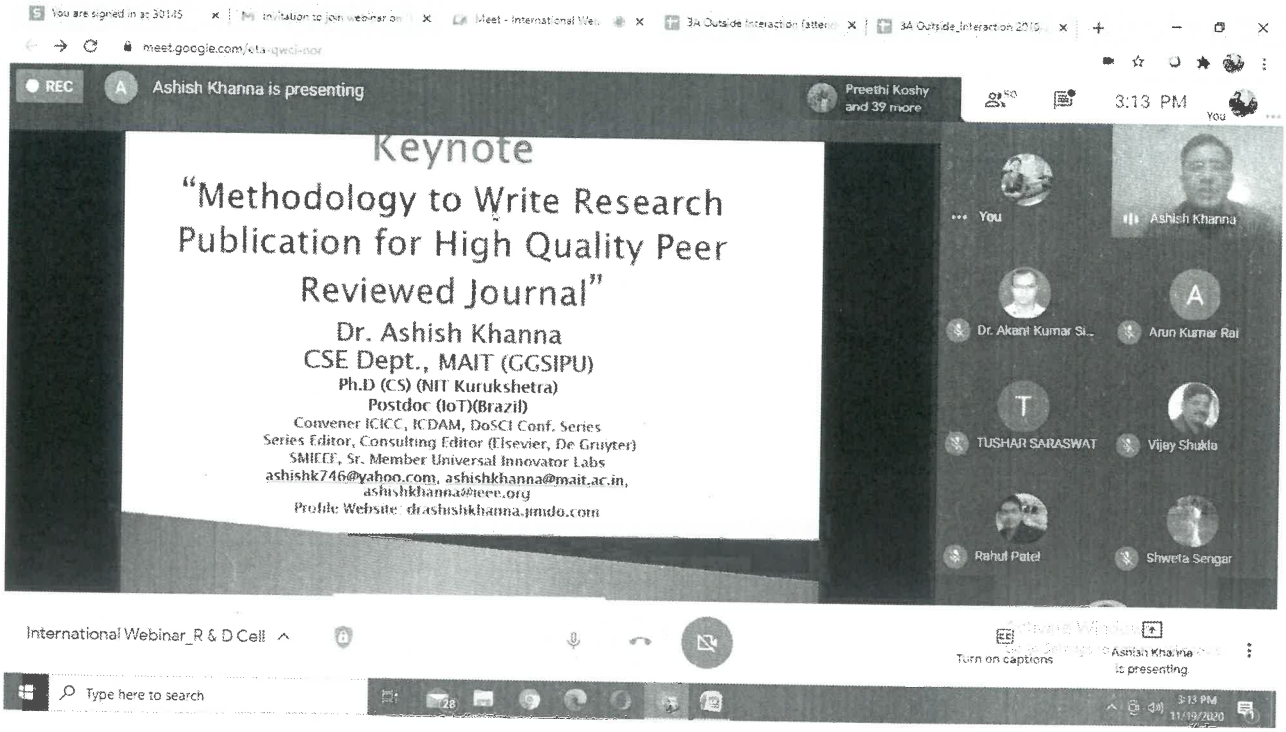
Lecture Outcome:

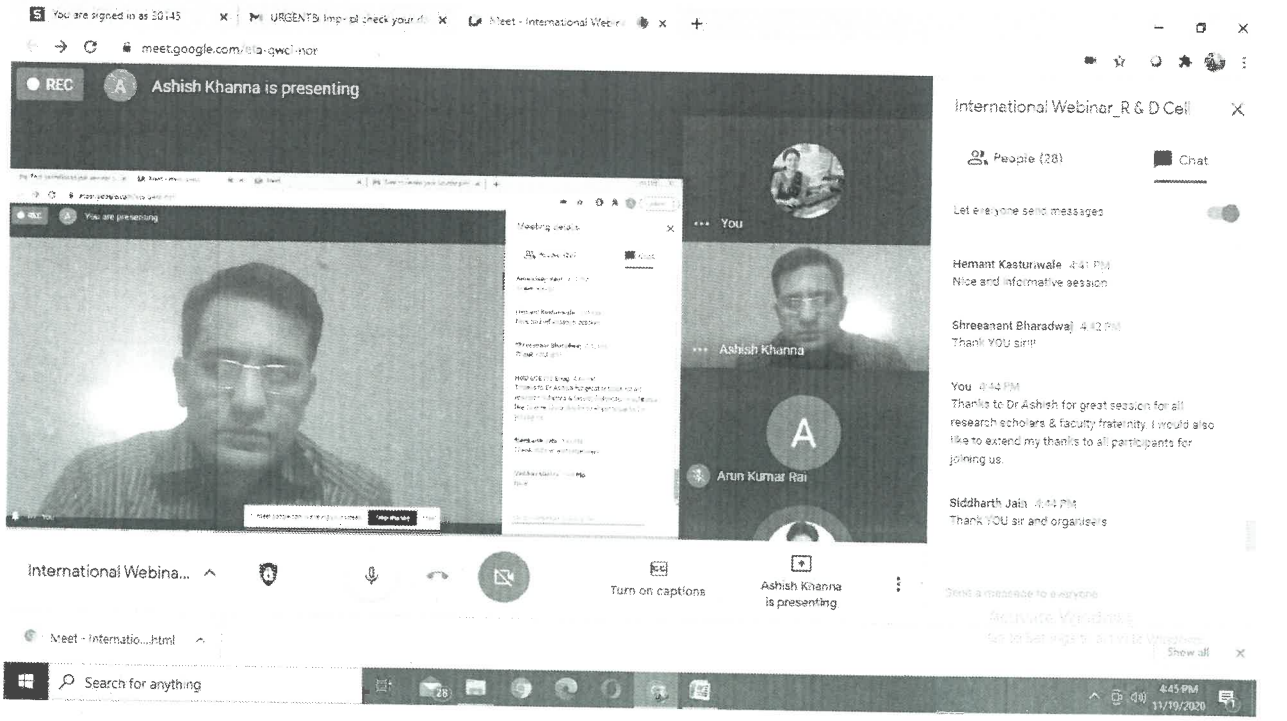
i) Participants learned about the structure of a scientific research article.
ii) Participants were able to understand the importance of the Title and Abstract of a research article.
iii) Understood the procedure to calculate the impact factor of a Journal.
iv) Participants were able to understand about the difference between SCI, SCIE and Scopus journals.
v) Participants came across the reality about the open access journals and paid journals.

Participation details:

Teaching fraternity, Research scholars & Industry professionals: Total 166 Nos.

Glimpse of the webinar with few photographs:





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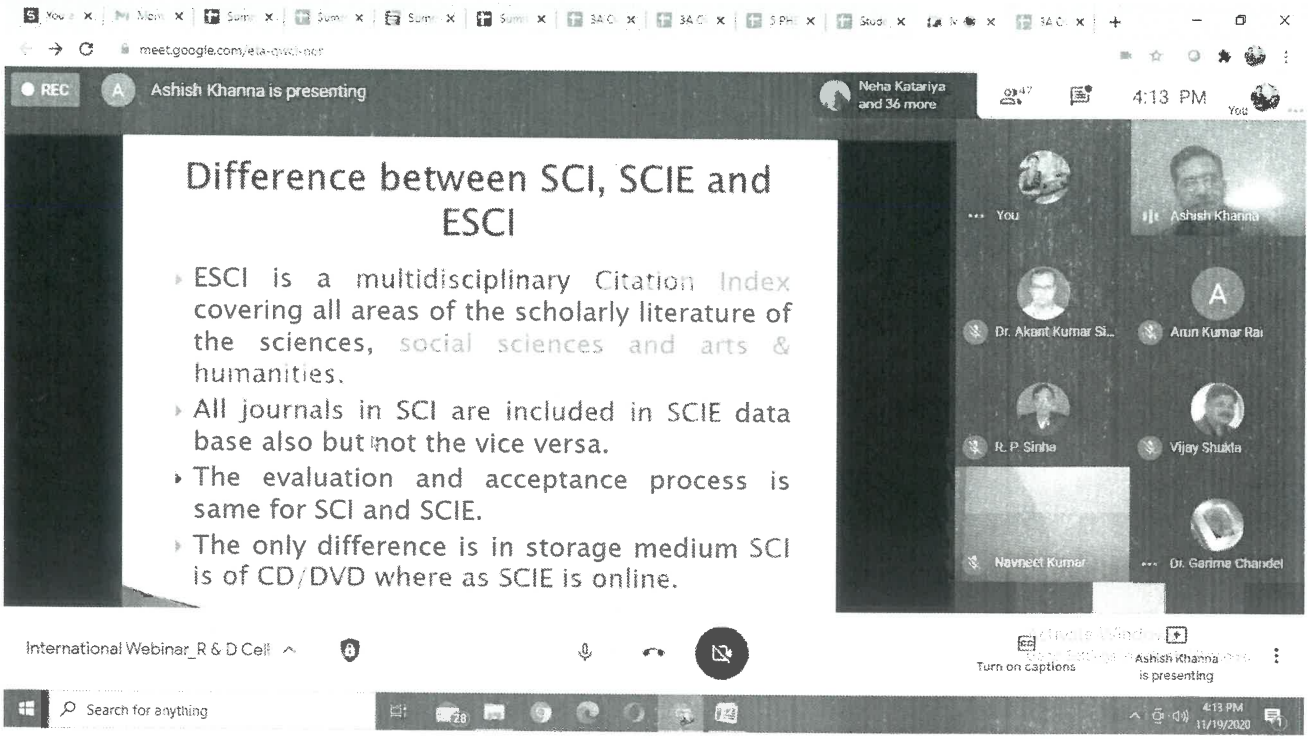
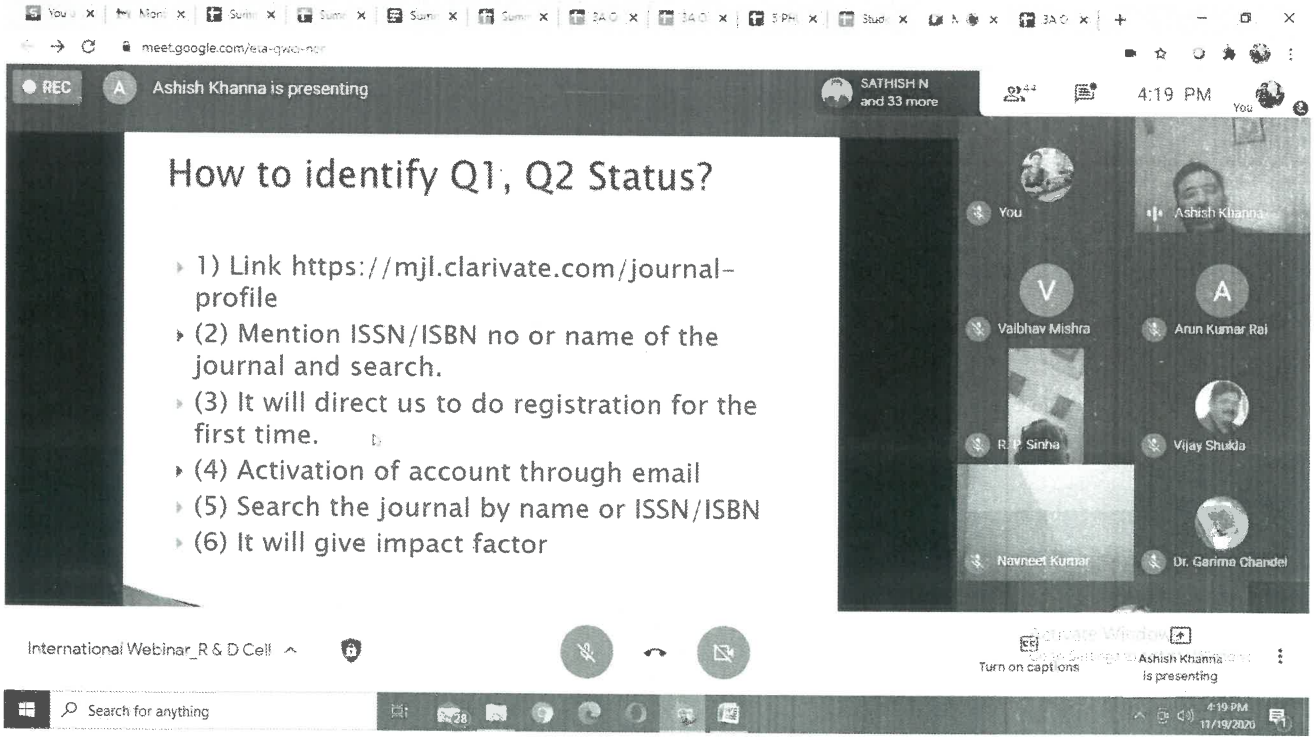
Department of Electronics and Communication





List of Registered Participants:

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Sujata Shukla	Sherwood College of Management, Lucknow	7318567417
Dr Neeta Bhatla	BBDNIIT	9839948762
Rajesh Singh	Kanpur Institute of Technology	9839038865
Pankaj Kumar Rawat	GCRG MEMORIAL TRUSTS GROUP OF INSTITUTIONS LUCKNOW	9473595883
Prof.(Dr.) Monika Jain	ITS Engineering College	09717020158
Richa Goel	KIET, Ghaziabad	9953246317
Chanchal Ahlawat	Jaypee Institute of Information and Technology	8938811827
Siddharth Jain	KIET GROUP OF INSTITUTIONS	8126270776
NAND KISHOR YADAV	RKGIT, GHAZIABAD	9899561023
Amarjeet	JIIT NOIDA	8950775885
Dr. Manisha Sharma	Krishna Engineering College, Ghaziabad	7838994299
Vinod Kumar	BBDNIIT LUCKNOW	9559010971
Km. Ritu	Jaypee Institute of Information Technology, Noida	8791400113
Arvind Kumar	Bansal Institute of Engineering and Technology, Lucknow	9027311140
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SURVESH KUMAR TIWARI	R V INSTITUTE OF ENGINEERING & TECHNOLOGY BIJNOR	7007872706
SASWAT KUMAR DAS	IIMT COLLEGE OF ENGINEERING, GREATER NOIDA	8826374636
Deepak Singh	IIMT GROUP OF COLLEGE	7983723166
Tribhuwan Singh	IIMT Group of Colleges Greater Noida	9999260048
SOVERS SINGH BISHT	IIMT College of Engineering	9871380722
VINEET KUMAR RAI	ITM GIDA GORAKHPUR	7905551937
ASHOK BHARTI	IIMT COLLEGE OF POLYTECHNIC GREATER NOIDA	7376163691
NITESH KUMAR	JAYPEE INSTITUTE OF INFOR<ATION TECHNOLOGY	9911001239
KAMAL KISHOR SHARMA	Iimt college of polytechnic greater noida (UP)	9911716910
Ajay Kumar Singh	BN College of Engineering and Technology	9839789993
sarika	Jaypee institute of Information Technlogy	9999074384
PRAMOD SAJWAN	IIMT Group of Colleges, Greater Noida	9911278024
Priyanka	Ajay Kumar Garg Engineering College, Ghaziabad	7042167421
SHASHANK SRIVASTAVA	RRSIMT AMETHI	8299224887
Shikha yadav	IIMT COLLEGE Of polytechnic	8368059819
Binayak Parashar	Ajay Kumar Garg Engineering College	9654671328
Shaili Mishra	JIIT Noida	9811611362
Dr Rishi Kumar Verma	BNCET, Lucknow	7985164757
UMAKANT SINGH	NARAINA GROUP OF INSTITUTION	08840991852
PAWAN KUMAR GOEL	SHRI RAM GROUP OF COLLEGES MUZAFFARNAGAR UTTAR PRADESH	7017100041
Deshbhushan Patil		7588238909
Mr.N.SATHISH	Vellore Institute of Technology, Vellore	9659957070
S. HEMANANDHINI	VIT University, vellore campus, Tamilnadu	9092877709

KOPPALA SIVA	Vellore Institute of technology	09441470542
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Yeswanth sai T	SVEC	9573414287
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Chintan Patel	PANDIT DEENDAYAL PETROLEUM UNIVERSITY	07874182588
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Prashant Kumar Singh	IIT Ropar	9882443650
Shreeanant Bharadwaj	Maharaja Agrasen Institute of Technology	8750608608
Manorma	Noida Institute of Engineering &Technology	8882718816
Deepti Aggarwal	Delhi Technological University	9267947244
VISHAL LAL GOSWAMI	ASSISTANT PROFESSOR	9808529175
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ANIL VERMA	RAJ KUMAR GOEL INSTITUE OF TECHNOLOGY, GHAZIBAD	8800906783

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Pravesh Chandra	MIT Moradabad	09368662308
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Deepa Krishnan	NMIMS University	9773423043
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Anushka Kalra	Nil	8882824189
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Shubhneet Tiwari	Babu Banarasi Das Northern India Institute of Technology	9140463094
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RITU KHURANA	Chandigarh University	9599588050
Ashish Tiwari	SRMGPC Lucknow	9818262148

Rupesh Shrestha	Dr. Ambedkar Institute of Technology	8088957415
Dr. Anil Kumar Dubey	GNIOT	9992489025
Rahul Patel	KIPM College of Engineering and Technology	9335375757
Ekant	Chandigarh engineering college	9999136692
R SAI SANDEEP KUMAR	QIS COLLEGE OF ENGINEERING AND TECHNOLOGY	9949066914
Maad Mijwil	Baghdad college of economic science University	09647704392671
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Dr Arti Dua	ITS Engineering College, Greater Noida	8447203668
Dr. Deepak Asrani	BNCET, LUCKNOW	9415518690
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Amit Kumar	Shri Ramswaroop memorial group of professional colleges Lucknow	8317074699
Shweta Sengar	ITS Engineering College	9837493567
Dr. Setu Garg	ITS Engineering College	6398370583
ABHISHEK SHIVHARE	ITS ENGINEERING COLLEGE	9811961919
Suresh Wati	ITS	9560409527
Tarun Kumar Chugh	I.T.S Engineering College	9810172959
KP Singh	ITS Engineering College, Gr. Noida	8802252188
MUKESH KUMAR	ITS GROUP OF INSTITUTIONS	9999215241
Dr. Vijay Shukla	ITS Engineering College, Greater Noida	9910279735
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shivani.cse@its.edu.in	ITS engineering college	8727969284
Arun Kumar Rai	ITS Engineering College	9599235859
Aditya Dayal Tyagi	ITS Engineering College Greater Noida	9911201232

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Webinar Report

Name of the Event: International Webinar on "**Career opportunities in Cyber Security Domain**"

Invited Speaker: Ms. Anjali Gautam, Certified Ethical Hacker (CEH),DevSecOps& Software Security Engineer,Reliance Industries, Mumbai.

Event Coordinator: Dr. VrindaSachdeva(Associate Professor, Department of CSE)

Date of Event: December 29, 2020

Time: 11:00AM –01:00PM

Objective: Deliver the knowledge about career opportunities in cyber security domain and demonstration of real time application. It will be beneficial for the growth of student career which would assist in their placement too.

Main Report:

R&D Cell, I.T.S Engineering College Greater Noida had organized an International Webinar on **"Career opportunities in Cyber Security Domain"** delivered by guest expert **Ms. Anjali Gautam**, Certified Ethical Hacker (CEH),DevSecOps& Software Security Engineer,Reliance Industries, Mumbaion 29th December, 2020. During the lecture, **Ms. Anjali Gautam**enlightened the audience on present scenario of the cybersecurity. She stressed upon the various fields where cyber security is used. She conversed about the type of security like DevsecOps ,Application security and container/Kubernetes security. Demo session conducted on the DevsecOps ,Application security and container/Kubernetes security . She has very much emphasis on this point that each participant must show their involvement in the webinar to have interactive session. The aim of this webinar is to deliver the knowledge about real-time scenario of cyber security to grow student's career which would assist in their placement too.

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Dr. VrindaSachdeva, Associate Professor in the department of Computer Science and Engineering welcomed the invited speaker **Ms. Anjali Gautam**. This webinar was attended by students, research scholars and faculty members from all over the country.

Recordings link:

https://zoom.us/rec/share/nBrWPJbh9h2aYgXmJnaVYCUB8bNq0Gu3lnoSspLDfPRJ4OCZ_fViNSp16lq5SRQP.4T0btLguZ8wXvKDP

Passcode: cvws!s6=

Speaker Profile:

Ms. Anjali Gautam is currently being associated with Reliance Industries, Mumbai as DevSecOps& Software Security Engineer, she has done Masters in Cyber Security & forensics and have overall four years of industrial experience.She is a Gold medallist in Masters in Cyber Security & forensics.

She has expertise on multiple sub domain in cyber security like web application Security, network security, kubernetes& Container, Cloud & Mobile application security. She has worked on major multiple projects like Zero trust identity framework, Security automation & integration, web application firewall (Using Machine Learning Approach) and has passed certified ethical hacker exam in 2018. She has also worked in CDAC, Hyderabad in Research Intern.

Lecture Outcome:

(i) Participants learned about the Cyber Security Domain concepts.

(ii) Participants were able to understand the importance of the Title and basics of the CyberSecurity.

(iii) Participants learned about theDevsecOps, application security and container/ kubernete security.

(iv) Understood the real-time requirements ofCyber Security .

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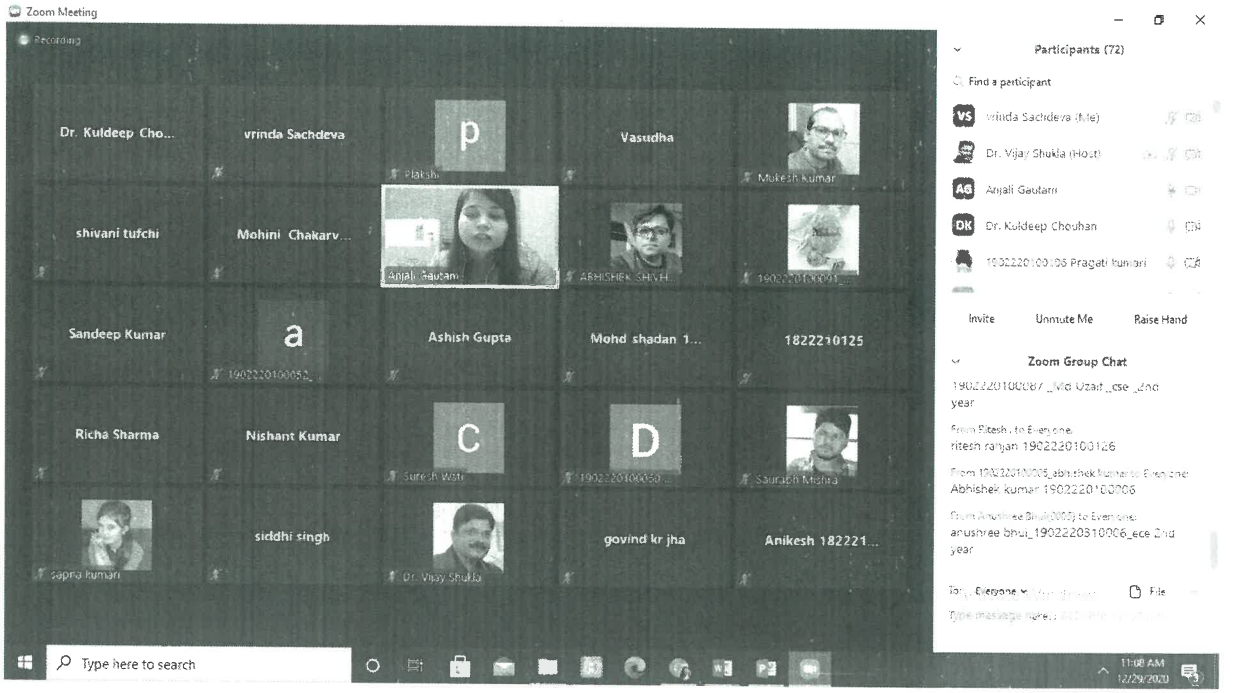
Participation details:

Students, Research scholars &faculty members: Total 118 Nos.

Glimpse of the webinar with few photographs:



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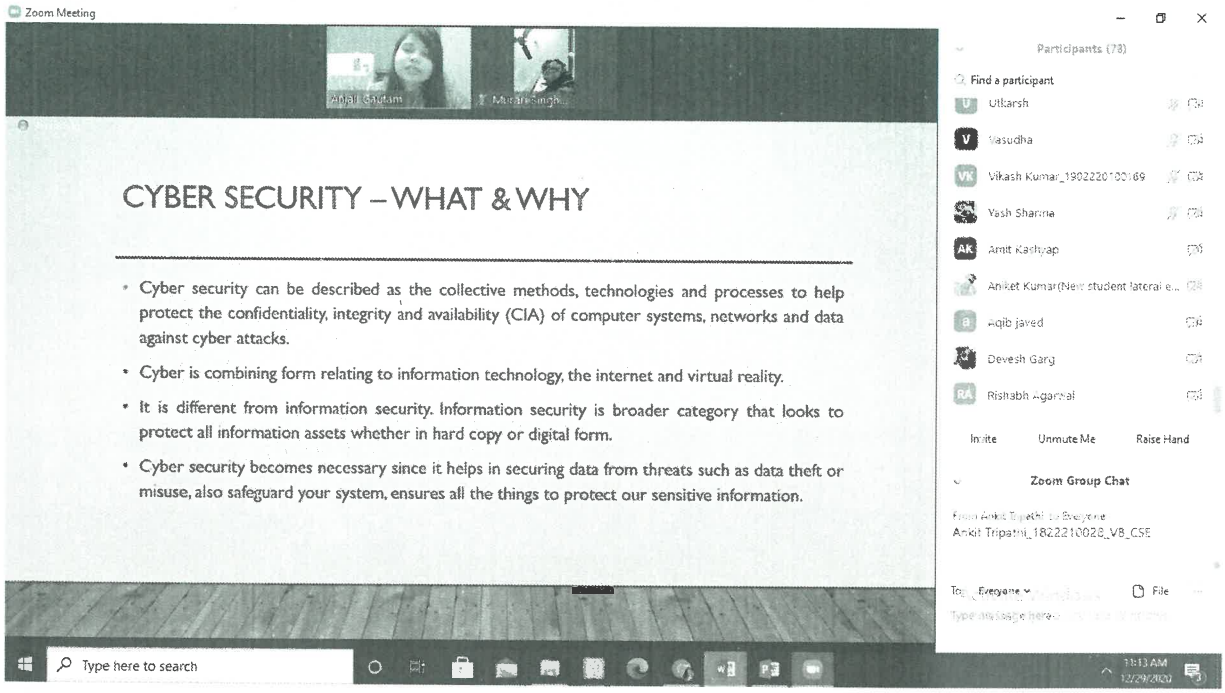

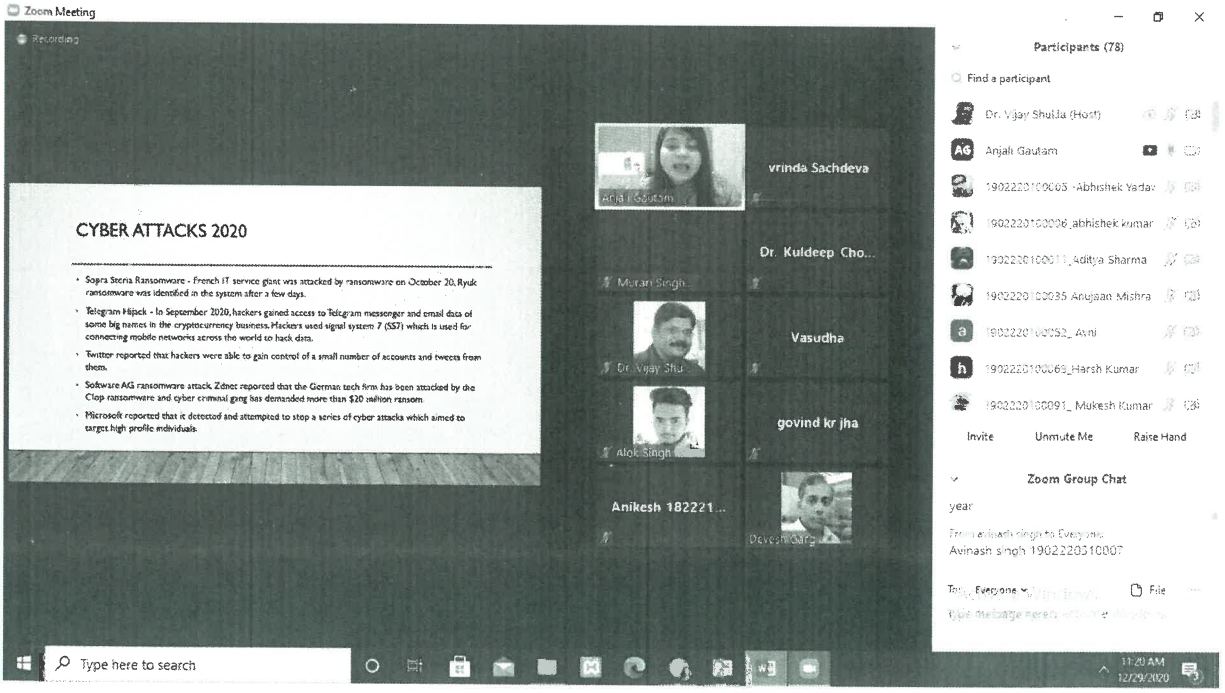

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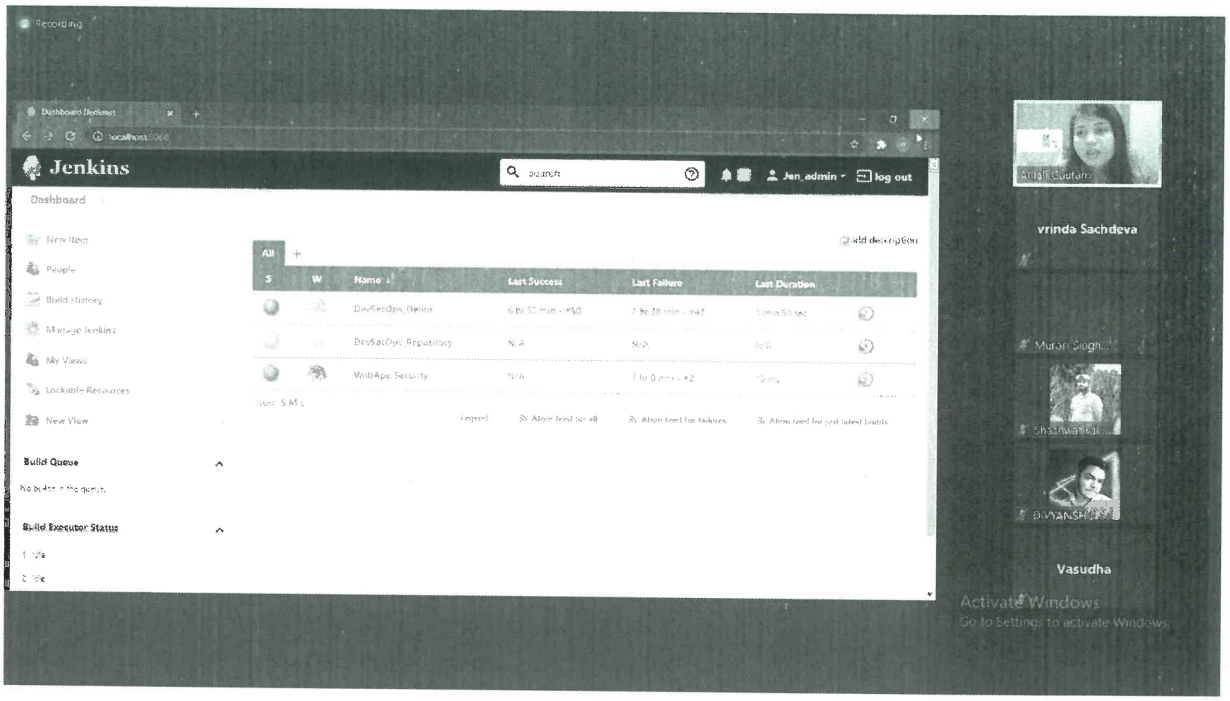

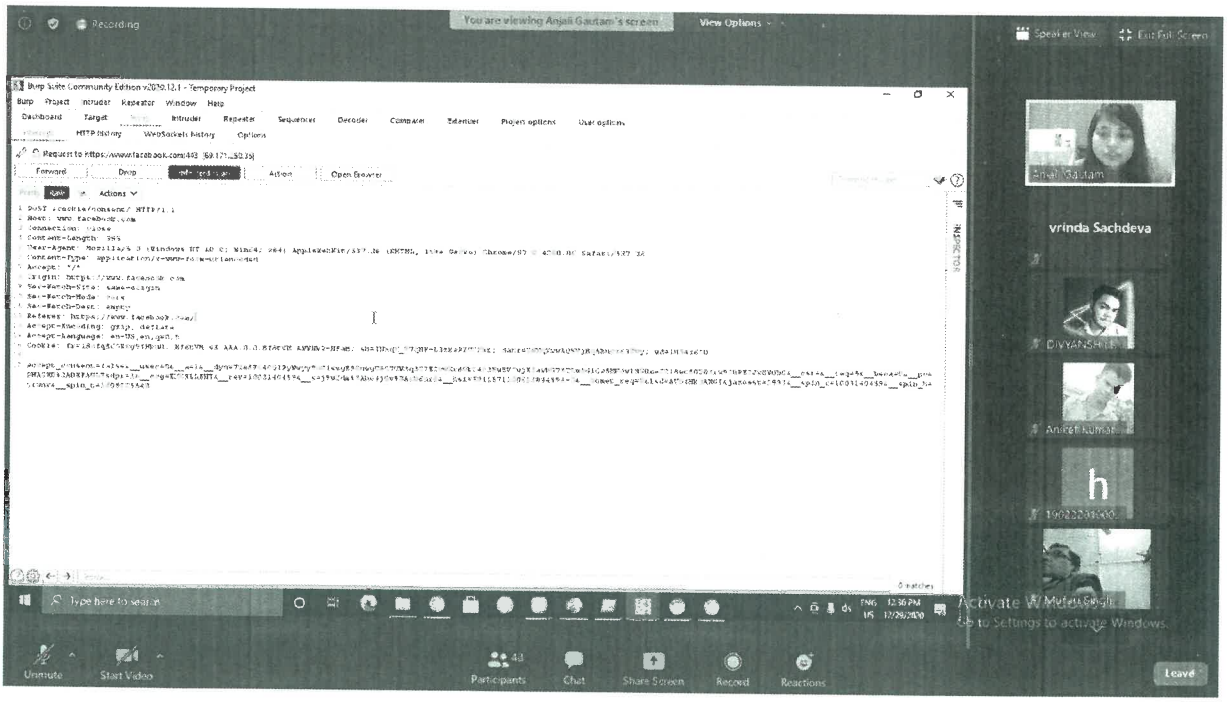

List of Participants:

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Dr.VrindaSachdeva	ITS Engineering College	9812367679
Dr.KuldeepChouhan	ITS Engineering College	
KP Singh	ITS Engineering College	8802252188
Suresh Wati	ITS engineering college	8433164667
Lalita Chaudhary	ITS Engineering College	9953872156
DEVESH GARG	ITS Engineering College	9953320266
Aqibjaved	ITS Engineering College	9927907780
Yashkaushik	ITS Engineering College	9557456705
Piyush Kumar Singh	ITS Engineering College	7033007553
Gaurav Yadav	ITS Engineering College	8630671192
MohiniChakarverti	ITS Engineering College	7983372475
Sakshi Sharma	ITS Engineering College	9910870650
RICHA SHARMA	ITS Engineering College	8376810104
Ritik Sharma	ITS Engineering College	9818692374
RiteshRanjan	ITS Engineering College	9971634240
Anubhav Chaudhary	ITS Engineering College	7983848775
Siddharth Srivastava	ITS Engineering College	7042006575
Anujaan Mishra	ITS Engineering College	9717270561
Shivendra Pathak	ITS Engineering College	7497936167
Chetan Kumar Sharma	ITS Engineering College	6395007252
Tarun Kumar Chugh	ITS Engineering College	9810172959
Utkarsh Srivastava	ITS Engineering College	9453010488
Pranaw Kumar Singh	ITS Engineering College	9939068203
naveenkumargupta	ITS Engineering College	9024109456

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Sandeep Kumar	ITS Engineering College	8527026776
Amit Singh	ITS Engineering college, Greater Noida	7080918192
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Anshulkumar	ITS ENGINEERING COLLEGE	8285373624
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RiyazAmadbhat	Its engineering collage	9682374443
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VIKASH KUMAR	ITS Engineering college	7667742071
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Nitish Kumar jha	ITS ENGINEERING COLLEGE	7903192379
Yash Sharma	ITS Engineering College	9811222678
Deepak	I.T.S Engineering College	7460021388
Avni	Aktu	9572229016
Ashish Kumar Patel	I.T.S ENGINEERING COLLEGE	9555516840

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AnushreeBhui	ITS Engineering College	8582974995
Anandpandey	ITS college, AKTU university	8376972927
Suman Gupta	ITS ENGINEERING COLLEGE	7683045649
PragatiRai	ITS Engineering College	8102039475
Rakshittyagi	Its engineering	8433117641
Abhishek yadav	ITS Engineering college	8840895208
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Raja Gupta	ITS Engineering college	7644988379
Alok Singh	I.T.S engineering college	7011072057
Sachin	ITS engineering college AKTU	7668615923
AkashRai	I.T.S. ENGINEERING COLLEGE	9654078739
Ashvini Sharma	ITS Engineering College greater Noida	9455832577
Roshan Kumar	ITS ENGINEERING COLLEGE	8826262508
Anil Kumar	ITS Engineering College	9696289907
ShivanshJaiswal	ITS ENGINEERING COLLEGE	8840582658
Sudheer Mishra	ITS ENGINEERING COLLEGE	9519009640

NAME OF EVENT: Expert talk on NBA Assessment & Accreditation Process

DATE OF EVENT: December 23, 2020

ORGANISED BY: I.T.S. ENGINEERING COLLEGE (ECE DEPARTMENT)

Guest: **Dr. R. P. Dhaiya, Professor (R), IIT, Delhi** (MARGDARSHAK AICTE)

OBJECTIVE: To provide deep insight about NBA Assessment & Accreditation Process.

REPORT:

On December 23, 2020, Department of Electronics and Communication Engineering, I.T.S. Engineering College organized an Expert talk on "NBA Assessment & Accreditation Process". The guest was felicitated by the Dr. Monika Jain, HOD-ECE.

The following points were discussed and emphasized by **Dr. R. P. Dhaiya**

1. The long-term damage done by the lockdown to the education.
   Initially he contemplated about the long-term damage done by the lockdown and virus on education sector in comparison to the impact on economy.

2. Things to be taken care of while fixing the time for online and offline meeting.
   He made us aware of the things we must take care of while making appointments for online and offline meetings with him. Wherein, he asked us to have a telephonic conversation before we mention and fix dates on the app provided by the AICTE for the same.

3. The number of years NBA accreditation is given for and the conditions for that.
   He apprised us that there is a different point system for 3 and 6 years of accreditation and Tier1 and TierII educational institutes.

4. Will the NBA extend the accreditation for another year because of covid-19?

He was of the view that NBA might extend the already acquired accreditation for another year because of the constraints imposed due to covid-19.

5. NBA has a student centric approach.
   Herein, he stressed upon the point that NBA has a student centric approach wherein it evaluates the institute based on no. of students, their performance, industrial projects, summer internships matching the interest of the students, placement (number and package), faculty-student ratio etc.

6. What is not the purpose of NBA?
   In this section he made us aware of misconceptions we can have regarding NBA. He emphasized on all those things which NBA do not stand for like it does not exist to find fault, denigrate, demarcate quality boundaries and select institute of national excellence rather it exists to find where you stand, what is your strength & weaknesses, how you can continuously improve quality and set benchmark to evaluate our performance.

7. He emphasized on outcome-based learning.
   Among the various metrics used to assess the outcome of the efforts of the institute he emphasized on student's contribution toward society, professional and personal ethics and sensitization toward societal needs.

8. NBA works in tandem with Washington Accord.
   He told us that NBA work with an international approach after education institutes have become part of the Washington Accord.

9. IQAC for continuously maintaining quality.
   He advised us to form IQAC in our institute and if it is already formed then make it sure that it considers quality as an ongoing and continuous process and engage with the improvement of all the facets associated with quality.

10. Revisiting mission and vision.

As mission and vision are the guidelines of any organization and stakeholders make an initial perception about you based on them, he advised us to revisit our mission and vision statements and make them unambiguous and precise.

11. PEO's & mission alignments.
    He stressed upon the need to align the mission statements with Program Educational Objectives (PEO's) so that we could know whether what we are doing translate into the fulfilment of the objectives or not. Herein, he also emphasized on self-assessment as a tool for evaluation of our own performance.

12. High visibility of evidence.
    Last but not the least, he underlined the importance of making the evidence of our performance and achievements highly visible to all the stakeholders so that there is enough awareness among them.

The outcome of the discussion:

The participants not only got to understand what is needed from them as an active participant in the process of NBA accreditation, but they were also able to develop an NBA centric approach which would translate into their performance in coming days. Overall, it was an invaluable discussion which will definitely going to add value to the process of evaluating ourselves and the institute.

FACULTY CO-ORDINATORS:

Dr. Setu Garg (Associate Professor, ECE)

Ms. Shweta Sengar (Assistant Professor, ECE)

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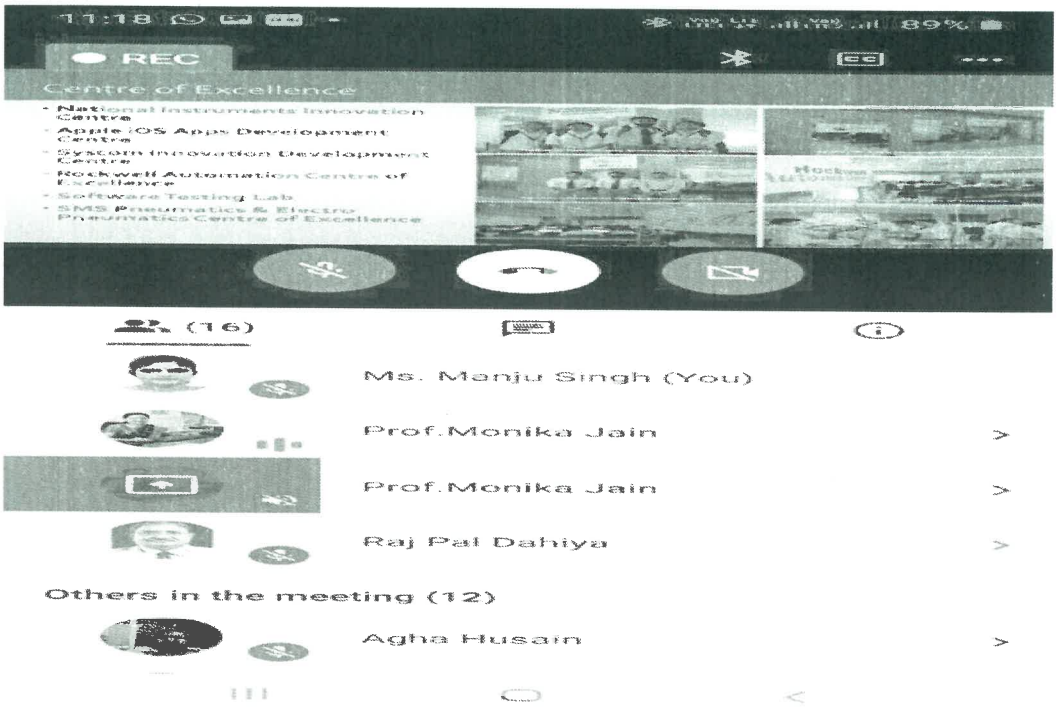

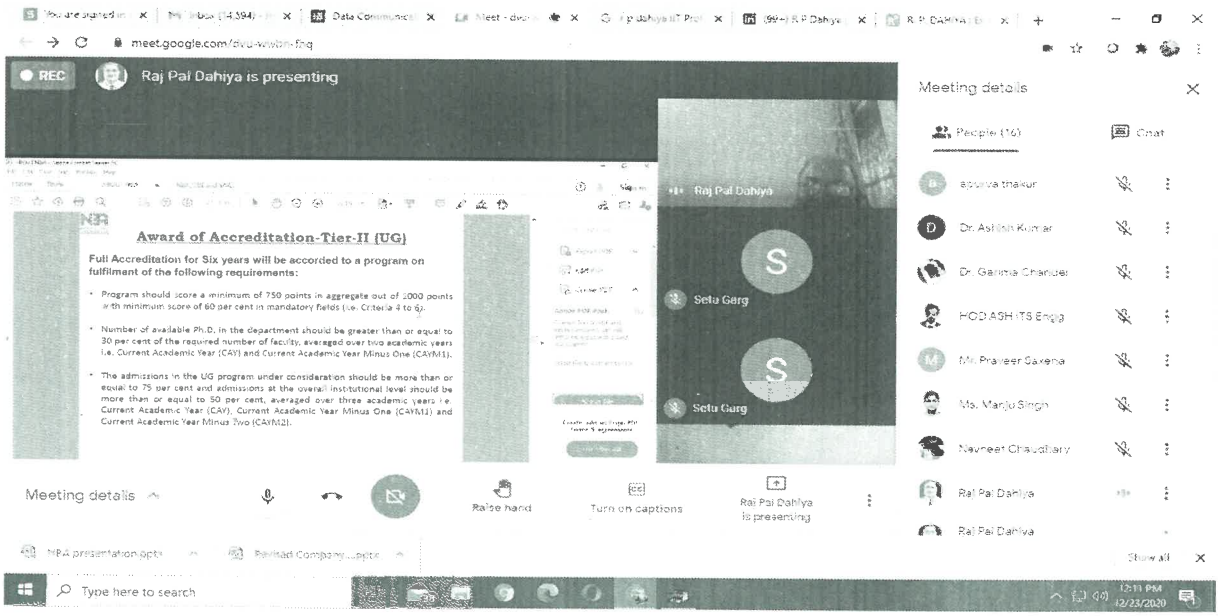

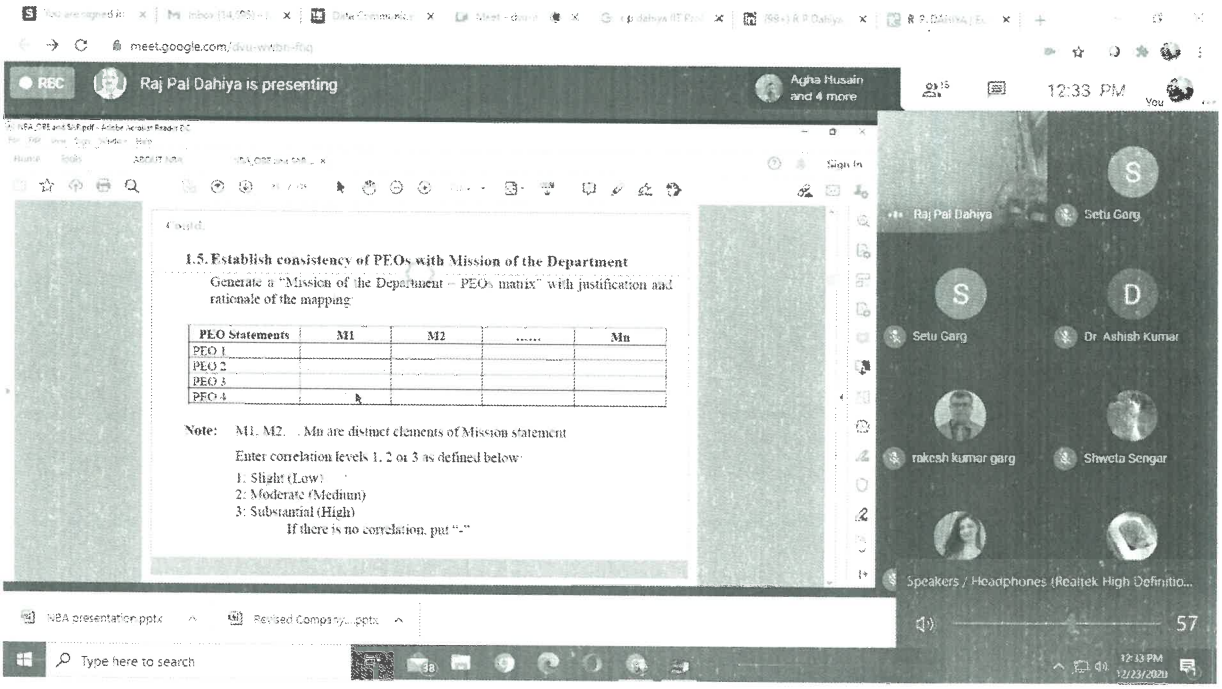

1.5. Establish consistency of PEOs with Mission of the Department

Generate a "Mission of the Department – PEOs matrix" with justification and rationale of the mapping

PEO Statements	M1	M2	.....	Mn
PEO 1				
PEO 2				
PEO 3				
PEO 4				

Note: M1, M2, . . Mn are distinct elements of Mission statement

Enter correlation levels 1, 2 or 3 as defined below:

1: Slight (Low)
2: Moderate (Medium)
3: Substantial (High)

If there is no correlation, put "-"

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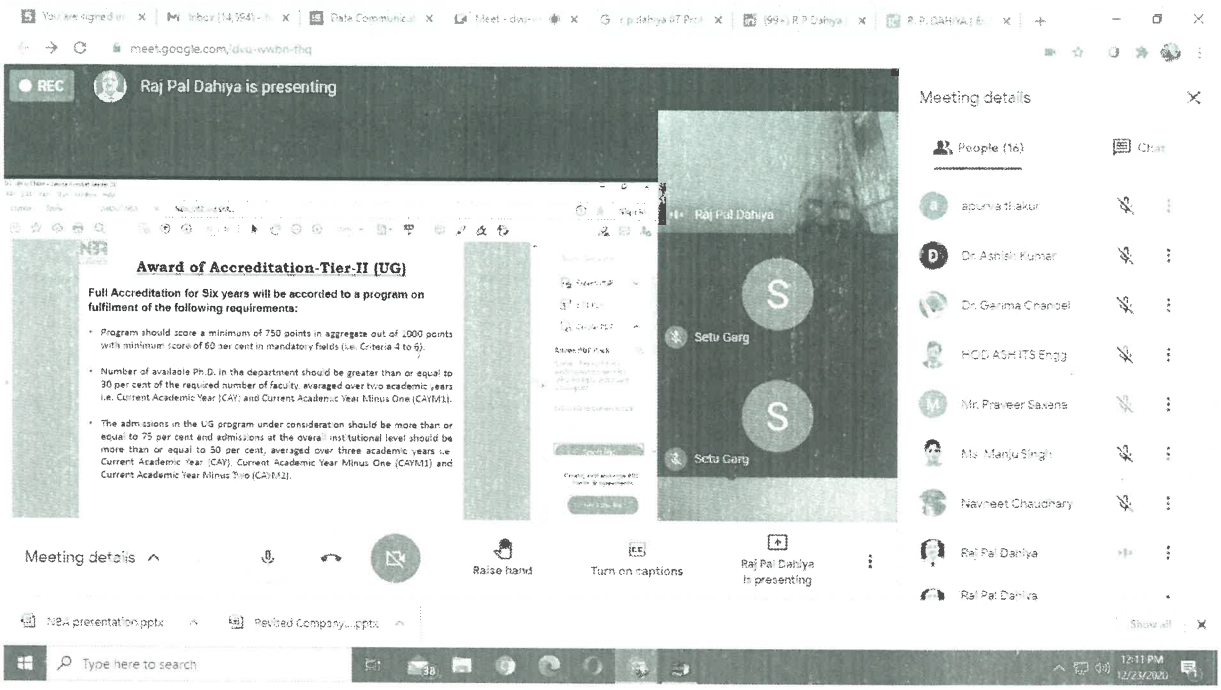

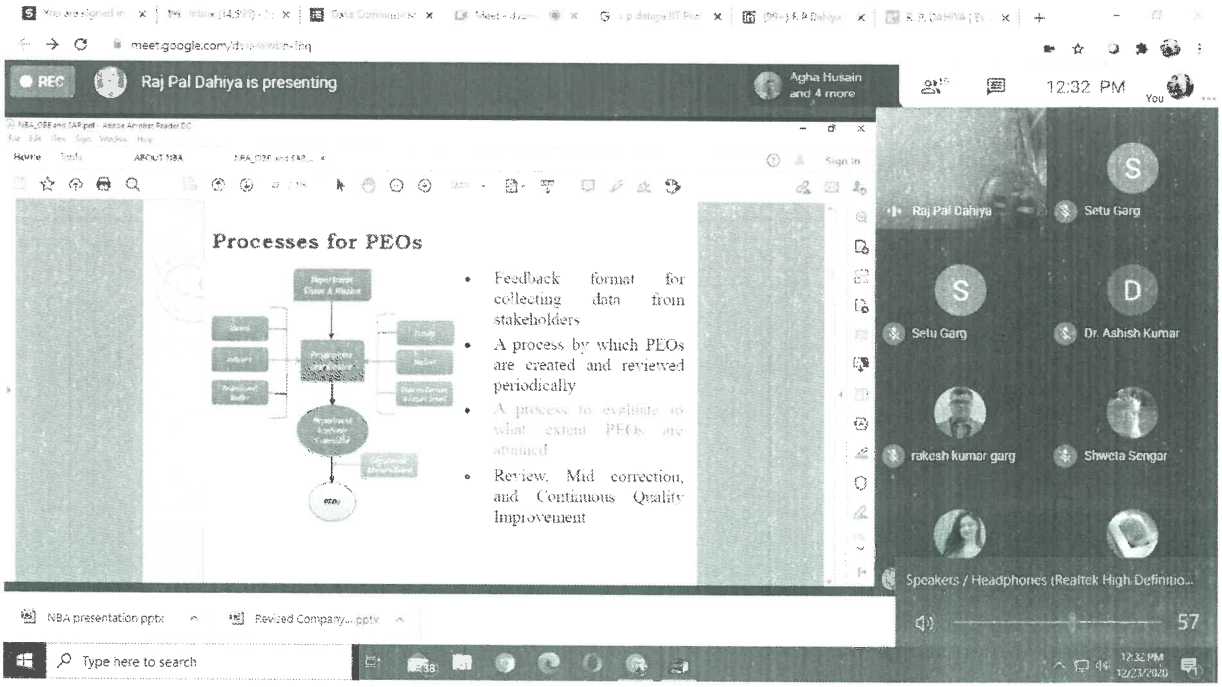

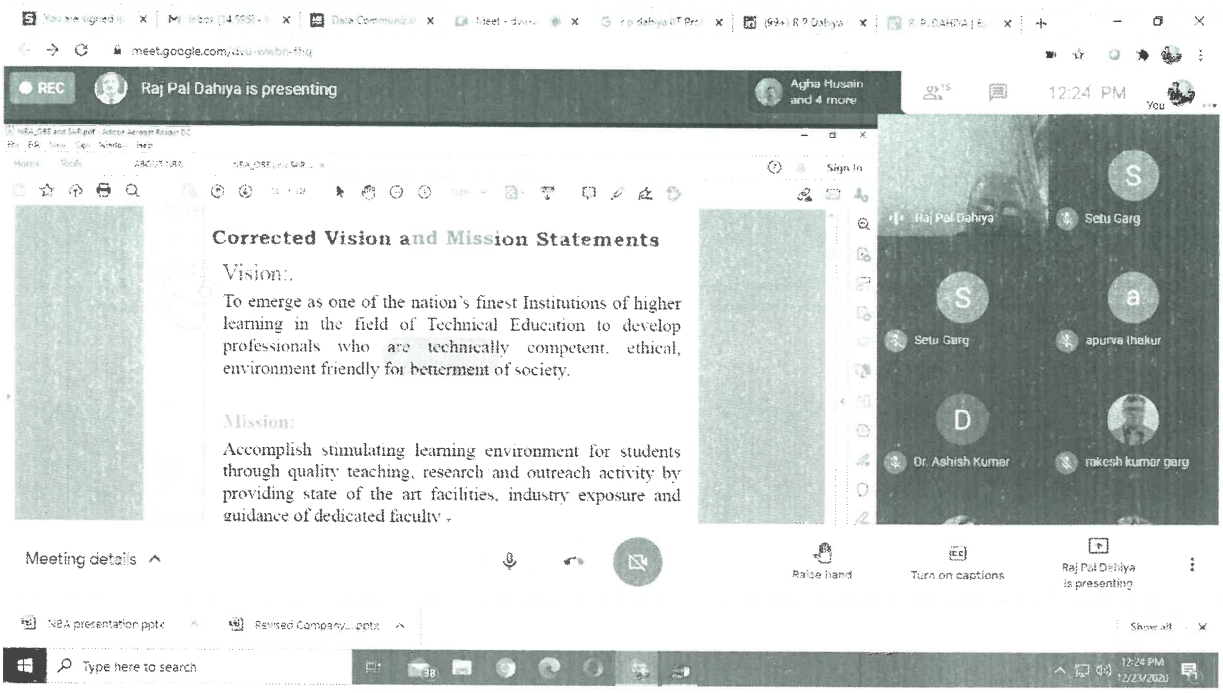
REC
Raj Pal Dahiya is presenting
Agha Husain and 4 more
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You
Corrected Vision and Mission Statements
Vision:
To emerge as one of the nation's finest Institutions of higher learning in the field of Technical Education to develop professionals who are technically competent, ethical, environment friendly for betterment of society.
Mission:
Accomplish stimulating learning environment for students through quality teaching, research and outreach activity by providing state of the art facilities, industry exposure and guidance of dedicated faculty .
Raj Pal Dahiya
Setu Garg
Setu Garg
apurva thakur
Dr. Ashish Kumar
rakesh kumar garg
Meeting details
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Raj Pal Dahiya is presenting
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WORK REPORT

Name of Event: Webinar On "Introduction of Embedded AI" by Rohit Prajapati (CTO, DigiToad Technologies)

Date of Event: 23rd December, 2020.

Time: 3:00 PM

Organized by: E.C.E Department, ITS Engineering College.

Event Coordinator: Mr. Nitesh Pradhan (Trainer NI LAB, ECE Department)

Facilitator: Ms. Apurva Thakur (Asst. Prof. ECE Department)

Speaker: Rohit Prajapati (CTO, Digi Toad Technologies)

Speaker Profile :.

Event Objective: To educate students on about various aspects of. Embedded AI

Report: The event began by felicitation of Rohit Prajapati by **Mr. Nitesh Pradhan (Trainer NI LAB, ECE Department).** Rohit Prajapati explained students about various concepts of **Embedded AI** .He discussed about various applications of Embedded AI in resource planning, sensors, IOT etc The main topics covered in the webinar were:

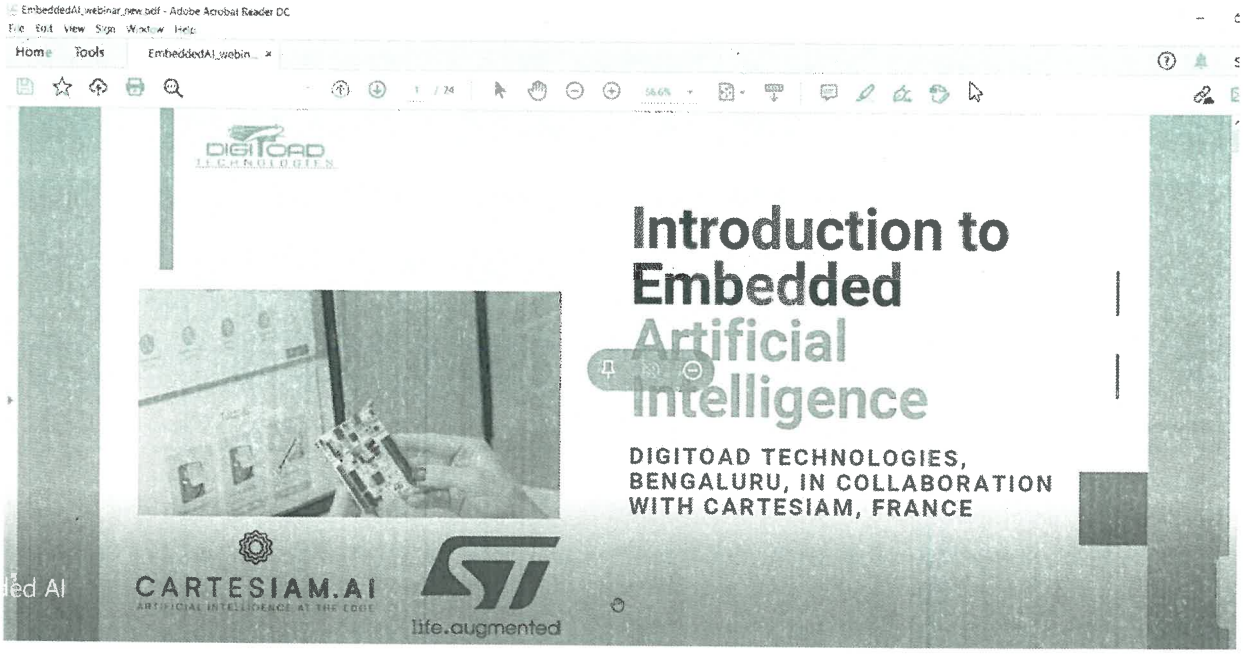
- **The world of Embedded.**
- **Computing Sensors Intelligence**
- **Designing AI powered Embedded Systems.**
- **Scope & Opportunities.**
- **Project Demonstration.**

Program Outcome: Students gained information about various aspects of **Embedded AI**

Program attendance: 40 (including teachers and students)

The link to the recorded session is given below:

Link https://youtu.be/IhM5lJDHNco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TECHNOLOGIES
Introduction to
Embedded
Artificial
Intelligence
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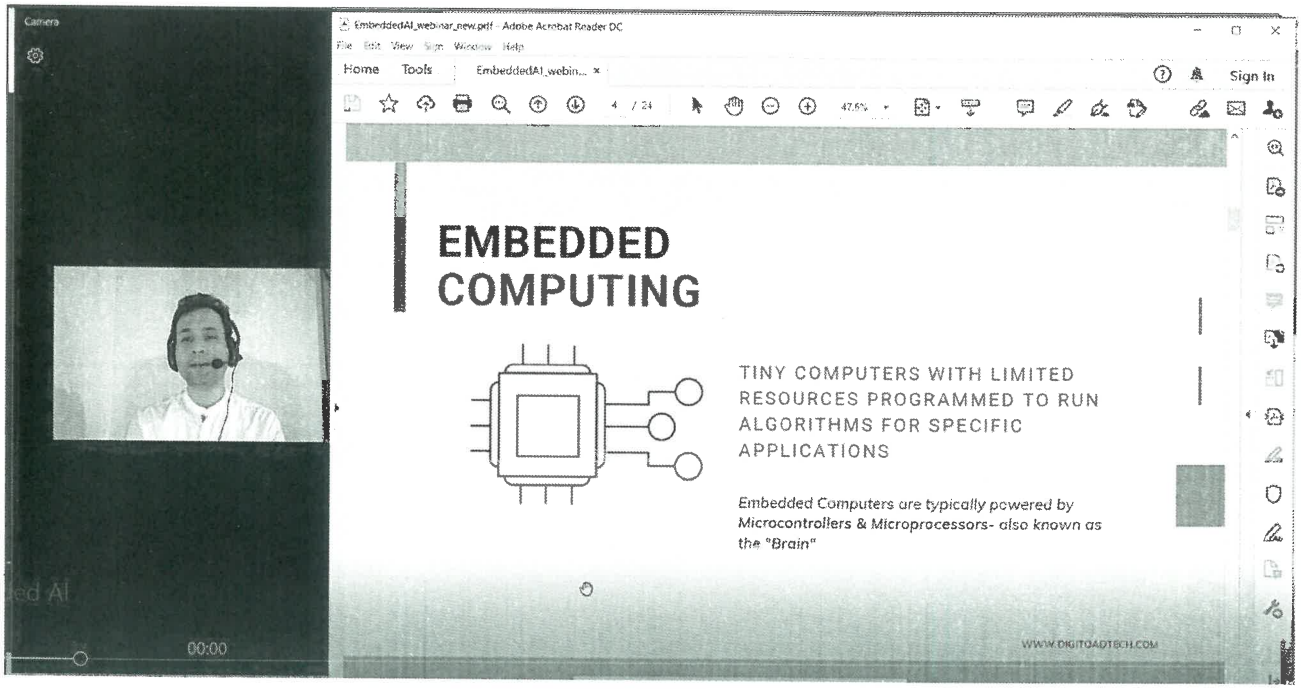
BENGALURU, IN COLLABORATION
WITH CARTESIAM, FRANCE
CARTESIAM.AI
life.augmented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Home
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Sign In
EMBEDDED
COMPUTING
TINY COMPUTERS WITH LIMITED
RESOURCES PROGRAMMED TO RUN
ALGORITHMS FOR SPECIFIC
APPLICATIONS
Embedded Computers are typically powered by
Microcontrollers & Microprocessors- also known as
the "Brain"
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00:00

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DIGITOAD TECHNOLOGIES

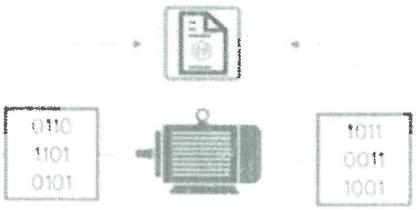
Department of Electronics & Communication Engineering
Organizing Webinar on

Introduction of Embedded AI

Speaker
Rohit Prajapati
Chief Technical Officer
DigiToad Technologies

TOPICS

- The world of Embedded
- Computing Sensors Intelligence
- Designing AI Powered Embedded Systems
- Scope & Opportunities
- Project Demo



On 23rd Dec 2020 at 3:00 Pm- 4:00 Pm

Webinar Link https://meet.google.com/zrp-gsnj-tmp

Program Coordinator
Mr. Nitesh Pradhan
Trainer & Coordinator NI-COE

Facilitator
Ms. Apurva Thakur
As. Prof. ECE Dept

In Collaboration With Digitoad Technologies, Bengaluru
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Online Expert Talk Report

Name of the Event: Online Expert Talk on "Physics behind Powder and Granules Interactions"
Invited Speaker: Dr. Naveen Mani Tripathi, Scientific Researcher, Technical University of Munich (TUM), Germany
Event Coordinator: Prof. Manvendra Yadav
Date of Event: 21/12/2020 (Mon.)
Time: 02.30 P.M. -04.00 P.M.
Venue: Online (through Zoom platform)

Objective:

- To highlight the basic aspects of powder physics as well as granular interactions and their future scope.

Main Report:

Department of Mechanical Engineering, ITS Engineering College, Gr. Noida organized an online expert talk on 21st December, 2020. This expert talk was on, **"Physics behind Powder and Granules Interactions".** The webinar had a knowledgeable session addressed by **Dr. Naveen Mani Tripathi, Scientific Researcher, Technical University of Munich (TUM), Germany**.

Dr. Naveen Mani Tripathi focused on the importance of physical properties and characteristics of powder. He emphasized on rotating drum principles and differentiated between cohesive and non-cohesive granular materials. Dr. Tripathi envisaged the contact force, Van der walls force, capillary force, hydrodynamic force and electrostatic force. He discussed about the density, rheology, agglomeration and segregation of powdered materials. He told about the behaviour of liquid, amorphous solid and crystalline materials along with their laminar and turbulent flow. He stressed upon various problems associated with powder process and also discussed about the workflow for additive manufacturing. In essence, this expert talk helped students, industry practitioners and fellow researchers to understand the basic aspects of physics behind powder and granules interactions, which shall pave the way for more rigorous efforts in this direction.

Dr. Sanjay Yadav, Head, Mechanical Department, welcomed the eminent speaker on behalf of the Mechanical Engineering Department and I.T.S Engineering College and emphasized the need of such interactions in future also. Prof. Manvendra Yadav, Event Coordinator introduced the expert and took the charge of online talk efficiently. More than 100 participants including students, faculty, researchers and industry persons attended this talk.

Webinar Outcome:

i) The students and all other attendees learned about the physical aspects of powder.
ii) Understood need for improvising the effectiveness of various powder processes.

Participation details:

Students of B. Tech Second Year, Third Year and Final year: 87
Faculty, researchers and industry persons: 23

Mr. Harsh Gupta
Asstt. Prof.,
Mech. Engg. Deptt.

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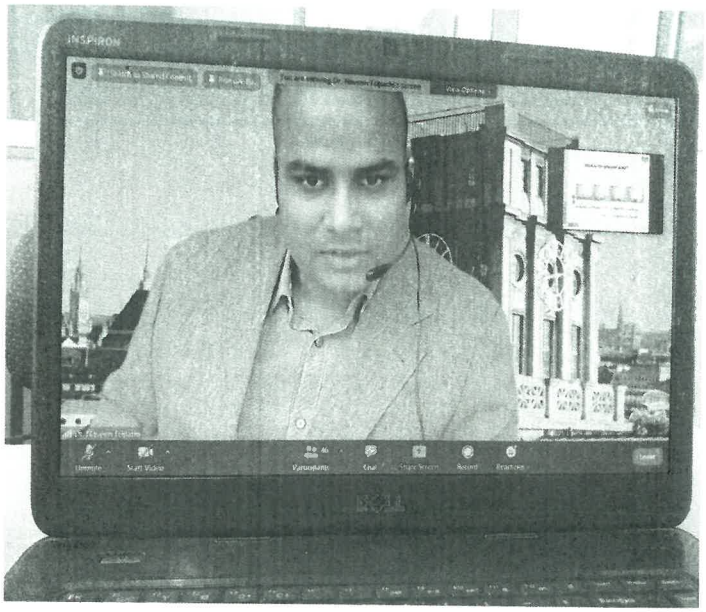
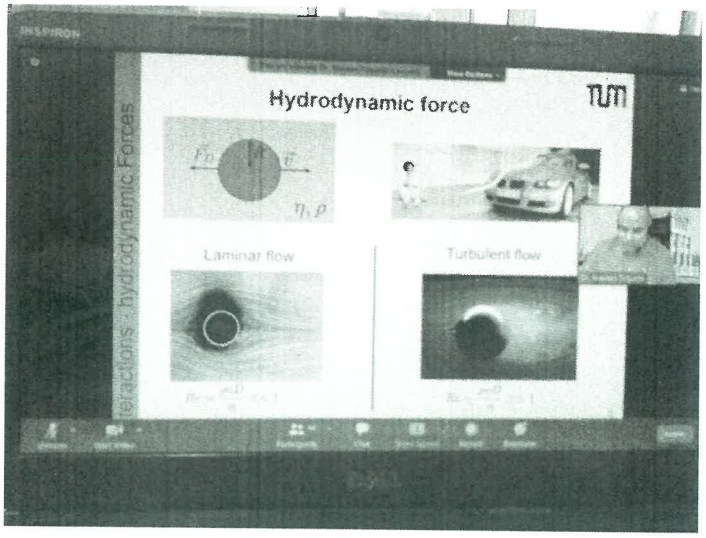
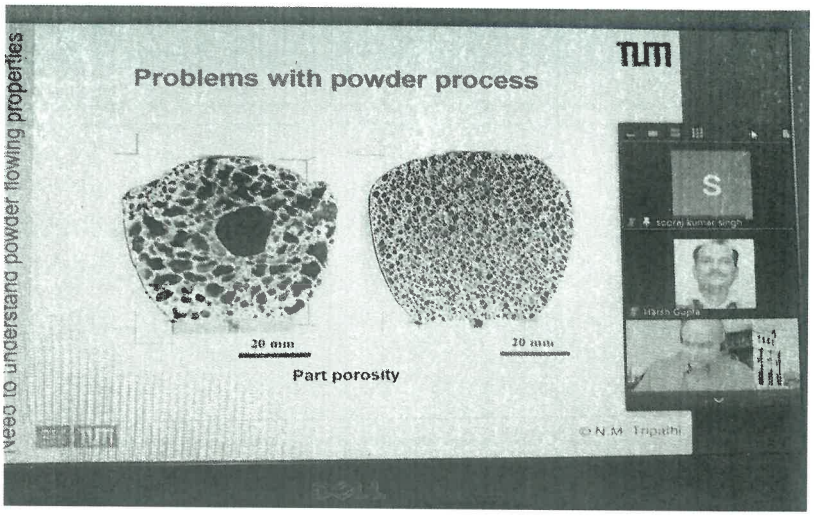
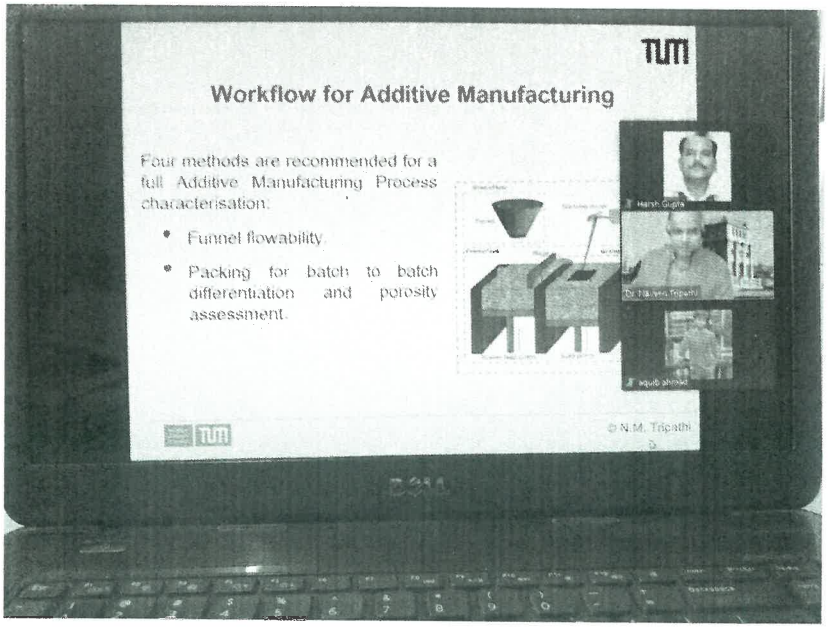
Glimpse of the event with few photographs:






Problems with powder process
20 mm
20 mm
Part porosity
© N.M. Tripathi


Workflow for Additive Manufacturing
Four methods are recommended for a full Additive Manufacturing Process characterisation:
Funnel flowability
Packing for batch to batch differentiation and porosity assessment.
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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

WORK REPORT

Name of Event: Meeting on "Awareness of IEEE benefits".

Date of Event: 18th December, 2020

Organized by: I.T.S. Engineering College, Greater Noida.

Guest: Dr. Satish Kumar Vice President, IEEE, UP Section Associate Prof., CSE Department , Institute of Information and Technology Allahabad.

Coordinator: Dr. Monika Jain, (Prof. and Head ECE Department.)

Report:

On 18th December 2020, honorary personality **Dr. Satish Kumar (Vice President,IEEE, UP Section Associate Prof., CSE Department , Institute of Information and Technology Allahabad)** addressed a meeting with Dr. Monika Jain (Student Branch Counselor, IEEE Society, ITS Engineering College, Prof. and Head ECE Department) and her team. In the meeting, Dr. Satish Kumar discussed about the benefits of being a IEEE member. He discussed about how the "IEEE Signal Processing Society's" more than 17,000 members span 100 countries worldwide, but technical Chapters serve IEEE members by holding meetings at the local level. He addressed about how IEEE membership can keep students updated with latest technologies, promote research culture in them and built a platform for future career aspects.

Program Outcomes: The department of ECE gained information about the benefits of IEEE.

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Name of Event: Guest Lecture on "Energy Conservation - Energy Conservation is the foundation of energy independence" by Dr. Sanjay Agrawal, Associate Professor-SOET, Maidan Garhi, New Delhi, on the Occasion of World Energy Conservation Day.

Date of Event: 14th December, 2020

Organized by: EEE Department

Event Coordinator: Mr. Prabhakar Sharma, Assistant Professor ECE Department

Objective: To known the values of energy conservation and its various methods with importance in human life.

Report: This Guest Lecture is specially organized to engineering college students of various branches like ME, ECE, EEE, faculties and technical staff. Guest Lecture was scheduled on **14th December, 2020** from 11:00 AM by Dr. Sanjay Agrawal, Associate Professor-SOET, Maidan Garhi, New Delhi. Guest Lecture Topic was "**Energy Conservation - Energy Conservation is the foundation of energy independence- Thomas A. Allen" on the Occasion of World Energy Conservation Day.** World Energy Conservation Day is celebrated to encourage society to reduce the amount of power it consumes. In layman's terms, this means embracing strategies like: Conservation – e.g. remembering to turn off the lights when you're not using them.

Dr. Agrawal explained the importance and various methods of energy conservation. He also suggests that how energy conservation is important in human life and how it impacts on the various major problems of environment.
This program was totally online. Zoom meeting Link for this Program is as:
https://us02web.zoom.us/j/88244763744?pwd=NWxDcUg2L0ZQQmFPcFRSVnduUDRQQT09
Meeting id : 882 4476 3744
Passcode: 527691

Brief Introduction of Resource Person:
Dr. Sanjay Agrawal completed his PhD from Indian Institute of Technology, Delhi and his Post Doctoral Fellowship was from Smart Grid Energy Research Centre, University of California, Los Angeles (UCLA), California, USA. He was awarded the prestigious Bhaskara Solar Energy Fellowship from the Indo-US Science and Technology Forum (IUSSTF) and Department of Science and Technology (DST).

Outcomes:

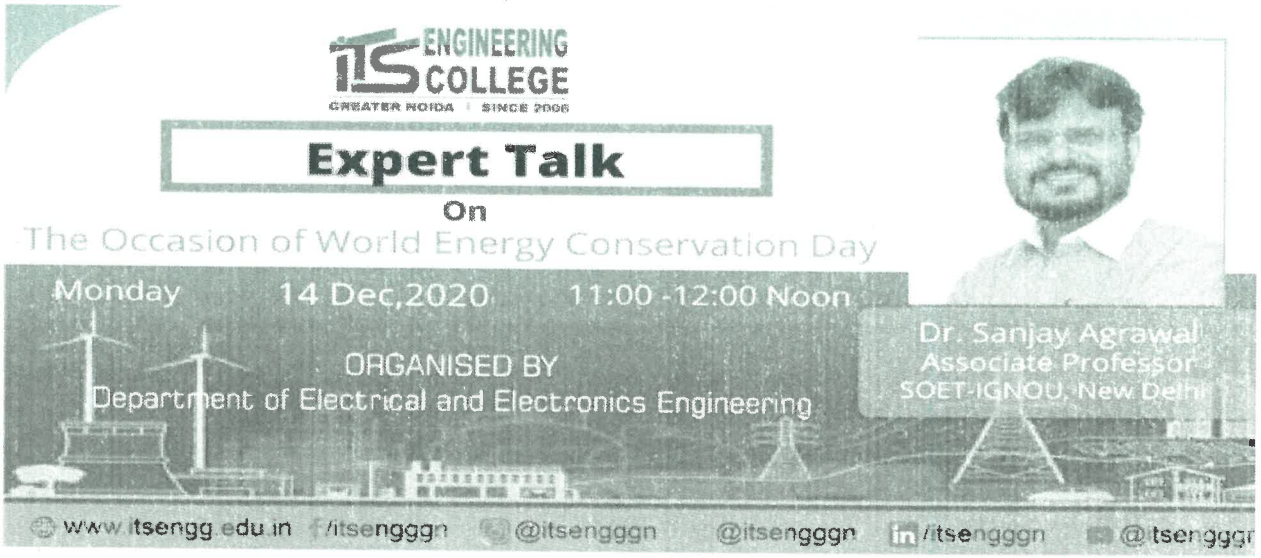
- Discussion on the importance of world energy conservation in our life.
- Discuss on various methods of energy conservation.
- Effect of energy conservation and its advantages.

No. of Student attended: 27

Coordinators **HOD**

(Prabhakar Sharma) **(Mr. Upendra Agrawal)**

GUEST LECTURE BANNER:



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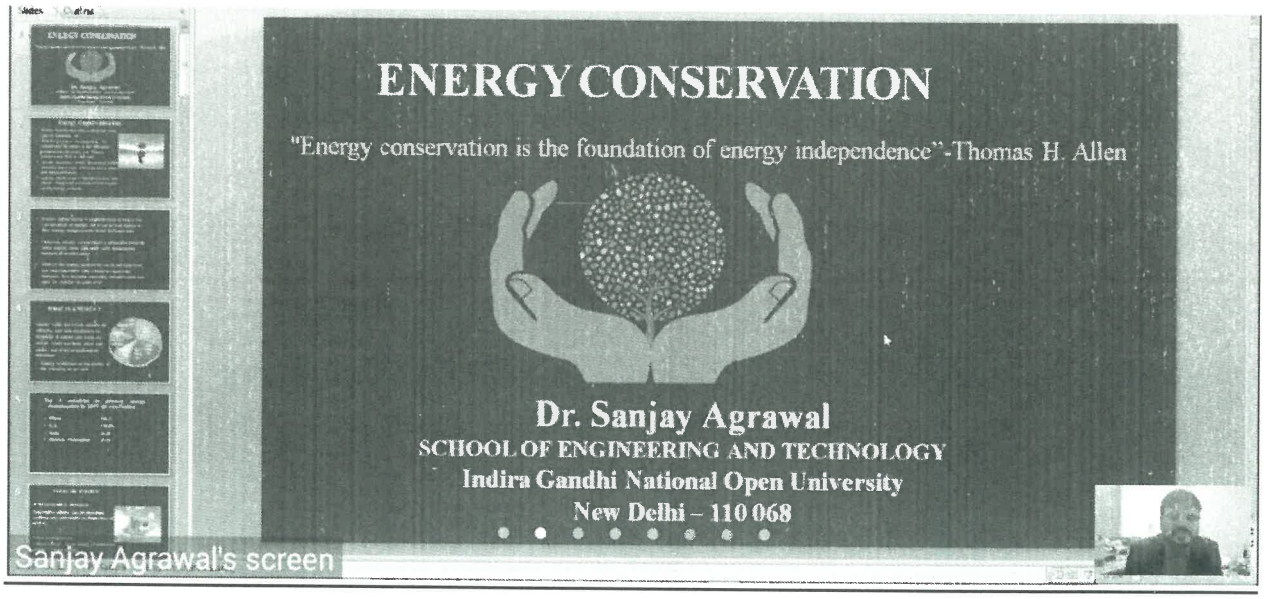

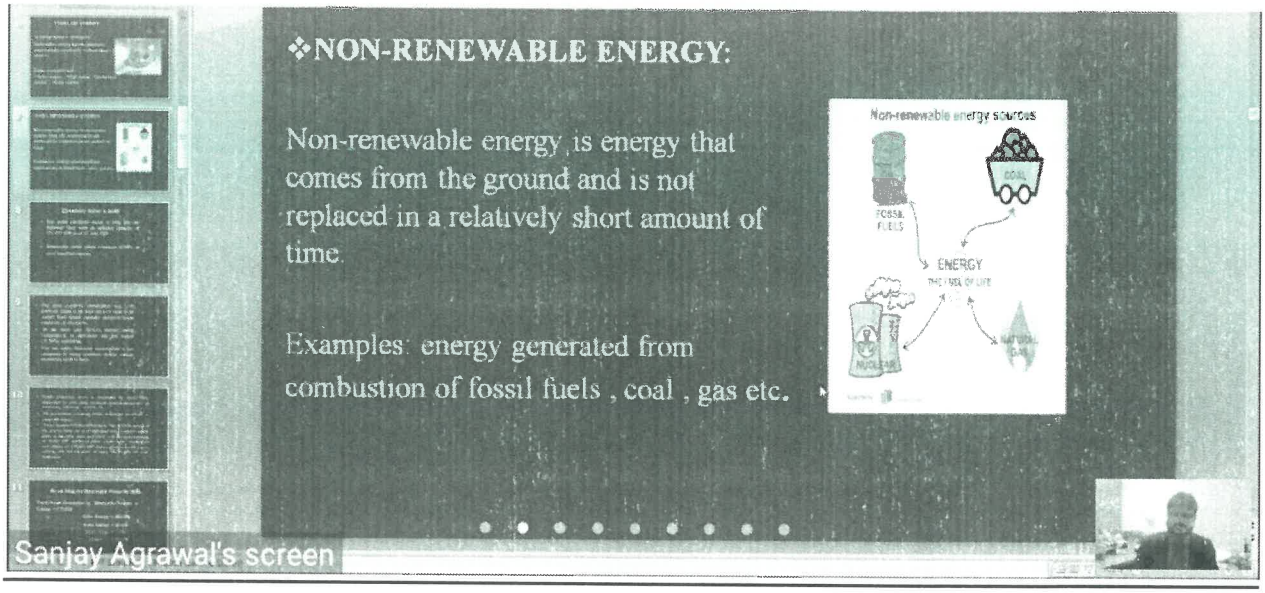
❖NON-RENEWABLE ENERGY:
Non-renewable energy is energy that comes from the ground and is not replaced in a relatively short amount of time.
Examples: energy generated from combustion of fossil fuels , coal , gas etc.
Non-renewable energy sources
FOSSIL FUELS
COAL
ENERGY
NUCLEAR
NATURAL GAS
Sanjay Agrawal's screen

Sanjay Agrawal

11:03 AM
Close
Participants (24)
Search
Prabhakar Sharma
Sanjay Agrawal
Ms. Snigdha Sharma
Upendra Agarwal
ankit singh
arun verma
Ch. Arjun Kumar
Dhananjay Kushwaha
dhananjay yadav

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Webinar Report

Name of the Event: International Webinar on "**Artificial Intelligence Enabled Internet-of-Things**"

Invited Speaker: Dr. M. Chandrashekar, Professor, Anurag University, Hyderabad.

Event Coordinator: Dr. Kuldeep Chouhan (Associate Professor, Department of CSE)

Date of Event: December 11, 2020

Time: 02:00PM – 03:00PM

Objective: Deliver the knowledge about artificial intelligence (AI) which enables with Internet-of-Things (IoT) and provide an optimal, robust and accurate prediction about machines working process as today's highly demanded research area among the students and would assist in their placement also.

Main Report:

R&D Cell, I.T.S Engineering College Greater Noida had organized an International Webinar on **"Artificial Intelligence Enabled Internet-of-Things"** delivered by guest expert Dr. M. Chandrashekar, Professor, Anurag University, Hyderabad on 11th December, 2020. During the lecture, Dr. M. Chandrashekar enlightened the audience on present scenario of the artificial intelligence. He stressed upon the proper various fields where AI is working along with IoT. He conversed about the type of artificial intelligence with various algorithms and how these algorithms are able to use with IoT in real-time scenario. He has very much emphasis on this point that each participant must show their involvement in the webinar to have interactive session. The aim of this webinar is to deliver the knowledge about real-time scenario of AI with IoT technologies to grow student's career which would assist in their placement too.

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Dr. Kuldeep Chouhan, Associate Professor in the department of Computer Science and Engineering welcomed the invited speaker Dr. M. Chandrashekar. This webinar was attended by students, research scholars and faculty members from all over the country.

Recordings link: https://drive.google.com/file/d/1gO-l5liPJcPChd7x3mixxvmEk70d1PMU/view

Speaker Profile:

Dr. M. Chandrashekar has expertise in Teaching, Research & Development with specialization in VLSI, Embedded, IoT, and Networking Subjects. He received his Ph.D. degree from S.K. University, Anantpur, Andhra Pradesh in 2009 and M.Tech. from IISC, Bangalore in 1995. He has various International and National publications in various reputed journals and guided many research scholars also. He has National Excellence Awards such as, EXCELLENCE AWARD – 2005 for Indiginisation and "EXCELLENCE AWARD - 2007" for Innovation from Ministry of Defence, Govt. of India. He has Industrial Research Experience as Dy. Manager, Manager, and Senior Manager in Embedded Systems R&D, and Senior Manager in Testing & QC of Missile. He has completed various defense R&D projects in Bharat Dynamics Limited, Hyderabad. Currently, he is working as a Professor in Anurag University, Hyderabad.

Lecture Outcome:

(i) Participants learned about the Artificial Intelligence concepts.

(ii) Participants were able to understand the importance of the Title and basics of the AI and IoT along with its types.

(iii) Understood the real-time requirements of AI enabled IoT among the people and understand the various types of algorithms too.

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Participation details:

Students, Research scholars & faculty members: Total 132 Nos.

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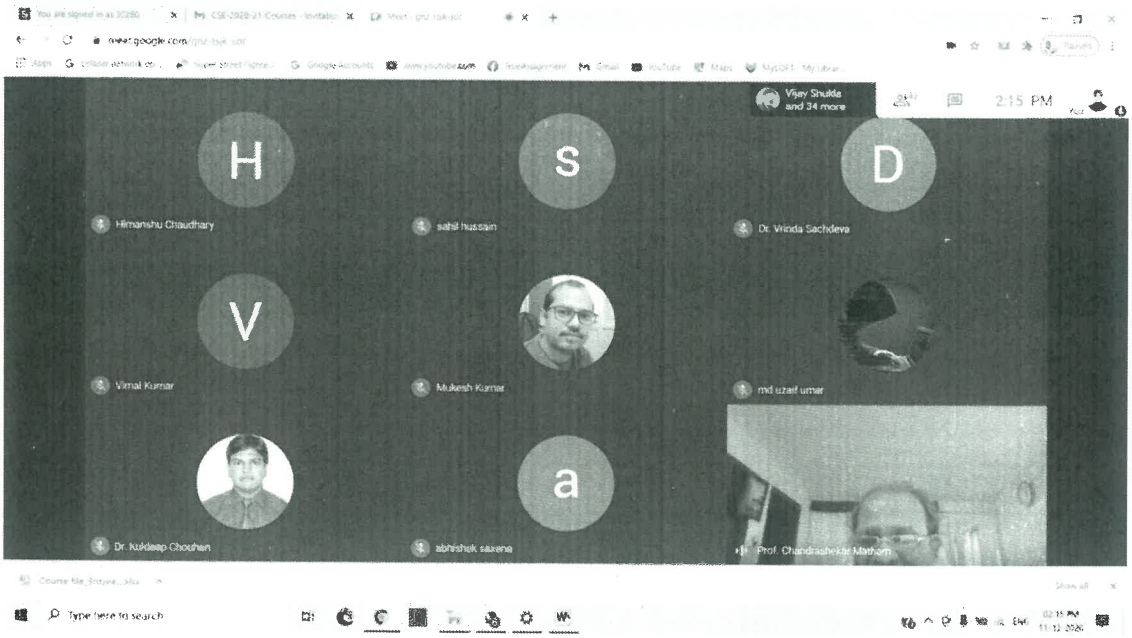

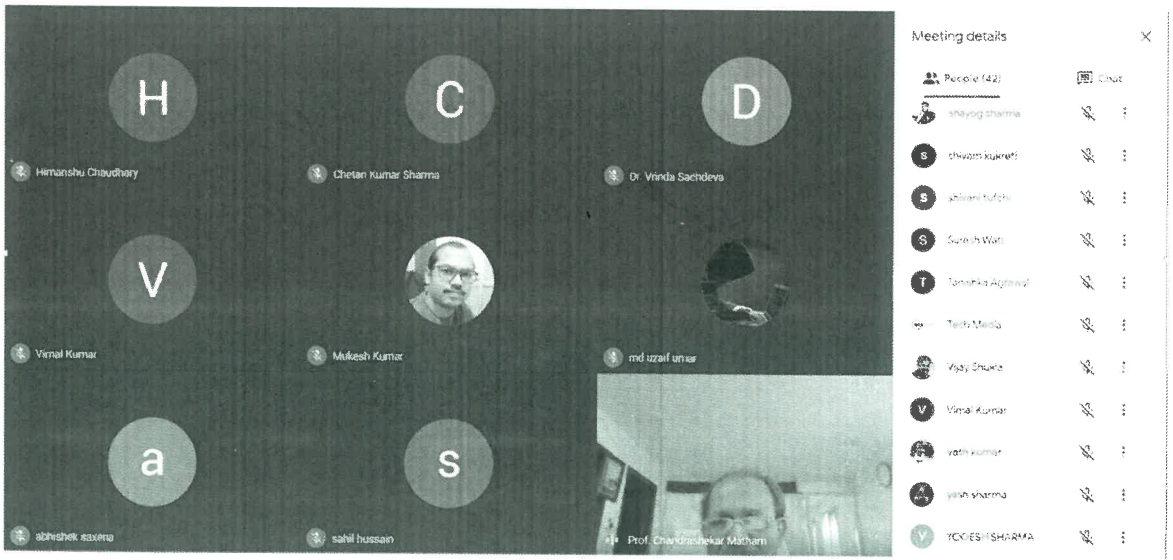

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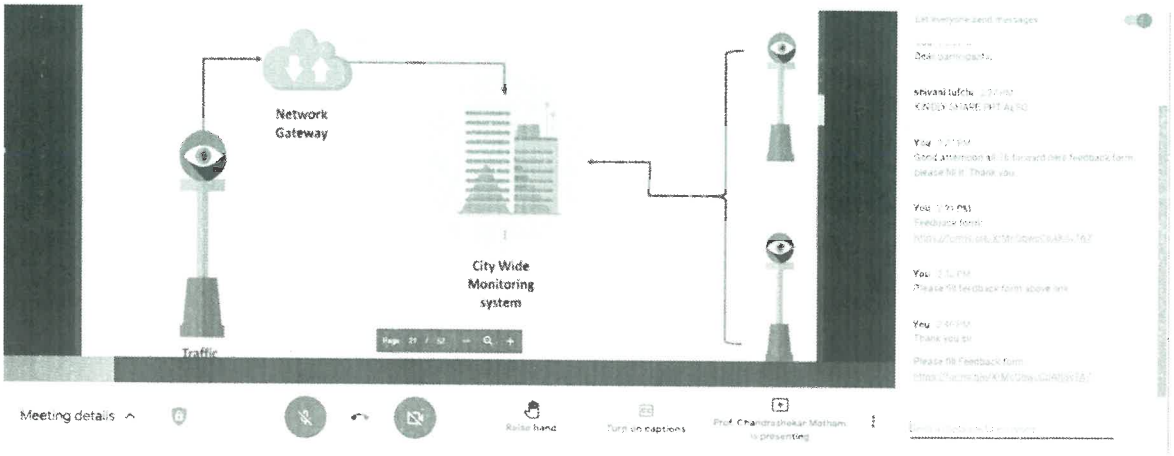

List of Participants:

Full Name	College/ University	Contact Number
Dr. Vijay Shukla	I.T.S Engineering College, Greater Noida	9910279735
Dr. Vrinda	ITS Engineering college	9812367679
Dr. Kuldeep Chouhan	ITS Engineering College	8309950609
Sandeep yadav	Its engineering colleges	7800024908
Yash kumar	ITS Engineering College	7860371119
Siddhartha Tiwari	ITS Engineering College	9519507309
Ishika ranjan	I.T.S Engineering College	9304270591
Subham pratap Singh	ITS engineering college	9149314711
Pratyush Chaudhary	I.T.S Enginnering College, Greater Noida	7302788996
Suresh Wati	ITS	8433166467
Roshan kumar	ITS engineering college ,greater noida	9534120699
Dr. Hoshiyar Singh Kanyal	Hi Tech Institute of Engineering and Technology	9313770611
RAVI SHARMA	iitm group of institutions	8586832810
manjay kumar	ITS engineering college	9110930209
SANIK KUMAR MISHRA	ITS ENGINEERING COLLEGE	6306115067
Shivam Atri	IITM Group of Institutions	9991853859

ENGINEERING COLLEGE
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I.T.S Engineering College

Research and Development Cell

46, Knowledge Park-III, Greater Noida District, Gautam Budh Nagar (U.P.)
Phone: (0120) 2331024, Mob. 9582647615 E-mail: hod.me@its.edu.in Web: http://www.its.edu.in

Dr.Shalini Rai	Hindu College of Engineering Sonepat Haryana India	9896338256
ABHISHEK SHIVHARE	ITS ENGINEERING COLLEGE	9811961919
Ankit kumar	Its Engineering college	7542801375
Nitish Kumar jha	ITS ENGINEERING COLLEGE	7903192379
Kaushambi srivastava	ITS engineering college	7081447995
A.SRIKRISHNAN	Dr.MGR Educational and Research Institute	9677149966
Praveen Kumar Rai	ITS Engineering College Greater Noida	9315065283
Rupesh Kumar	ITS ENGINEERING COLLEGE	8521609933
MUKESH KUMAR	ITS ENGINEERING COLLEGE	9999215241
Devesh Garg	I.T.S Engineering College	9953320266
Sandeep Kumar	ITS Engineering College	8527026776
Tarun Kumar Chugh	I.T.S Engineering College	9810172959
Yash kaushik	ITS ENGINEERING COLLEGE GREATER NOIDA	9557456705
Archana Yadav	Iitm murthal	977 361 6314
Kadapa Suneel kumar	Dr.APJ ABDUL KALAM UNIVERSITY INDORE	9618293956
Aniket Kumar	ITS Engineering College	7368937438
Tarique anwar	ITS ENGINEERING COLLEGE	8810274832
Sapna kumari	ITS ENGINEERING COLLEGE GREATER NOIDA	9650827534
Dr. JOTHIKUMAR.R	SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY	8072931285
Rakshit tyagi	Its engineering college	8433117641
Aditya chaudhary	I.T.S. Engineering college, Greater noida	980171032
AGHA ASIM HUSAIN	I.T.S ENGINEERING COLLEGE	9953447748
Ashish Kumar Gupta	I. T. S Engineering College	9958081079
KP Singh	ITS Engineering College	8802252188
Jayaraj Ramasamy	Botho University	9677679049
Rahul Sharma	ITS ENGINEERING COLLEGE	7300919679
Dr G Komarasamy	GITAM university	9715614081
Shivendra Pathak	I.T.S Engineering College	7497936167
Dr Satyanarayana Thota	St Mary's Women's Engineering College	9966115558
ABHISHEK KUMAR	ITS Engineering College	7079304312
Kartik Rastogi	ITS engineering college	8077648283
Dr. Kamal Gupta	Department of MBA, ITS Engineering College, Greater	8628048782

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	Noida	
Richa Sharma	ITS engineering college	8376810104
N.VINODHA	INDUR INSTITUTE OF ENGINEERING AND TECHNOLOGY	9247223259
Yogesh Sharma	ITS Engineering College	9990772680
Shivam Zagade	RajaRajeswari College of Engineering	9110828689
Divyansh	I.t.s engineering college	8810385228
Dr.M.CHANDRAN	DR.MGR EDUCATIONAL AND RESEARCH INSTITUTE	9444977834
Prasanthi voleti	St.mary's women's engineering college	9492188865
Chandan kumar	ITS Engineering college	8076235057
Dr Komarasamy G	GITAM University	9715614081
N.Sujatha	SRM IST ,Ramapuram	9003163223
Kharmega Sundararaj G	PSN College of Engineering and Technology	9443570333
Yash Sharma	I.T.S Engineering College	9811222678
Dr V V NARENDRA KUMAR	SR Future Gateway Engineering Services	9963932707
A.KANDASAMY	Dr.M.G.R.Educational & Research Institute	9841484650
Dr. S. Ismail Kalilulah	Dr. M. G. R. Educational and Research Institute	9940074605
VIJAYALAKSHMI V	Dr. MGR Educational and Research Institute	9600190128
Taruna	Geeta Engineering College	9671957100
NARU DIVYA JYOTHI	ST.PETERS ENGINEERING COLLEGE	9866061729
Shayog sharma	KUK	9729499008
Vimal Kumar	GEC	8950079380
shrishti khurana	Geeta group of institution	9212937833
Sahil Hussain	ITS ENGINEERING COLLEGE	8826412543
Aditya Sharma	ITS ENGINEERING COLLEGE	9873571836
Akansh Gupta	ITS ENGG COLLEGE GREATER NOIDA	9548888066
Anshul kumar	It's engineering college	
Shashwat rai	I T S ENGINEERING COLLEGE	9140150055
Aditya Dayal Tyagi	ITS Engineering College Greater Noida	9911201232
Rohit saini	Its engineering college	7014639064
Anujaan Mishra	222 ITS Engineering college	9717270561
Umakant Dwivedi	ITS engineering college	9696826625

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Ayush Gupta	I.T.S Engineering College	8264661487
Shivam chaurasia	Its	8601267775
Abhishek saxena	ITS engineering college	8948870783
Shivam Kukreti	Its engineering college	9368076121
Nikhil swami	JNU, Delhi	9959389649
Jaideep Singh	Its	6397286031
Swati	Deenbandhu Chhotu Ram University of Science and Technology	8376882948
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Nisha Kumari	I.T.S engineering college greater Noida	8757331669
Deepak sharma	ITS engineering college	8882124005
Chetan Kumar Sharma	ITS Engineering College	6395007252
Shiivani tufchi	ITS engineering college	8727969284
Narsinga Ram	I.T.S. Engineering College Greater Noida UP	7891809139
sachin	I. T. S engineering college	9354049896
Chandrashekar Matham	Anurag University	9247476003
Nikhil Jain	ITS Engineering College, Greater Noida	8810558163
Tanishka Agrawal	ITS Engineering College	7088787986
Uday sharma	I.T.S ENGINEERING COLLEGE	9027056380
Piyush Kumar Singh	I.T.S Engineering College	7033007553
Suryakant Tripathi	ITS engineering college	767882343
Ashish Ranjan	ITS ENGINEERING COLLEGE	8789653629
Pradumn Dubey	ITS Engineering College	8707890871
VISHAL VERMA	I.T.S Engineering college	8933855982

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Abhishek kushwaha	ITS Engineering College	8808362815
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Himanshu Chaudhary	ITS Engineering college	9899155391
Aryan shukla	ITS Engineering college	9598889695
Sarika pal	ITS engineering college	8650893694
Nishant kumar	I. T. S Engineering College	7033378133
Pranjal srivastava	ITS Engineering college	8881991181
Aprajit Shandilya	ITS engineering college,Greater Noida/ AKTU	9596622745
Arshad Waseem	ITS ENGINEERING COLLEGE	9918811554
Gaurav Yadav	ITS /aktu	7248659987
Akash singh	ITS Engineering Collage	8448229018
Abutalib	ITS ENGINEERING COLLEGE	7491099756
Shivansh Sharma	Its engineering college	
Srishti chaturvedi	ITS Engineering College, gr noida	8377880097
Ashvini Sharma	Its Engineering College greater Noida	9455832577
Monika Sharma	I.T.S. Engineering College	9958350822
Manish kr Tiwari	ITS engineering college	7463025880
Md Imteyaz imam	ITS engineering college	7632945950
Chanda rani	Its engineering college	6206672550

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I.T.S ENGINEERING COLLEGE
GREATER NOIDA
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Event Report

Name of Event: Online STTP on Data Science

Date of Event: 10th December, 2020

Organized by: ECE Department, ITS Engineering College

Event Coordinators: Dr. Setu Garg, Dr. Garima Chandel

Eminent Speaker: Mr. Vikas Kalra, Director, CETPA Infotech, Noida

Speaker Profile:

Mr. Vikas Kalra is having more than 15 years of experience in the field of training and development. He is having excellent knowledge of Python, Data Analytics, Machine Learning, Natural Language Processing, Data Science, Image Recognition, VLSI, and Embedded Systems. He has excellent problem-solving skills, high analytical skills, good communication and interpersonal skills

Objective: The main objective of STTP was to enhance skills of students in the field of Data Science and Machine Learning.

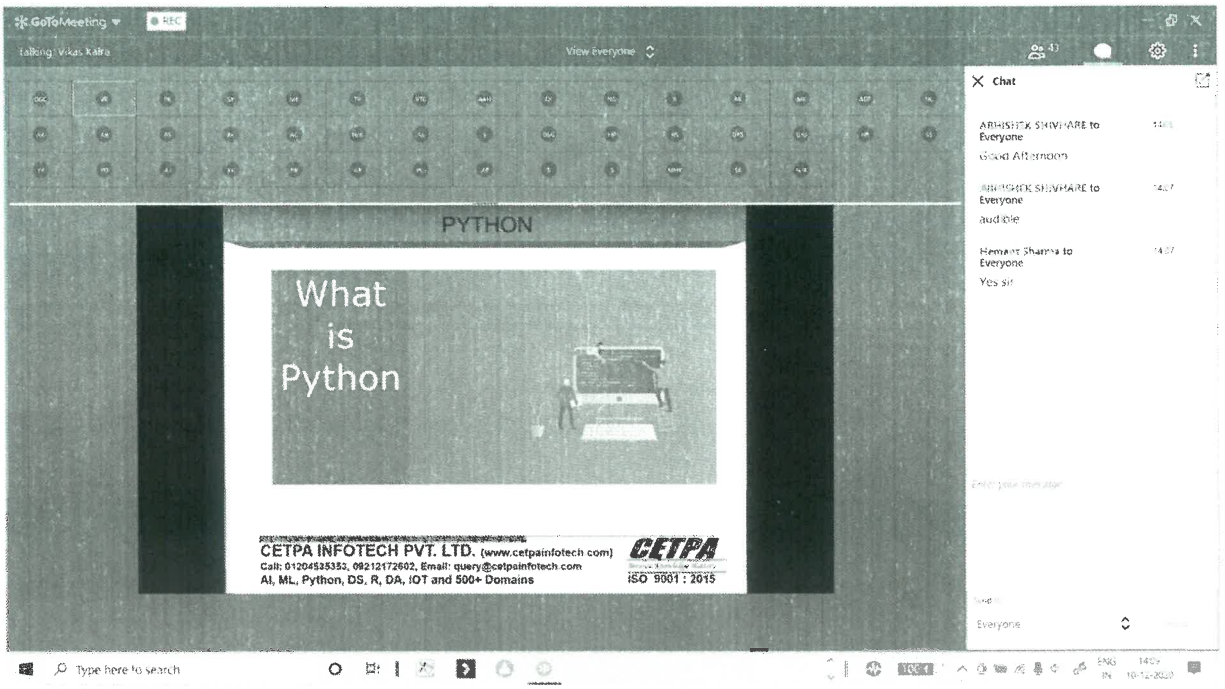
Report:

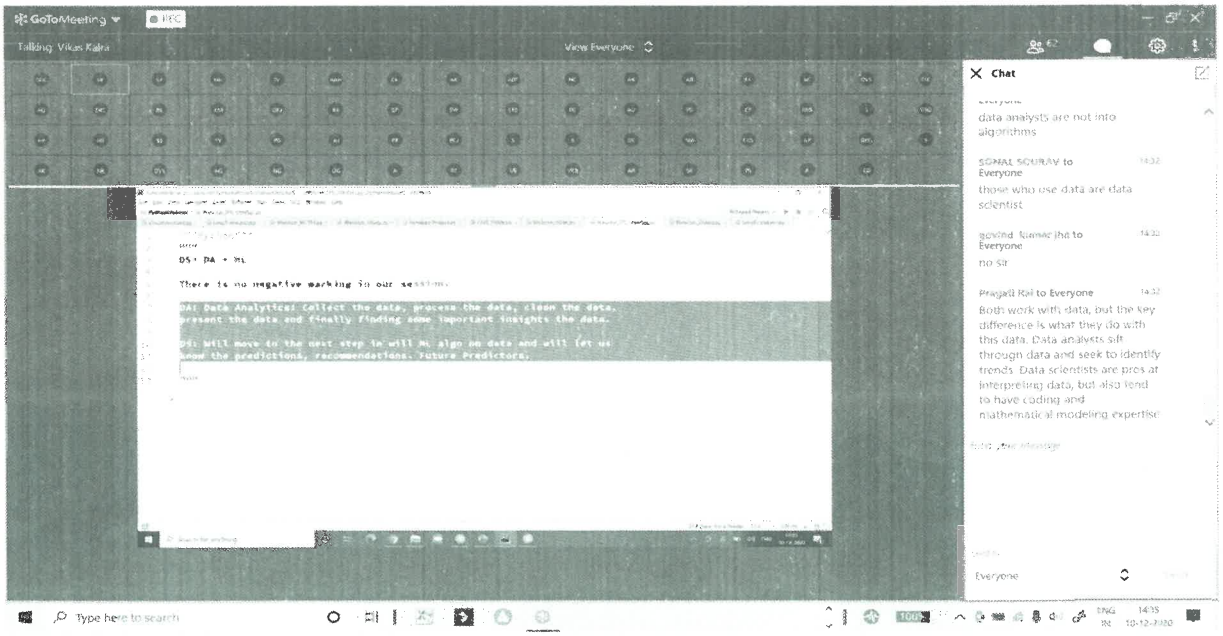
On December 10, 2020, Department of Electronics and Communication Engineering, I.T.S. Engineering College organized a **"Short Term Training Program on Data Science"**. The STTP was conducted by **Mr. Vikas Kalra, Director, CETPA Infotech, Noida.** ITS Engineering College, Executive Director- Dr. Vikas Singh, Director- Prof. Sanjay Yadav and Dean (Academics)- Prof. Gagan Deep Arora presence graced the program. The guest was welcomed by HOD ECE- Prof. Monika Jain. Vice Chairman of I.T.S Engineering College. Mr. Sohil Chaddha has appreciated that learning through these kinds of emerging technology based training programs are useful in enhancing skills of students, researcher and faculty.

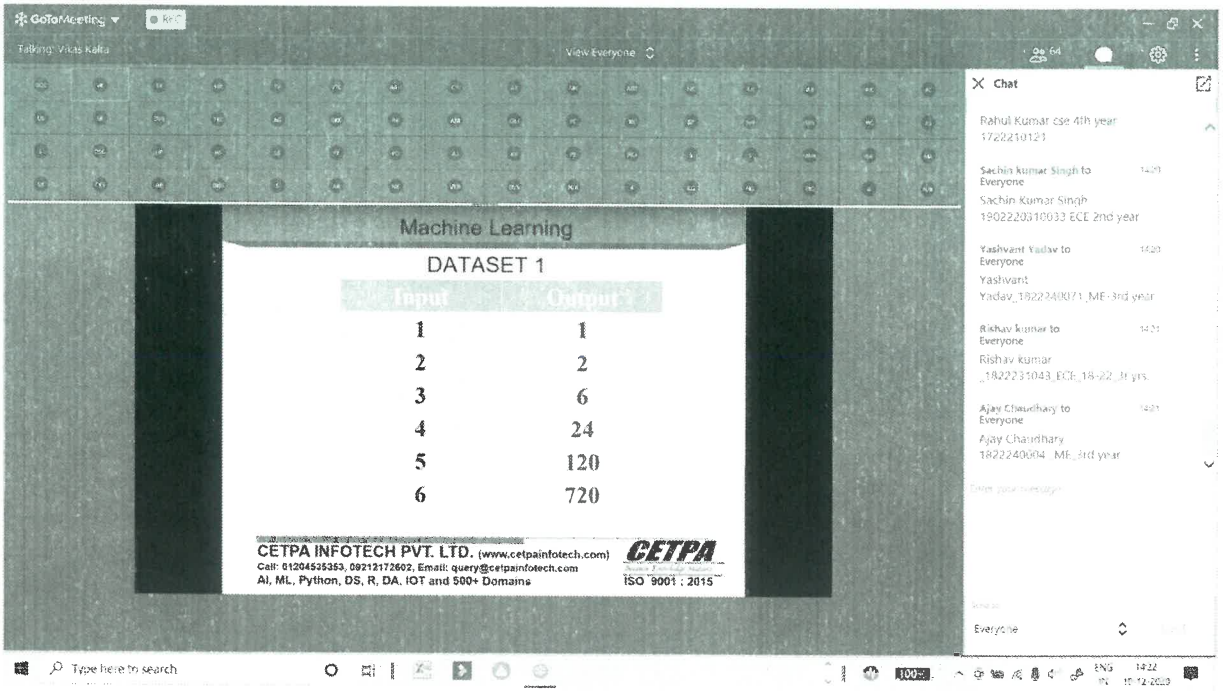
The eminent speaker motivated students to build their skills in the field of niche technology of Data Science. The expert gave hands on learning session of python programming with variety of topics using real time datasets. He also discussed about the industry demand from students in the field of Data Science, Machine learning, Deep learning and Python. All the students of ECE enthusiastically participated in this session. The program was coordinated by Dr. Garima Chandel, Assistant Prof. (ECE - ITSEC) and Dr. Setu Garg, Associate Prof. (ECE-ITSEC).

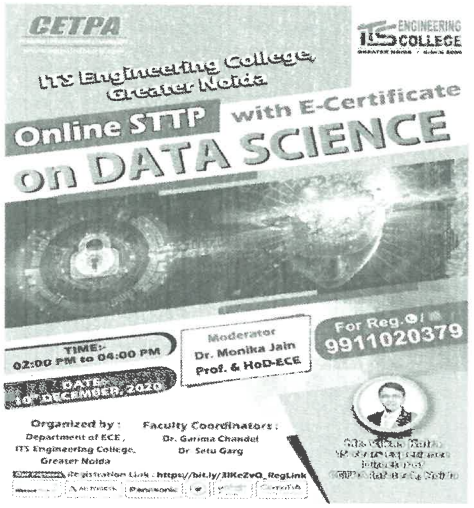
Outcome: Students Learned innovative, different ways and directions to gain expertise in the field of Data Science. With the speakers guidance students can compete in this competitive world.

No. of Participants: More than 70 students and Faculty attended the program.









Event Coordinators:

HOD-ECE:

Dr. Garima Chandel (ECE)

Prof. (Dr.) Monika Jain

Dr. Setu Garg (ECE)

social media link

https://www.facebook.com/ITSengggn/posts/3026947314073565

https://www.facebook.com/ITSengggn/photos/a.131241866977472/3026947244073572/

https://business.facebook.com/creatorstudio?tab=instagram_content_posts

EVENT REPORT

Name of Event: Webinar on "Career opportunities in the field of LabVIEW"
Date of Event: December 7, 2020
Time:3:50 PM - 4:50 PM
Organized by: Electronics & Communication Engineering Department, ITS Engineering College, Greater Noida
Event Coordinator: Mr. Nitesh Pradhan COE Trainer
Coordinator: Dr. Monika Jain (Prof. & Head-ECE)

Eminent Speaker: Ms. **Devashri Shirbhate**. Application Engineer TCS Pune.

Objective: The main objective of this program was to tell how many job opportunities are available after LabVIEW. And how are the big companies using LabVIEW.

Report:

On December 7, 2020Department, ITS Engineering College organized a: **Webinar on "Career opportunities in the field of LabVIEW".**The session was delivered by **Mr.Prince Agarwal.**ITS Engineering College,Executive Director- Dr. Vikas Singh, presence graced the program. The guestwas welcomed by HOD ECE- Prof. Monika Jain.Vice Chairman of I.T.S Engineering College, Mr. SohilChaddha has appreciated that these kinds of interactive webinars during this COVID-19 pandemic situation will boost confidenceof our students and motivates them.
Mr. Prince Agarwal. Interacted with the students and following Points were Addressed:

- What is LabVIEW
- Benefit of LabVIEW
- Industry Use of LabVIEW
- Certification using LabVIEW
- Career opportunities after LabVIEW

This webinar was very informative and interactive as the students were able to know about how they can work on LabVIEW and Crack the CLAD exam and how can try apply for job development. Students of second, third and fourth year enthusiastically attended the webinar. Webinar was being closed by vote of thanks by the Dr. Monika Jain (Prof., HOD-ECE).

Brief about Speakers:

Mr. Prince Agarwal,Director Exeliq Tech Solutions Pvt. Ltd.Noida .Entrepreneur | Coder | Trainer | Negotiator.Helping R&D and Manufacturing Companies to increase their production, improve quality and enabling IIot 4.0 By developing customized automation machines/software, ATE's and IT Web Applications according to the customer's requirements.

Program Outcome: Student are motivated about LabVIEW and CLAD Exam. Many students has asked about to learn LabVIEW

Program attendance:All ECE students and faculty members attended this webinar.

Recording Link:https://youtu.be/tRvQsrSSFOE

ITS ENGINEERING COLLEGE
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Webinar Series "Academia to Industry"

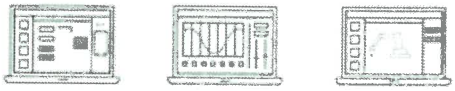
Department of Electronics & Communication Engineering
Organizing

Webinar on

Career opportunity in the field of LabVIEW

Speaker
Mr. Prince Agarwal
Director
Exeliq Tech Solutions Pvt. Ltd

LabVIEW



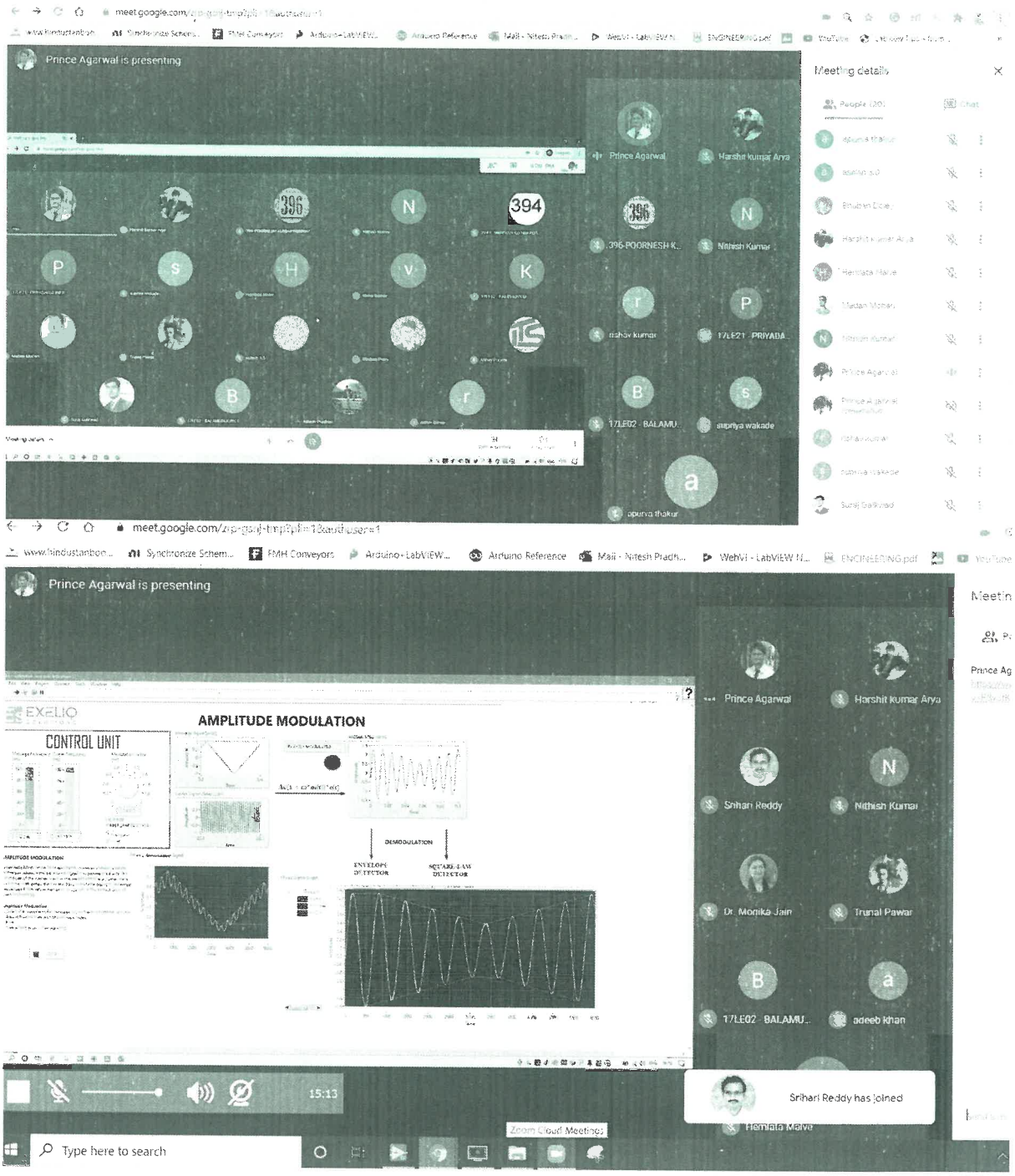
Webinar Link
https://meet.google.com/zrp-gsnj-tmp

On 7th Dec 2020 at 3.50 PM –4.50 PM

Program Coordinator
Mr. Nitesh Pradhan
Trainer & Coordinator NI-COE
ITS ECGN

Facilitator
Dr. Monika Jain
Prof. & HOD ECE Dept
ITS ECGN

National Instruments Innovation Center, Center of Excellence
ITS Engineering College


Prince Agarwal is presenting
Meeting details
Prince Agarwal
Harshit kumar Arya
396-POORNESH K...
Nithish Kumar
17LE21 - PRIYADA...
17LE02 - BALAMU...
apurva thakur
meet.google.com/zip-gsuj-tmp?pli=1&authuser=1
Prince Agarwal is presenting
AMPLITUDE MODULATION
CONTROL UNIT
DEMODULATION
ENVELOPE DETECTOR
SQUARE-LAW DETECTOR
Prince Agarwal
Harshit kumar Arya
Srihari Reddy
Nithish Kumar
Dr. Monika Jain
Trunal Pawar
17LE02 - BALAMU...
adeeb khan
Srihari Reddy has joined
Hemlata Malve
15:13
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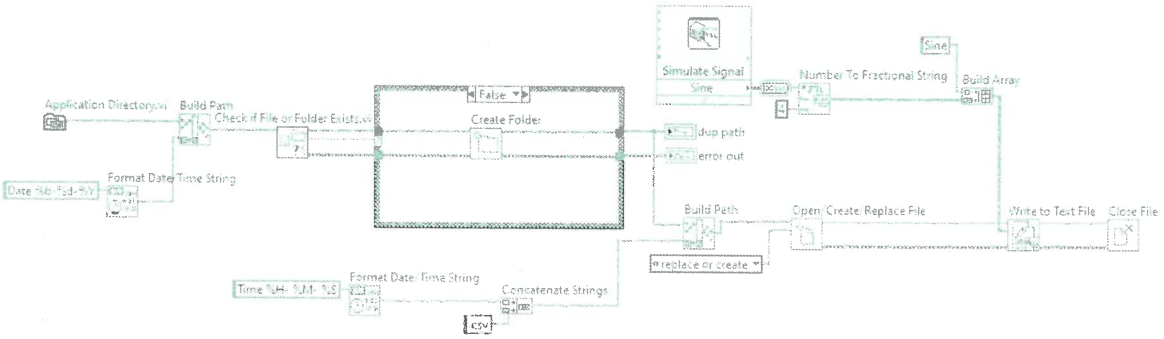
Zoom Cloud Meetings


Application Directory.vi
Build Path
Check if File or Folder Exists.vi
False
Create Folder
Simulate Signal
Sine
Number To Fractional String
Sine
Build Array
dup path
error out
Format Date/Time String
%d-%m-%Y
Build Path
Open/Create/Replace File
Write to Text File
Close File
replace or create
Format Date/Time String
%H-%M-%S
Concatenate Strings
.csv

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Webinar Report

Name of the Event: International Webinar on "Decision Tree Induction in Machine Learning"

Invited Speaker: Dr. D. Sasi Raja Sekhar, St. Mary's Group of Institutions, Hyderabad.

Event Coordinator: Dr. Kuldeep Chouhan (Associate Professor, Department of CSE)

Date of Event: December 04, 2020

Time: 02:30PM – 04:30PM

Objective: Deliver the knowledge about Machine Learning technology to grow student's career which would assist in their placement too.

Main Report:

R&D Cell, I.T.S Engineering College Greater Noida had organized an International Webinar on **"Decision Tree Induction in Machine Learning"** delivered by guest expert **Dr. D. Sasi Raja Sekhar,** Associate Professor, St. Mary's Group of Institutions, Hyderabad on 04th December, 2020. During the lecture, Dr. Raja Sekhar enlightened the audience on present scenario of the machine learning. He stressed upon the proper various algorithms of machine learning. He conversed about the type of machine learning with various algorithms and how these algorithms are used to calculate in real-time scenario. He has very much emphasis on this point that each participant must show their involvement in the webinar to have interactive session. The aim of this webinar is to deliver the knowledge about machine learning technology to grow student's career which would assist in their placement too.

Dr. Kuldeep Chouhan, Associate Professor in the department of Computer Science and Engineering welcomed the invited speaker Dr. D. Sasi Raja Sekhar. This webinar was attended by students, research scholars and faculty members from all over the country.

Recordings link: https://drive.google.com/file/d/1PtF_diYUYLypghJDzxNzO9Xj3-YaFTtg/view?usp=sharing

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Speaker Profile:

Dr. D. Sasi Raja Sekhar has expertise in Teaching, Entrepreneurship, and Research & Development with specialization in Computer Science Engineering Subjects. He received his Ph.D. degree from Adikavi Nannaya University, Rajamahendravaram, Andhra Pradesh in 2018. He cleared APSET and UGC-NET also in the year of 2013 and 2014 respectively. He developed a java application which generates well-formed Telugu sentences from a non-linguistic lexicalized input for research work and published journals also. He is serving the research and academics as a teacher, researcher, guide, co-guide, keynote speaker, consultant, editor, convener, project consultant, entrepreneur and in many more roles. He has worked as Guest Lecturers, Guest Editor, and Associate Editor in various reputed journals. He attended and conducted various Faculty Development programs and workshops too. His research interest includes Natural language generation, Distributed Systems, IoT, Machine learning, and many more. He is currently working at the Department of Computer Science and Engineering, St. Mary's Group of Institutions, Hyderabad, under JNTU-Hyderabad as Head of the department and Dean.

Lecture Outcome:

(i) Participants learned about the machine learning concepts.

(ii) Participants were able to understand the importance of the Title and basics of the machine learning and its types.

(iii) Understood the procedure to calculate and understand the various types of algorithms.

(iv) Participants were able to understand about the various algorithms uses in real-time environment.

Participation details:

Students, Research scholars & faculty members: Total 136 Nos.

I.T.S Engineering College

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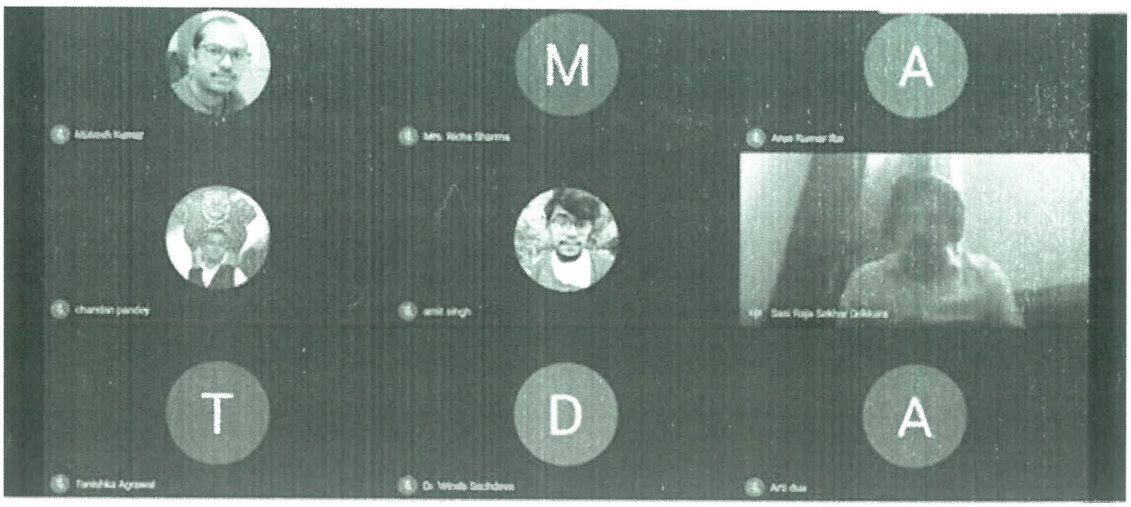
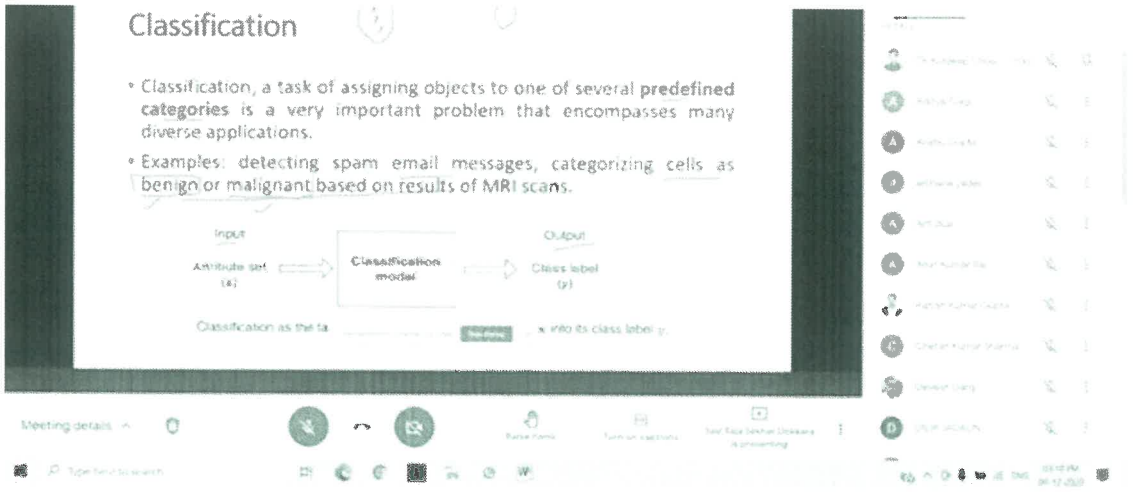
Glimpse of the webinar with few photographs:





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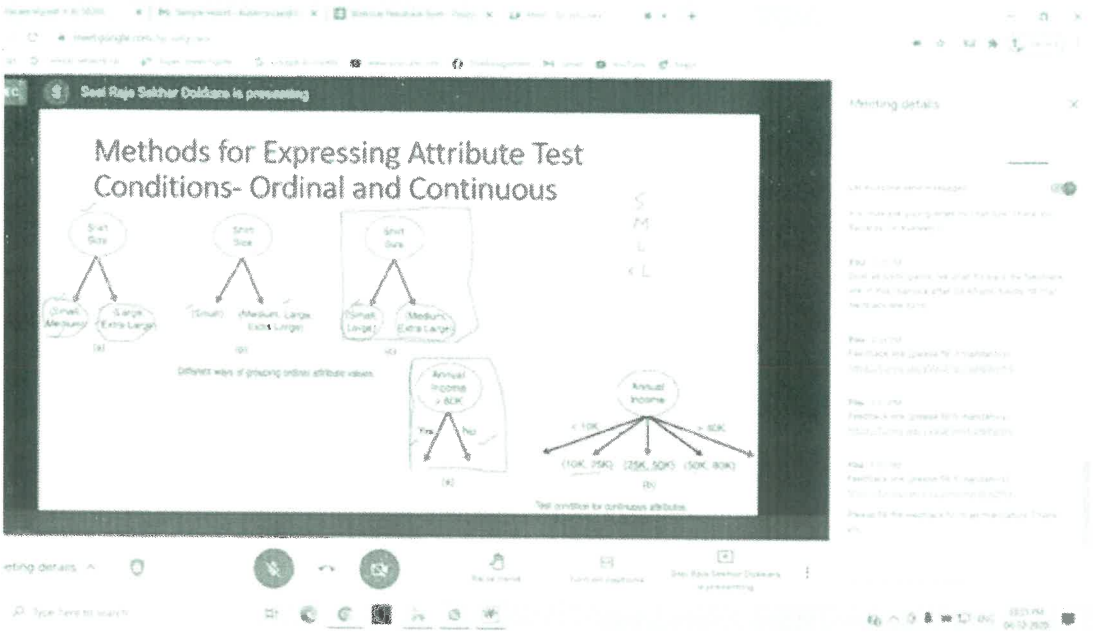

List of Registered Participants:

Full Name	College/ University name	Mobile number
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Dr. Vrinda Sachdeva	ITS Engineering college	9812367679
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B.VIJAYA LAXMI	Satavahana University	9848661060
BANDELA NARSINGAM	TEEGALA KRISHNA REDDY ENGINEERING COLLEGE	9959191665
Shaik Maheboob	Lords Institute of Engineering and Technology	7416643394
Jayaraj Ramasamy	Botho University	9677679049
Hemachandran K	Woxsen University	8973044946
K P Singh	ITS Engineering College	8802252188
ABHISHEK SHIVHARE	ITS ENGINEERING COLLEGE	9811961919
DANISH AZAD	I T S ENGINEERING COLLEGE	8298626926
Gunjan Sardana	ITS engineering college	9891772907
Shubhendra Singh	ITS ENGINEERING COLLEGE	8449152741
Roshan kumar	ITS engineering college, greater noida	8700916385

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Rajeev Ranjan Singh	I.T.S Engineering College Greater Noida	9319437223
Arshad Waseem	ITS ENGINEERING COLLEGE	9918811554
Chetan Kumar Sharma	ITS Engineering College	
Naved Malik	ITS ENGINEERING COLLEGE GR .NOIDA	9761938063
Nitin Sharma	I.T.S engineering college	9873147995
Akansh Gupta	ITS ENGG COLLEGE GREATER NOIDA	9548888066
Anshu Gupta	ITS engineering college	7521905966
Pranav shubham jha	ITS engneering collage,greater noida	7667839681
Aasif Jamal	ITS Engineering College	9140510779
Rajinder Singh	I.T.S Engineering college greater Noida	9596935712
Swagat Sriram Bara	ITS Engineering College	9667655086
Pranaw Kumar Singh	ITS ENGINEERING COLLEGE	9939068203
Md Imteyaz imam	ITS engineering college	7632945950
Deshdeep	ITS Engineering college/AKTU	8273838803
Emad Naushad	I.T.S Engineering College	9997827559
AQUIB KHAN	I.T.S ENGINEERING COLLEGE GREATER NOIDA	8506933718
Sahil khan	ITS Engineering College	9826602040
Sakshi sharma	I.T.S engineering college	9910870650
Ankit kumar	Its Engineering college	7542801375
Subham pratap Singh	Its engineering college, 46,knowledge park III, Greater noida-201310	9149314711
Abhishek Shekhawat	ITS Engg College	7037741642
Vaibhav Kumar Yadav	ITS engineering college	8449021633
Yash Sharma	ITS Engineering College	9811222678
Utkarsh Singh	ITS ENGINEERING COLLEGE	7065161386
Saurabh Rai	ITS engineering college	9315714860
Sagar kumar verma	ITS engineering college greater Noida	7456848753
Vishal Rajput	ITS engineering college	6377995615
Shivendra Pathak	I.T.S Engineering College	7497936167
Ashvini sharma	ITS Engineering College greater Noida	9455832577
Dr G Komarasamy	GITAM university	9715614081
Gaurav kumar Das	Compucom Institute Of Technology and mgmt	9887368430
Kaushambi Srivastava	ITS engineering college	7081447995
Piyush saini	ITS engineering college	8755090585
Anuj Srivastava	I.T.S Engineering college	8090028645
Sachin Kumar	ITS engineering college greater Noida	8750467010
Sripriya	Prathyusha Engineering college	9840669157

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I.T.S Engineering College

Research and Development Cell

46, Knowledge Park-III, Greater Noida District, Gautam Budh Nagar (U.P.)
Phone: (0120) 2331024, Mob. 9582647615 E-mail: hod.me@its.edu.in Web: http://www.its.edu.in

ABHISHEK KUMAR	ITS Engineering College	7079304312
Umakant Dwivedi	ITS ENGINEERING COLLEGE	9696826625
unnati gupta	ITS ENGINEERING COLLEGE	9026569108
Aryan Shukla	ITS college of engineering	9598889695
Prem Narayan	ITS engineering college	8299616738
manjay kumar	ITS ENGINEERING College GREATER NOIDA	9110930209
Abutalib k	ITS engineering COLLEGE	7491099756
Lakshay nagpal	ITS Engineering college	9555947642
Devesh Garg	I.T.S Engineering College, Gr. Noida	9953320266
Satyam Kumar Mishra	I. T. S Engineering College	7048948110
MUKESH KUMAR	ITS ENGINEERING COLLEGE	9999215241
Garima Jolly	Assistant professor at Compucom college jaipur	8947937428
Tarun Kumar Chugh	I.T.S Engineering College	9810172959
ASHISH KUMAR GUPTA	I.T.S ENGINEERING COLLEGE	9958081079
Shivam Atri	International Institute of Technology and Management	9991853859
Akshay	Dcrust university	6395609005
Yash Mani Jain	I.T.S. ENGINEERING COLLEGE, GREATER NOIDA	8077176326
Dr Purushottam Bhari	Compucom Institute of Information Technology and Management, Jaipur	9460065009
Anshul Kumar	ITS ENGINEERING COLLEGE	8285373624
S. FAMITHA	PRATHYUSHA ENGINEERING COLLEGE	7904140951
SANIK KUMAR MISHRA	ITS ENGINEERING COLLEGE	6306115067
Shivam Kukreti	Its engineering college greater noida	9368076121
Rajat Bhardwaj	ITS engineering College Greater Noida	9759158922
Saif mallick	ITS. ENGINNERING COLLEGE	9931439043
Rohit saini	ITS engineering college greater Noida	7014639064
Nitin	ITS college greater Noida	9315986699
Maulika Ranjan	ITS Engineering College , Greater Noida	8130887678
Yash rohilla	ITS	8826648698
Reza Ahmad	I.T.S Engineering college, Gr.Noida	8405097873
Prathyusha	Jntuk	8106216195
NARU DIVYA JYOTHI	ST.PETER,S ENGINEERING COLLEGE	9866061729
Shivani Tufchi	ITS engineering college	8727969284
Kharmega Sundararaj G	PSN College of Engineering and Technology	9443570333
Yash Garg	ITS ENGINEERING COLLEGE	8744075874
Suresh	ITS	9560409527
Mohini	IITM group of institutions	9518072570

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Divyanshi	ITS engineering college	9711186686
Ajay verma	JAWAHAR LALA NEHRU UNIVERSITY	7651805801
Padmapriya S	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY RAMAPURAM	7667793810
Abhishek saxena	ITS engineering college	8948870783
Archana Yadav	Iitm murthal	9773616314
Ashutosh Kumar Gupta	ITS Engineering College	8787082368
Dr V V NARENDRA KUMAR	SR Future Gateway Engineering Services	9963932707
Avni	ITS Engineering college, Aktu	9572229016
Swati	Deenbandhu Chhotu Ram University of Science and Technology	8376882948
ABIRAMI N	UNIVERSITY OF MADRAS	7010370083
Suraj Kumar Gupta	ITS Engineering College	6392958459
P.Suneel Kumar	Sridevi Women's Engineering College	8309449494
Dr.P.Avinash	Sridevi Women's Engineering College	9963305127
Abhishek Chauhan	Its engineering college	7011064658
Sindhuza Singh	ITS Engineering College	8527750190
Snigdha Sharma	ITS Engineering College	9310493663
Dr. Vijay Shukla	I.T.S Engineering College, Greater Noida	9910279735
Dr. Kamal Gupta	Department of MBA, ITS Engineering College, Greater Noida	8628048782
Kartik Rastogi	ITS Engineering college	8077648283
Lalita Chaudhary	ITS Engineering Depatment	9953872156
Dr. Ashish Kumar	ITS Engineering College	8527056506
Dr. S. Ismail Kalilulah	Dr. M. G. R. Educational and Research Institute	9940074605
ANUJ TIWARI	ITS ENGINEERING COLLEGE / AKTU	9560824839
Rakshit tyagi	Its engineering college	8433117641
Suryakant Tripathi	ITS engineering college	7678823443
MD UZAIF UMAR	I.T.S ENGINEERING COLLEGE	6203388391
Yogesh Sharma	ITS Engineering College	9990772680
Piyush Kumar Singh	I.T.S Engineering College	7033007553
Arun Kumar Rai	IT'S Engineering college, Greater noida	9599235859
Sahil Hussain	ITS ENGINEERING COLLEGE	8826412543
Sandeep Kumar	ITS Engineering College	8527026776
Richa Sharma	ITS engineering college	8376810104
Nitish Kumar giri	ITS engineering collage	8090283813
dilip jadaun	Aktu	9354182930
Aqib javed	ITS ENGINEERING COLLEGE	9927907780

ITS ENGINEERING COLLEGE
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Phone: (0120) 2331024, Mob. 9582647615 E-mail: hod.me@its.edu.in Web: http://www.its.edu.in

TANISHKA AGRAWAL	ITS Engineering College	7088787986
Amit Singh	ITS Engineering college, Greater Noida	7080918192
chandan pandey	ITS ENGINEERING COLLEGE	9810841913
Dr Arti Dua	ITS Engineering College, Greater Noida	8447203668
Devraj Kashyap	ITS Engineering college	7451877767
Alok Singh	I.T.S engineering college	7011072057
Aditya Dayal Tyagi	ITS Engineering College, Greater Noida	9911201232
Deepak	I.T.S Engineering College	7460021388
MUKESH KUMAR	I.T.S Engineering college	9608405398
Anagh Tripathi	I. T. S. Engineering College	7897039667
Ankit	AKTU	8587979793
Harminder Kaur	Panipat institute of Engineering and Technology	9034664521
Akeel qasim	its engineering collage.	9858821014
aayush ranjan	its engineering college	9470069196
Sandeep Yadav	Its engineering college greater Noida	8318023928

Event Report

Name of Event :- 5 Days online STTP on Emerging Technologies

Date of Event :- 4 Jan-8 Jan 2021

Organized by :- ECE& EEE Department, ITS Engineering College

Event Coordinators :- Dr. Monika Jain, Mr. Upendra Kumar Agarwal

Eminent Speaker:-Mr. Nitin Shrivastav(Data Scientist-I3Infosoft) & Ms. Megha Kaushik (AWS Architect)

Objective: The main objective of STTP was to enhance skills of students in the field of various emerging technologies.

Report:

The departments of ECE and EEE organized a 5 days **Short Term Training Program On Various Emerging Technologies.** These emerging technologies include –Data Science, Python, Machine Learning, Networking, AWS (Amazon Web Services). The STTP was conducted by **Mr. Nitin Shrivastav and Ms. Megha Kaushik.**

The eminent speaker motivated students to build their skills in the field of niche technology of Data Science. The expert gave hands on learning session of python programming with variety of topics using real time datasets. He also discussed about the industry demand from students in the field of Data Science, Machine learning, Networking and Python.
On day 1- Expert gave session on Data Science, its uses and demand in industry for data scientist .data science is a emerging field where students enhance their skills with this technology and make a good career in this field.
On day 2-Expert gave session on Python, its programming and how to utilize this technology to make a good career.
On day 3-Expert have session on Machine Learning .Machine Learning is also an emerging technologies and industry required a huge demand on this technology.
On day 4- Expert gave session on Networking, its application and demand in industry.
On day 5-Expert gave session on AWS. amazon web services provides a cost effective cloud computing solutions.
All the students of ECE & EEE enthusiastically participated in this session.

Outcome: Students Learned innovative, different ways and directions to gain expertise in the field of various Emerging TechnologiesWith the speakers guidance students can compete in this competitive world.

No. of Participants: 66 students and 15 Faculty members attended the program.

Event Coordinators:

Dr. Monika Jain(HOD-ECE)

Mr. Upendra Kumar Agarwal (HOD-EEE)

Name of Event: IEEE Connect Program

Date of Event: 21st January 2021

Organized by: EEE & ECE Department, I.T.S Engineering College Greater Noida

Event Coordinator: Mr. Rajiv Ranjan

Objective:

- To involve faculty members & students to connect with IEEE activities as Conference, Seminar & Workshop

Report:

IEEE Student Branch, I.T.S. Engineering College organized an IEEE Connect Program on 21st January 2021 to involve faculty members & students to connect with IEEE activities as Conference, Seminar & Workshop. Program started with welcome address by Prof. (Dr.) Sanjay Yadav, Director, I.T.S. Engineering College Greater Noida. The recourse person Dr. J. Ramkumar, Professor, Mechanical Engineering Department, IIT Kanpur, Former Chairperson, IEEE UP Section motivated the participants to get connected with IEEE and get benefitted from different activities of IEEE going around the world. He also explained about function and projects related with Imagineering Lab, IIT Kanpur.
Dr. Monika Jain, Professor & Head, Department of Electronics & Communication Engineering, I.T.S. Engineering College Greater Noida gave a vote of thanks and felicitated the guest with memento.

Program Outcome:

1. Awareness of IEEE activities among faculty members & students.
2. Mind opener session for Leveraging Technology for Better Tomorrow.

Scope of Improvement: To organize the event with more experts on emerging technologies.

No. of Faculty attended: 18
No. of Student attended: 20

Coordinators:

(Rajiv Ranjan)

Asst. Prof.

EEE Dept.

ITS ENGINEERING COLLEGE
IEEE
GREATER NOIDA
Department of ECE & EEE
IEEE Connect Program
by

ITS ENGINEERING COLLEGE
IEEE
GREATER NOIDA
Department of ECE & EEE
IEEE Connect Program
by
Dr. J. Ramkumar

Name of Event – "THE VOICE OF THE BRAINS"

Date of Event – 23rd January, 2021

Organised by – Envision- the student activity club

Event Coordinators – Ms. Manju Singh

Objective:

To honor and remember Netaji Subhash Chandra Bose Jayanti or Subhas Chandra Bose's birthday also to remember and honor Netaji's vigour as one the greatest freedom fighters of India as – **" Parakram Diwas – the day of courage"**. We tribute the birth of India's most celebrated revolutionary and visionary freedom fighter who spent his entire life fighting for the independence and honor of this nation.

Report:

Department of Electronics and Communication Engineering of I.T.S Engineering College, Greater Noida Celebrated **Parakram Diwas** on the occasion of 125th birth anniversary of great freedom fighter and patriot Subhash Chandra Bose.

The primary objective behind organising such an event was to enhance the knowledge and facts regarding the history and struggles of Netaji's strong determination and devotion.

On this special occasion **"Envision-the student activity club"** Organised the event named "**THE VOICE OF BRAINS**" the debate competition through virtual mode in which many number of students participated with full of enthusiasm . We wish them success in future endeavour. All participants felicitated with certificates and winners of the event were felicitated with certificates and attractive gifts.

The event was judge by following faculty members :
1. Dr. Arti Dua – Department of ASH
2. Dr. Nidhi Puri – Department of ASH

The winners of the event were:

1. Chandan Pandey , CSE- 3rd Year
2. Sumit Singh, B.tech.- 1st Year

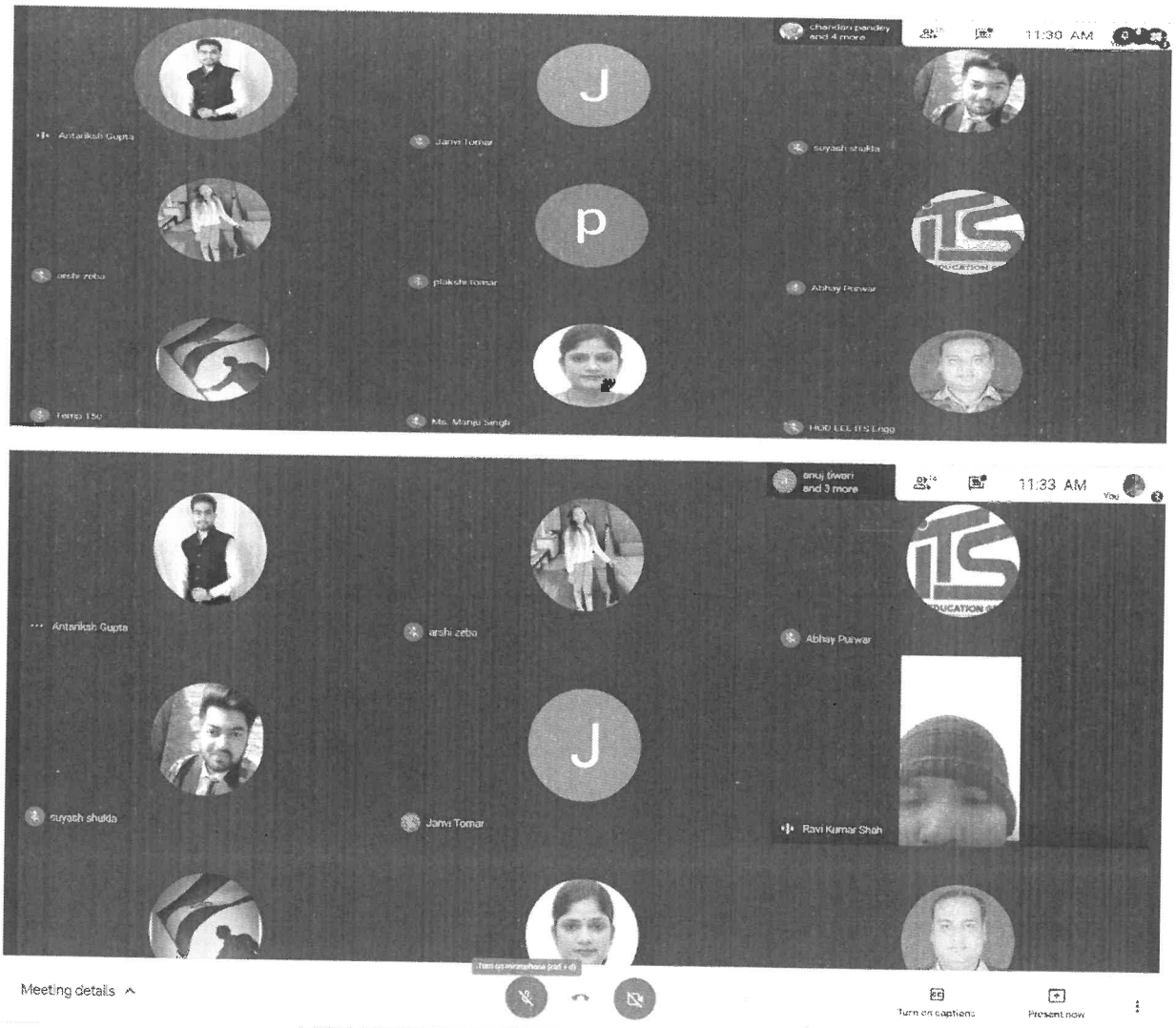
The event was successfully managed. HOD-ECE Dr. Monika Jain and other faculties congratulated the winners.

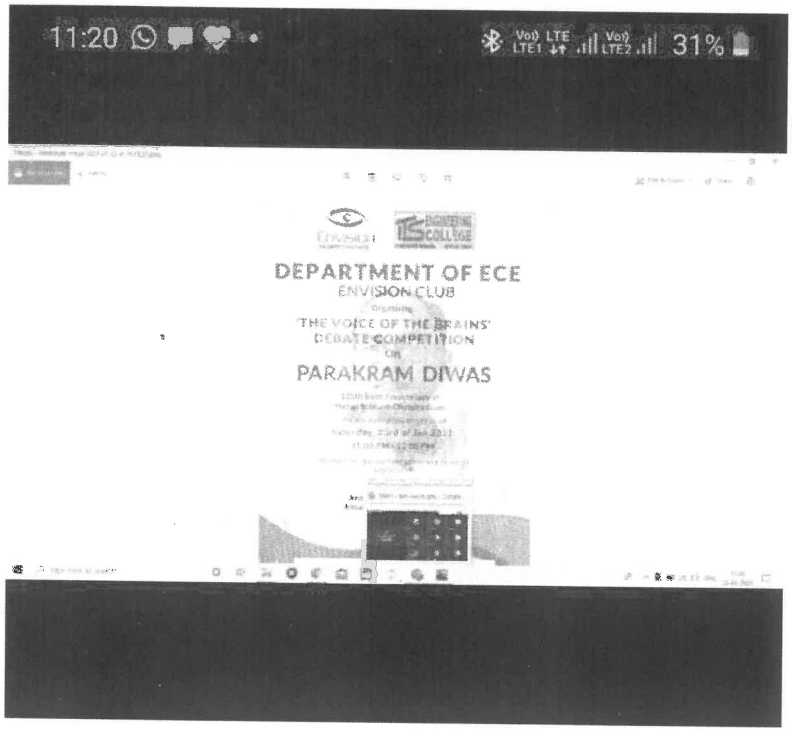
23rd, January has been marked as the national Parakram Diwas. On this auspicious occasion Department of Electronic and Communication Engineering remembered the sacrifices made by the many of people in the freedom of India and make us proud.

Program Outcome:

Like any other important day, Parakram Diwas – the 125th birth anniversary of Subhash Chandra Bose too has been a very significant occasion and our students celebrate this too with full of joy and enthusiasm

ITS Engineering College, being an academic institution, celebrated this event to encourage the students to think beyond their textual knowledge.





(18)

N Nikita Pandey

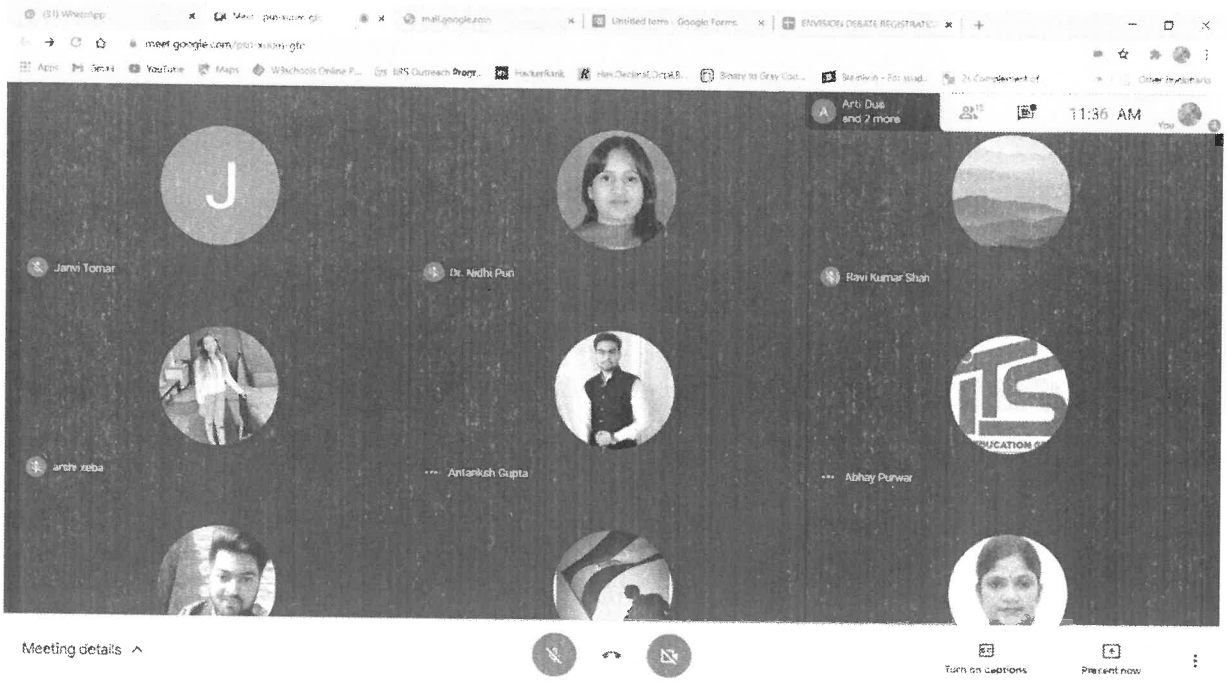
piyush singh

p plakshi tomar

Ravi Kumar Shah

suyash shukla

utkarsh srivastava


Arti Dua
and 2 more
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You
J
Janvi Tomar
Dr. Nidhi Puri
Ravi Kumar Shah
archi xeba
Antariksh Gupta
Abhay Purwar
Meeting details
Turn on captions
Present now

Envision
ENGINEER'S PARADISE

ITS ENGINEERING COLLEGE
GREATER NOIDA | SINCE 2006

DEPARTMENT OF ECE

ENVISION CLUB

Organising

'THE VOICE OF THE BRAINS'
DEBATE COMPETITION

On

PARAKRAM DIWAS

125th Birth Anniversary of
Netaji Subhash Chandra Bose

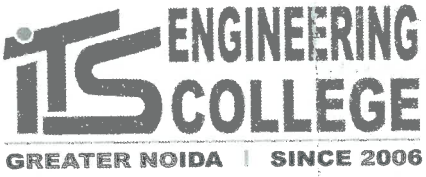
We are inviting you to join us on

Saturday, 23rd of Jan 2021

11:00 AM - 12:00 PM

Winners will get exciting prizes and token of appreciation

~ Contacts ~
Arshi Zeba - 9811113053
Abhay Purwar - 9169437769



A

REPORT ON

One Week AICTE sponsored ATAL FDP

On

Internet of Things (IOT)

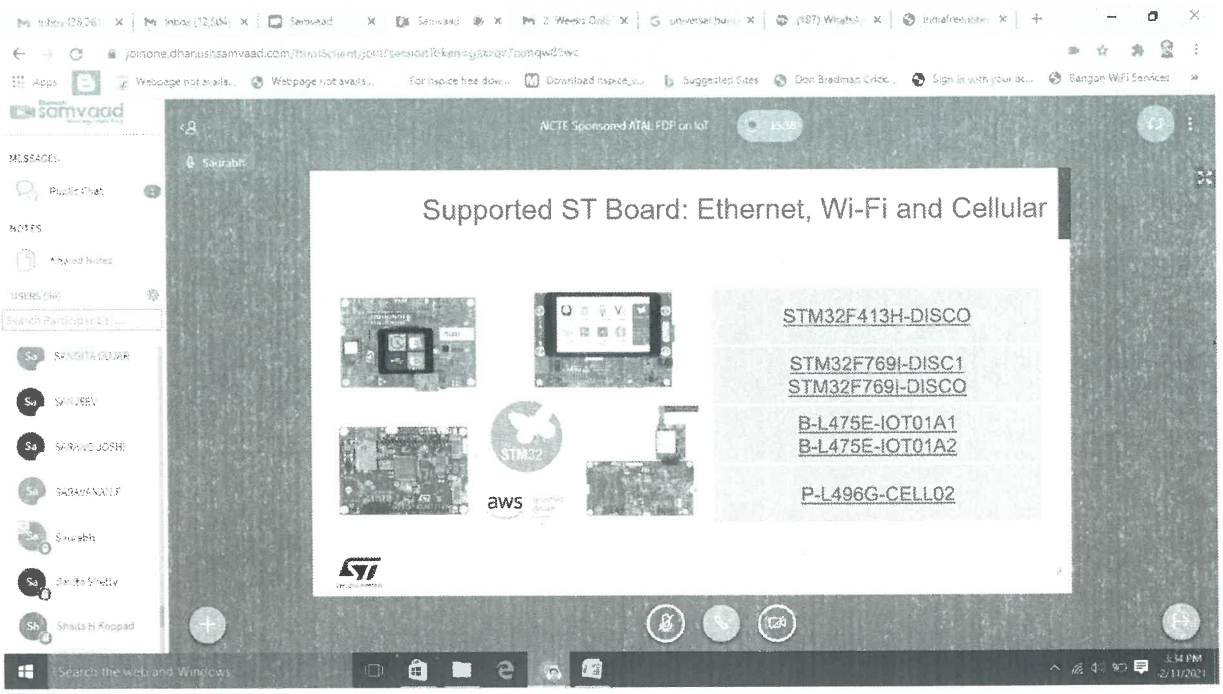
Feb 08 – Feb 12, 2021

CONDUCTED BY

Department of

Electronics and Communication Engineering

I.T.S Engineering College, Greater Noida



Day 5 (12/02/2021)

Session 13

Resource Person: Dr. Dinesh Vishwkarma, Associate Professor-IT, Delhi Technological University, Delhi

Topic: Role of computer vision in IOT

Objective: To introduce the participants about the computer vision and its role in Internet of things

Content:

The session started with introduction to computer vision. In our daily life, we can find computer vision technology in everyday products, from game consoles that can recognize your gestures to cell phone cameras that can automatically set focus on people. It is impacting many areas of our lives.

Dr. Vishwkarma then talked about different applications of computer vision. Computer vision has a long history in commercial and government use. Optical sensors that can sense light waves in various spectrum ranges are deployed in many applications: Like quality

assurance in manufacturing, remote sensing for environmental management or high-resolution cameras that collect intelligence over battlefields. Some of these sensors are stationary while others are attached to moving objects, such as satellites, drones, and vehicles.

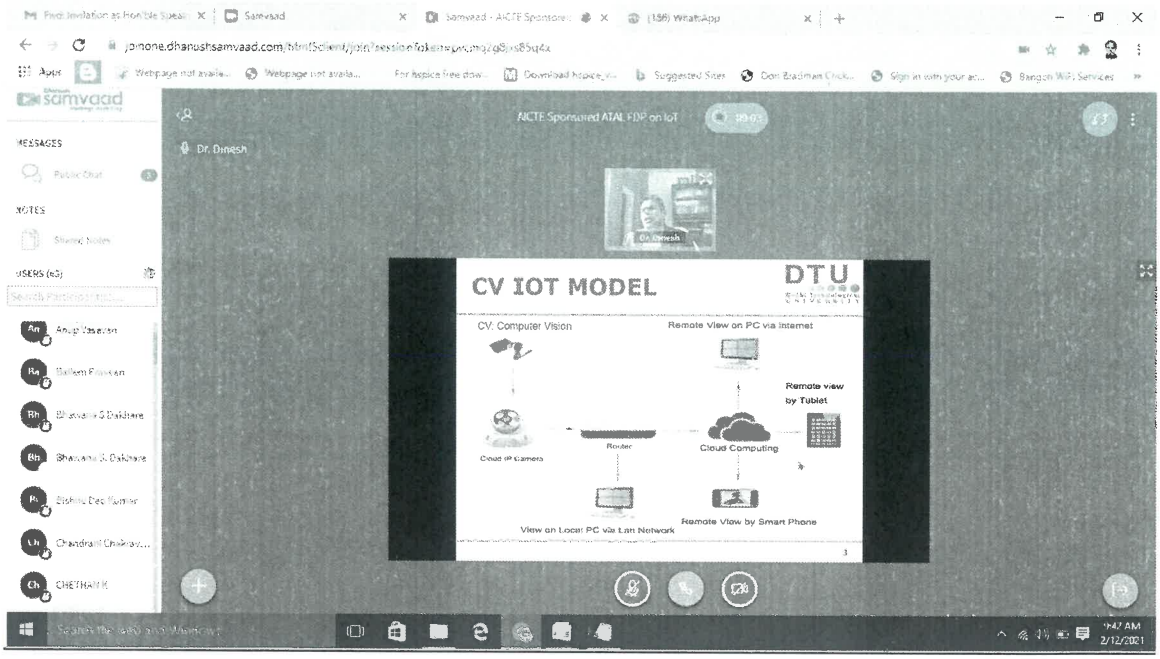
Dr. Vishwkarma then explained the role of computer vision in IOT. In the past, many of these computer vision applications were limited to some closed platforms. But when combined with IP connectivity technologies, they create a new set of applications that were not possible before. Computer vision, coupled with IP connectivity, advanced data analytics, and artificial intelligence, will be catalysts for each other, giving rise to revolutionary leaps in the Internet of Things (IoT) innovations and applications. Dr. Vishwkarma also talked about different challenges with computer vision and gave an idea about implementation of several computer vision applications. The session concluded with question and answer session.

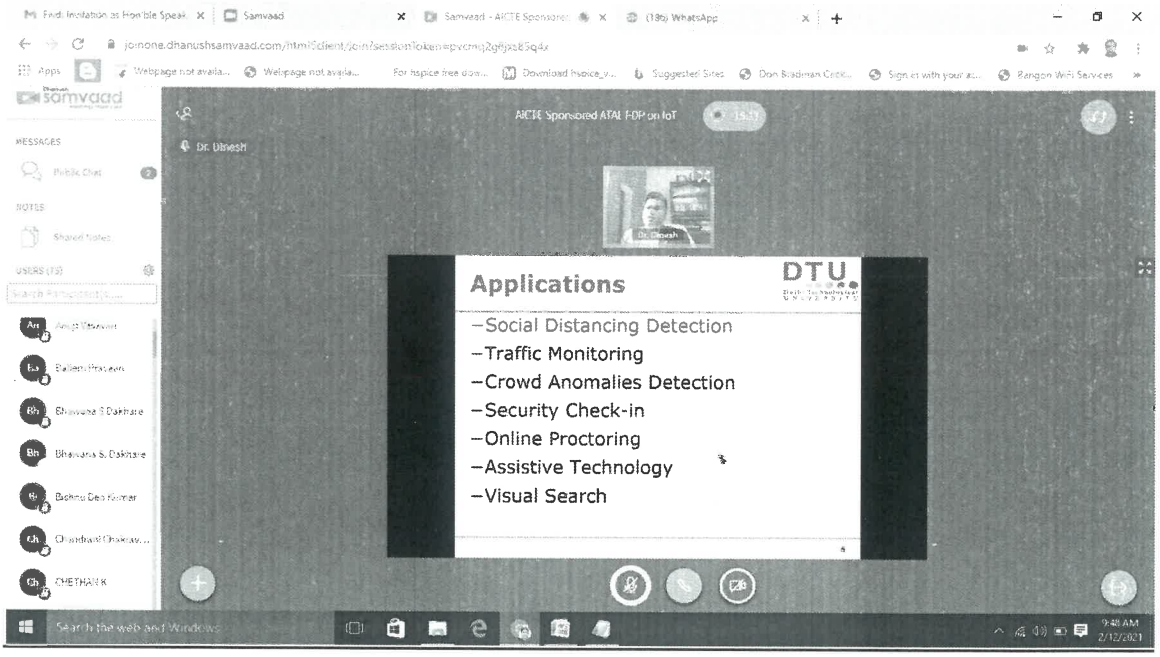
Program Outcome: The participants became aware of different terms and technology behind the computer vision and how computer vision is being used in Internet of things applications.

Program attendance: 124 participants attended the session.

The link to the recorded session is given below:

https://join1.samvaad.pro/playback/presentation/2.0/playback.html?meetingId=73737aa874e0eaee1dceaa0a083759926dafd95d-1613101607266





Session 14

Resource Person: Dr. Rajiv Ratn Shah, Assistant Professor-CSE, IIIT Delhi

Topic: AI for Social Good Perspective: An IOT Perspective

Objective: To educate the participants about how to use AI for social good perspective

Content:

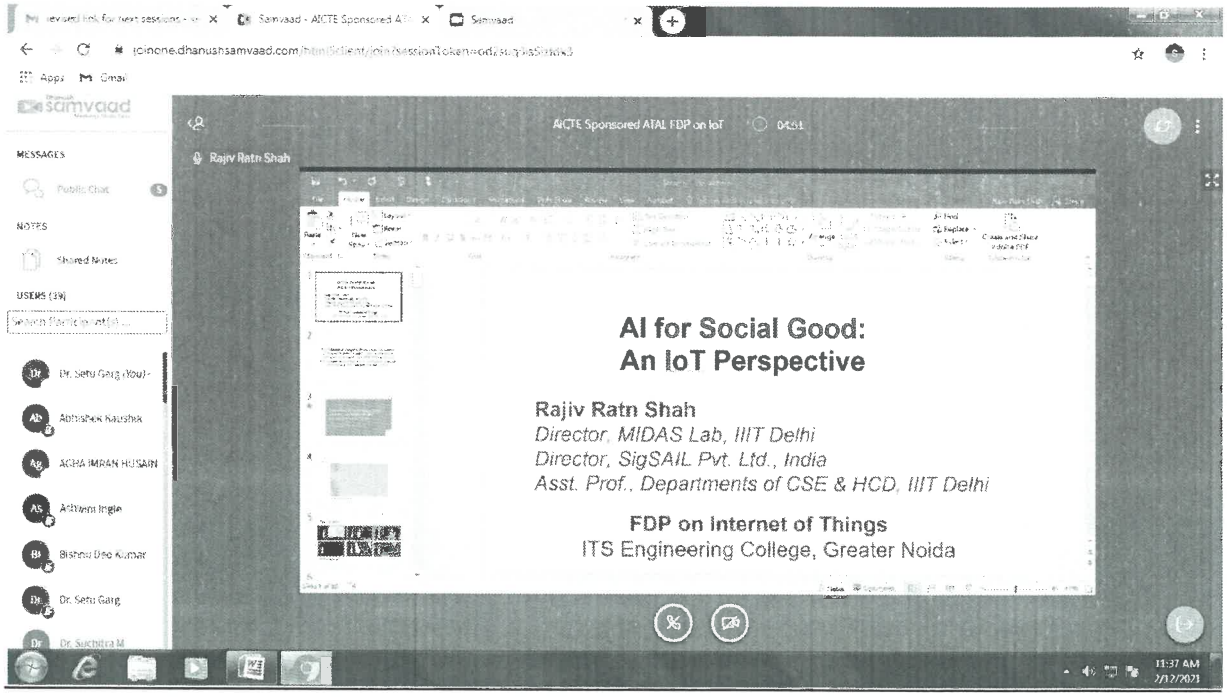
The session started with introduction to AI and how it can be utilized for social good. Dr. Shah explained how AI is changing our life is almost every domain. Our style of shopping has been changed thanks to AI. We can use AI to check for suicidal posts on the social media and save precious human life. The foul language on social media can be identified and appropriate action can be taken against same. AI can also be used to monitor the use of mobile phone while driving. AI can also be used for information retrieval, visual speech recognition, touch less typing and many more applications were discussed during the session. The session concluded with question and answer session..

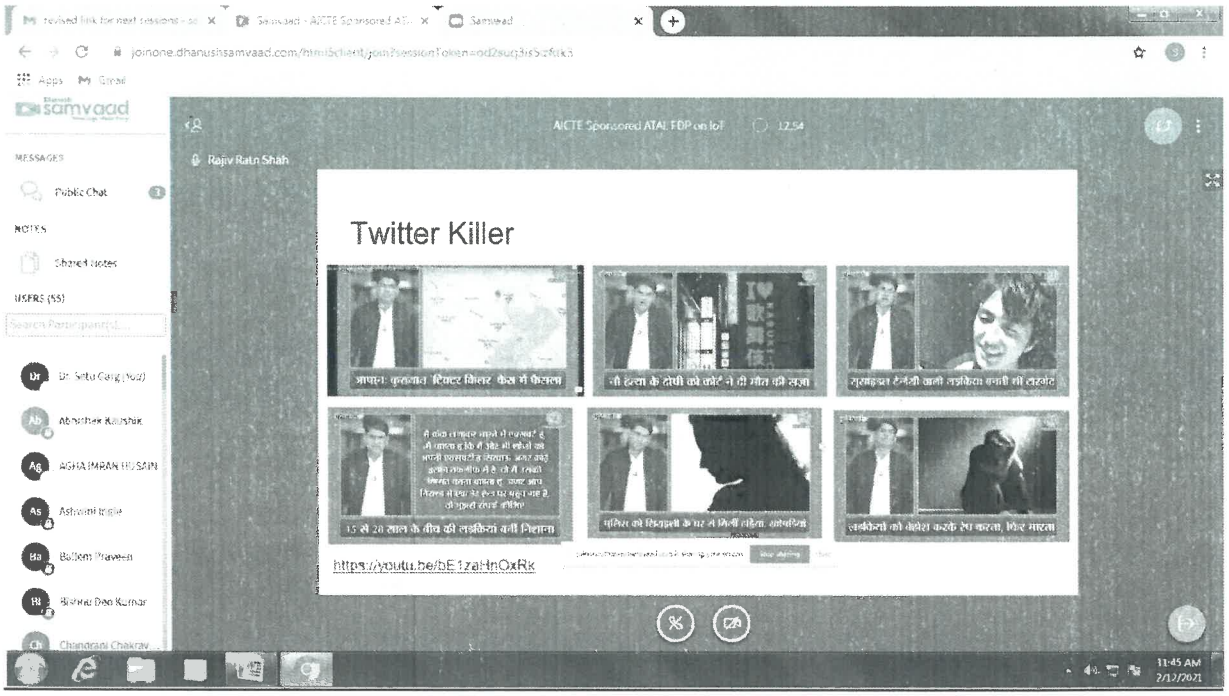
Program Outcome: The participants became aware of different way the artificial intelligence can be used for social good and also they got an idea of different research prospects in AI for social good.

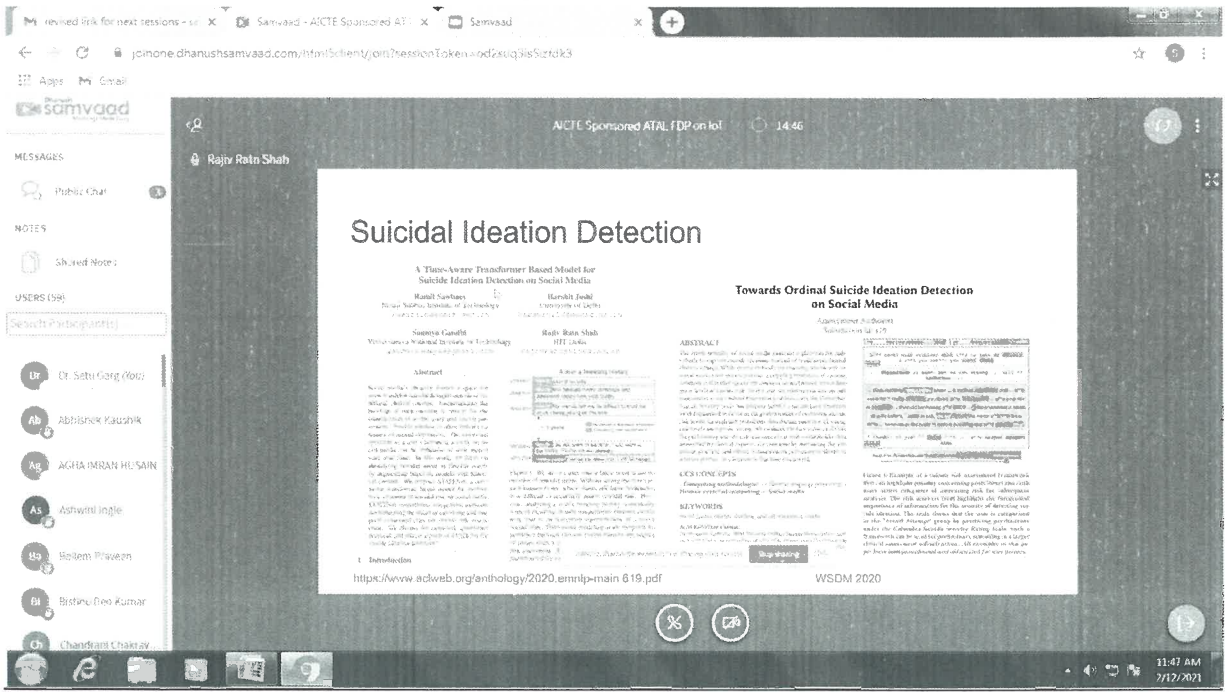
Program attendance: 125 participants attended the session.

The link to the recorded session is given below:

https://join1.samvaad.pro/playback/presentation/2.0/playback.html?meetingId=73737aa874e0eaee1dceaa0a083759926dafd95d-1613109628768




AICTE Sponsored ATAL FDP on IoT
12:54
Rajiv Ratn Shah
Twitter Killer
https://youtu.be/bE1zaHnOxRk
11:45 AM
2/12/2021


AICTE Sponsored ATAL FDP on IoT
14:46
Rajiv Ratn Shah
Suicidal Ideation Detection
A Time-Aware Transformer Based Model for Suicide Ideation Detection on Social Media
Towards Ordinal Suicide Ideation Detection on Social Media
https://www.aclweb.org/anthology/2020.emnlp-main.619.pdf
WSDM 2020
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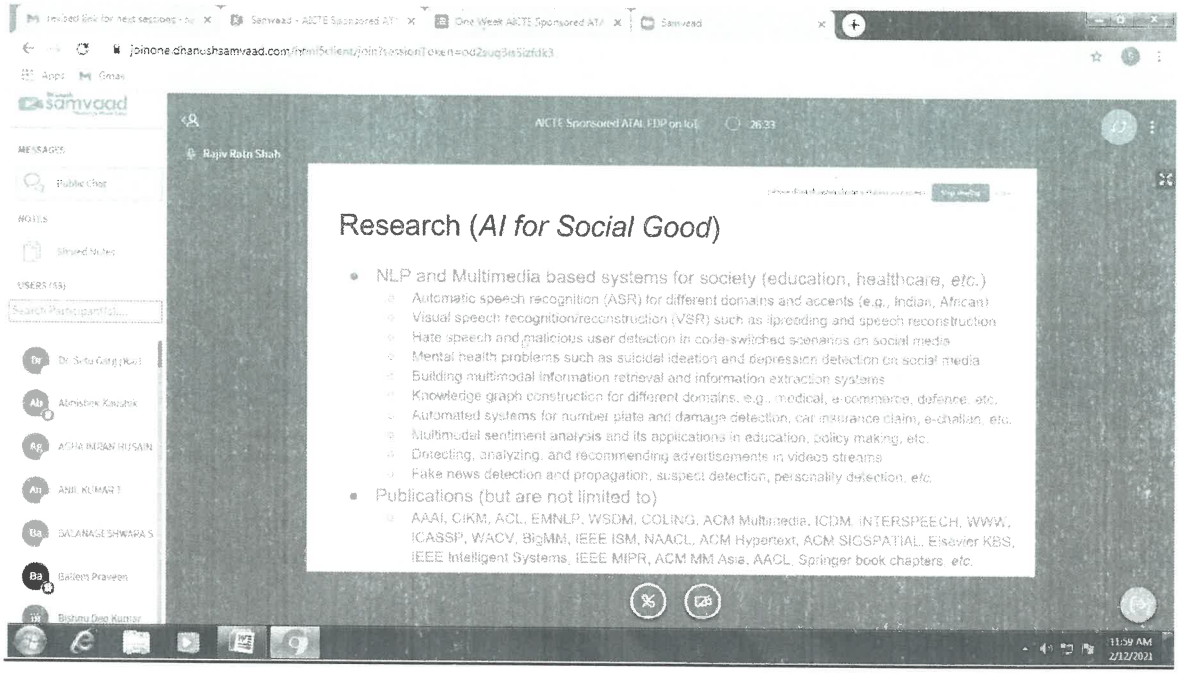


Valedictory Session

The Valedictory session of the FDP was held on Feb 12, 2020 in presence of Dr. B.C. Sharma, Director – ITS Engineering College and Dr. R. P. Dahiya, Ex Vice Chancellor, Deenbandhu Chhotu Ram University of Science and Technology, Murthal (Sonepat), India. Dr. Sharma addressed the participants and congratulated all the participants to successfully complete the faculty development program and advised everyone to incorporate all the learning for the betterment of their students and the society. Dr. Dahiya motivated all the participants to participate in all such events to enhance their knowledge and also utilize the knowledge gained in the research work. Dr. Monika jain, Head of Electronics and Communication Engineering Department summarized the complete FDP programme and also appreciated participants by mentioning their keenness and passion to learn. After this session a quiz was organized to assess the knowledge gained by the participants.

The link to the recorded session is given below:

https://join1.samvaad.pro/playback/presentation/2.0/playback.html?meetingId=73737aa874e0eaee1dceaa0a083759926dafd95d-1613118526030

Scope for Improvement:

*More hands on sessions could be included to achieve better outcome.

Session 12

Resource Person: Mr. Saurabh Nishad, Field Application Engineer, STMicroelectronics, Bangalore

Topic: Internet of Things (IoT) - Edge Devices talking to Cloud

Objective: To give insights about configuration of devices with cloud and various infrastructures available for developing IOT applications.

Content:

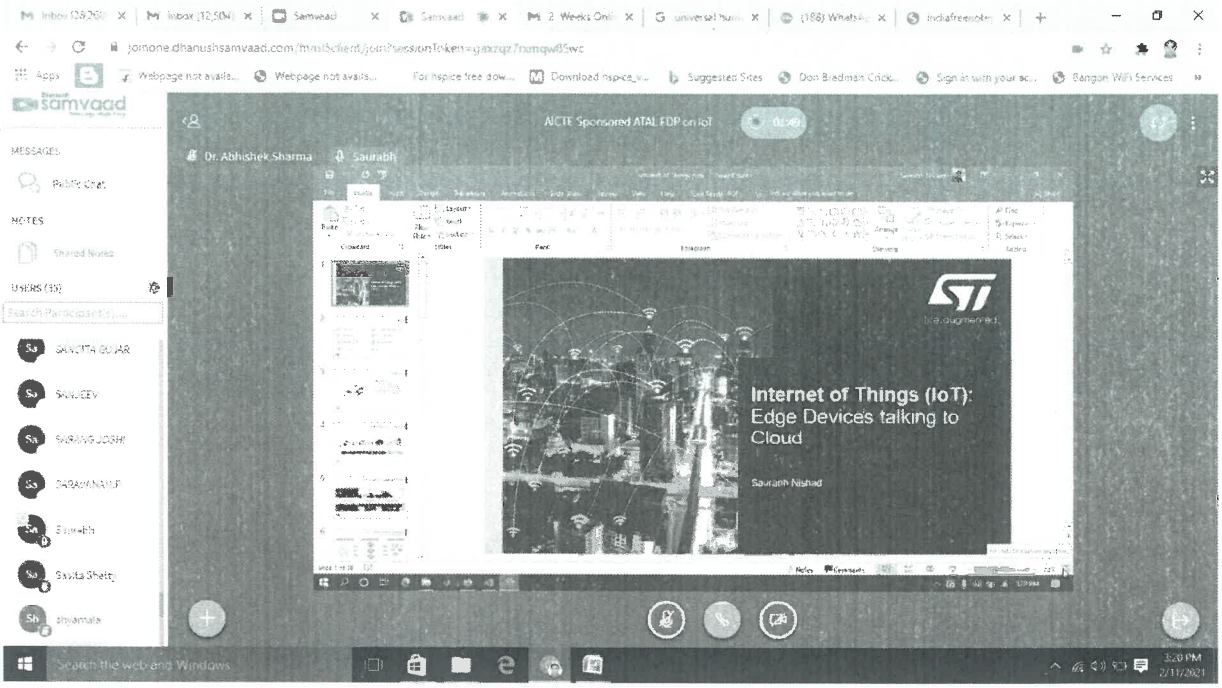
The session began with introduction to IOT followed by need of IOT, applications of IOT, need of intelligent systems and the challenges associated with smart systems. Then Mr. Nishad talked about different MCUs and development boards STMicroelectronics is offering and their support for different applications. Mr. Nishad then talked about IOT infrastructure. Also different IOT and mobile solutions offered by STMicroelectronics were discussed. Mr. Nishad then discussed the critical issue of security in IOT applications, different kinds of attacks at Logical, Board-level, Chip-level and STMicroelectronics is offering to deal with the security issue. Mr. Nishad also gave a demo on STM32CubeExpansion. Mr. Nishad also explained how to connect devices with the cloud for IOT applications. The session concluded with question and answer session.

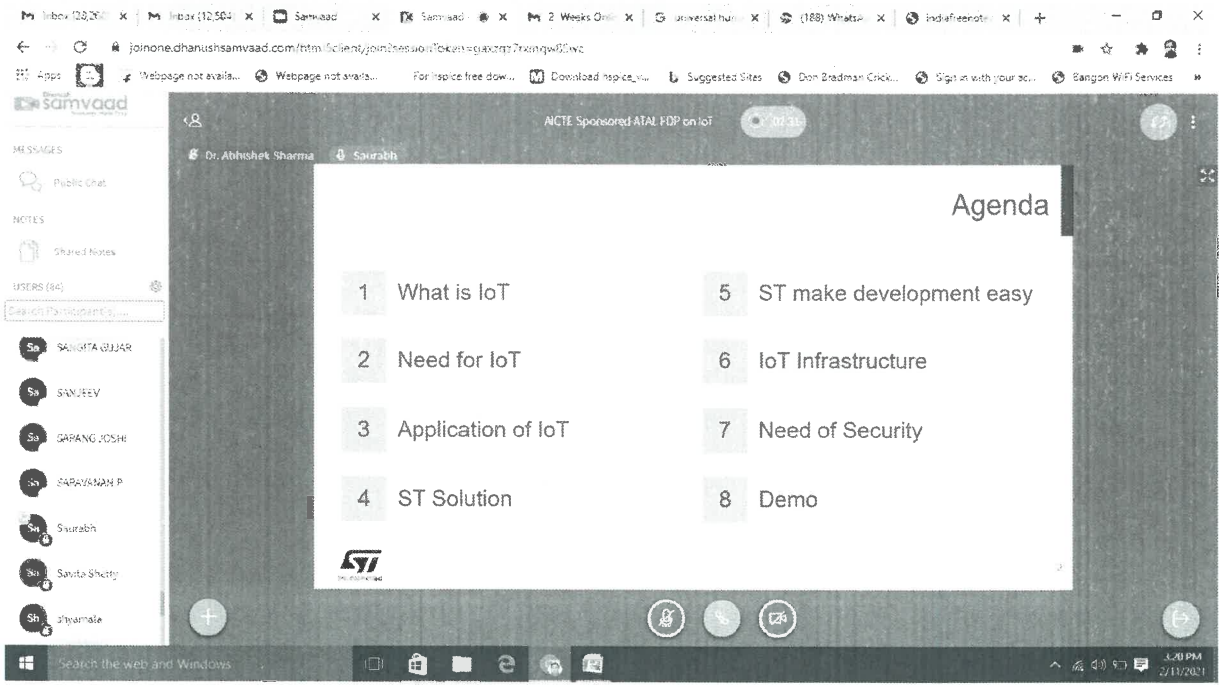
Program Outcome: The participants got an idea about configuration of devices with the cloud and different IOT solutions available provided by STMicroelectronics,

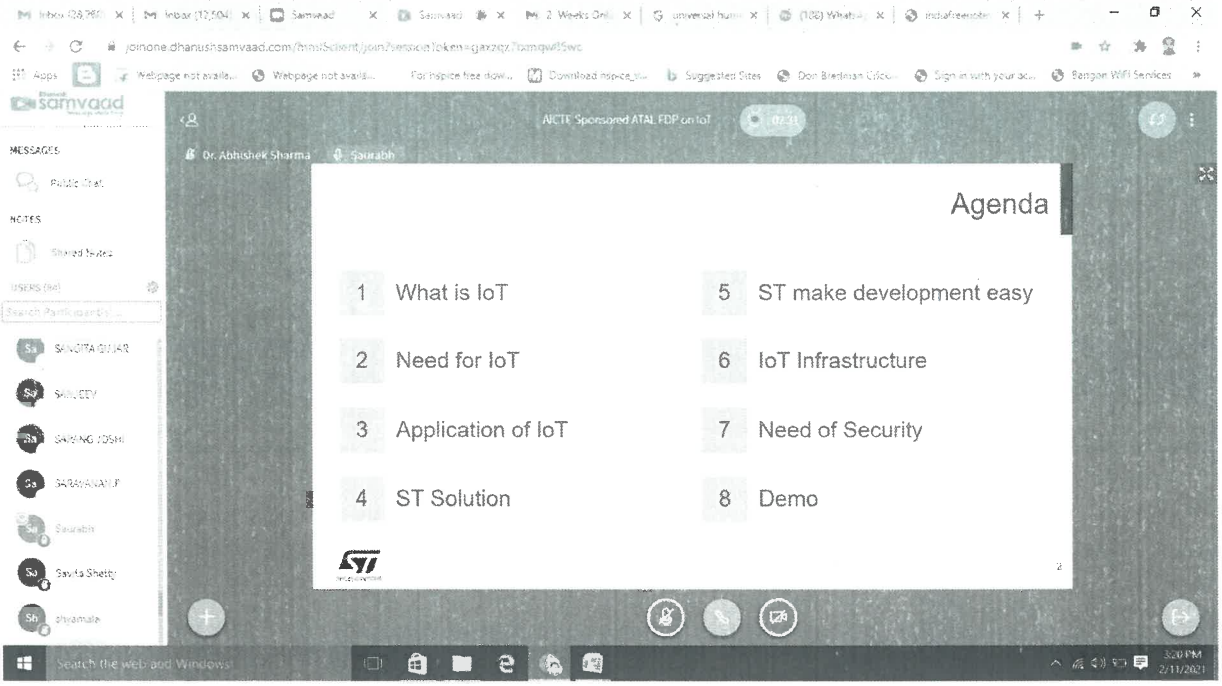
Program attendance: 130 participants attended the session.

The link to the recorded session is given below:

https://join1.samvaad.pro/playback/presentation/2.0/playback.html?meetingId=73737aa874e0eaee1dceaa0a083759926dafd95d-1613030286341


AICTE Sponsored ATAL FDP on IoT
Dr. Abhishek Sharma
Saurabh
Internet of Things (IoT):
Edge Devices talking to Cloud
Saurabh Nishad


AICTE Sponsored ATAL FDP on IoT
Dr. Abhishek Sharma
Saurabh
Agenda
1 What is IoT
2 Need for IoT
3 Application of IoT
4 ST Solution
5 ST make development easy
6 IoT Infrastructure
7 Need of Security
8 Demo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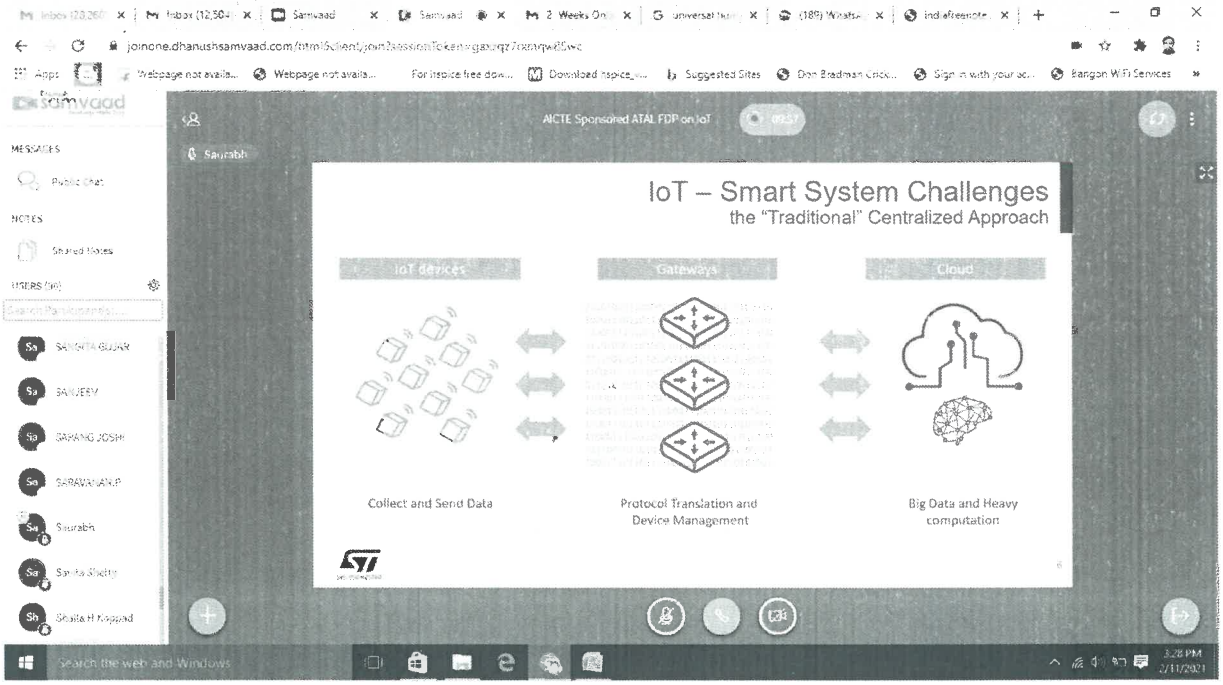
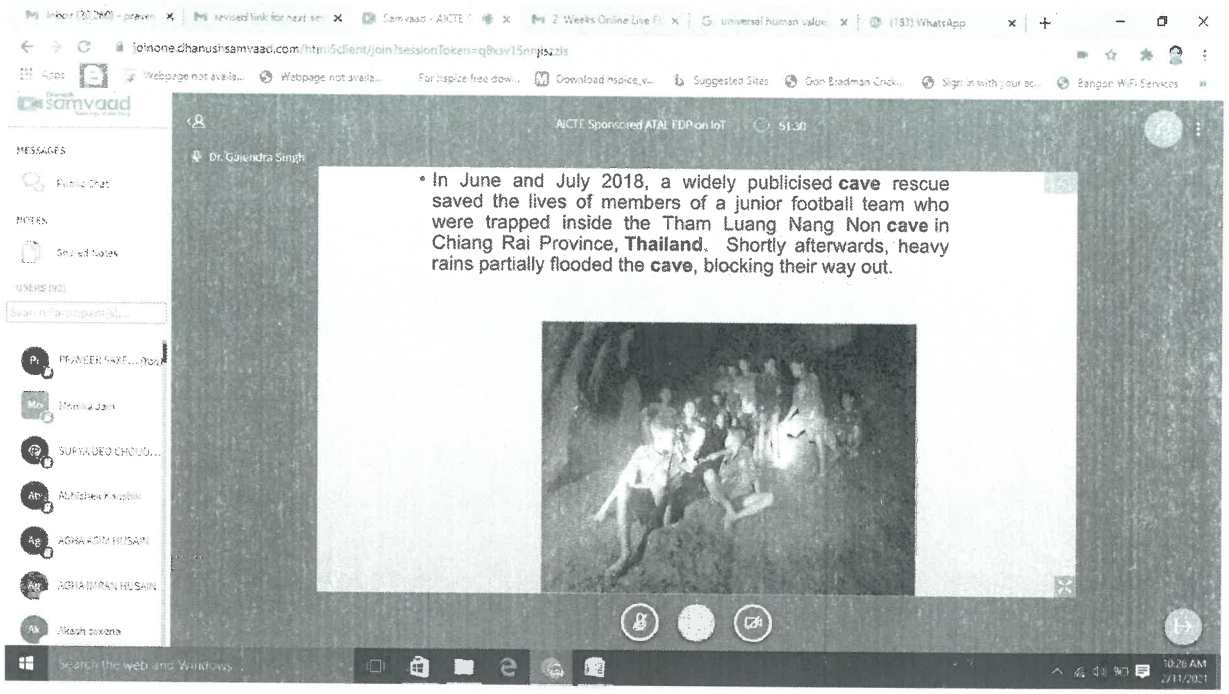

AICTE Sponsored ATAL FDP on IoT
Saurabh
IoT – Smart System Challenges
the "Traditional" Centralized Approach
IoT devices
Gateways
Cloud
Collect and Send Data
Protocol Translation and Device Management
Big Data and Heavy computation



Session 11

Resource Person: Dr. Satish Singh, Associate Professor-CSE, IIIT Allahabad

Topic: Artificial Intelligence in IOT

Objective: To introduce the emerging field of Artificial Intelligence and its role in IOT applications

Content:

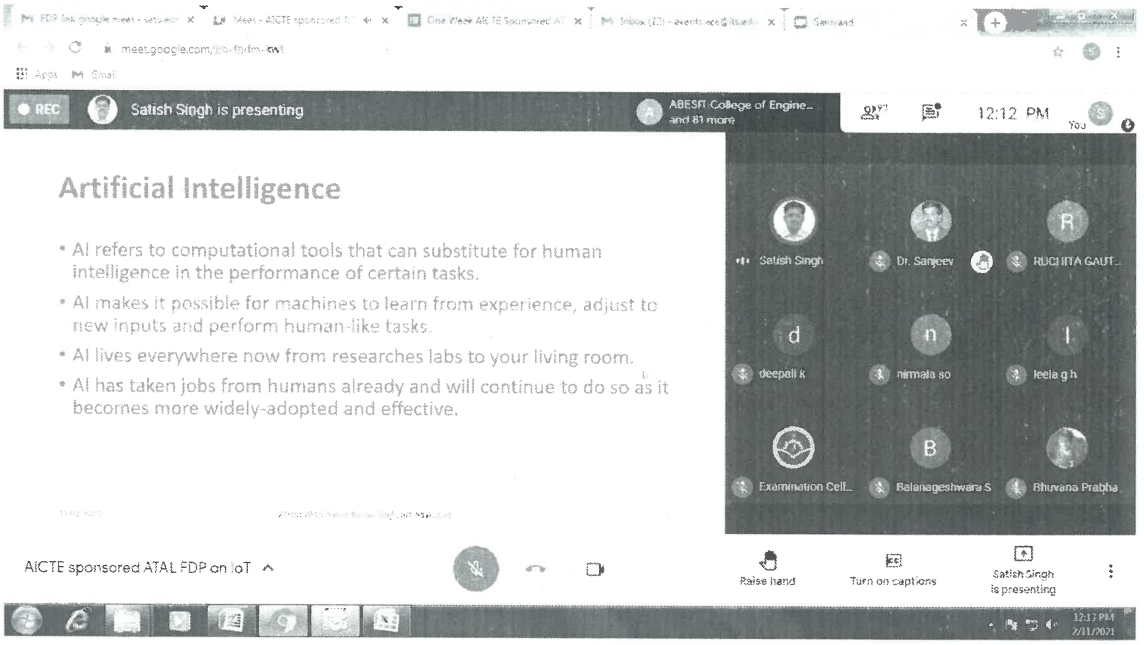
The session began with definition of Human Intelligence. Then Mr. Singh explained about human intelligence / behavior and Artificial Intelligence, Human learning and machine learning and the difference between Human intelligence and AI. Mr. Singh also explained the different application of Artificial intelligence .Mr. Singh discussed about AI and IOT statistics. Mr. Singh explained how three main pillars are superpowers of innovation, these pillars are Artificial intelligence, Big Data and 5 G network Mr. Singh also explained the advantages of AI powered IOT. Mr. Singh explained the main blocks of deep learning also. The session concluded with question and answer session.

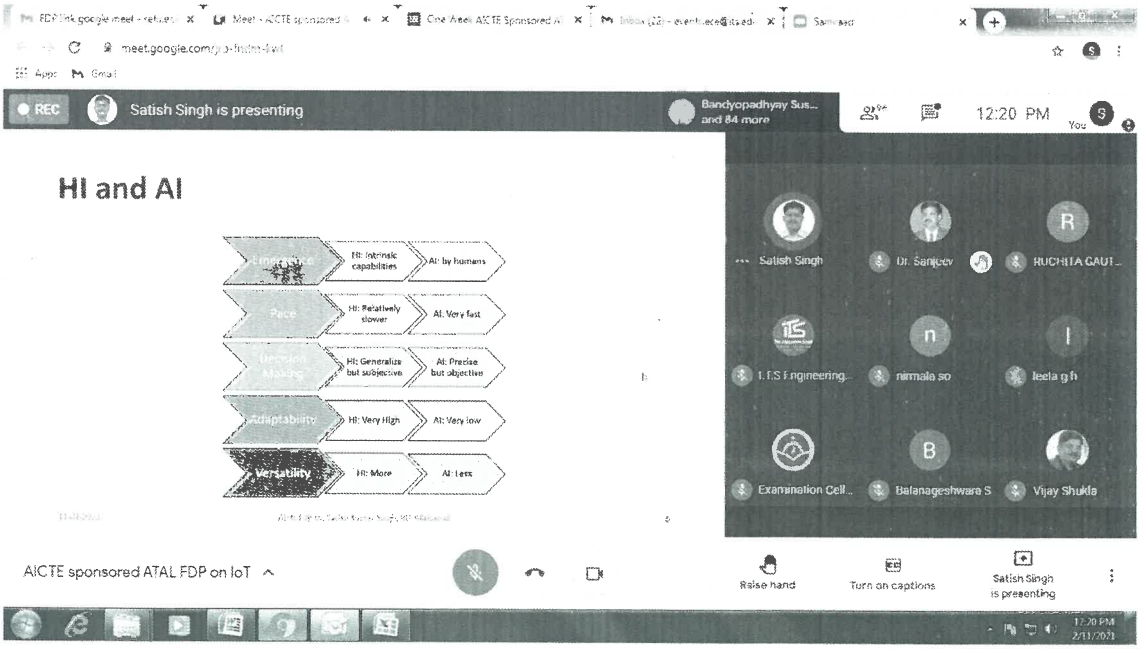
Program Outcome: The participants got an idea about the field of artificial intelligence and how it is being applied in field of Internet of Things.

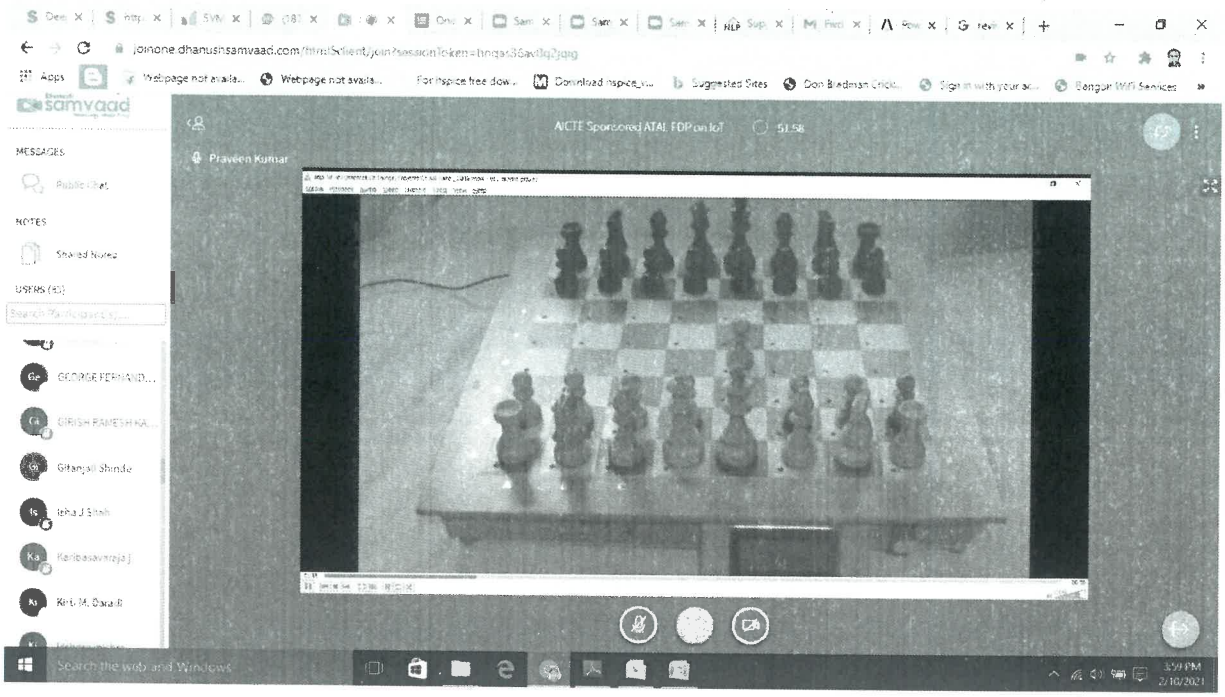
Program attendance: 127 participants attended the session.

The link to the recorded session is given below:

https://drive.google.com/file/d/1X8FqUVK4ewhb4CVwjEnu32DhgRK6rzqP/view







Day 4 (11/02/2021)

Session 10

Resource Person: Dr. Gajendra Singh, Dean-Value Education, AKTU, Lucknow

Topic: Value Guided Skills for Sustainable Development

Objective: To highlight the need of value guided skills for development of society

Content:

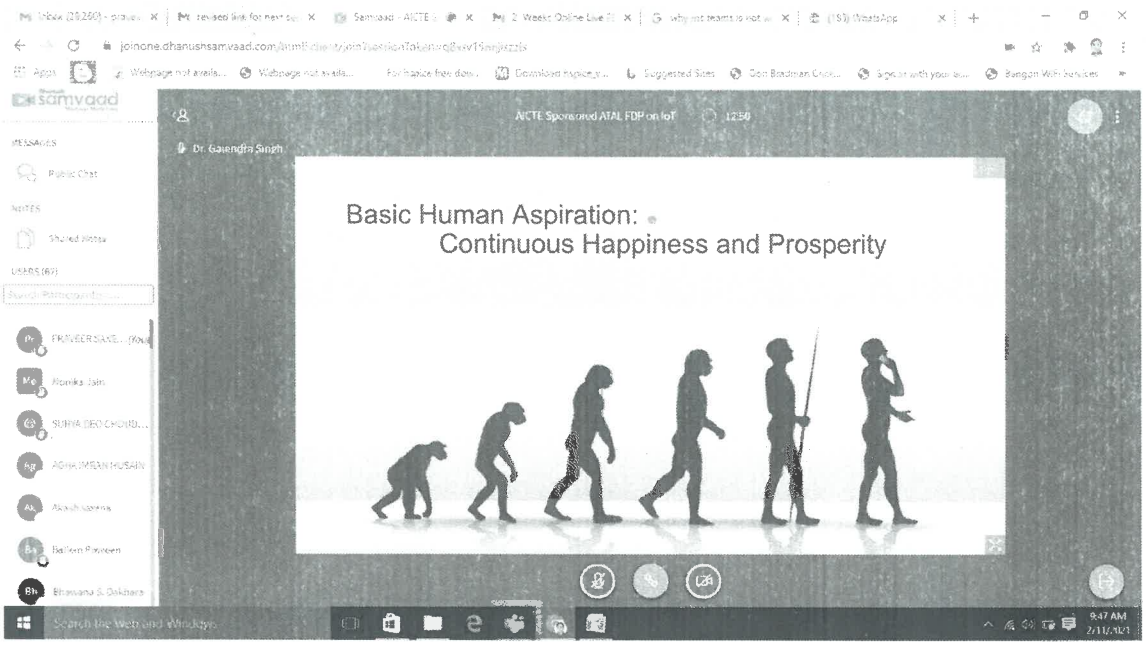
The session began with the aspirations in National Education Policy 2020. Then Dr. Singh talked about basic human aspirations followed by "desire" and "state of being". Dr. Singh then gave insights of happiness and unhappiness. Then the concept of "prosperity" was discussed. Dr. Singh also took up a case study to explain desire and effort. Mr. Singh then explained the need of relationships for human being and mutual happiness a well as mutual prosperity. Mr. Singh also explained the need of harmony in nature and relationship of mutual fulfillment. The session concluded with question and answer session.

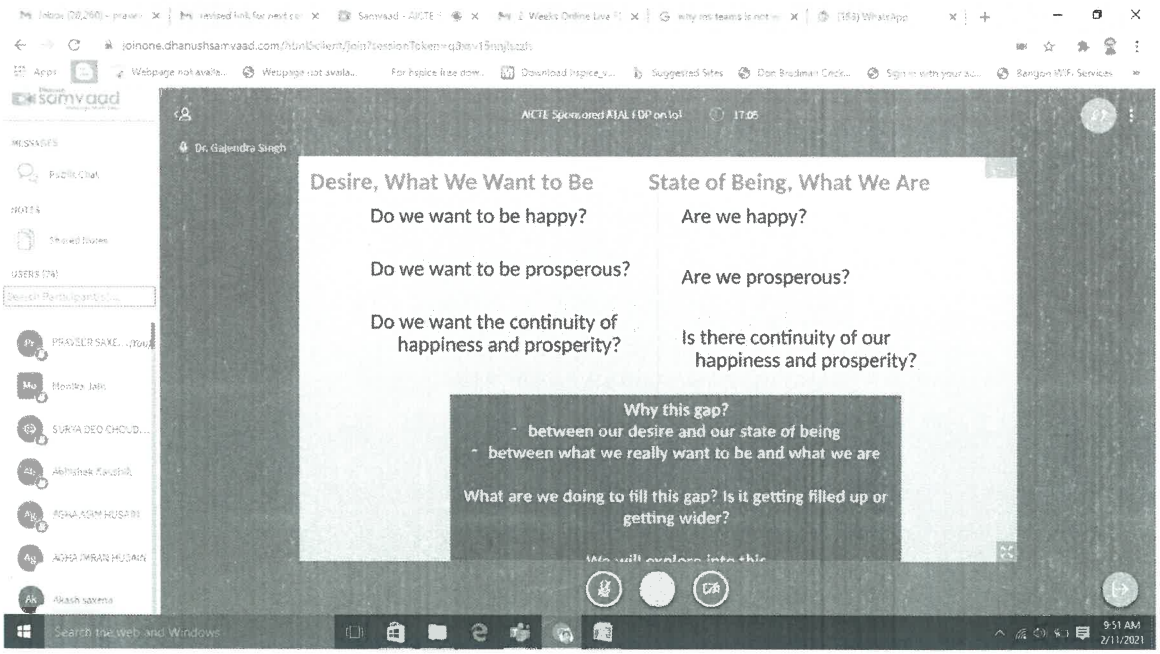
Program Outcome: The participants became aware about the need of value guided skills for development of society and how it can bring the mutual prosperity.

Program attendance: 131 participants attended the session.

The link to the recorded session is given below:

https://join1.samvaad.pro/playback/presentation/2.0/playback.html?meetingId=73737aa874e0eaee1dceaa0a083759926dafd95d-1613015876005





Session 9

Resource Person: Mr. Praveen Kumar, Python Developer, Reviving India, Ghaziabad

Topic: Embedded IOT

Objective: To educate the participants about the embedded IOT

Content:

The session began with introduction to embedded system and role of embedded systems in IOT. Mr. Kumar then explained that the Internet of things is the system of system that means all the electronic device are connected to each other in a local area forming a system. It consists of 3 building Blocks: 1)End Devices or Node 2)Gateways / Local Processing Nodes 3)Connectivity . Mr. Kumar then discussed about various AT commands. AT commands are commands which are used to control the modems where AT stands for Attention. Every wireless as well as the dial up modems require an AT command to interact with a computer machine. IOT basically consists of 2 architechture: 1) H View 2) S View

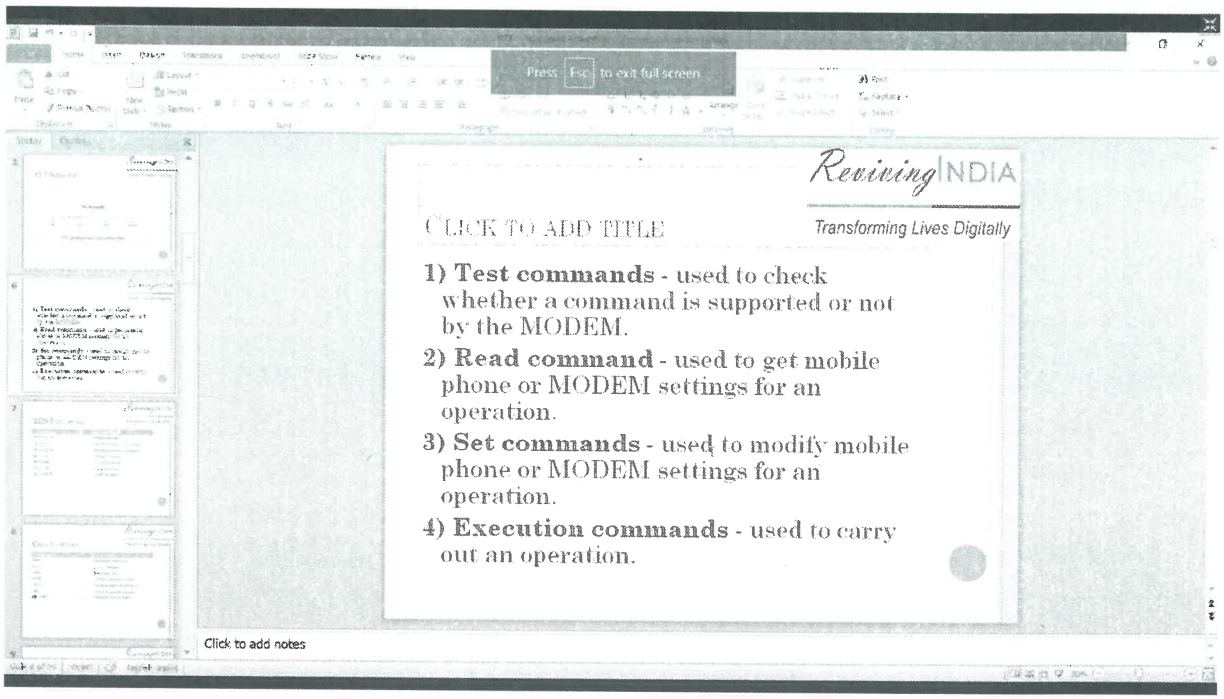
Different IOT projects were discussed and how to configure IOT applications was also discussed with a demo. The session concluded with question and answer session.

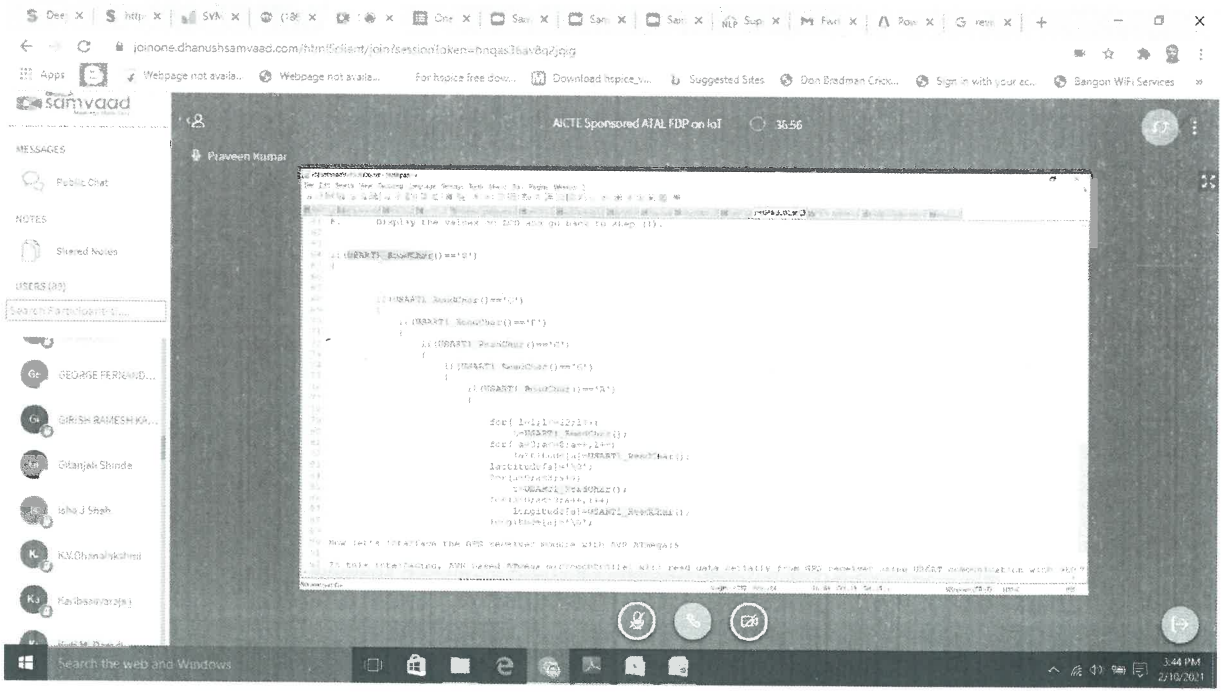
Program Outcome: The participants got the knowledge of different building blocks of an Embedded IOT system and how to configure an IOT application.

Program attendance: 160 participants attended the session.

The link to the recorded session is given below:

https://join1.samvaad.pro/playback/presentation/2.0/playback.html?meetingId=73737aa874e0eaee1dceaa0a083759926dafd95d-1612949434626


Press Esc to exit full screen
Reviving INDIA
Transforming Lives Digitally
CLICK TO ADD TITLE
1) Test commands - used to check whether a command is supported or not by the MODEM.
2) Read command - used to get mobile phone or MODEM settings for an operation.
3) Set commands - used to modify mobile phone or MODEM settings for an operation.
4) Execution commands - used to carry out an operation.
Click to add notes


samvaad
AICTE Sponsored ATAL FDP on IoT
36:56
Praveen Kumar
Search the web and Windows

Session 8

Resource Person: Dr. Lalit Singh, Scientist, NPCIL-BARC, Department of Atomic Energy, Government of India

Topic: Reliability Analysis of Communication protocol for safety critical systems

Objective: To educate the participants how important is the reliability of Communication protocols for the systems where safety is very important.

Content:

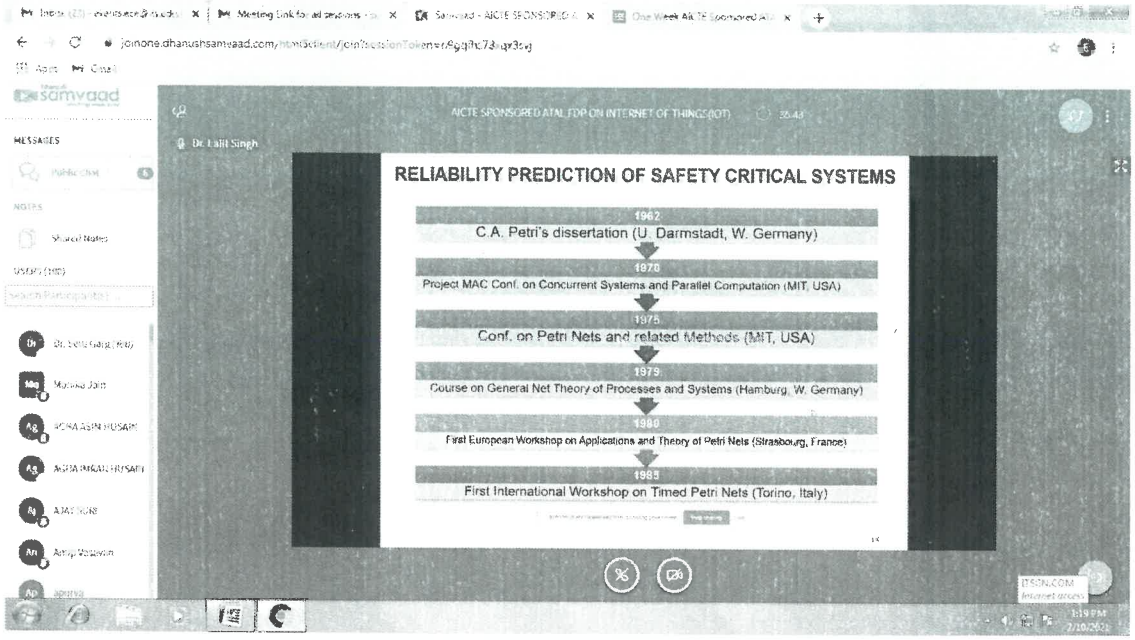
The session began with introduction to the term reliability followed by the reliability analysis. Then Dr. Lalit talked about different communication protocols. Then Dr. Lalit explained the need of reliability analysis for communication protocols and different methods of reliability analysis. The session concluded with question and answer session.

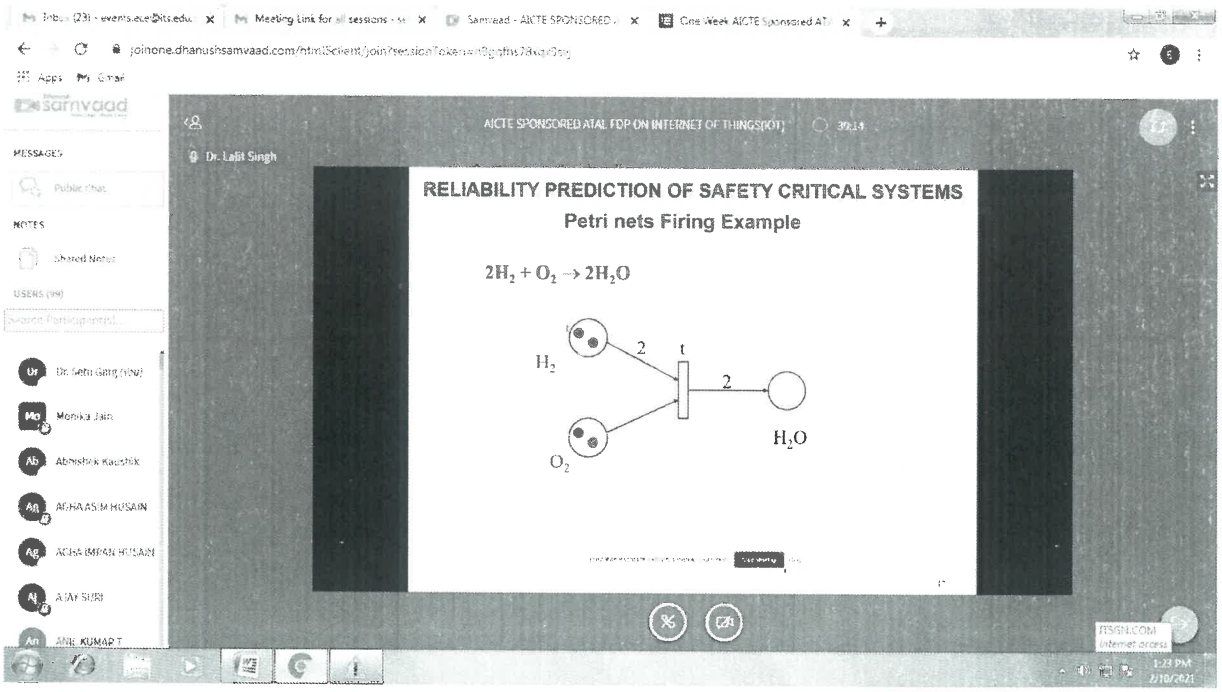
Program Outcome: The participants got an idea why reliability analysis of communication protocols is important and different ways to do reliability analysis.

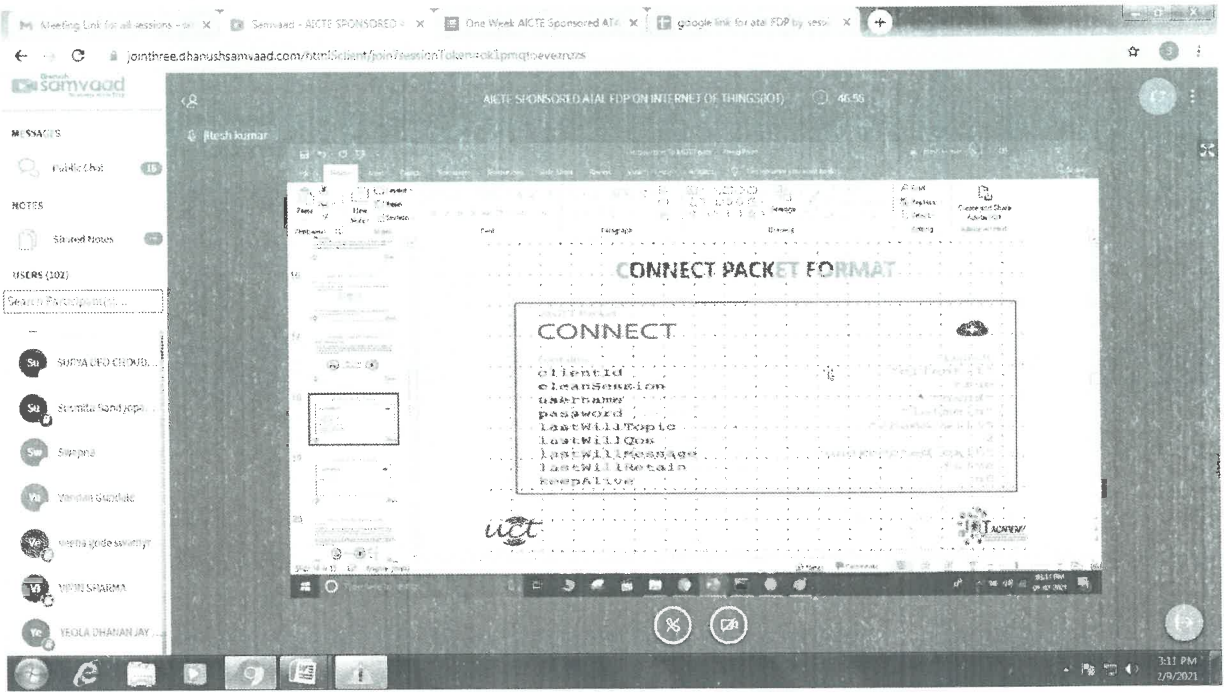
Program attendance: 150 participants attended the session.

The link to the recorded session is given below:

https://join1.samvaad.pro/playback/presentation/2.0/playback.html?meetingId=0fabb6783171f03ccfa677b4f346aebd2193572a-1612941112783


AICTE SPONSORED ATAL FDP ON INTERNET OF THINGS(IOT)
Dr. Lalit Singh
RELIABILITY PREDICTION OF SAFETY CRITICAL SYSTEMS
1962
C.A. Petri's dissertation (U. Darmstadt, W. Germany)
1970
Project MAC Conf. on Concurrent Systems and Parallel Computation (MIT, USA)
1975
Conf. on Petri Nets and related Methods (MIT, USA)
1979
Course on General Net Theory of Processes and Systems (Hamburg, W. Germany)
1980
First European Workshop on Applications and Theory of Petri Nets (Strasbourg, France)
1985
First International Workshop on Timed Petri Nets (Torino, Italy)


AICTE SPONSORED ATAL FDP ON INTERNET OF THINGS(IOT)
Dr. Lalit Singh
RELIABILITY PREDICTION OF SAFETY CRITICAL SYSTEMS
Petri nets Firing Example
$2H_2 + O_2 \rightarrow 2H_2O$
H_2
2
t
2
H_2O
O_2



Day 3 (10/02/2021)

Session 7

Resource Person: Mr. Milan Saxena, CTO & Founder, E-Cosys Consultancy Pvt. Ltd, Delhi

Topic: Low power methodology- Need for IOT

Objective: To educate about the need of low power methodology for IOT applications

Content:

The session began with introduction to different components of power dissipation in a circuit. Then Mr. Saxena explained different sources of power dissipation and why low power dissipation is essential. Mr. Saxena then discussed the different strategies to minimize the power dissipation at different levels of circuit design. Mr. Saxena then explained why power dissipation is a crucial factor in IOT applications. With the rise of the Internet of Things (IoT), embedded designers are, more than ever, focusing their attention and efforts on system energy usage. A prime example is a wireless sensor node—a relatively simple device from a functional point of view that is required to do its job for an extended period (in some cases, years) while powered by a battery. Different ways to

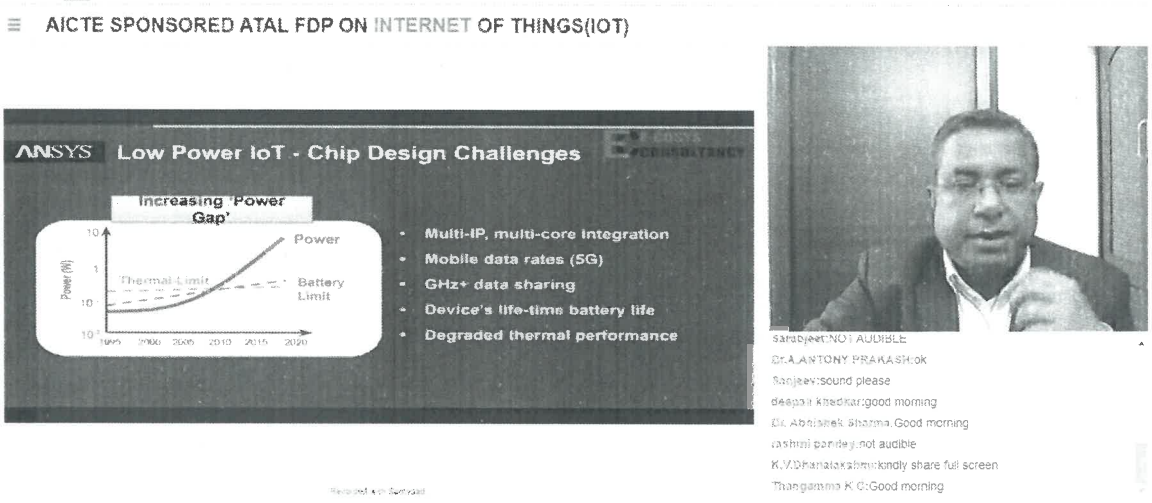
minimize the power dissipation in IOT applications were also discussed. The session concluded with question and answer session.

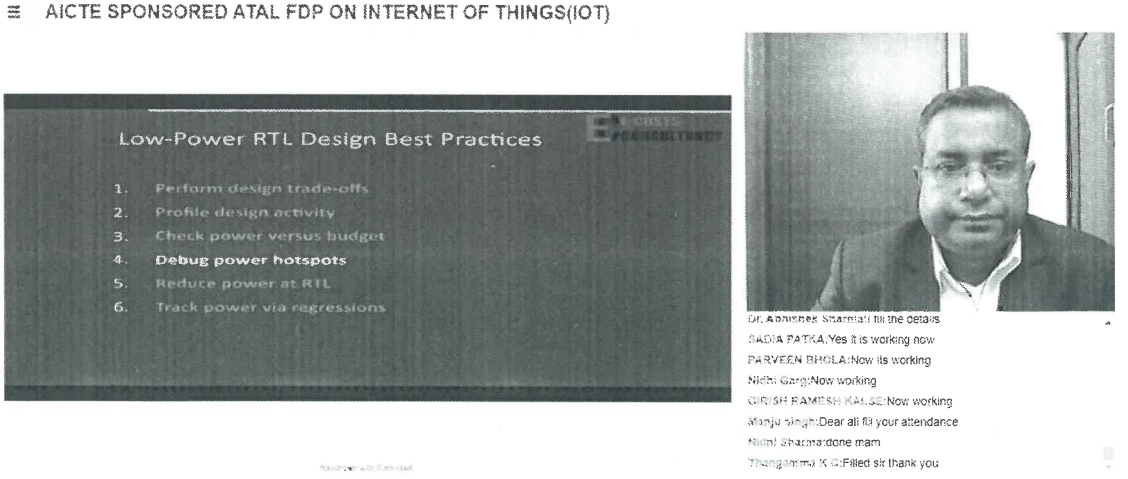
Program Outcome: The participants got the knowledge about the different components of power dissipation, strategies to minimize the power dissipation and how it is important for IOT applications.

Program attendance: 128 participants attended the session.

The link to the recorded session is given below:

https://join1.samvaad.pro/playback/presentation/2.0/playback.html?meetingId=0fabb6783171f03ccfa677b4f346aebd2193572a-1612932315515





Session 6

Resource Person: Mr. Jitesh Kumar, Application Engineer, Uniconverge Technologies, Noida

Topic: MQTT with Node-RED

Objective: The main objective of this webinar was toto learn about the Brain-Computer Interface or BCI, which is a rapidly evolving technology that builds a direct channel between the human brain and the computer.

Content:

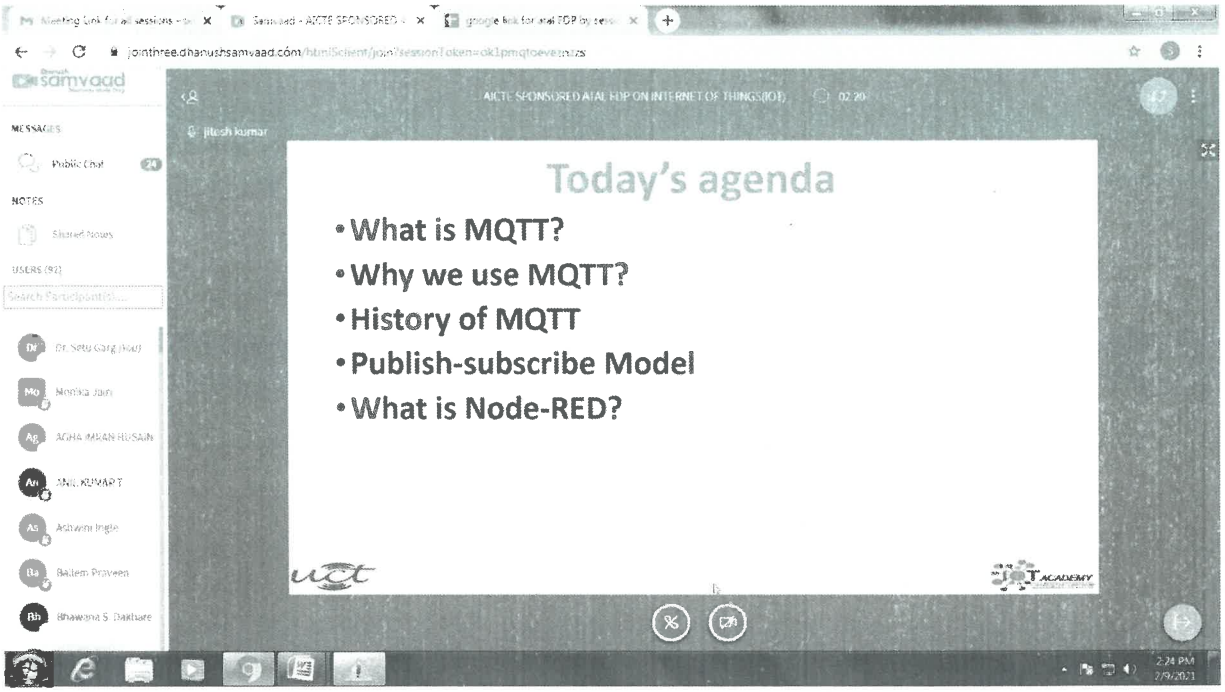
The session began with the introduction of MQTT which is s an OASIS standard messaging protocol for the Internet of Things (IoT). It is designed as an extremely lightweight publish/subscribe messaging transport that is ideal for connecting remote devices with a small code footprint and minimal network bandwidth. MQTT today is used in a wide variety of industries, such as automotive, manufacturing, telecommunications, oil and gas, etc. The Mr. Kathiriya then explained the Node-RED which is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways. It provides a browser-based editor that makes it easy to wire together flows using the wide range of nodes in the palette that can be deployed to its runtime in a single-click. Mr. Kathiriya then explained how to configure Node-RED dashboard. In the end Mr. Jitesh gave a hands on demo by connecting temperature sensor, humidity sensor to NodeMCU and sending data to the Node-RED which is acting as a subscriber where data of temperature and humidity is delivered. Similarly a LED connected to NodeMCU was controlled through Node-RED dashdboard. The session concluded with question and answer session.

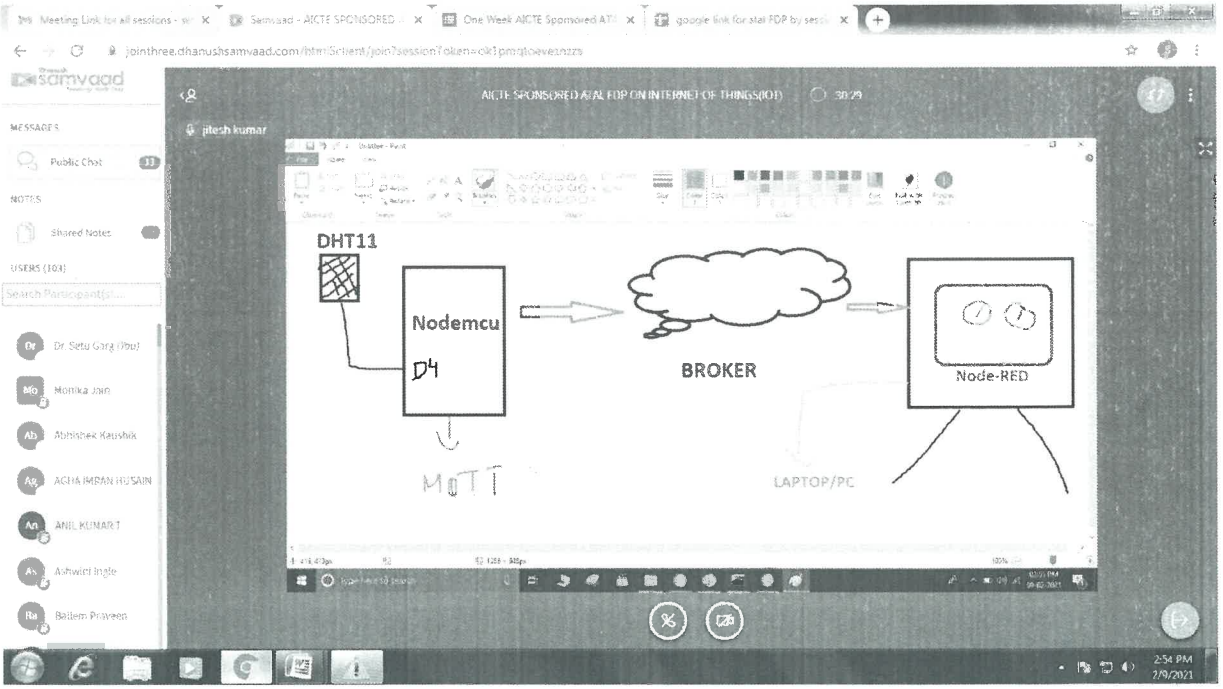
Program Outcome: The participants got the exposure of MQTT and also got an idea how to use Node-Red for IOT applications.

Program attendance: 123 participants attended the session.

The link to the recorded session is given below:

https://join3.samvaad.pro/playback/presentation/2.0/playback.html?meetingId=0fabb6783171f03ccfa677b4f346aebd2193572a-1612859664734


AICTE SPONSORED ATAL FDP ON INTERNET OF THINGS(IOE)
Today's agenda
• What is MQTT?
• Why we use MQTT?
• History of MQTT
• Publish-subscribe Model
• What is Node-RED?


AICTE SPONSORED ATAL FDP ON INTERNET OF THINGS(IOE)
DHT11
Nodemcu
D4
BROKER
Node-RED
MQTT
LAPTOP/PC

Day 2 (09/02/2021)

Session 4

Resource Person: Mr. Abhishek Nair, Exemplary Mentor, NITI Aayog, Govt. of India

Principle Design Engineer, Rapid Code Technologies, Aligarh

Topic: Industrial IOT

Objective: To give about insights about Industrial IOT and how it is revolutionize our society.

Content:

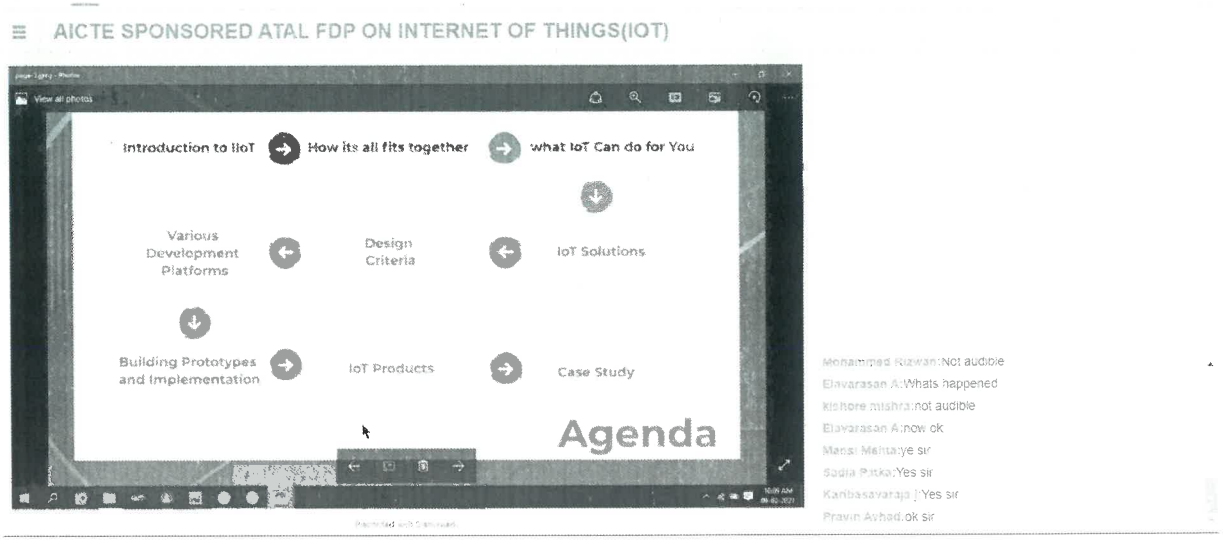
The session began with introduction to IOT and what is industrial IOT followed by various applications of industrial IOT. Then Mr. Nair explained how different components of IOT systems are fitted together and what IOT can do for us. Then different development platforms were explained followed by design criteria and IOT solutions. Mr. Nair explained how to build prototypes and their implementation and later talked about different IOT products. Mr. Nair also explained how to use IBM Watson for IOT applications and at last he took up a case study of "Shenzhen China star optoelectronics Technology Co. Ltd. The session concluded with question and answer session.

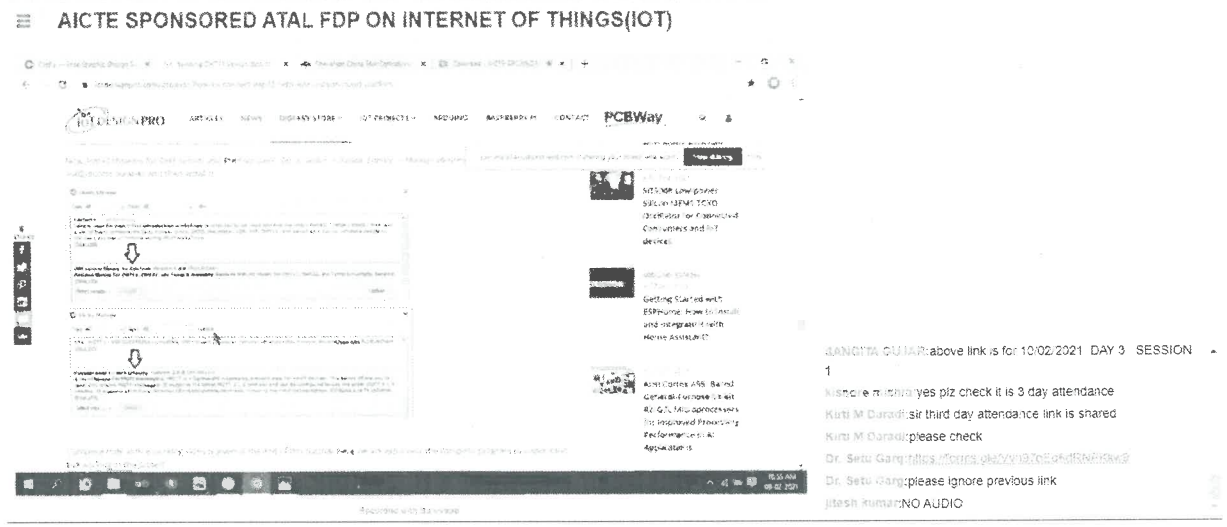
Program Outcome: The participants got the knowledge about the different components of Industrial IOT and different applications of IIOT.

Program attendance: 109 participants attended the session.

The link to the recorded session is given below:

https://join1.samvaad.pro/playback/presentation/2.0/playback.html?meetingId=0fabb6783171f03ccfa677b4f346aebd2193572a-1612844103093





Session 5

Resource Person:

Mr. Avkash Kathiriya, Vice President, Research & Innovation, Cyware lab USA, Bangalore

Topic: Cyber Security Tales from Defenders Perspective

Objective: To give insights about the cyber security that needs to be taken care while designing an IOT System.

Content:

The session started with introduction to different cyber security risks due to availability of internet to almost everyone. Then Mr. Avkash explained what the different IOT threats are. Threats are available almost everywhere I .e Laptops, alexa, CCTV camera'etc. Even smart cities and smart buildings are more prone to have security issues. Then different terms and challenges related to cyber security were explained. Different kind of active and passive attacks were explained. In the last Mr. Avkash then discussed different strategies to deal with the cyber attacks. The session concluded with question and answer session.

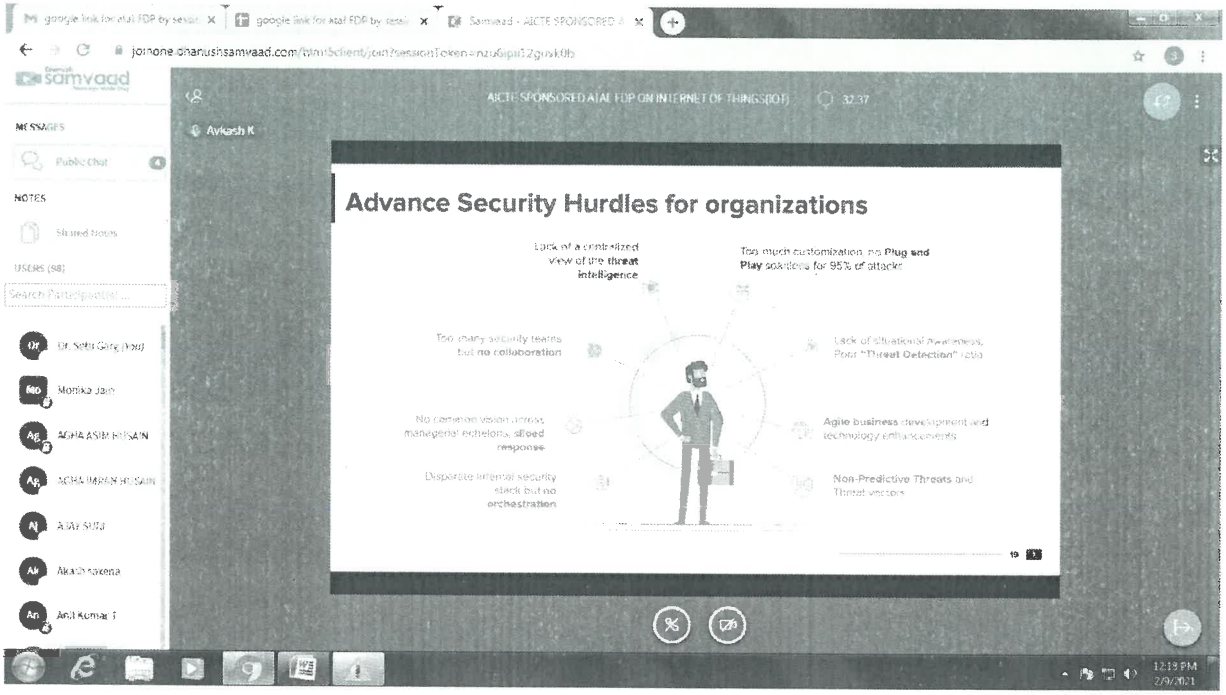
Program Outcome:

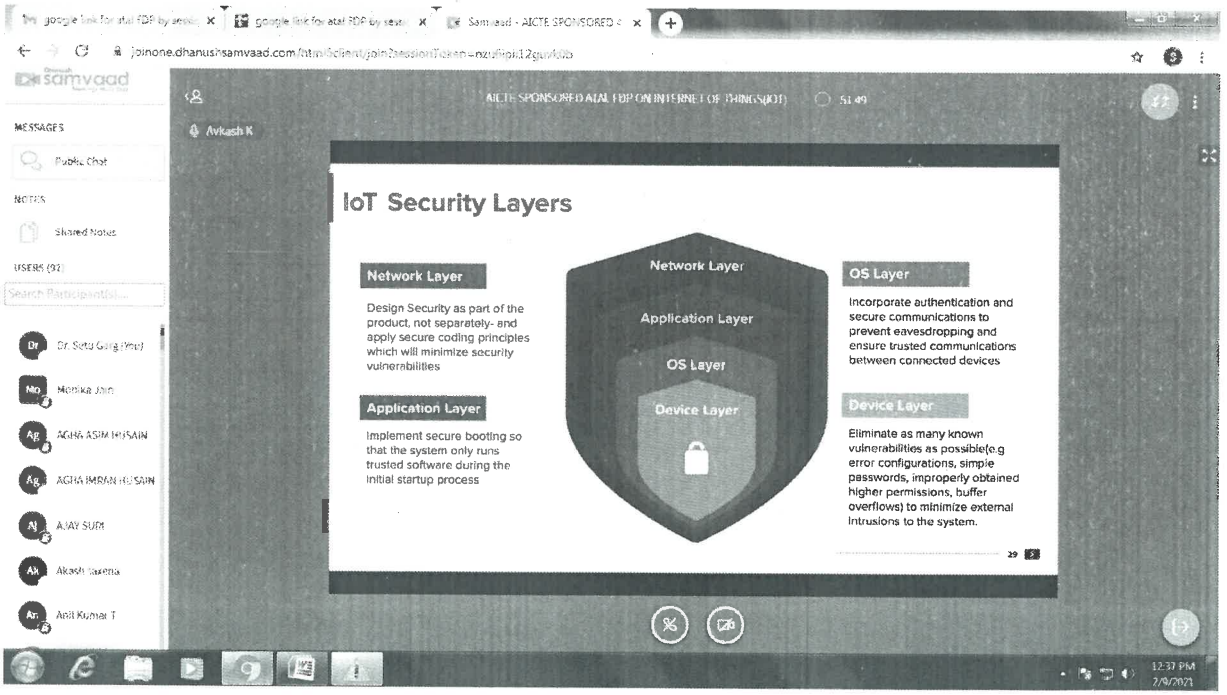
The participants got aware about different cyber security aspects while designing an IOT system.

Program attendance: 119 participants attended the session.

The link to the recorded session is given below:

https://join1.samvaad.pro/playback/presentation/2.0/playback.html?meetingId=0fabb6783171f03ccfa677b4f346aebd2193572a-1612850394714


AICTE SPONSORED ATAL FDP ON INTERNET OF THINGS(IOT)
Avkash K
Advance Security Hurdles for organizations
Lack of a centralized view of the threat intelligence
Too much customization, no Plug and Play solutions for 95% of attacks
Too many security teams but no collaboration
Lack of situational awareness, Poor "Threat Detection" rate
No common vision across managerial echelons, siloed response
Agile business development led technology enhancements
Disparate internal security stack but no orchestration
Non-Predictive Threats and Threat vectors
19


AICTE SPONSORED ATAL FDP ON INTERNET OF THINGS(IOT)
Avkash K
IoT Security Layers
Network Layer
Design Security as part of the product, not separately- and apply secure coding principles which will minimize security vulnerabilities
Application Layer
Implement secure booting so that the system only runs trusted software during the initial startup process
Network Layer
Application Layer
OS Layer
Device Layer
OS Layer
Incorporate authentication and secure communications to prevent eavesdropping and ensure trusted communications between connected devices
Device Layer
Eliminate as many known vulnerabilities as possible(e.g error configurations, simple passwords, improperly obtained higher permissions, buffer overflows) to minimize external intrusions to the system.
29

Session 3

Resource Person: Mr. Rohit Prajapati (Chief Technical Officer, Digitoad Technologies, Bangalore)

Topic: Edge AI for IoT Applications

Objective: To educate the faculty members about role of AI in IOT Applications

Content: The session began with examples of few IOT applications. Then Mr. Prajapati explained different Building blocks of IOT: IOT nodes which generate data normally designed with embedded computers along with sensors, IOT gateway which provides access to the internet and Cloud services where we can do data storage, visualization and data analysis. Then Mr. Prajapati explained each building block in detailed followed by Sensors Intelligence, AI for IOT applications, limitations of cloud based AI, different phases in Machine Learning, scope and opportunities, Then Mr. Prajapati explained Embedded AI Project flow which consists of hardware selection, sensors integration, software development followed by testing & deployment and in the last Mr. Prajapati gave a hands on demo on an embedded AI project. The session concluded with question and answer session.

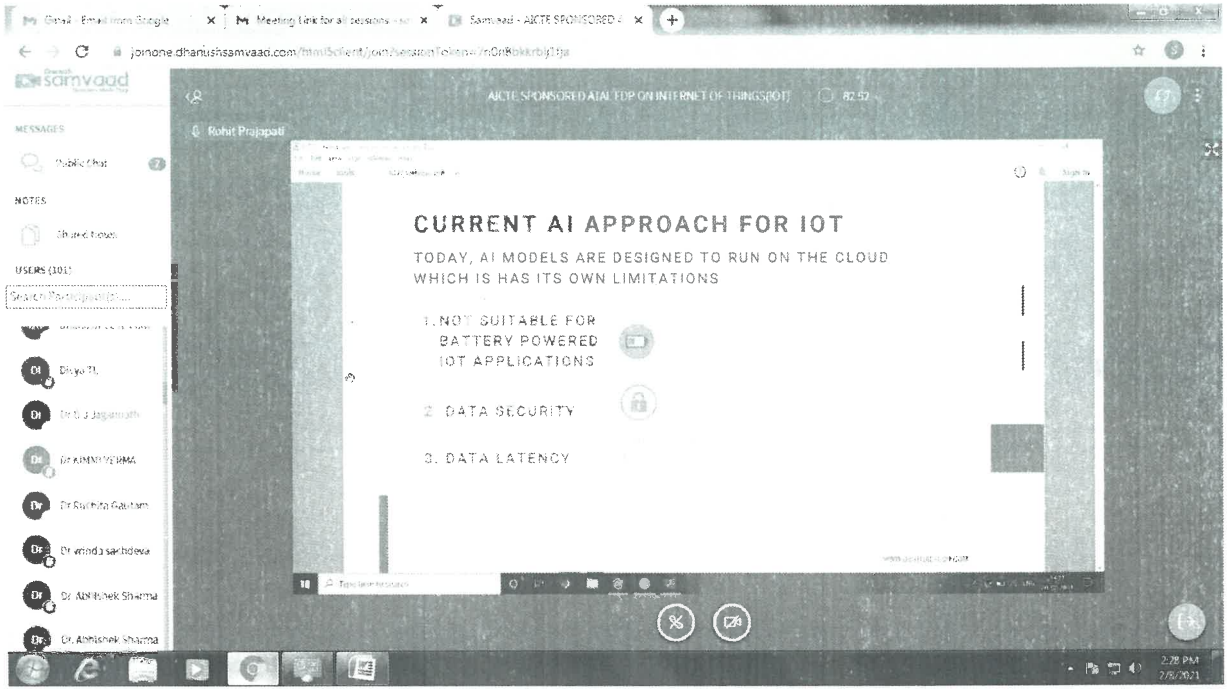
Program Outcome:

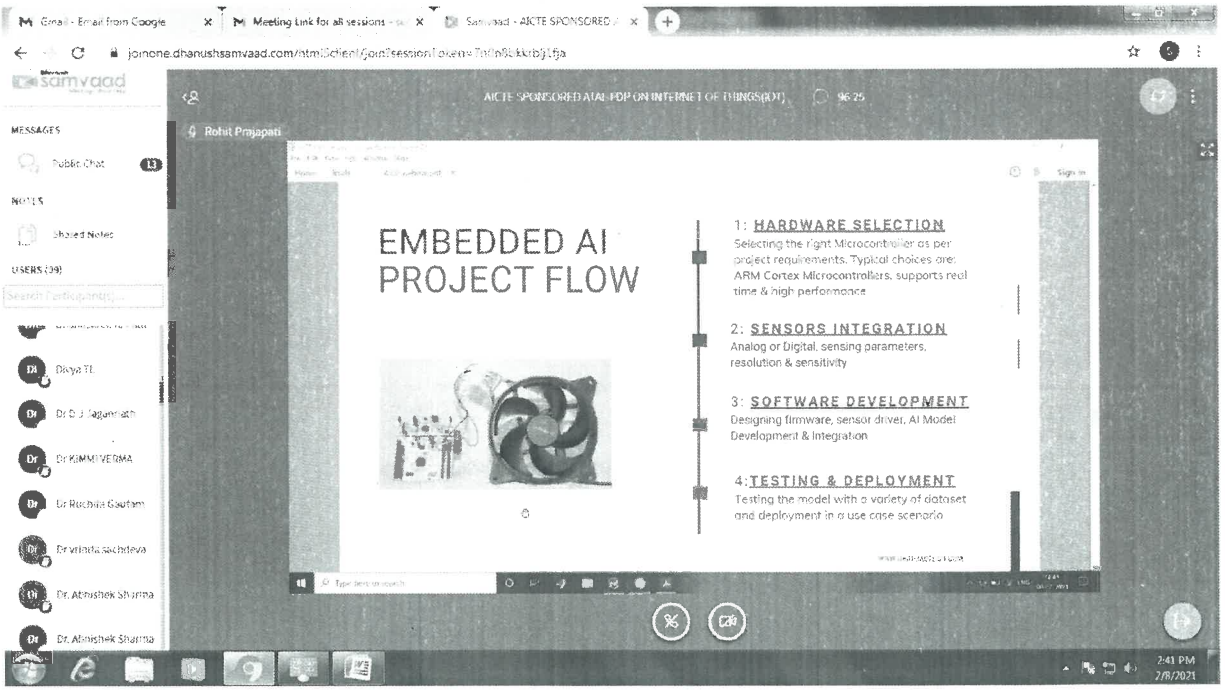
The participants got an idea about the role of AI in IOT applications

Program attendance: 131 participants attended the session.

The link to the recorded session is given below:

https://join1.samvaad.pro/playback/presentation/2.0/playback.html?meetingId=0fabb6783171f03ccfa677b4f346aebd2193572a-1612765380529


AICTE SPONSORED ATAL FDP ON INTERNET OF THINGS(IOT)
Rohit Prajapati
CURRENT AI APPROACH FOR IOT
TODAY, AI MODELS ARE DESIGNED TO RUN ON THE CLOUD WHICH IS HAS ITS OWN LIMITATIONS
1. NOT SUITABLE FOR BATTERY POWERED IOT APPLICATIONS
2. DATA SECURITY
3. DATA LATENCY


AICTE SPONSORED ATAL FDP ON INTERNET OF THINGS(IOT)
Rohit Prajapati
EMBEDDED AI PROJECT FLOW
1: HARDWARE SELECTION
Selecting the right Microcontroller as per project requirements. Typical choices are: ARM Cortex Microcontrollers, supports real time & high performance
2: SENSORS INTEGRATION
Analog or Digital, sensing parameters, resolution & sensitivity
3: SOFTWARE DEVELOPMENT
Designing firmware, sensor driver, AI Model Development & Integration
4:TESTING & DEPLOYMENT
Testing the model with a variety of dataset and deployment in a use case scenario

Session 2

Resource Person: Dr. Tapan K Gandhi (SMIEEE, FIETE, Associate Professor, Deptt. of Electrical Engg., IIT Delhi).

Topic: Cognitive Inspired IOT

Objective: To educate faculty members about Cognitive Intelligence and Cognitive Inspired IOT

Content: The session began with the introduction to IOT and why it is gaining so much popularity. Then Dr. Gandhi explained the role of human being in the loop of cyber physical systems. Dr. Gandhi then talked about artificial intelligence and its different applications followed by concepts of cognitive computing and its applications. Dr. Gandhi then explained how IOT and Cognitive intelligence is making our life easier followed by how to apply human intelligence to the machines. Dr. Gandhi also took a case study which involved major causes of childhood blindness in India and how to deal with it use it using cognitive computing to understand the things better. Then session concluded with question and answer session.

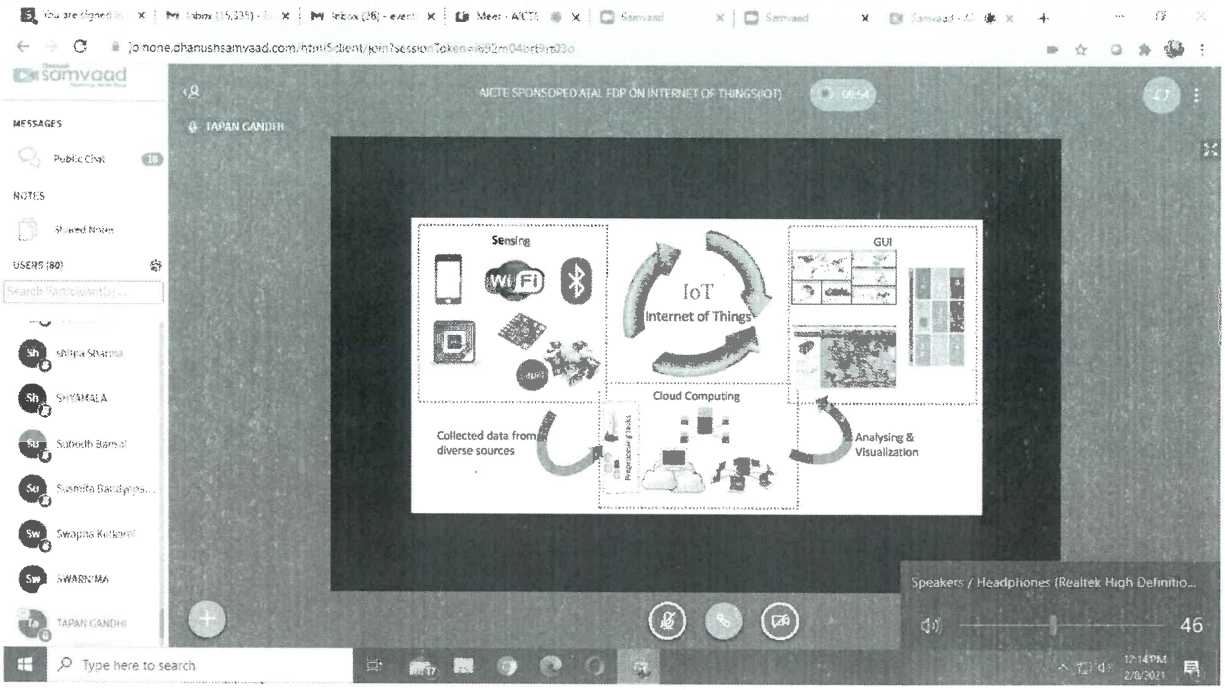
Program Outcome:

Participants gained information about cognitive intelligence and cognitive inspired IOT.

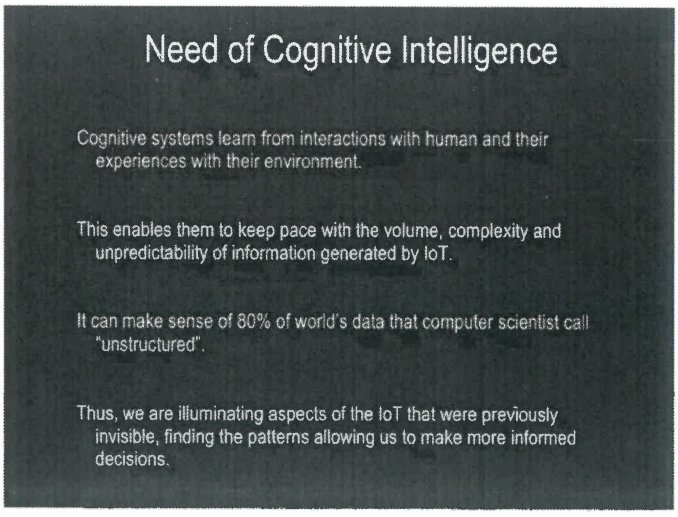
Program attendance: 137 participants attended the session.

The link to the recorded session is given below:

https://join1.samvaad.pro/playback/presentation/2.0/playback.html?meetingId=0fabb6783171f03ccfa677b4f346aebd2193572a-1612765380529



≡ AICTE SPONSORED ATAL FDP ON INTERNET OF THINGS(IOT)



Subodh Bansal:audible sir
rashmi pandey:not audible
Kirti Mahendra Darad:not audible
Kirti Mahendra Darad:from where to give permission
Dr. Garima Chandel:click on orange call button near camera, for those who are not able to listen
rashmi pandey:audible
MCB Munjal:Not audible pl

Sessions:

Day 1 (08/02/2021)

Session 1

Resource Person:

Dr. Manoj Kumar (Director- System Research & Applications, STMicroelectronics, Noida)

Topic: IOT: Building Blocks and Applications

Event Objective: To educate faculty members on the Topic "Building blocks of IOT and different applications of IOT".

Content: The session began with the introduction to STMicroelectronics and their strategies for community support. Then Dr. Manoj explained the different building blocks of an IOT System and working of each block. Then Dr. Manoj explained how to integrate different building blocks of IOT. Different IOT projects and applications were also discussed and the future scope was also presented. Then Dr. Manoj how and why STMicroelectronics is successfully delivering products needed for building an IOT systems. Then session concluded with question and answer session.

Program Outcome:

Participants gained knowledge about the building blocks of an IOT system and also get an idea how to involve IOT in their projects and research work.

Program attendance: 135 participants attended the session.

The link to the recorded session is given below:

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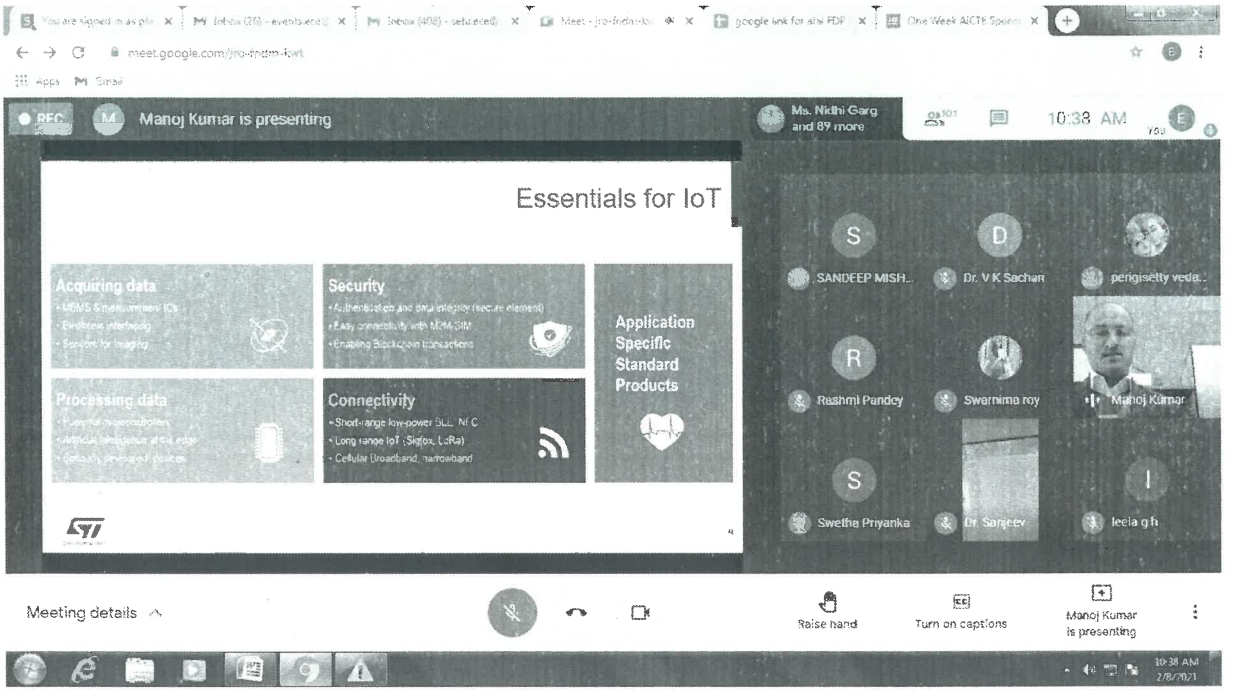
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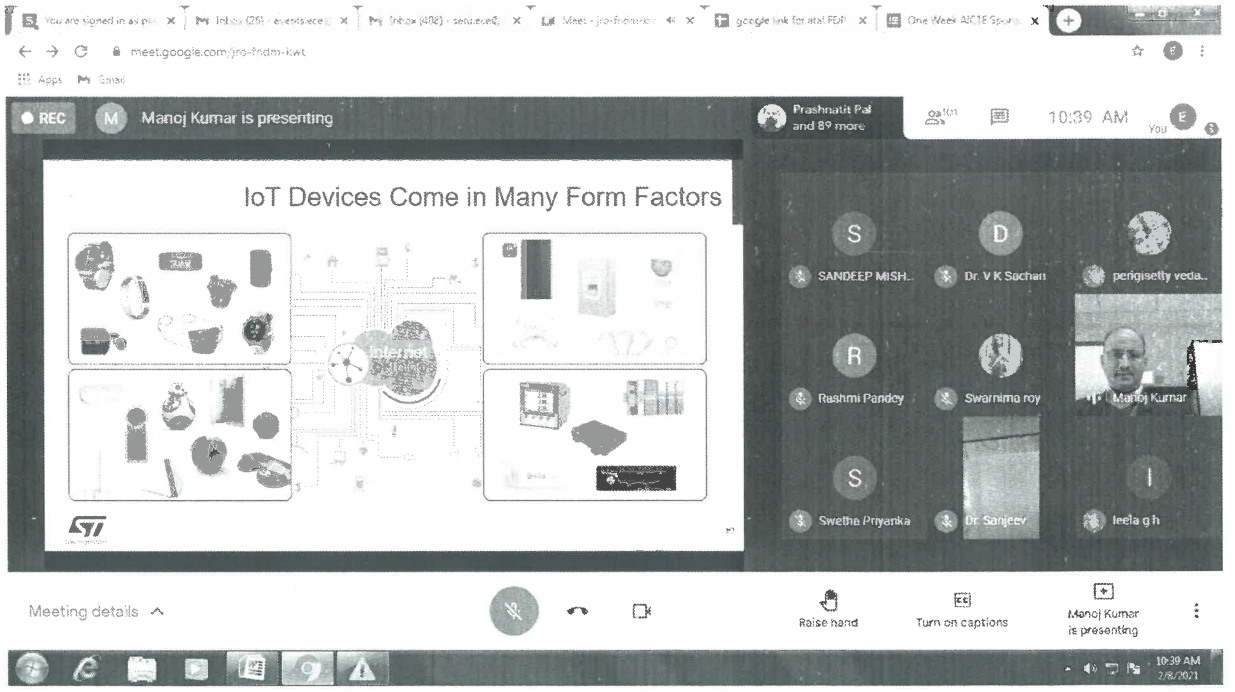
REC
Manoj Kumar is presenting
Ms. Nidhi Garg and 89 more
10:38 AM
You
Essentials for IoT
Acquiring data
Security
Application Specific Standard Products
Processing data
Connectivity
SANDEEP MISH..
Dr. V K Sachan
perigisetty veda..
Rashmi Pandey
Swarnima roy
Manoj Kumar
Swetha Priyanka
Dr. Sanjeev
leela g h
Meeting details
Raise hand
Turn on captions
Manoj Kumar is presenting


meet.google.com/jno-fndm-kwt
REC
Manoj Kumar is presenting
Prashnatit Pal and 89 more
10:39 AM
You
IoT Devices Come in Many Form Factors
SANDEEP MISH..
Dr. V K Sachan
perigisetty veda..
Rashmi Pandey
Swarnima roy
Manoj Kumar
Swetha Priyanka
Dr. Sanjeev
leela g h
Meeting details
Raise hand
Turn on captions
Manoj Kumar is presenting

FDP Summary Report

Name of Event: One Week AICTE sponsored ATAL FDP on Internet of Things (IOT)

Date of Event: Feb 08 – Feb 12, 2021

Organized by: Electronics and Communication Engineering Department

Event Coordinator: Dr. Monika Jain

Objective of the Programme:

- To educate faculty members on the Topic "Internet of Things".
- To aware about the research innovations and challenges in the field of "Internet of Things".
- To aware how industry is approaching towards Internet of Things applications.
- To aware cyber security aspects while designing an IoT application.

Report

Inaugural Session:

Date: 08/02/2021

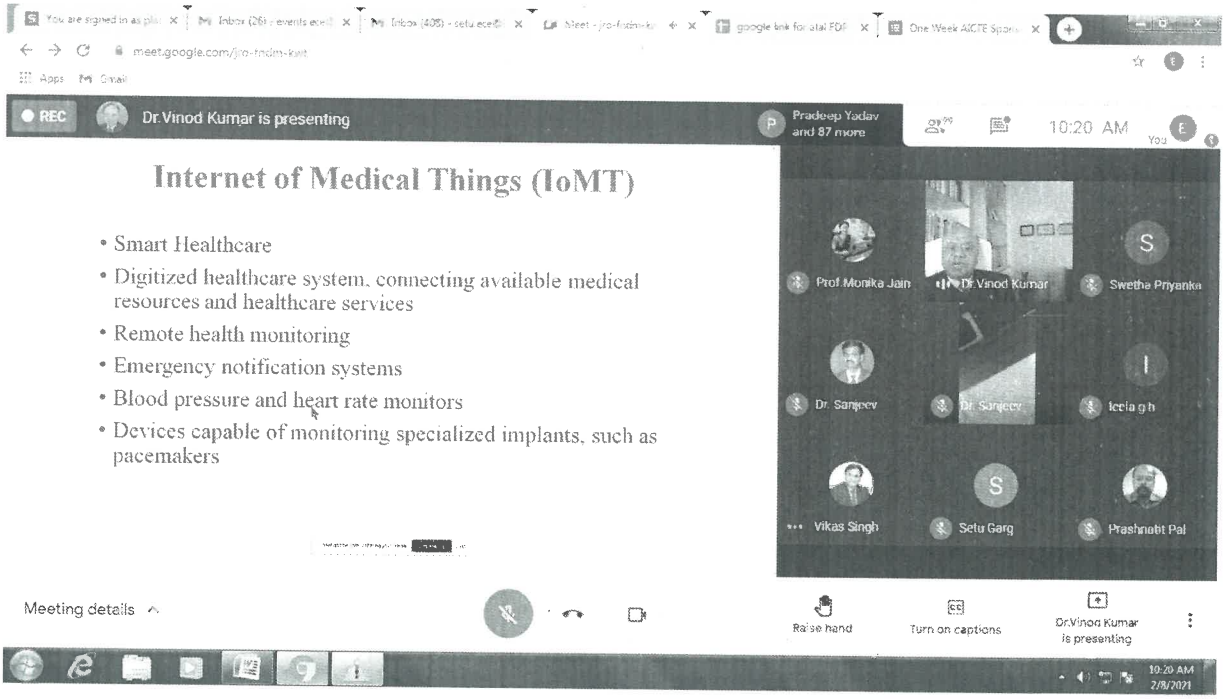
The I.T.S Engineering successfully inaugurated 1 week ATAL Faculty Development Programmes (FDP) sponsored by AICTE on Feb 08, 2021. The I.T.S Engineering College is one of the few engineering college in Uttar Pradesh which has been selected by the AICTE to organize these FDPs in the current academic session. The college has the legacy of creating facilities and environment to prepare faculty members and students for new challenges. The inaugural of this programme has further strengthened this initiative. The basic objectives of the programme are to give insights of an emerging field of Internet of Things and to foster a better environment for Research and Innovation in the Academic Institutions.

The ceremony was marked by the online presence of Executive Director of the Institute and, Dr. Monika Jain, HOD of Electronics & Communication Department, distinguished speakers, Dr. Vinod Kumar (Vice-Chancellor-JUIT Solan), faculty members of the parent institute and faculty participants from other reputed engineering colleges also graced the

inaugural session. The session began with the welcome speech by Dr. Monika Jain. She informed the gathering about the various initiatives taken by the college to enhance the quality of engineering education and relevance of FDP in the present context. She expressed thanks to the AICTE on behalf of the college for providing this rare opportunity.

Institute Executive Director, Dr. Vikas Singh addressed the audience emphasizing the need to have such academic events in the college. He elaborated that such events not only encourages the faculty members to maintain their intellectual curiosity but also helps them in adapting to the changing roles in initiating and setting the directions for curricular changes.

Chief Guest, Dr. Vinod Kumar also addressed the audience and emphasized on the need of internet of things and how it is changing our life style. He also emphasized the need of continuous knowledge enhancement.



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Name of Event
LabVIEW Training Program for CLAD.

Date of Event:
8th – 22nd March 2021

Organized by: ECE Department at NI Innovation Center.

Event Coordinator: Mr. Nitesh Pradhan,
Objective: Training Program for CLAD Preparation.

Report:

The Department of Electronics and Communication Engineering of I.T.S Engineering College, Greater Noida, organizedLabVIEW Training Program for CLAD Preparation. This Workshop was coordinated and conducted by Mr. Nitesh Pradhan Coordinator of NI Innovation Center from8th – 22nd March 2021. The program was based on LabVIEWCore 1 and Core 2.

No. of Students attended: 15

Outcomes:

- Student learns about Graphical Programming
- Now student able to design their basic program using data type.
- Student able store data in hardware
- Student can give CLAD Exam.

Coordinators
(Nitesh Pradhan)

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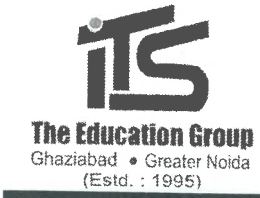
Program Outline

S.No	Topic 9.10 AM- 01:10PM		Topic 2.00 PM- 4.50 PM
1	Introduction of LabVIEW		Numeric and Boolean data type
2	String,		dynamic data type
3	Array		Loops
4	Loops		Case and Enum
5	File I/O		SUB VI
6	Hardware Resources		Hardware Resources
7	Event		Programming
8	Variables		Programming
9	Queue and Notifiers		Storage
10	SMA		CLAD Question
11	CLAD Question		CLAD Question
12	CLAD Question		CLAD Question
13	CLAD Question		CLAD Question



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S. NO	ROLL NO	NAME OF STUDENT
1	1822231001	ABHAY
2	1822231003	AKANKSHA MISHRA
3	1822231007	ANKIT GUPTA
4	1822231012	APOORVA OJHA
5	1822231019	JANVI TOMAR
6	1822231026	NAMAN GARG
7	1822231029	NIKITA PANDEY
8	1822231033	OM GUPTA
9	1822231034	PRABHAKAR
10	1822231042	RAVINDRA SINGH
11	1822231043	RISHAV KUMAR
12	1822231056	TANMAY SRIVASTAVA
13	1822231057	TUSHAR VERMA
14	1822231058	UDAY SHARMA
15	1822231061	VISHAL KUMAR BAITHA

Sandeep Kumar	ITS Engineering College	
Vivek Kumar Soni	PSIT, Kanpur	9425372909
Apurva	Its college	7973222328
FARHAN AZIZ	BSACET, MATHURA, UP	9084302814
RAHUL BANSAL	Ajay Kumar Garg Engineering College Ghaziabad	9540846972
Deepak Pandey	PSIT Kanpur	8896888139
Sarthak Upreti	Maharaja Surajmal Institute of Technology	9625955643
Kousik Midya	Ajay Kumar Garg Engineering College	9599442978
Navneet Kumar	I.T.S Engineering College, Greater Noida	9871005173
Isha Bhatia	Maharaja Surajmal Institute Of Technology	9315130565
Rafeeda Siddiqui	Zakir Hussain College of Engineering & Technology	8650566134
ruchi	its engg. college	9999648186
Dr. Garima Chandel	ITSEC	7906310511
Manju Singh	ITS engineering college	9999450374
Jasminder Kaur Sandhu	Chitkara University	7508003966
Sultan Ahmad	Department. of CSE, Glocal University, Saharanpur (U.P)	+919661340744
Lalita Chaudhary	ITS engineering college	9953872156
Nirmala Kumari	Delhi Technological University	7289042933

EVENT REPORT

Name of Event: " 5 Days Multisim Training program for circuit design"
Date of Event: 19 to 23 April 21
Time:04:30 to 06:00PM
Organized by: Electronics & Communication Engineering Department,
ITS Engineering College, Greater Noida
Event Coordinator: Mr. Nitesh Pradhan COE Trainer
Coordinator: Mr. Prabhakar Sharma

Trainer: Mr. Nitesh Pradhan Trainer & Coordinator NI-COE

Objective: The main objective of this program was to train our students on NI MULTISIM Program for circuit Design.

Report:

From 19th to 23rd April 2, ECE Department, ITS Engineering College organized **" 5 Days Multisim Training program for circuit design".** The session was delivered by NI Certified Trainer Mr. Nitesh Pradhan. ITS Engineering College, On the First day of this program Director- Dr. B.C. Sharma, introduce NI COE and informed the benefits of circuit designing in electronic industries. Director Sir was welcomed by HOD ECE- Prof. Monika Jain.

During 5-days of this training program, various topics, concepts and projects was successfully delivered to our students. On the last day faculty coordinator Mr. Prabhakar Sharma given vote of thanks and discuss various opportunities and learnings of training program.

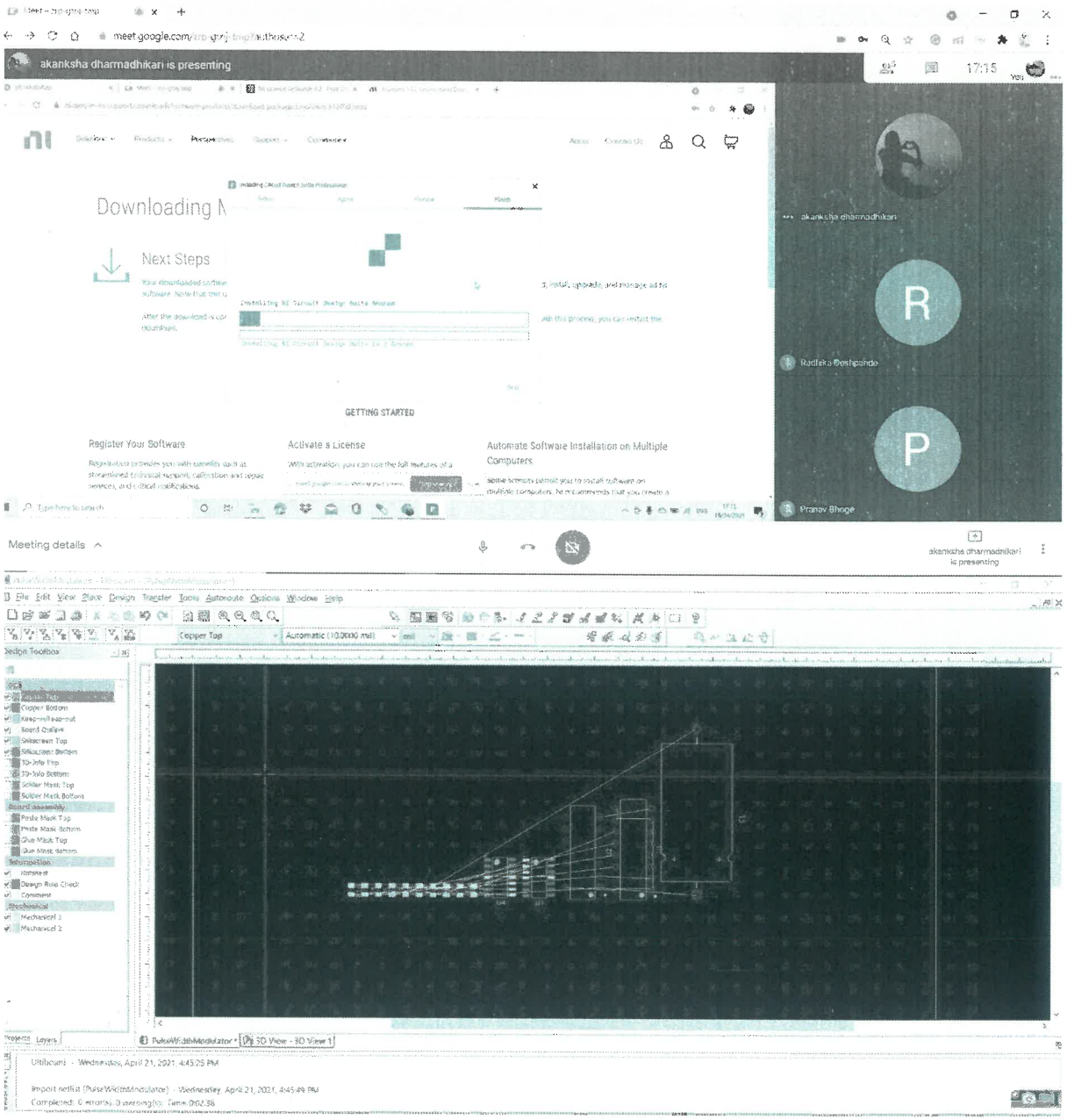
In this training program following topic were addressed:

- Software Installation
- MULTISIM Environment
- Analog Circuit design
- Digital Circuit design
- MCU 8051
- Virtual project

Program Outcome:

1. Learn LabVIEW installation and circuit design by using MULTISIM.
2. Completed one project on MULTISIM.
3. Understand the requirements of MULTISIM in circuit designing.
4. Understand the opportunities in circuit designing.

Program attendance: All ECE students and faculty members attended this webinar.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akanksha dharmadhikari is presenting
17:15
Downloading N
Next Steps
GETTING STARTED
Register Your Software
Activate a License
Automate Software Installation on Multiple Computers
akanksha dharmadhikari
R
Radheka Deshpande
P
Pranav Bhoge
Meeting details
akanksha dharmadhikari is presenting
File Edit View Place Design Tracker Tools Automate Options Window Help
Design Toolbox
Copper Top
Copper Bottom
Board Outline
Silkscreen Top
Silkscreen Bottom
Solder Mask Top
Solder Mask Bottom
Paste Mask Top
Paste Mask Bottom
Glue Mask Top
Design Rule Check
Comment
Mechanical 1
Mechanical 2
Layers
3D View - 3D View 1
Messages
Import netlist (PulseWidthModulator) - Wednesday, April 21, 2021, 4:45:49 PM

Multisim Training Program for Circuit Design

Held from 19 to 23 April 2021 at 4.30.00 PM - 6.00 PM,

IEEE Student Branch UP ITS CGN

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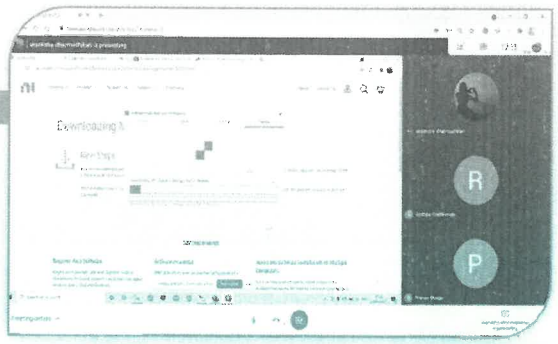
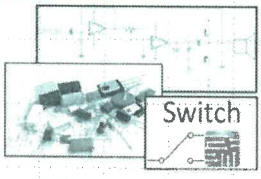


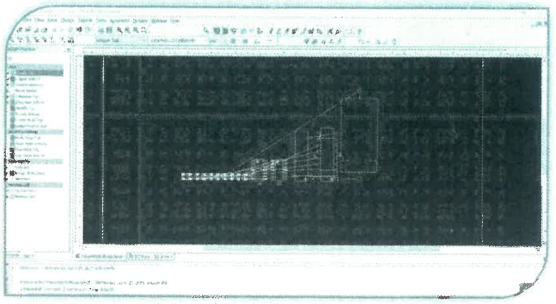
Date	Timing	Mode
19 - 23 April 2021	4.30 – 6.00 PM	Google meet



- 2nd Year Students Of ECE, EEE Dept.
- Student should have there own laptop .

Objectives of Program

- How to design and analysis Electronic Circuits?
- This course will cover Analog Digital & Microelectronic
- This course will learn about Electronic Measuring tools.
- This course will learn design prototype and testing.
- Successful candidate will be provided a certificate of participation.



Coordinator
Mr. Prabhakar Sharma
AP, ECE ITSEGCGN

100% helpful for GATE preparation

Trainer
Mr. Nitesh Pradhan
Trainer NI COE

Conducted by
Department of Electronics and communication Engineering
ITS Engineering College Greater Noida Uttar Pradesh, India.

Work Report

Name of Event: Industrial Visit
Date of Event: 16/04/2021
Organized by: MBA Department
Event Coordinator: Mr. Sachin Sinha
Mode: Virtual tour

Objective: The purpose of the visit was to enlighten the students of MBA Department, ITS EC about the production techniques, Distribution network, Quality control, product line, ingredients used in a plant/industry with special reference to Yakult Danone India Pvt. Ltd.

Report:

The virtual visit began with a very whelming welcome from Mr. Tushar Kumar, Public Relation Manager at Yakult Danone India Pvt. Ltd. He firstly explained the development of concept behind Yakult by Dr. Minoru Shirota. Then, he took the students on the virtual industrial visit tour of plant through a video. He also told some great facts about the bacteria that are being used in Yakult Drink. He also mentioned the production capacity of Yakult is 1 Million bottles per day.

The factory is spread over 8 acres and out of this more than 30% area is the green belt area. Total factory is designed as per international standards and special care was taken while designing to maintain the highest level of hygiene standards and deliver the best quality product to its consumers. The process of making Yakult is completely automated and there is no human touch at any point of time.

During this virtual visit, the students were made well versed with the functioning of the plant. Future Managers observed the production operations minutely and have made query related to operational functions and its efficiency while viewing the plant virtually.

The presentation was followed by a brief question-answer round headed by **Mr. Tushar, Public Relation Manager.**

Yakult, a probiotic drink was launched in India in 2008, and is presently available in Delhi, NCR, Chandigarh, Punjab, Jaipur, Lucknow, Kanpur, Mumbai, Pune and Bangaluru, Hyderabad, Ahmedabad and Kolkata.

At the end, he gave some time to the students for the query session and asked them to give a feedback. Overall, it was a learning experience for the students and they enjoyed it whole-heartedly.

Program Outcome:

- Students were acquainted with the manufacturing process, key components used in an industry with special reference to Yakult Danone India Pvt. Ltd.
- Students understood the advantage and disadvantage of non automated system.

- Students learnt how Yakult helps improve digestion and helps build immunity.
- Students understood uses of probiotics and antibiotics.
- Students also learnt coordination, team spirit, raising queries with fun etc.

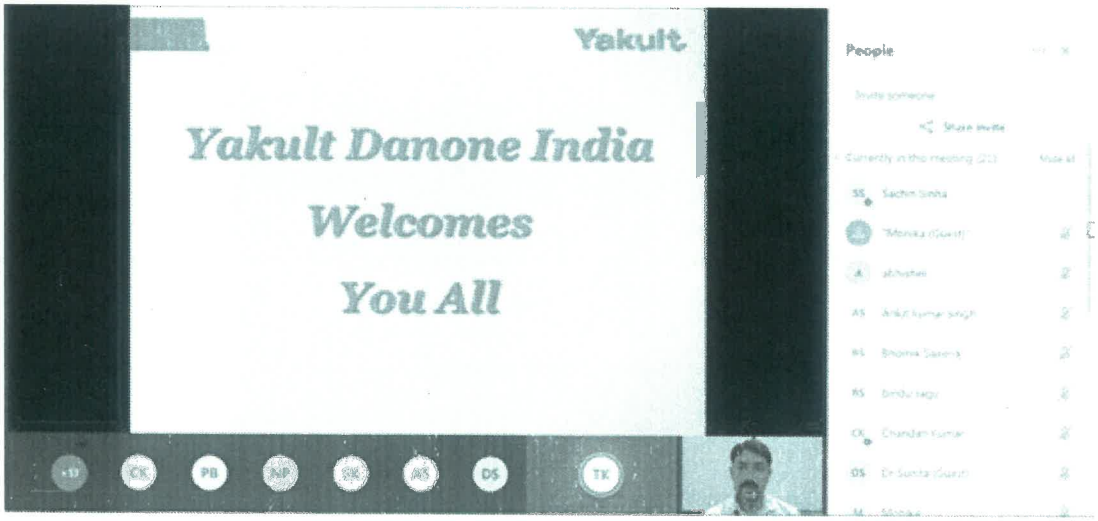
Scope of Improvement: Physical Visit would be a better option to learn more about production, distribution, quality measures in details.

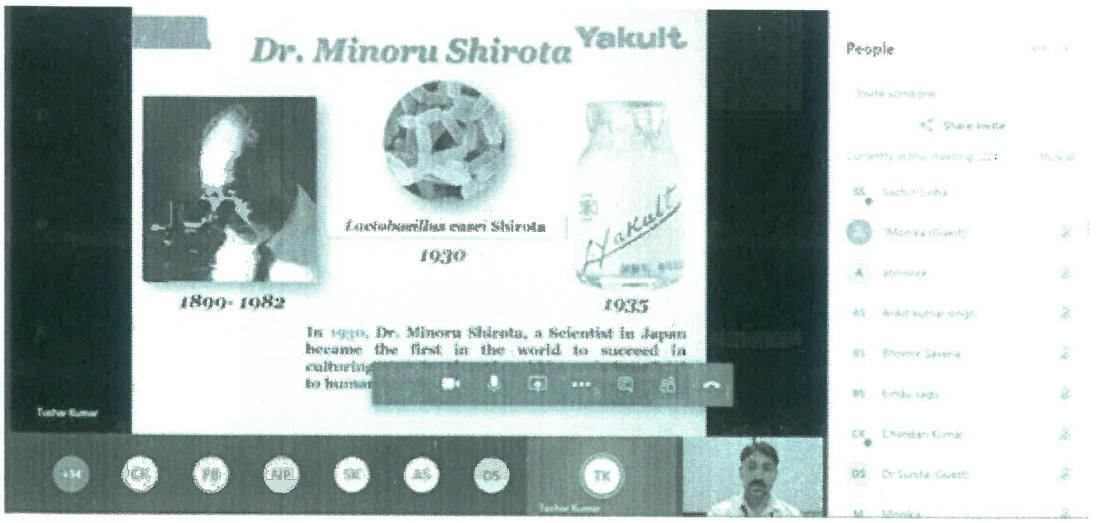
No. of Faculty attended: 05

No. of Student attended: 21

Coordiantor:-

Mr. Sachin Sinha





Factory Operations
Yakult
Yakult
Yakult Danone India
Virtual Factory Tour
Tushar Kumar
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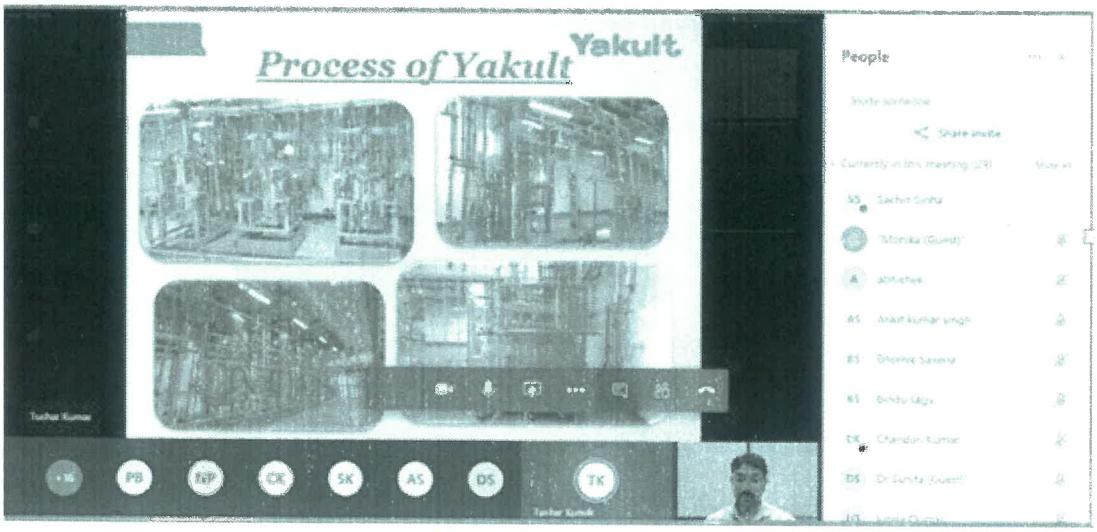
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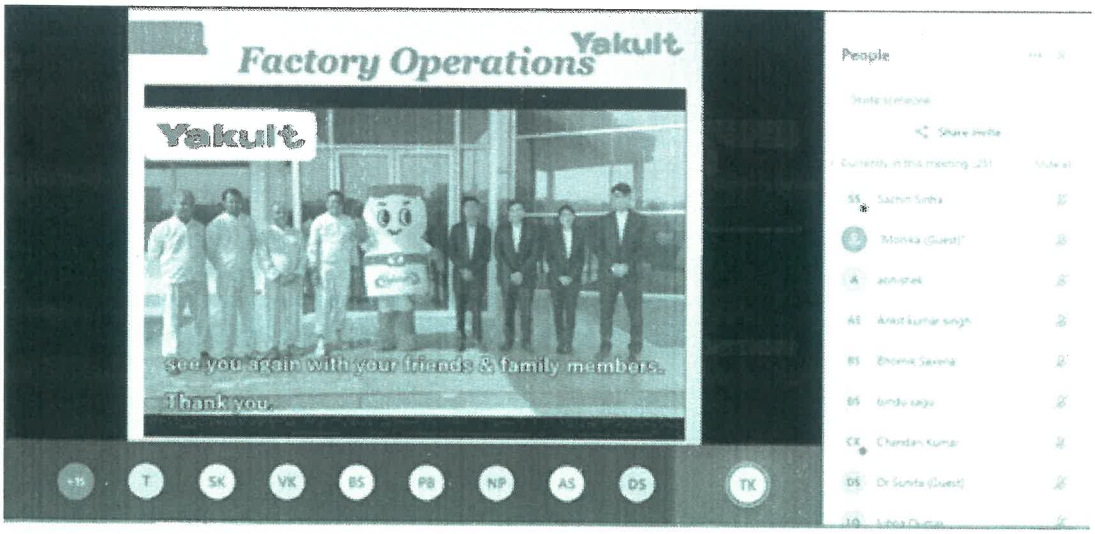
Factory Operations
Yakult
Yakult
see you again with your friends & family members.
Thank you.
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Webinar Report

Name of the Event: Webinar on "Deep Learning"

Invited Speaker: Mr. Atma Kr. Rai, CCNA r. Data Science Developer at the CETPA Groups of Companies

Event Coordinator(s) Dr. Ashish Kumar, Professor and Head of Department, and Mr. Devesh Garg (Asst. Professor-CSE).

Date of Event: 01/05/2021

Time: 10.00 A.M. - 12.00 Noon.

Venue: Online (through zoom meeting platform)

Objective:

- To highlight the basic principles of Deep Learning.

Main Report:

On 1st May 2021, Department of Computer Science & Engineering, ITS Engineering College, Greater Noida organized webinar on " Deep Learning" . The speaker of the event was Mr. Atma Kr. Rai . Mr. Rai is Sr. Data Science Developer at the CETPA Groups of Companies. He has vast experience and expertise on various technologies some of them are Python, Data Analytics, Machine Learning, Natural Language Processing, Data Science, Image Recognition etc. He has also Experience of giving Training/Workshops in 50+ Organizations.

The event was organized by **Dr. Ashish Kumar , Professor** and **Head of Department** and was facilitated by **Mr. Devesh Garg (Asst. Professor-CSE).** Mr. Rai explained about Learning, their types and how it can be use in the machine learning and in emerging technologies and explained with live examples video. He explain the learning tools that use in Deep learning with python coding like juypter

The Workshop was concluded by question and answer session. The workshop was highly interactive and the students got a deep insight into Deep Learning. The workshop attendance was 100 which included students and faculties from various departments.

Webinar Outcome:

i) The students got deep insight of Deep Learning and its use in machine learning and other emerging technologies.

ii) Students learnt about the tools used in deep learning with live examples.

Participation details:

Students and faculty of various departments.

Dr. Ashish Kumar

Professor, Head of Department, CSE Deptt.

Mr. Devesh Garg

Asst. Prof., CSE Deptt.

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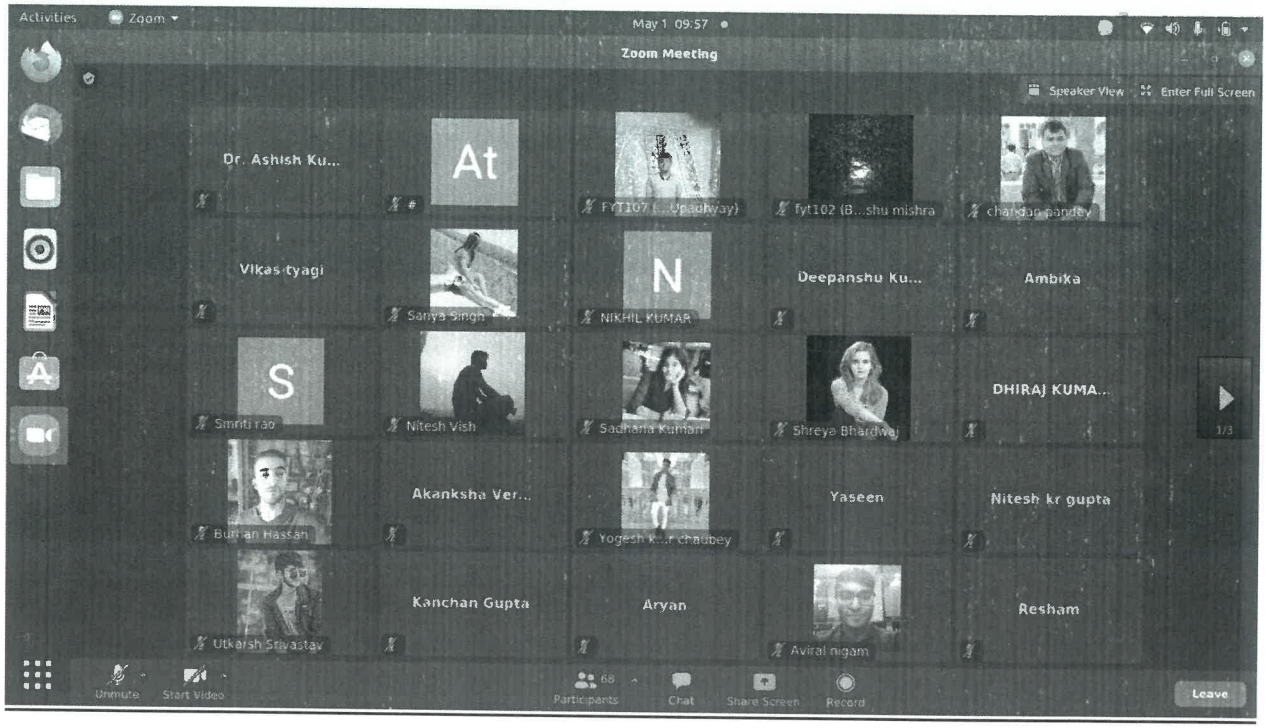
Glimpse of the event with few photographs:



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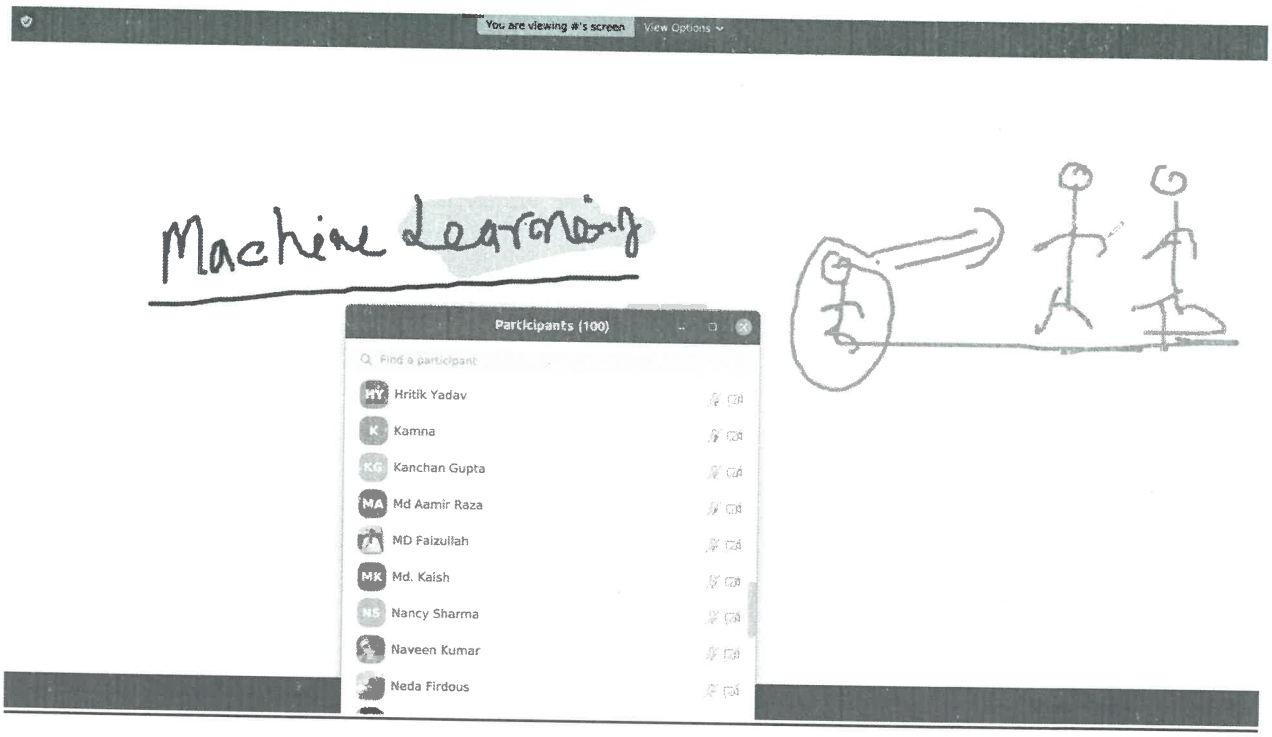

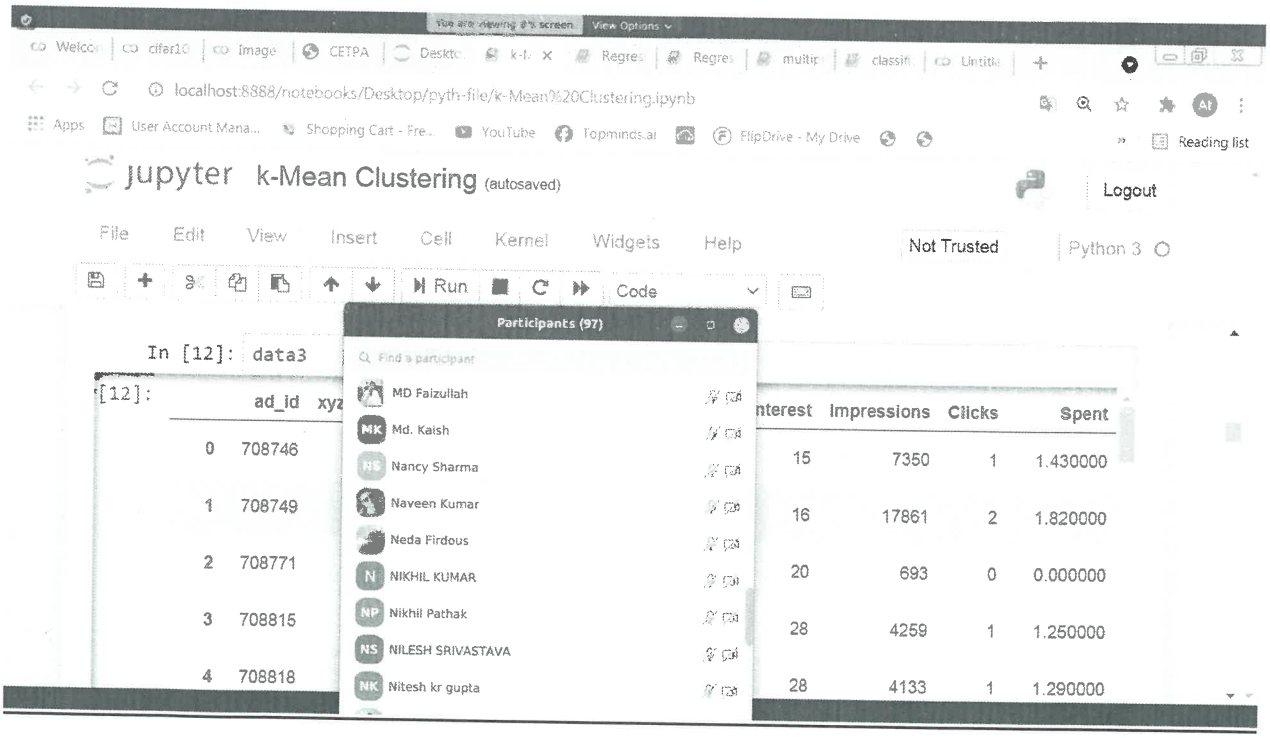

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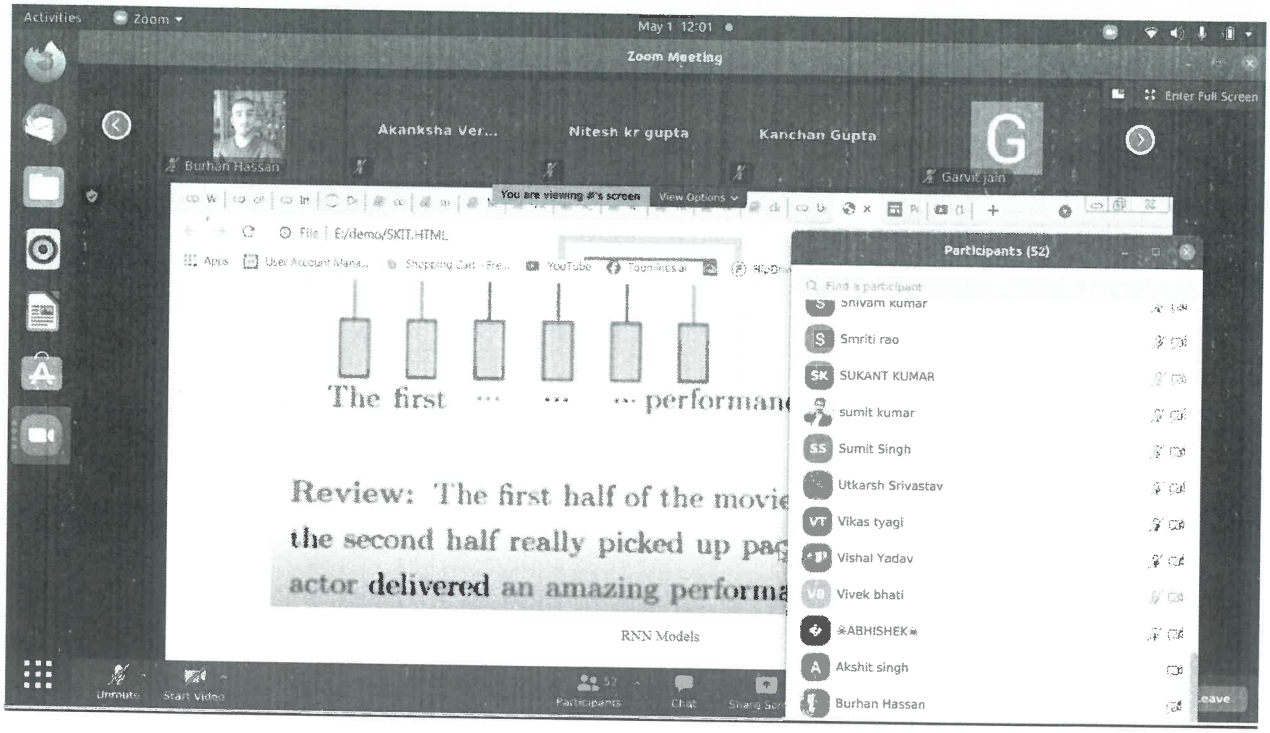

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I.T.S Engineering College

Research and Development Cell

46, Knowledge Park-III, Greater Noida District, Gautam Budh Nagar (U.P.)
Phone: (0120) 2331024, Mob. 9582647615 E-mail: hod.me@its.edu.in Web: http://www.its.edu.in

Webinar Report

Name of the Event: International Webinar on "Cancelable Biometrics on Machine Learning"

Invited Speaker: Dr. Ranjeet Kumar Rout, Assistant Professor, National Institute of Technology Srinagar, Hazratbal, India.

Event Coordinator: Dr. Kuldeep Chouhan (Associate Professor, Department of CSE)

Date of Event: June 26, 2021

Time: 11:00 AM – 1:00 PM

Objective: Deliver the knowledge about Machine Learning technology with cancelable biometrics to grow student's career which would assist in their placement too.

Main Report:

R&D Cell, I.T.S Engineering College Greater Noida had organized an International Webinar on "Cancelable Biometrics on Machine Learning" delivered by guest expert Dr. Ranjeet Kumar Rout, Assistant Professor, National Institute of Technology Srinagar, Hazratbal, Indiaon 26thJune, 2021. During the lecture, Dr. Ranjeet Kumar Routenlightened the audience on present scenario of the machine learning. He stressed upon the proper understanding of machine learning with biometrics. He conversed about machine learning, types, uses, applications with various algorithms and how these algorithms are used to calculate biometrics concept in real-time scenario. He has very much emphasis on this point that each participant must show their involvement in the webinar to have interactive session. The aim of this webinar is to deliver the knowledge about cancelable biometrics using machine learning technology to grow student's career which would assist in their placement too.

Dr. Kuldeep Chouhan, Associate Professor in the department of Computer Science and Engineering welcomed the invited speaker Dr. Ranjeet Kumar Rout. This webinar was attended by students, research scholars and faculty members from all over the country.

ENGINEERING COLLEGE
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I.T.S Engineering College

Research and Development Cell

46, Knowledge Park-III, Greater Noida District, Gautam Budh Nagar (U.P.)
Phone: (0120) 2331024, Mob. 9582647615 E-mail: hod.me@its.edu.in Web: http://www.its.edu.in

Recordings link: https://drive.google.com/file/d/1tZhaL0AGue0yCD7jx1fVuM4UnACrRB-j/view

Speaker Profile:

Dr. Ranjeet Kumar Rout is currently serving as Assistant Professor in the Department of Computer Science and Engineering, National Institute of Technology Srinagar, Hazratbal, India. He received his Ph.D. degree from the department from Indian Institute of Engineering Science and Technology (IIEST, Shibpur) Shibpur, West Bengal, India in the year of 2018. Prior to working at NIT Srinagar, Dr. Ranjeet had some useful research and teaching experience from Dr. B. R. National Institute Technology (NIT) Jalandhar, and Indian Statistical Institute (ISI) Kolkata, India. His research interests include machine learning, and deep learning, visual cryptography and computational biology. He has published several papers in peer-reviewed international and scientific journals in the field of non-linear Boolean functions and computational biology, machine learning.

Lecture Outcome:

(i) Participants learned about the machine learning concepts.

(ii) Participants were able to understand the importance of the Title and basics of the machine learning with biometrics concepts.

(iii) Understood the procedure of biometrics and how it's applicable in today's technologies.

(iv) Participants were able to understand about the various algorithms uses in real-time environment.

Participation details:

Students, Research scholars &faculty members: Total 110 participants registered.

I.T.S Engineering College

Research and Development Cell

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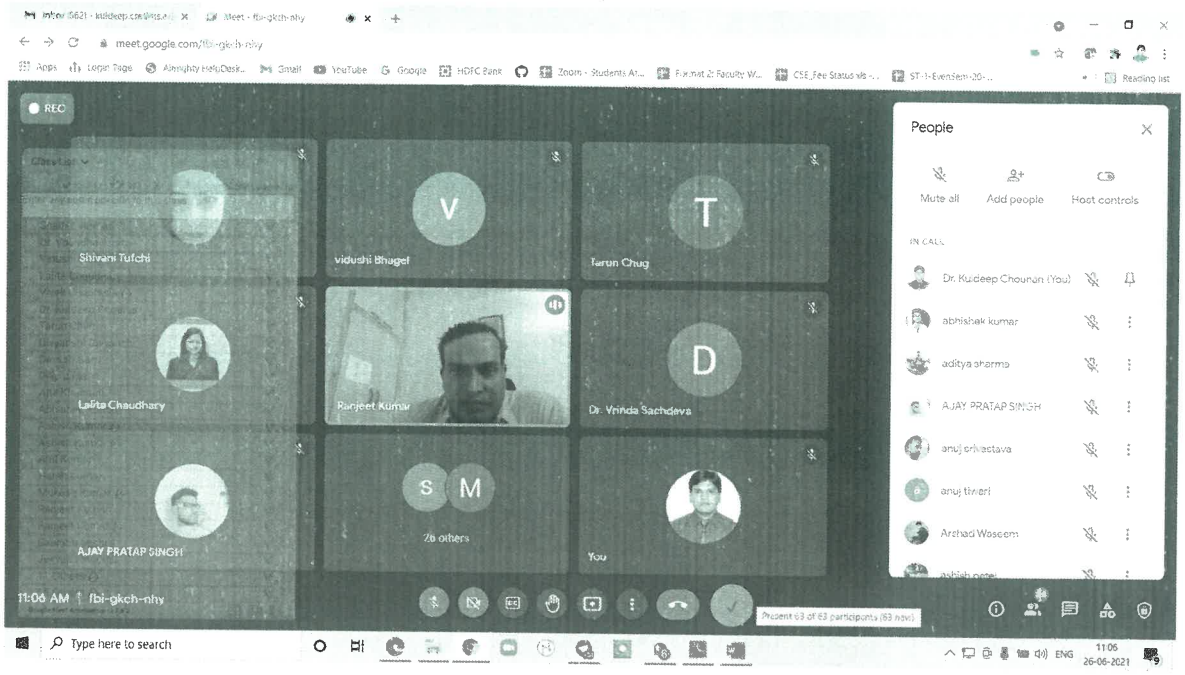
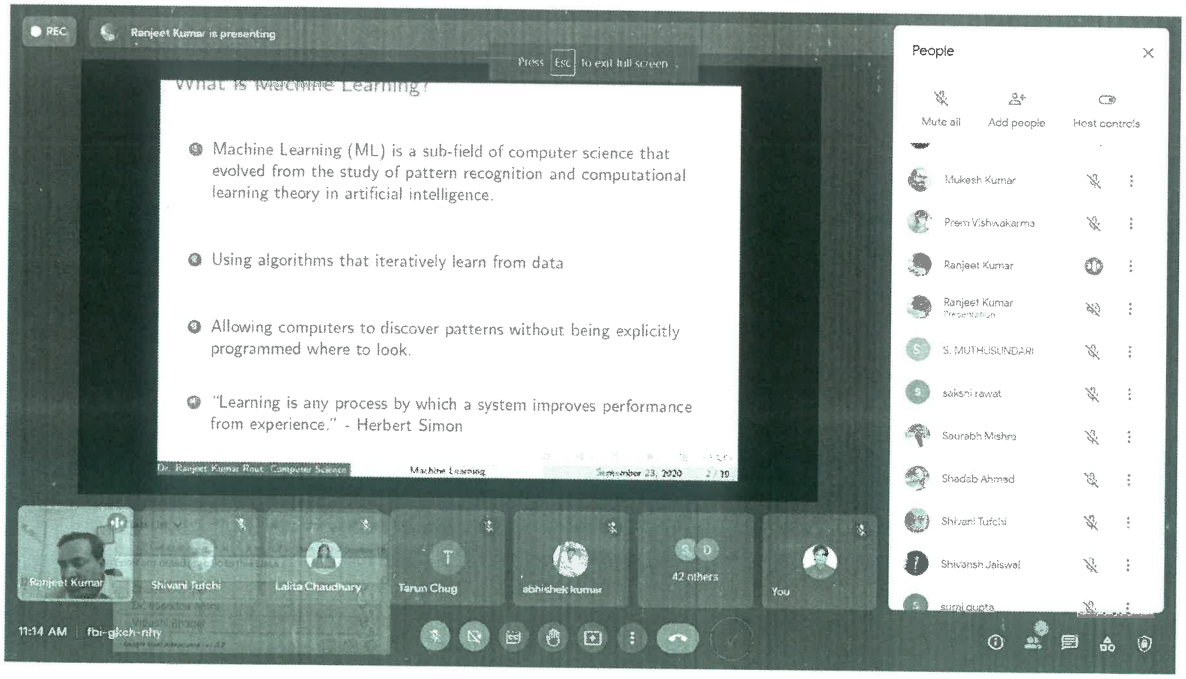
Glimpse of the webinar with few photographs:





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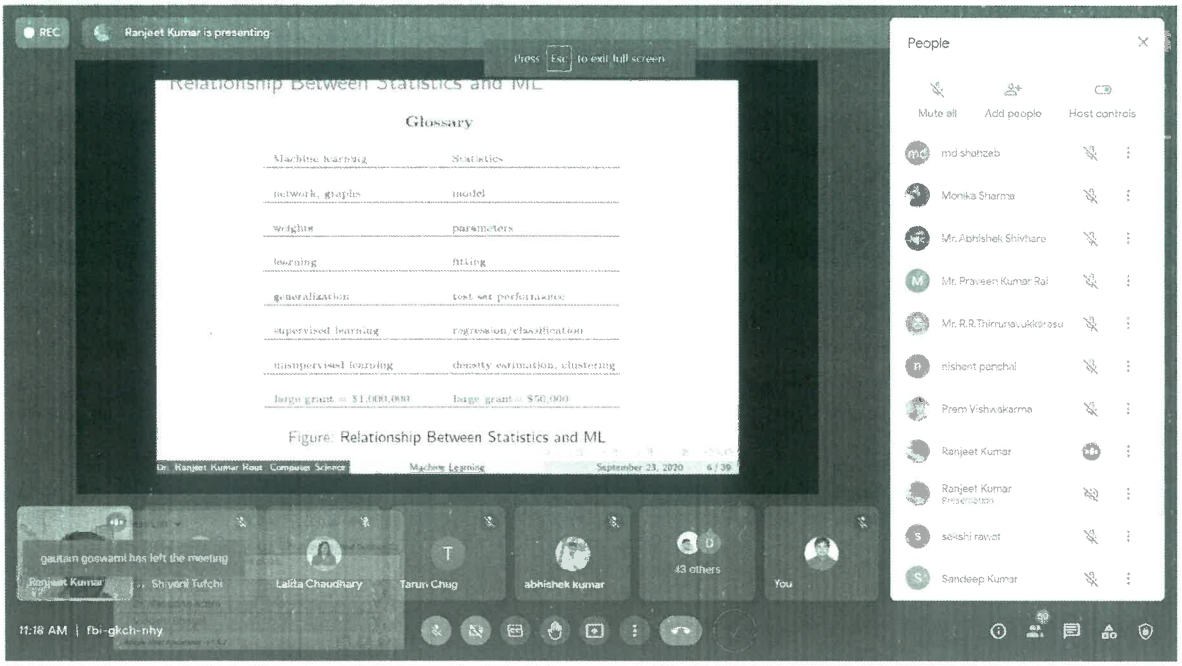

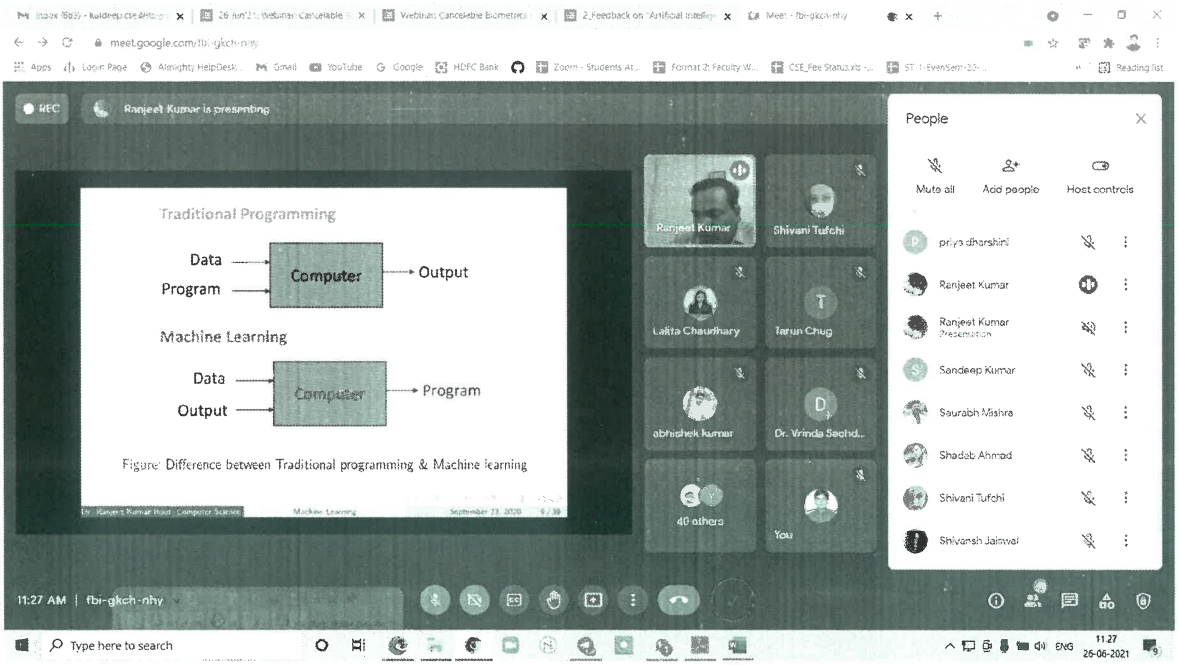

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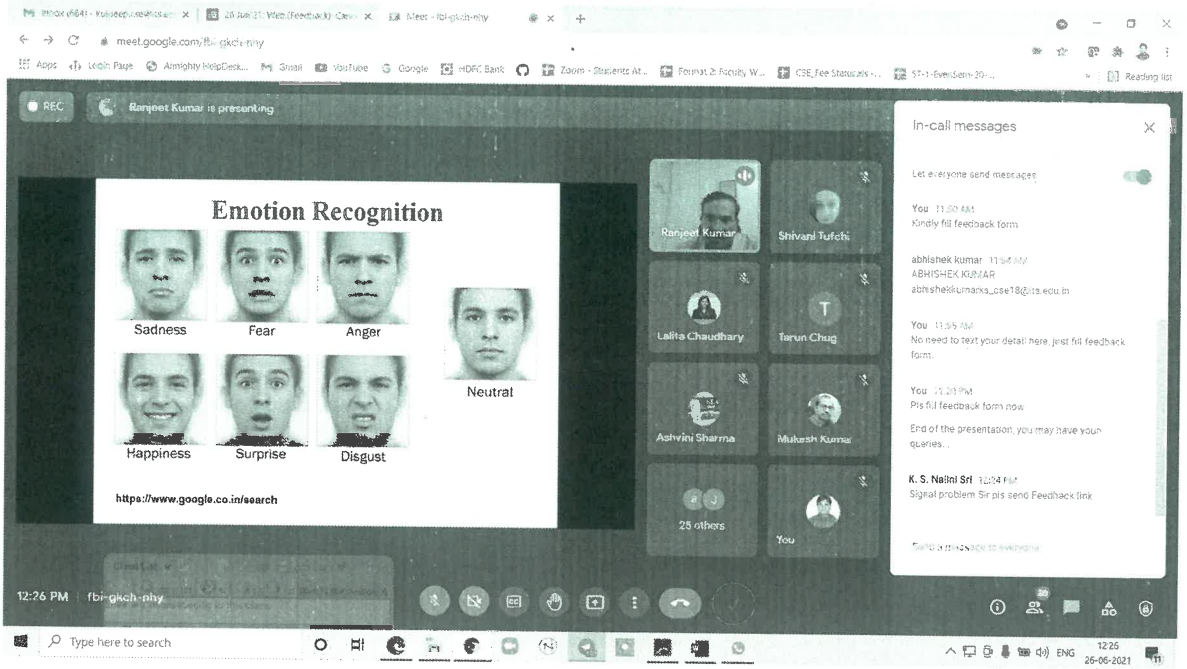

List of Registered Participants:

Full Name	College/ University name	Mobile No.
Akanshgupta	ITS ENGINEERING COLLEGE	9548888066
Anjeshyadav	AKTU	7355665467
Akeel qasim	Its engineering college	9858821014
Sapna Kumari	ITS ENGINEERING COLLEGE GREATER NOIDA	9650827534
Chetan Kumar Sharma	ITS Engineering College	6395007252
Abhishek Kumar	ITS Engineering College	7079304312
Shadab Ahmad Khan	I.T.S Engineering College, Greater Noida	8529916472
Aryan Shukla	ITS engineering college	9598889695
Anujaan Mishra	ITS Engineering college	9717270561
Aniket kumar	I.T.S ENGINEERING COLLEGE	7368937438
Sahil Hussain	ITS Engineering College	8826412543
Rahul Sharma	ITS ENGINEERING COLLEGE	7300919679
Navneet pratap	I.T.S Engineering College	9473061477
Mohit sharma	Its engineering college	8178724530
Shivam Sharma	ITS Engineering College	6386080344

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Vivek Kumar Chaurasia	ITS Engineering college	9695289626
Sakshi	ITS engineering college	9910870650
Subham pratapsingh	ITS engineering college	9149314711
Saurabh Mishra	ITS ENGINEERING COLLEGE	9519956615
Divyansh Singh	A. K. T. U	8744818278
Swapnil	I.T.S Engineering College	7903791726
Shivani Tufchi	ITS engineering college	8727969284
Monika Sharma	I.T.S.Engineering College	9958350822
Nitish Kumar jha	ITS ENGINEERING COLLEGE	7903192379
Harshita Bishnoi	ITS Engineering College	7887067354
Yash Kumar	ITS Engineering College	7860371119
Pranaw Kumar Singh	ITS ENGINEERING COLLEGE	9939068203
Esha Gupta	ITS Engineering College	+917838944630
Ankit Kumar Gupta	I.T.S Engineering college	8804870651
Sujeet kumar	I. T. S ENGINEERING COLLEGE	7563879035
Siddhartha Tiwari	ITS Engineering college	9519507309
Aasif Jamal	ITS Engineering College	9140510779
Swagat Sriram Bara	ITS Engineering College	9667655086
Ajeet Kumar	I. T. S ENGINEERING COLLEGE	+917764060647
SANIK KUMAR MISHRA	ITS ENGINEERING COLLEGE	6306115067
Vidushi bhagel	ITS engineering college	7017364127
Sindhuza Singh	I.T.S Engineering College	8527750190
Abhishek Bhardwaj	I.T.S Engineering College	7827303104
Suraj Kumar Gupta	ITS Engineering College	6392958459
Ashok Kumar Sharma	ITS ENGINEERING COLLEGE	7534060586
Mukesh Kumar	I.T.S Engineering college	9608405398
Yogesh Sharma	ITS Engineering College	9990772680
Ashish Kumar patel	ITS ENGINEERING COLLEGE	9555516840
Md Rafique	Its engineering college	906050449
ADNAN	I.T.S ENGINEERING COLLEGE	9870716808
Dr. Kuldeep Chouhan	ITS Engineering College	8309950609
ADITYA DAYAL TYAGI	ITS ENGINEERING COLLEGE	9911201232
Vrinda sachdeva	Its	9812367679
Dr.Kuldeep Malik	ITS EC	9871282232
Sandeep Kumar	ITS Engineering College	8527026776

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MUKESH KUMAR	ITS	09999215241
KSHATRAPAL SINGH	ITS Engineering College, Gr Noida	08802252188
Shivansh Sharma	ITS ENGINEERING COLLEGE	6395397270
SHAIK MOHAMMAD ABDHUL RAHIM	SHRI RAM MURTI SMARAK COLLEGE OF ENGINEERING AND TECHNOLOGY	7981740300
Jayaraj Ramasamy	Botho University	09677679049
N.VIJAYA KUMAR	LOYOLA INSTITUTE OF TECHNOLOGY AND MANAGEMENT DHULIPALLA SATTENAPALLI	8801697769
Priya V	Bharath Institute of Higher Education and Research	9176671547
AbubuckerSamsudeen Shaffi	Gulf College	96895812868
Mohankumar K S	BGSIT	8884863693
MUTHU V	SRMIST	9790952729
Swatha.S	Panimalar engineering college	6380213173
MOHANA SUNDARAM K	R.M.D. ENGINEERING COLLEGE	9445794407
Dr.S.Muthusundari	R.M.D. Engineering College	7200044389
DHANASEKAR J	Bharath Institute of Higher Education and Research	9841259514
Akila Rajini	PSN INSTITUTE OF TECHNOLOGY AND SCIENCE	09489866412
Shivansh Jaiswal	I.T.A engineering college	8840582658
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Dr.B.Paramasivan	National Engineering College	7200020133
Nishant Bhati	ITS Engineering College	7042430796
Vidya Sagar Kumar	Dr.D.Y.Patil College of Education, Pimpri, Pune (Savitribai Phule Pune University, Pune)	09992701986
Tarun Kumar Chugh	I.T.S Engineering College	09810172959
KharmegaSundararaj G	PSN College of Engineering and Technology	9443570334
Divyanshi	ITS engineering college	9711186686
Ritesh Ranjan	ITS Engineering college	9971634240
Ashvini Sharma	Its Engineering College	+917985654746
Atul kumar	I. T. S. Engineering college	7317738782
shwetakumari	ITS Engineering college greater noida	06200221177
Sagar kumar Verma	ITS engineering college	7456848753
Jeyalakshmi N	PSN CET	9486515592
Ravi kumar	I T S ENGINEERING COLLEGE	9128777555
Abhishek Tiwari	ITS ENGINEERING College	8115246910
Ankit Pravin	ITS Engineering college	8298584575
Sakshi Rawat	I.T.S Engineering College	9968114230

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Vishal Gupta	ITS engineering college	+917068732070
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Harsh Kumar	ITS Engineering College, Greater Noida	8171922604
S.PRIYADHARSHINI	Caussanel college of arts and science Muthupettai	8489376804
Makarand Shreelochan	I.T.S Engineering College,Greater Noida	9911987535
pranavshubhamjha	ITS engneering collage greater noida	7667839681
Ankit kumar	Its engineering college	7542801375
Gunjan Sardana	ITS Engineering College	9891772907
Md Uzaif Umar	I.T.S ENGINEERING COLLEGE	8863037730
Dr. Vasudha Arora	ITS ENGINEERING COLLEGE	09999885200
Lalita chaudhary	ITS	9953872156
Suresh Wati	ITS	8433164667
Jeevesh Mudgal	ITS Engineering college	9758205476
ANUJ TIWARI	ITS ENGINEERING COLLEGE, DELHI NCR	+919560824839
Shubhi sharma	Ics	9811837426
Ajay Pratap Singh	ITS engineering college	8826615656
Azad Hussain	I.T.S ENGINEERING COLLEGE GR.NOIDA	07985344279
Atul Khanduri	Atul Khanduri	9958018860
Anuj Srivastava	I.T.S Engineering college	7398319662
Aditya Sharma	ITS Engineering College/AKTU	9873571836
Abhishaiksinghyadav	ITS engineering College	8174877563
Nishant Panchal	ITS ENGINEERING COLLEGE	+918384082249
R R THIRRUNAVUKKARASU	SRI KRISHNA COLLEGE OF TECHNOLOGY	8807665672
SriPriya N	Prathyusha Engineering	9840669157
Lakshay nagpal	ITSEC	9555947642
S. FAMITHA	PRATHYUSHA ENGINEERING COLLEGE	7904140951

EVENT REPORT

Name of Event: Workshop on "Hardware Design using Digital Components & HDL & Implementation on FPGA

Date of Event: June 21st, 2021 (Monday)

Time:11:00 AM - 12:30 PM

Organized by: Department of Electronics & Communication Engineering, ITS Engineering College, Greater Noida

Coordinator: Mr. Praveer Saxena, Assistant Professor-Department of ECE

Eminent Speaker: Mr. Vaibhava Mishra (Founder &Director :Aujus & Pine)

Objective: The objective of this workshop was to give insights of the Hardware design using HDL and FPGA which will prepare the students to face the fascinating world of VLSI design.

Report:

On June 21st,2021,Department of ECE, ITS Engineering College organized aWorkshop on "Hardware Design using Digital Components & HDL & Implementation on FPGA".The session was delivered by : Mr. Vaibhava Mishra (Founder & Director : Aujus & Pine) .
The event started with the welcome address by Dr. Monika Jain, HOD-ECE. The Workshop was conducted in online mode through google meet. During the workshop Mr. Vaibhava Mishra highlighted the key requirements to become a successful VLSI Design Engineer and also explained the methodology to design different hardware with the help of HDL and FPGA. He highlighted the various MNCs working in the area of VLSI Design and what are the prospects in the area of VLSI Design. He explained how to design a system from scratch and convert it intoan end product.

Atlast he cleared various doubts of faculty members and students.Workshop ended with the vote of thanks by Mr. Praveer Saxena, Assistant Professor-ECE.

Outcomes:

- All students participated with full zeal
- Students got an idea about how to excel in field of VLSI Design
- Students got an idea about the key requirements for a successful VLSI Design Engineer
- Students got motivated to get a decent job in the core branch
- Students became familiar with system design using FPGA

Scope of Improvement:

- Physical workshop could be more beneficial to get the hands on experience.

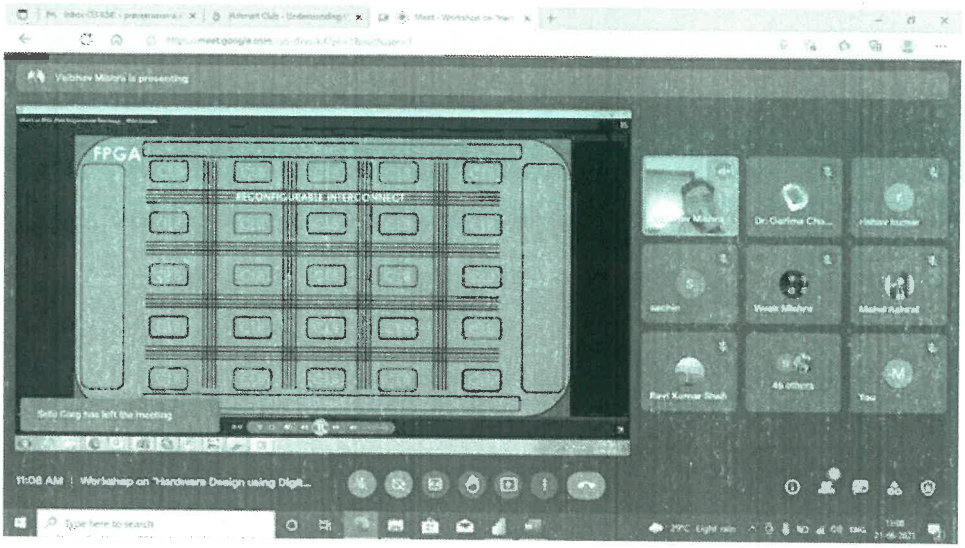
Attendance: 60 Students from ECE and all the ECE Faculty members

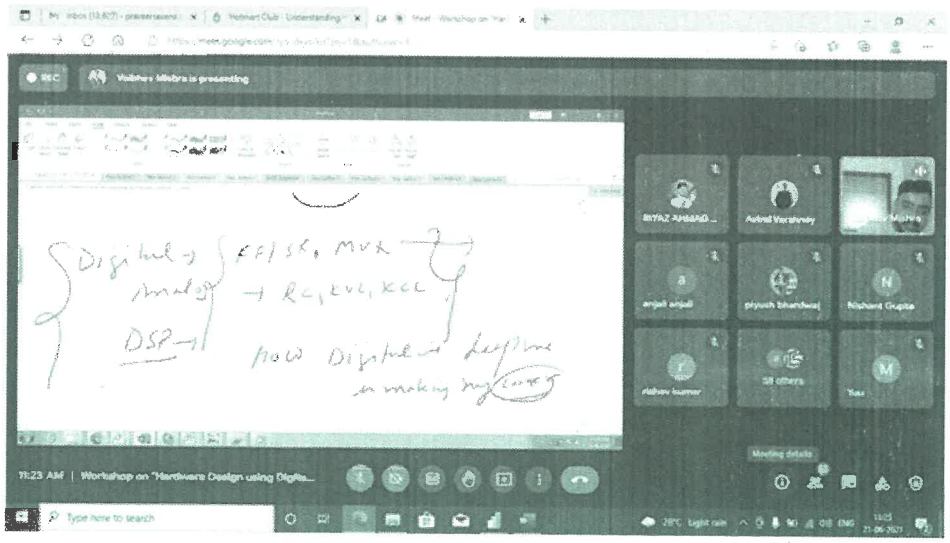
Coordinators

(Praveer Saxena)

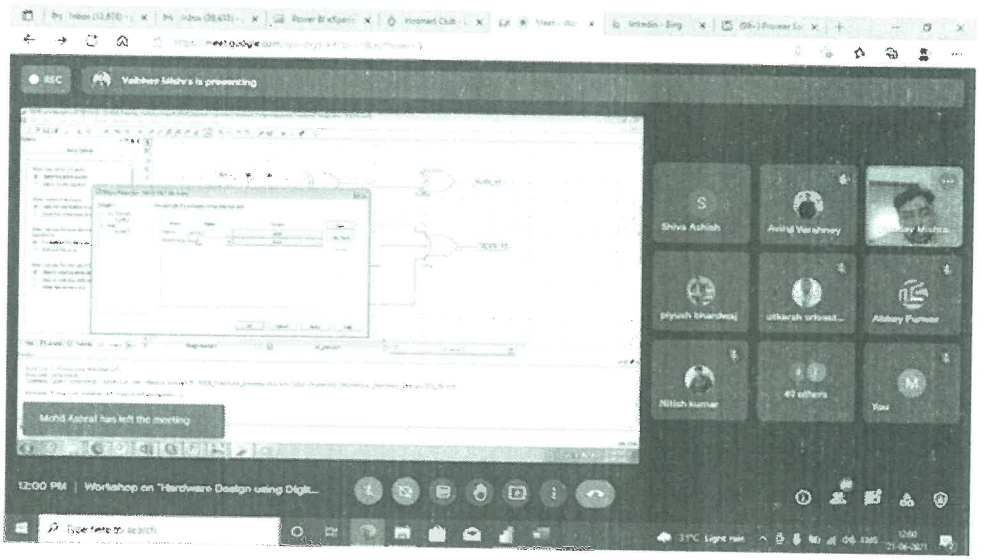
Workshop Poster:

Workshop Snapshots:





Vaibhav Mishra is presenting
Vaibhav Mishra
11:44 AM | Workshop on "Hardware Design using Digit...


Vaibhav Mishra is presenting
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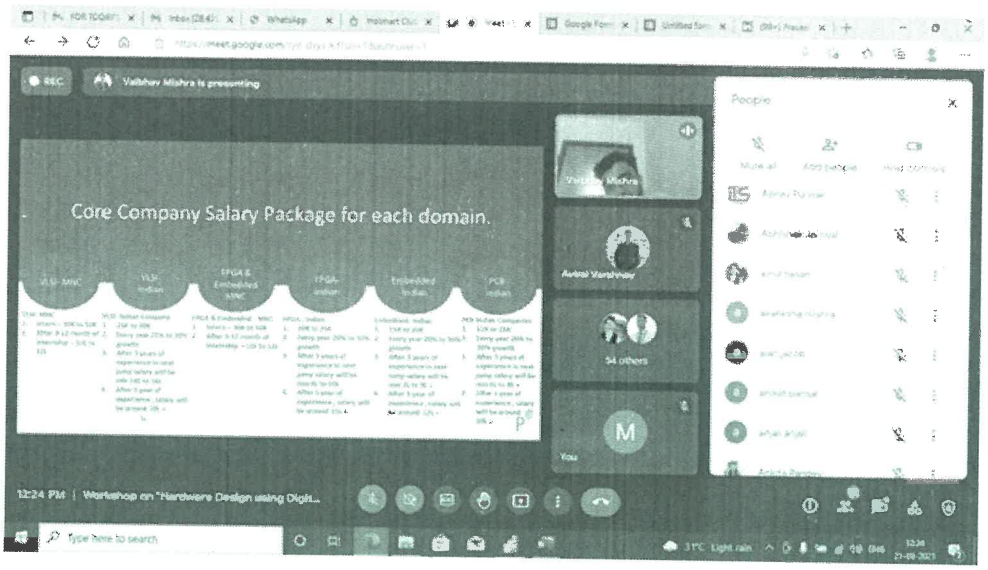
12:00 PM | Workshop on "Hardware Design using Digit...


Vaibhav Mishra is presenting
Core Company Salary Package for each domain.
People
12:24 PM | Workshop on "Hardware Design using Digit...

Workshop Recording Link:

https://drive.google.com/file/d/1UnqfDfSGC-UcXZEeQ1B4-y4HTePrcIq-/view?usp=sharing

Feedback of workshop:

Attached with the report

The Education Group
Ghaziabad • Greater Noida
(Estd. : 1995)

I.T.S ENGINEERING COLLEGE
GREATER NOIDA
(A NAAC Accredited Engineering College)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

EVENT REPORT

Name of Event –Poster and Slogan Competition**"Nation's Saviours"**

Date of Event – 19th June, 2021

Organized by – Envision- the student activity club

Event Coordinators– Mrs. Manju Singh and Dr. Setu Garg

Objective:

The theme for the poster making competition was **"To honour COVID-19 Warriors"**i.e. Doctors, Police, Sanitization Volunteers, Administrative Staff, Vendors, Hawkers and each and every citizen who are contributing to Defeat COVID-19. In the competition, more than 15 students participated with great zeal and posted their painting to the jury members through online platform.

Report:

"Envision-the student activity club", Department of Electronics and Communication Engineering of I.T.S Engineering College, Greater Noida organizedan onlinePoster &Slogan competition to pay the tribute to every citizen who contributed in this tough situation of pandemic.

The message behind organizing such an event was to encourage the students to look beyond their textual knowledge and show their hidden talent.

This event was conducted through virtual mode.In the competition, more than 15 students of different branch and different year participated with great enthusiasm and posted their Poster and their slogan to the jury members online.

We wish them success in future Endeavour. The winners of the event were felicitated with certificates and attractive gifts.All participants were also felicitated with certificates.

The event was judge by following faculty members:

1. Dr.Setu Garg – Department of ECE
2. Mrs. Manju Singh – Department of ECE
3. Dr.GarimaChandel -Deparment of ECE

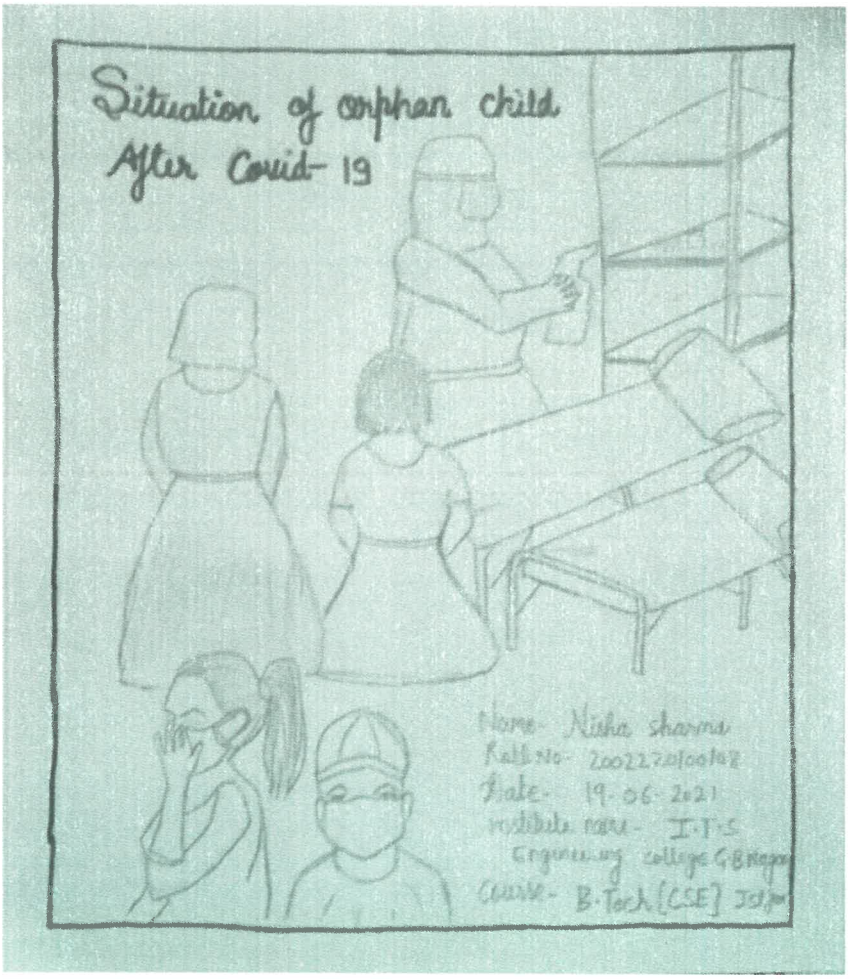
The winner of the event: Nisha Sharma - CSE First year

Runner up of the event: Md.Adil Hussain – ECE Second year

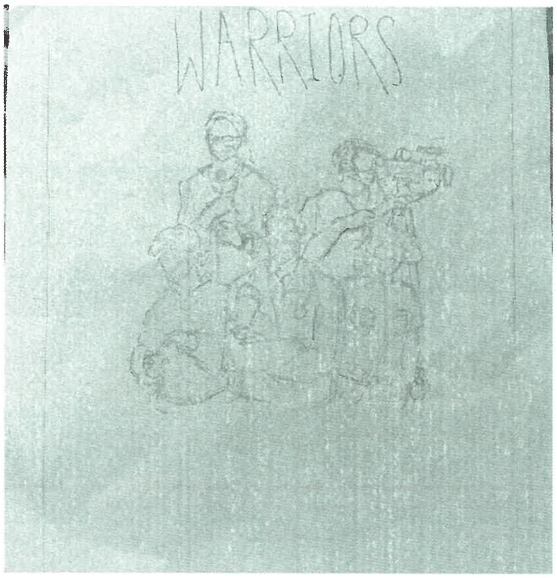
The event was successfully conducted. HOD-ECE, Dr. Monika Jain and other faculties congratulated the winners and also appreciated the efforts of all the participating students and expressed gratitude to all the frontline warriors fighting for public, saving people, risking their lives for public against coronavirus. She further appeals to students to stay home and utilize their time in online classes.

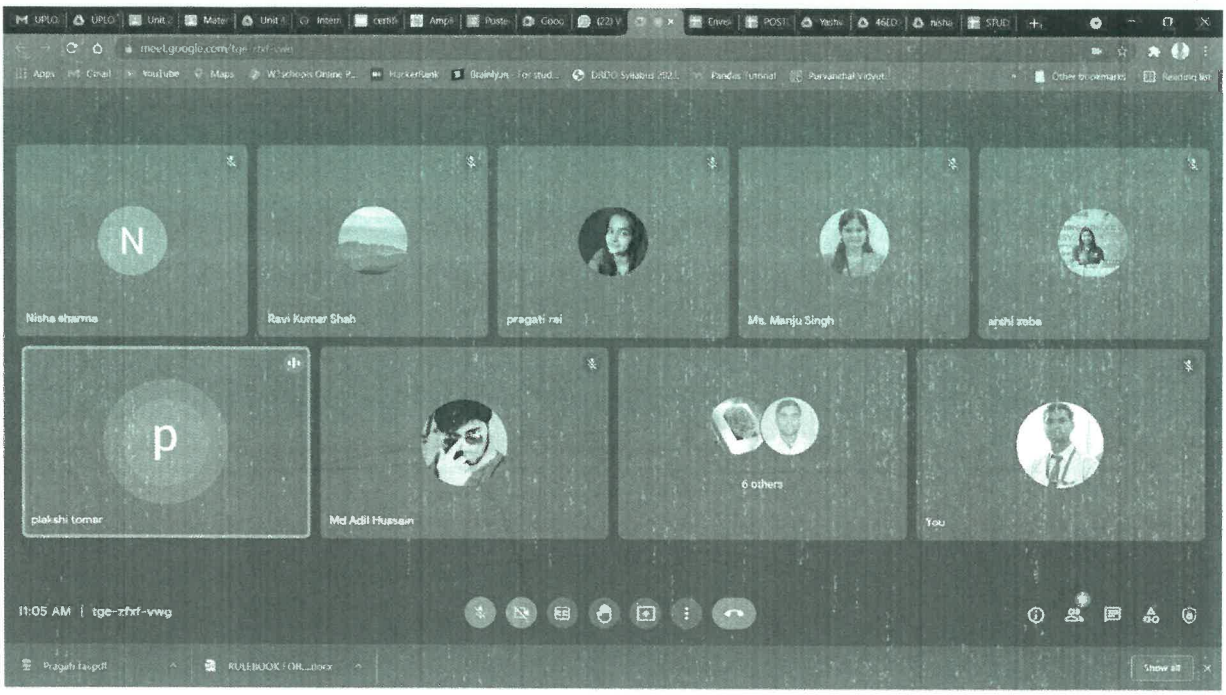
Program Outcomes:

- Like any other important day, this event also successfully completed through which we pay the tribute to all warriors and remembered all who lost their lives during this pandemic.
- I.T.S Engineering College, being an academic institution, celebrated this event to encourage the students to think beyond their textual knowledge.



जान जोखिम में लगा देंगे,
कोरोना को हरा देंगे


WARRIORS


N
Nisha sharma
Ravi Kumar Shah
pragati rai
Ms. Manju Singh
arshi zoba
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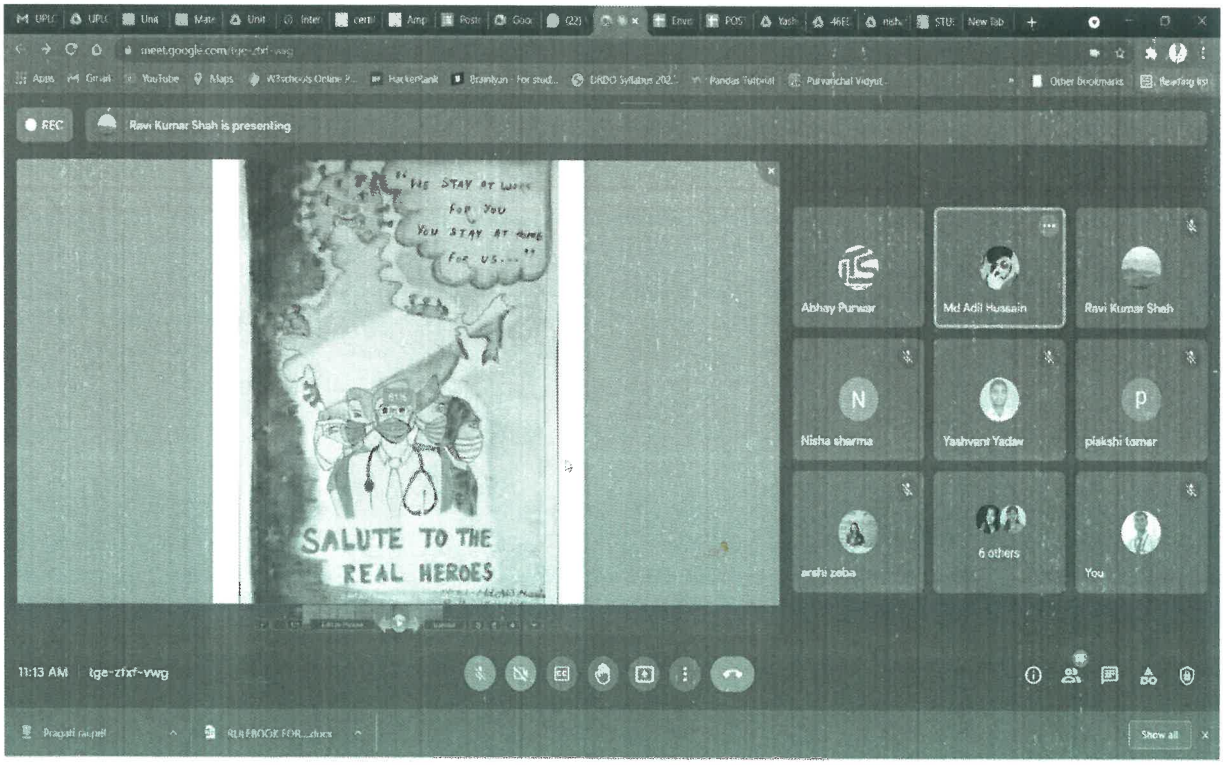
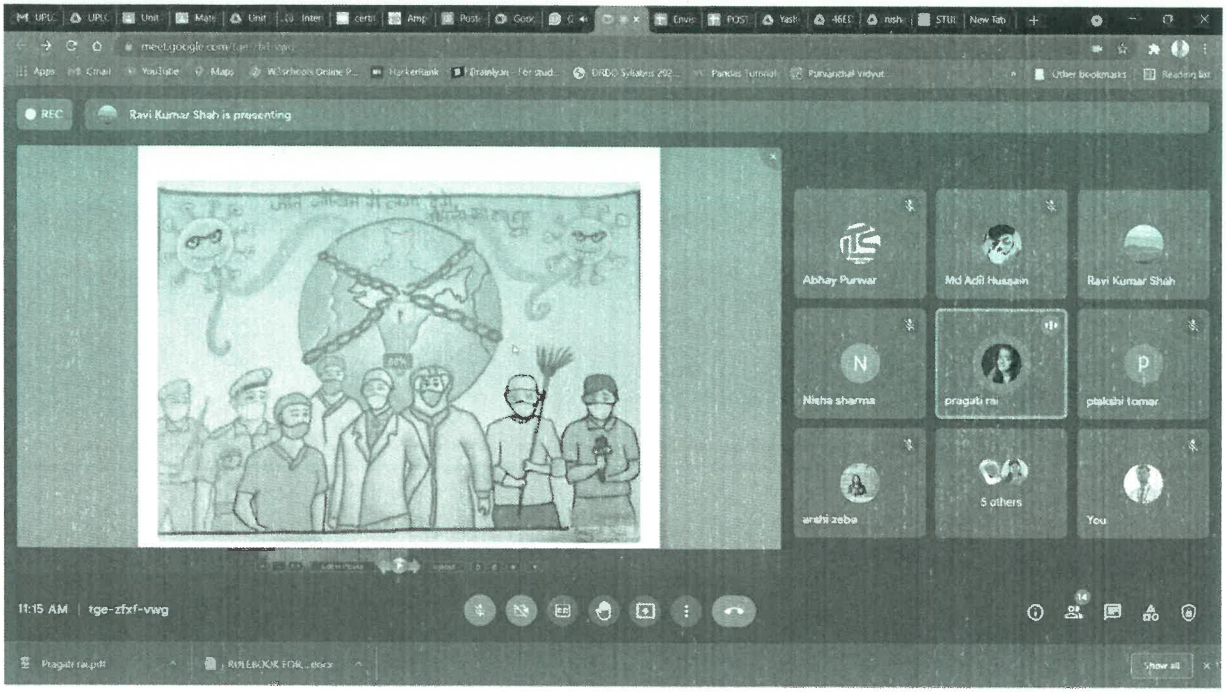
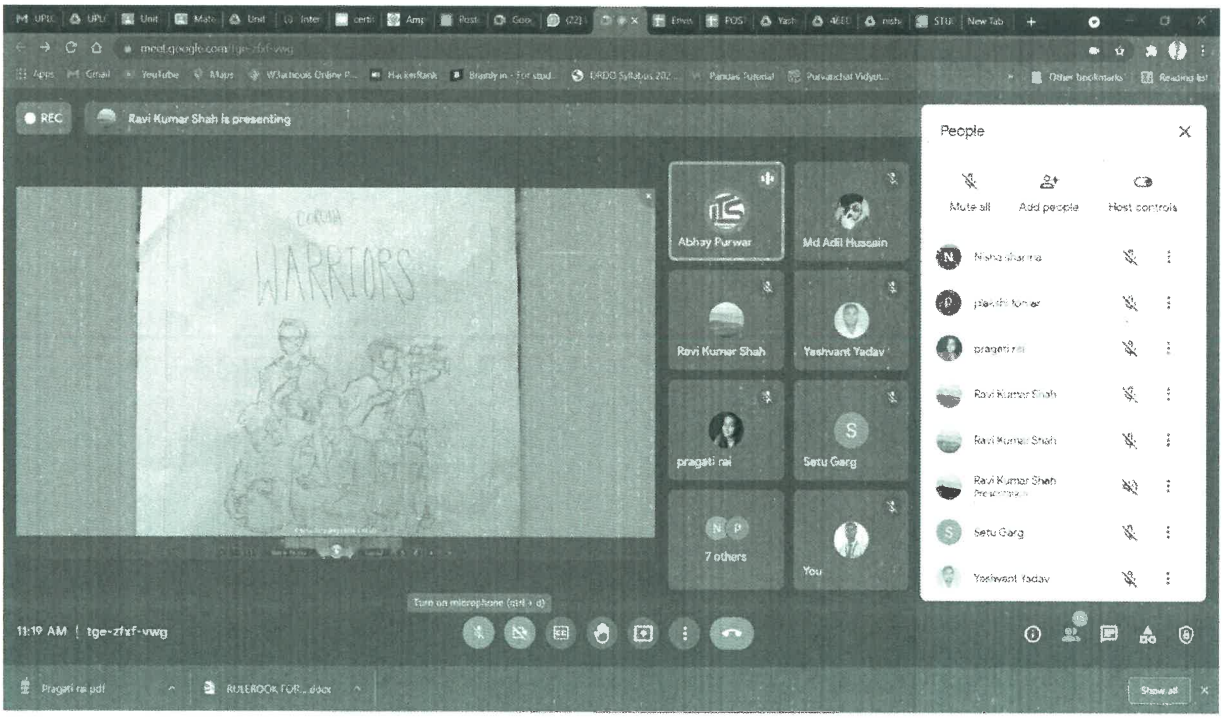
plakshi tomar
Md Adil Hussain
6 others
You
11:05 AM | tge-zfxf-vwg


REC
Ravi Kumar Shah is presenting
WE STAY AT WORK FOR YOU YOU STAY AT HOME FOR US...
SALUTE TO THE REAL HEROES
Abhay Punwar
Md Adil Hussain
Ravi Kumar Shah
Nisha sharma
Yashvant Yadav
plakshi tomar
arshi zoba
6 others
You
11:13 AM | tge-zfxf-vwg


REC
Ravi Kumar Shah is presenting
Abhay Purwar
Md Adil Hussain
Ravi Kumar Shah
Nisha sharma
pragati rai
palkshi tomar
arshi zeba
5 others
You
11:15 AM | tge-zfxf-vwg


REC
Ravi Kumar Shah is presenting
WARRIORS
Abhay Purwar
Md Adil Hussain
Ravi Kumar Shah
Yashvant Yadav
pragati rai
Setu Garg
7 others
You
People
Mute all
Add people
Host controls
11:19 AM | tge-zfxf-vwg

EVENT REPORT

Name of Event: Webinar on "Data Science"

Date of Event: June 9th, 2021 (Wednesday)

Time: 11:00 AM - 12:30 PM

Organized by: Electronics & Communication Engineering Department, ITS Engineering College, Greater Noida

Coordinator:Mr. Prabhakar Sharma, Assistant Professor-ECE Department.

Eminent Speaker: Mr. Deepak Singh Chauhan, Data Analyst- Shapemyskill Pvt. Ltd.

Objective: The main objective of this program was to understand the importance, applications, challenges and opportunities in Data science with short orientation program included with some examples.

Report:

On June 9th, 2021, ECE Department, ITS Engineering College organized a**: Webinar on "Data Science ".**The session was delivered by **Mr. Deepak Singh Chauhan, Data Analyst-Shapemyskill Pvt. Ltd.** Our Head of Department Dr. Monika Jain welcomed our speaker. Webinar started online at 11:00 AM through Google meet software. This webinar was attended by faculty members of ECE and other department with ECE 2nd year, 3rd year and 4th year students. Mr. Chauhan discussed about the data science, its importance, applications, advantages, challenges and career opportunities in Data science with various examples. In last he cleared various doubts of faculty members and students very well.Webinar was being closed by vote of thanks by the Mr. Prabhakar Sharma, Coordinator of this event.

This webinar was very informative and interactive as the students were able to know about Data Science and its current opportunities in industries. and how can try apply for job development. Students of second, third and fourth year enthusiastically attended the webinar.

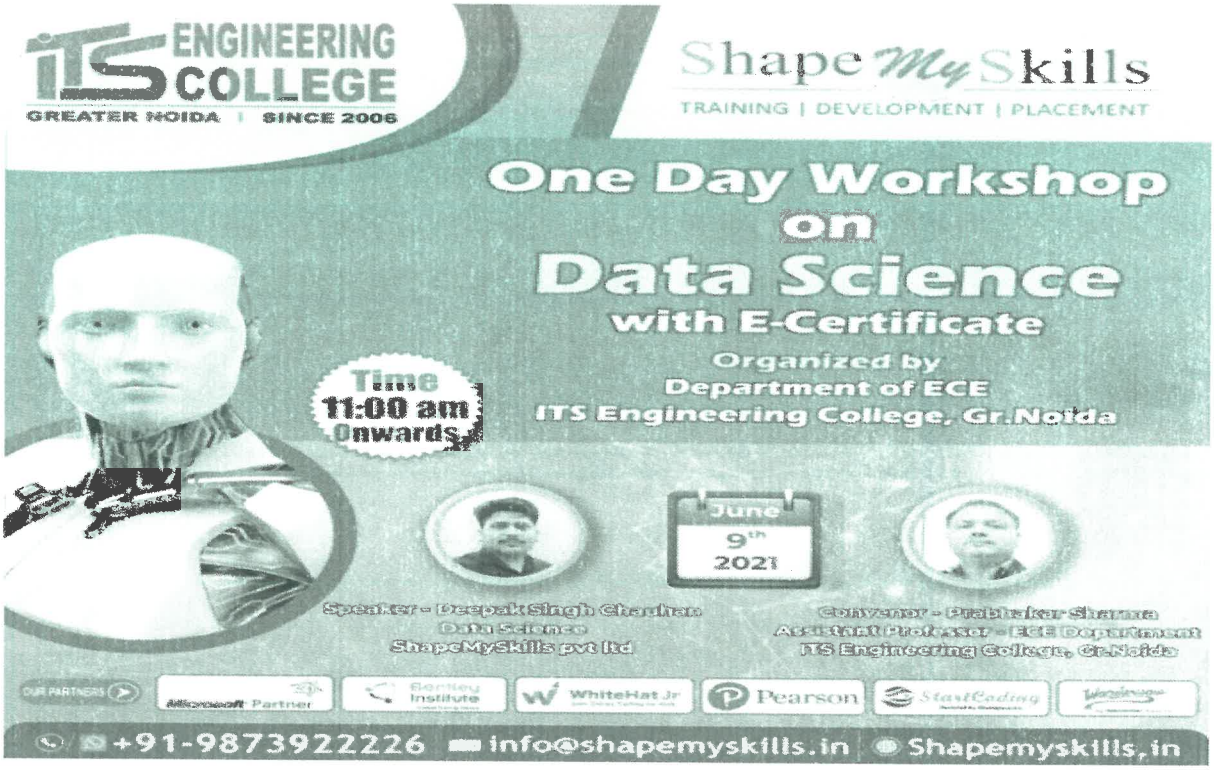
Program Outcome: Student are motivated about Data Science and its current industrial opportunities. All Students immediately received participation e-certification through shapemyskill portal.

Program attendance:All ECE students and faculty members attended this webinar.Google Registration Link :-https://forms.gle/gP183Yj5thE3DSTT8

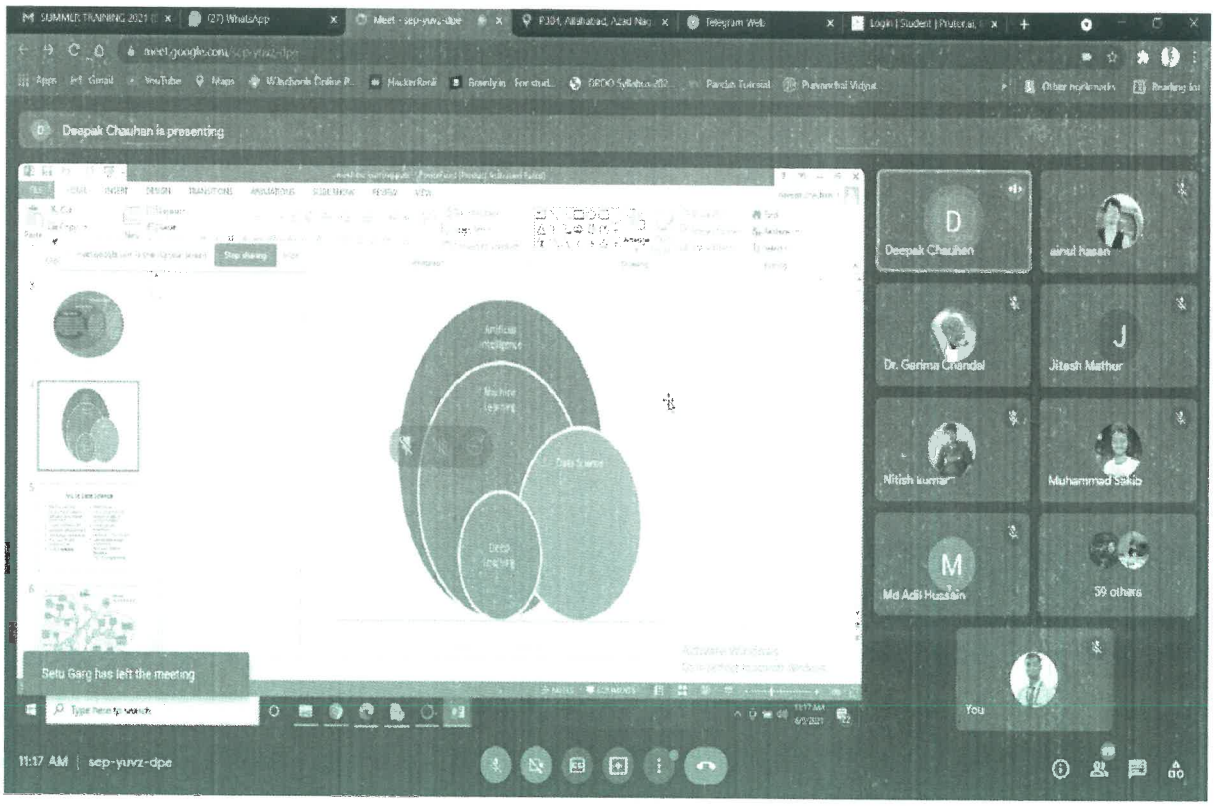
Prabhakar Sharma

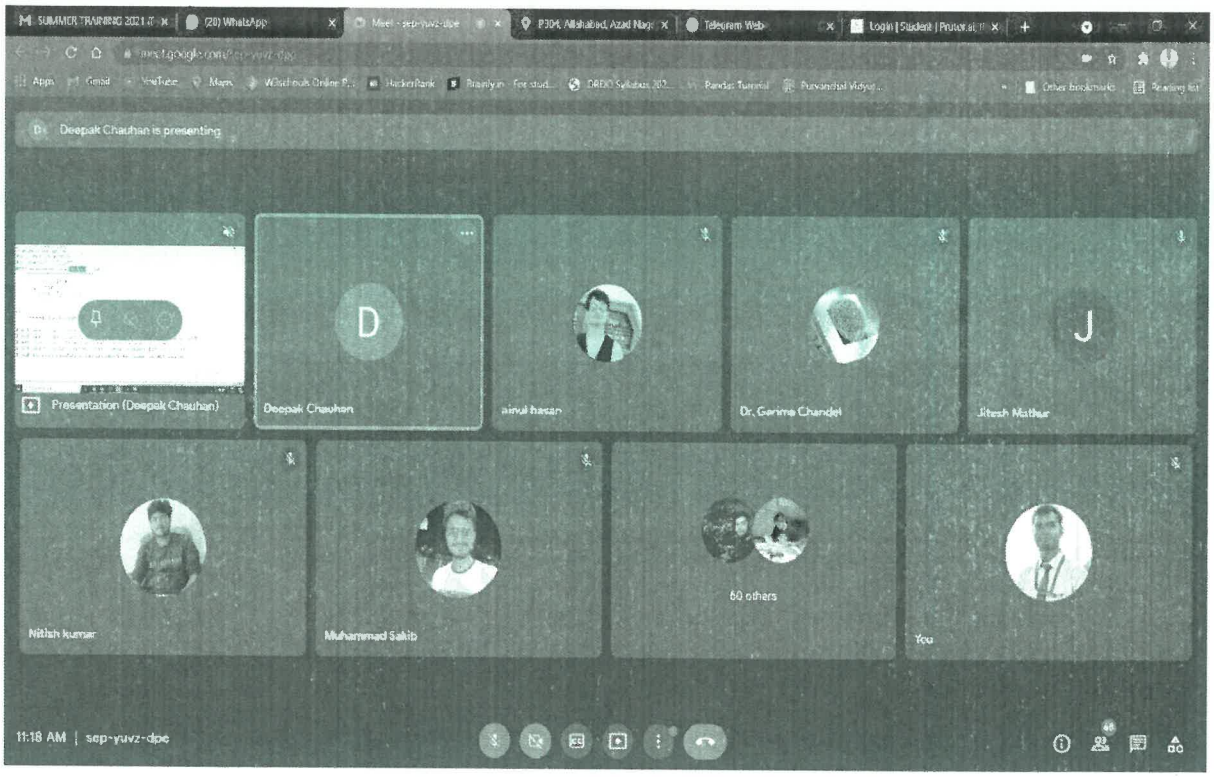
(Program Coordinator)

Webinar Poster:



Google meet Online Snapshots:




Deepak Chauhan is presenting
Presentation (Deepak Chauhan)
Deepak Chauhan
ainul hasan
Dr. Garima Chandel
Jitesh Mathur
Nitish kumar
Muhammad Sakib
60 others
You
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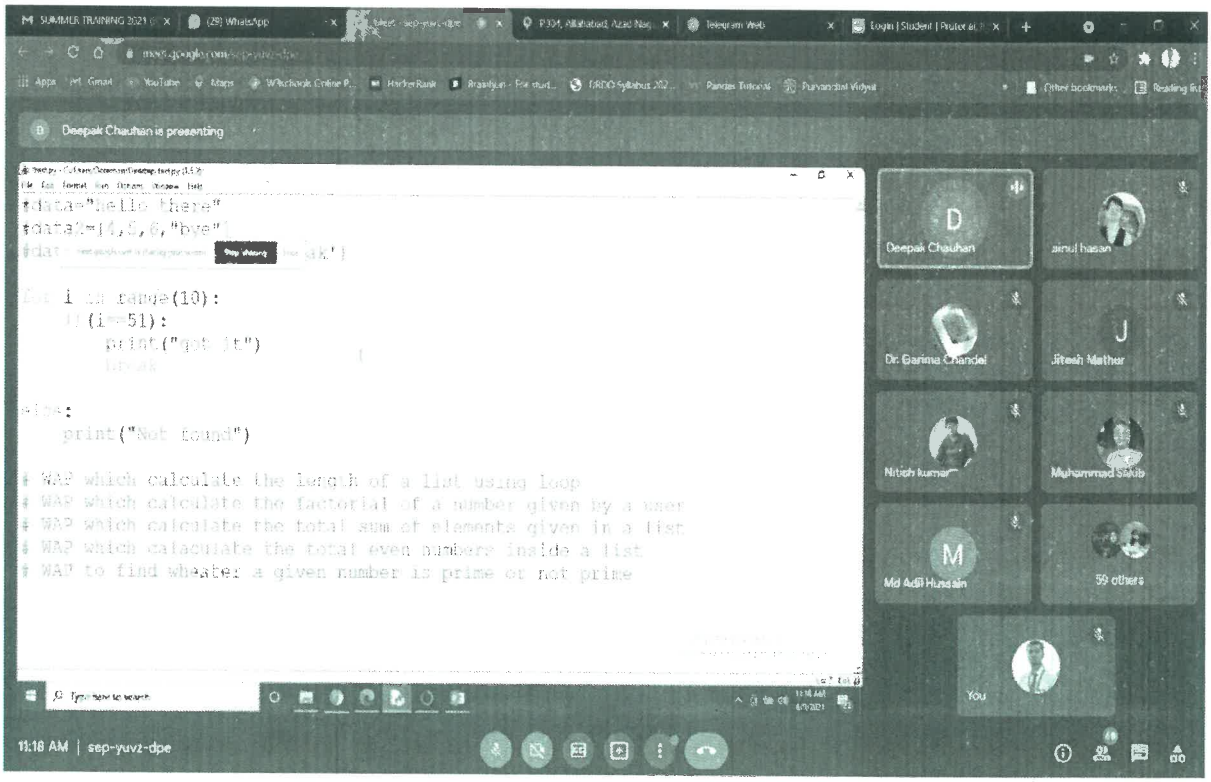
Deepak Chauhan is presenting
WAP which calculate the length of a list using loop
WAP which calculate the factorial of a number given by a user
WAP which calculate the total sum of elements given in a list
WAP which calculate the total even numbers inside a list
WAP to find wheater a given number is prime or not prime
Deepak Chauhan
ainul hasan
Dr. Garima Chandel
Jitesh Mathur
Nitish kumar
Muhammad Sakib
Md Adil Hussain
59 others
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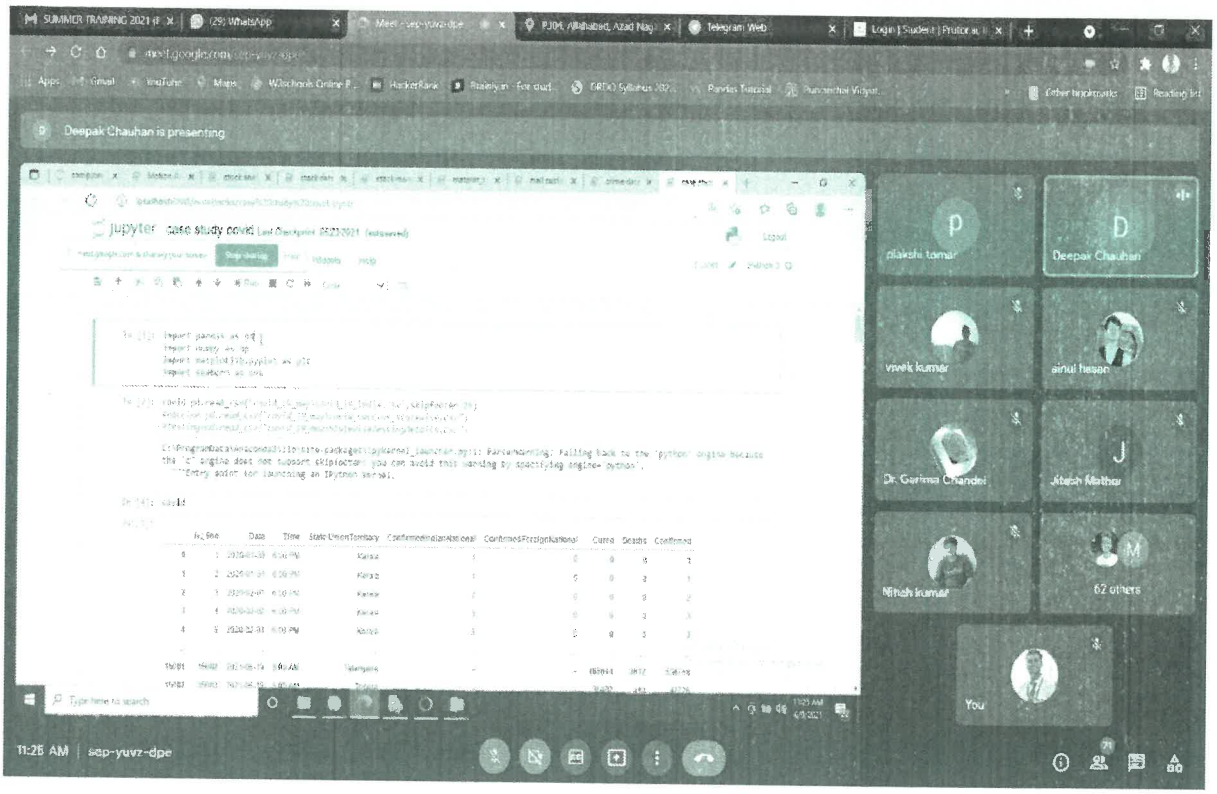
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jupyter
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Nitish kumar
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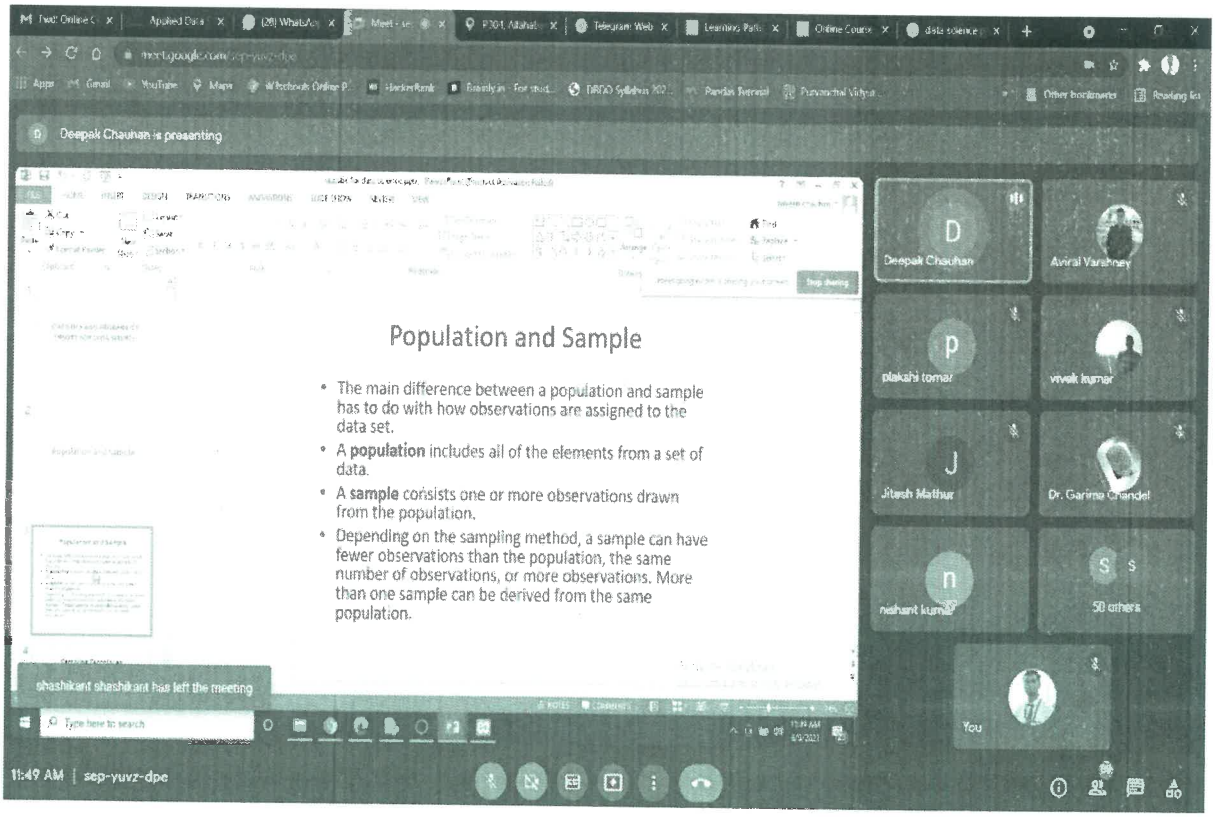
Deepak Chauhan is presenting
Population and Sample
The main difference between a population and sample has to do with how observations are assigned to the data set.
A population includes all of the elements from a set of data.
A sample consists one or more observations drawn from the population.
Depending on the sampling method, a sample can have fewer observations than the population, the same number of observations, or more observations. More than one sample can be derived from the same population.
shashikant shashikant has left the meeting
Deepak Chauhan
Aviral Varshney
plakshi tomar
vivek kumar
Jitesh Mathur
Dr. Garima Chandel
nishant kumar
50 others
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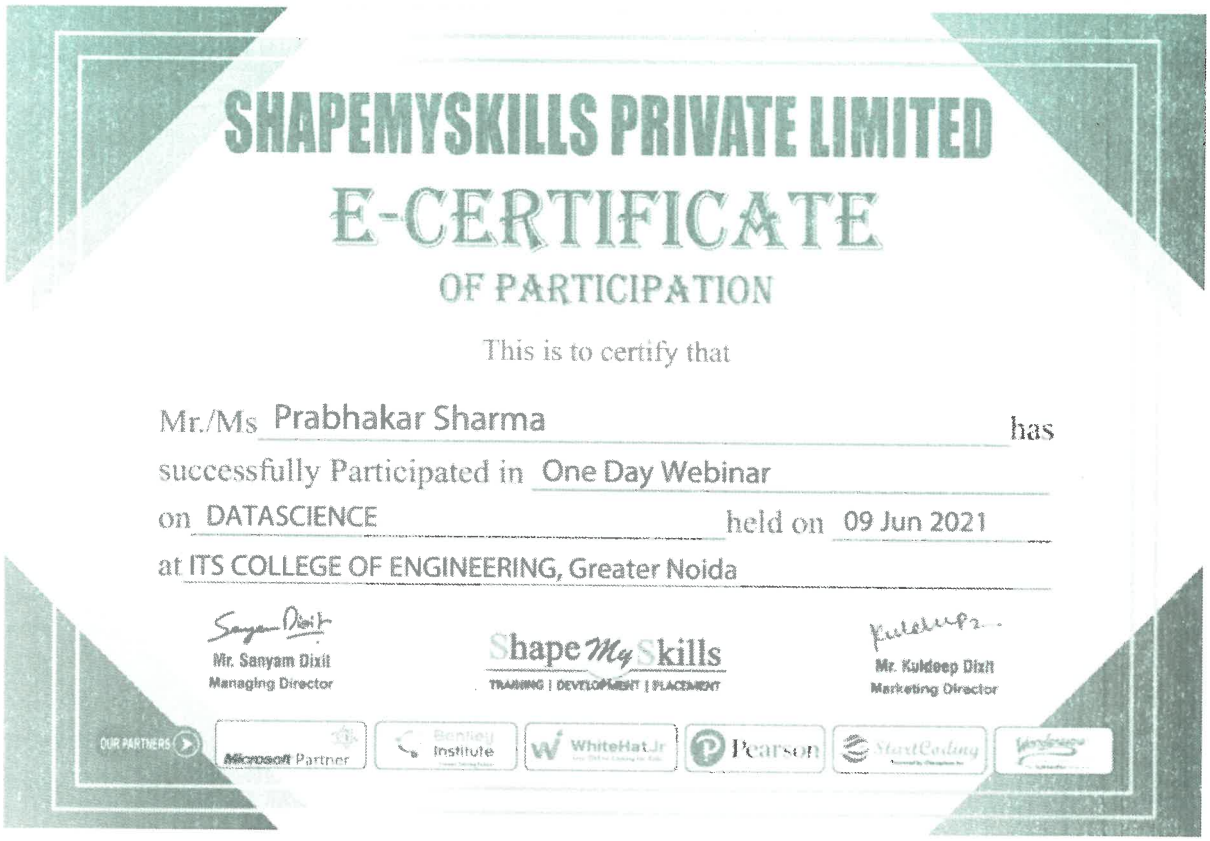
ONLINE CERTIFICATE SAMPLE:



SHAPEMYSKILLS PRIVATE LIMITED

E-CERTIFICATE

OF PARTICIPATION

This is to certify that

Mr./Ms Prabhakar Sharma has

successfully Participated in One Day Webinar

on DATASCIENCE held on 09 Jun 2021

at ITS COLLEGE OF ENGINEERING, Greater Noida

Mr. Sanyam Dixit
Managing Director

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Mr. Kuldeep Dixit
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DEPARTMENT OF MECHANICAL ENGINEERING

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Phone: (0120) 2331024, Mob. 9582647615 E-mail: hod.me@its.edu.in
Web: http://www.its.edu.in

Webinar Report

Name of the Event: Webinar on "A Guidance Program on Career Opportunities after B.Tech."
Invited Speaker: Prof. Anand Kumar, Motivational Speaker, Sr. Faculty Member, ACE Engg. Academy
Event Coordinators: Dr. Sanjay Yadav and Prof. Rohan Srivastava
Date of Event: 08/06/2021 (Tue.)
Time: 11.00 A.M. - 01.00 P.M.
Venue: Online (through Zoom platform)

Objective:

- To highlight the various career opportunities after B.Tech.

Main Report:

Departments of Mechanical Engineering and Civil Engineering, ITS Engineering College, Gr. Noida organized a career oriented webinar in its webinar series.
This webinar was on, **"Career Opportunities after B.Tech.",** held on 8th June, 2021. The webinar had a wonderful session by **Prof. Anand Kumar**, Sr. Faculty Member, ACE Engineering Academy for the guidance of students. He discussed the various career avenues in a lucid manner with great insight.

Prof. Kumar discussed about the basics of Civil Services Exam.(IAS/IPS) and Engineering Services Exam.(ESE/IES). He explained about the difference between ESE and GATE exams. He highlighted about the salient features and marking scheme of GATE exam. He exhibited the GATE 2021 cut off marks for various categories of students for different engineering branches. He told about the job prospective in different reputed PSUs like BARC, NTPC, ONGC, BHEL, HAL, BPCL etc. through GATE. He also discussed about the important subjects and their marks weightage for Mechanical and Civil Engineering for GATE exam.

Prof. Anand narrated about the M.Tech. admission through GATE score and direct admission in Ph.D in various IITs, NITs, Govt. Engg. Colleges etc. after B.Tech. He also explained in detail about different exams/tests for higher studies in Australia, Germany, America, Singapore etc. He motivated the students a lot for these career options. In essence, this webinar helped students, to understand the basic aspects of various career opportunities.

Dr. Sanjay Yadav, Head, Mechanical and Civil Engg. Department, welcomed the eminent speaker and his team on behalf of both the departments and I.T.S Engineering College and emphasized the need of such career oriented guidance programs in future also. Prof. Harsh Gupta, introduced the speaker and took the charge of webinar efficiently. More than 160 participants including students and faculty members attended the webinar. Prof. Anand Kumar answered all the queries of students. At the end of webinar, Prof. Harsh Gupta gave a vote of thanks to the speaker and his team.

Webinar Outcomes:

i) The students learned about the basic procedure of various career opportunities after B.Tech.
ii) Understood the importance of GATE/CSE/ESE exams.

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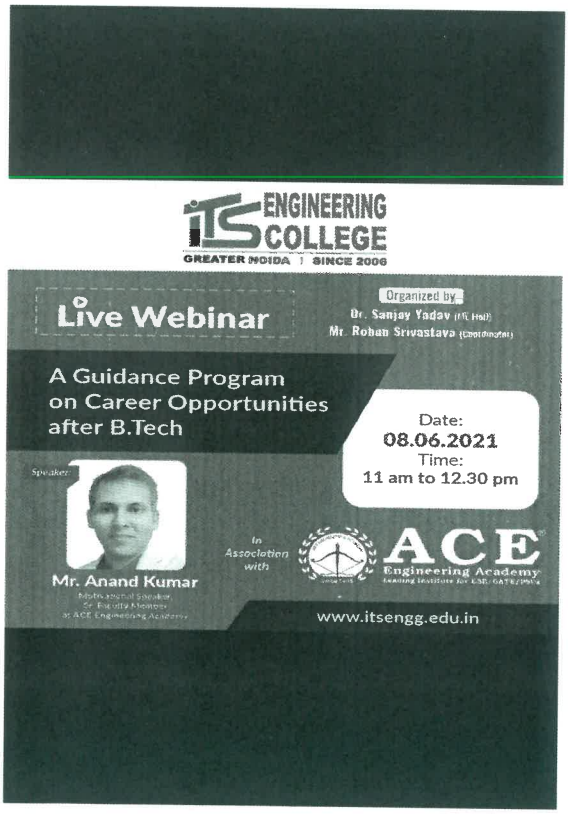
Participation details:

Students: B. Tech. Second Year, Third Year and Final year Students of ME and CE Deptt. (approx. 150)
Faculty Members: 14

Mr. Harsh Gupta
Asst. Prof., Mech. Engg. Deptt.

Glimpse of the event with few photographs:



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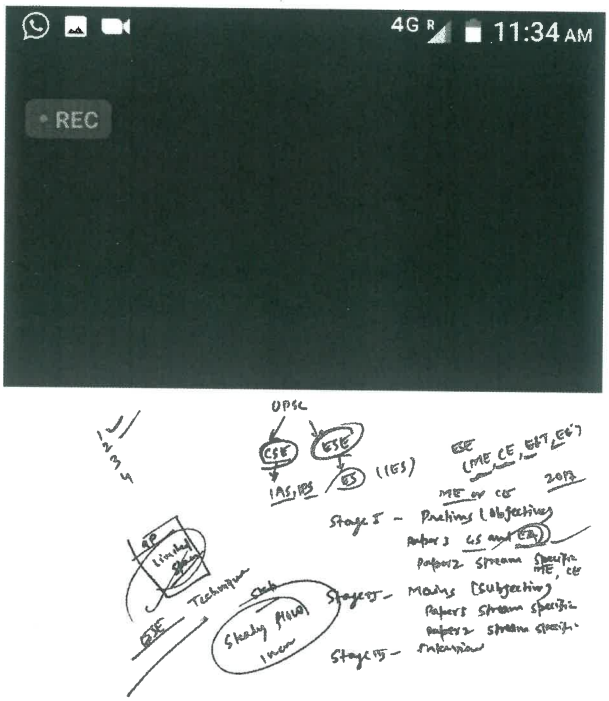

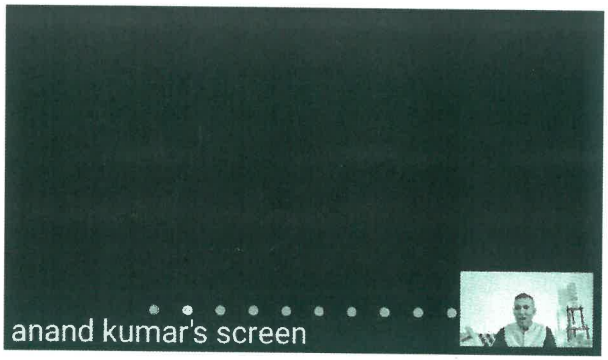

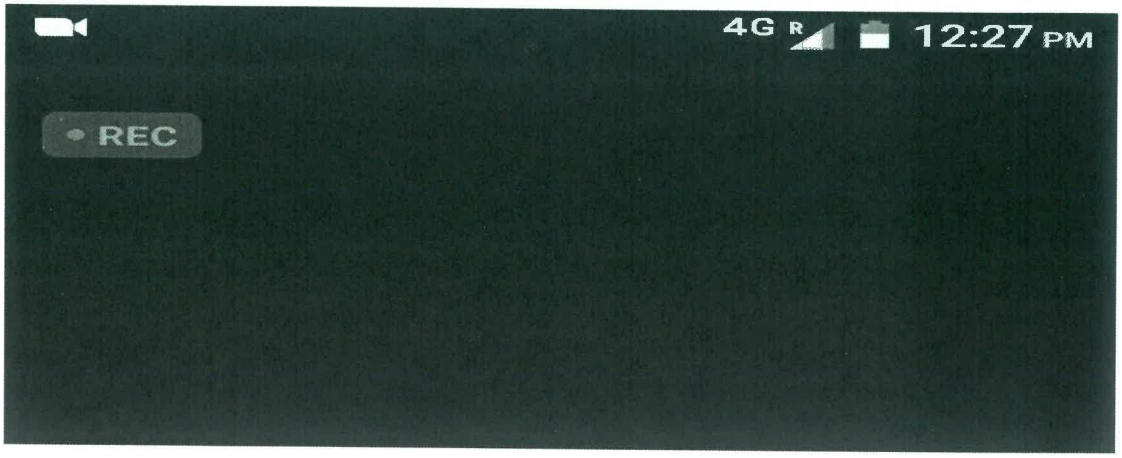

PSUs Through GATE

Branch	PSUs Through GATE and Independent Exams	Total No. of PSUs
Civil	BARC, BSPHCL, CONCOR, CVPPPL, DDA, DMRC, GSECL, HAL, HPU,HPCL, IOCL, IRCON, KRIBHCO, MECON, MRVC, NALCO, NBCC, NHAI, NHPC, NLC, NTPC, ONGC, OPGC, RVNL, RITES, THDC, GSECL, PGCIL, IOCL,DRDO, BIS	31
Mechanical	BARC, BEML,BEL, BHEL, BNPML, BPCL, CEL, CIL, CONCOR, DDA, DMRC, DVC, GAIL, GSECL, HAL, HPU, HPCL, IOCL, IRCON, KRIBHCO, MDL, MDSL,MECL, MECON, NALCO, NFL, NHPC, NLC, NTPC, ONGC, OPGC, RITES, THDC, DRDO,ECIL,SAIL,BIS	37
Electrical	AAI, BARC, BBNL, BEML,BHEL, BNPML, BPCL, BSPHCL, CEL, CIL, DDA, DMRC, DVC, GAIL, GSECL, HAL, HPU, HPCL, HPGCL, IOCL, IRCON, KRIBHCO, MDL, MDSL, NALCO, NFL, NHPC, ONGC, OPGC, PGCIL, PSPCL, RITES, RVNL, THDC, WBSEDCL, DVC,DRDO,BSNL,SAIL,POSOCO,BIS, NTPC	42
Electronics	AAI, BARC, BBNL, BEL, BNPML, BEML,BPCL, Cabinet Secretariat, CEL, DMRC, DVC, HAL, HPCL, IOCL, IRCON, KRIBHCO, NALCO,NLC, NTPC, ONGC, RITES, RVNL, WBSEDCL,DRDO,BSNL,ECIL,BIS	27
Instrumentation	BARC, BFL, BPCL, DMRC, DVC, GAIL, IOCL, IRCON, KRIBHCO, NALCO, NFL, NLC, NTPC, ONGC, OPGC,DRDO,BSNL,SAIL	18
CSIT	BARC, BBNL, BEL, Cabinet Secretariat, CONCOR, CRIS, DMRC, DVC, GSECL, IOCL, KRIBHCO, NLC, ONGC, NTPC, PGCIL,DRDO,BSNL,ECIL,POSOCO,BIS	20

Direct recruitment to Group A level posts in Central government, i.e., Senior Field Officer(Tele), Senior Research Officer (Crypto) and Senior Research Officer (S&T) in Cabinet Secretariat, Government of India, is now being carried out on the basis of GATE score.

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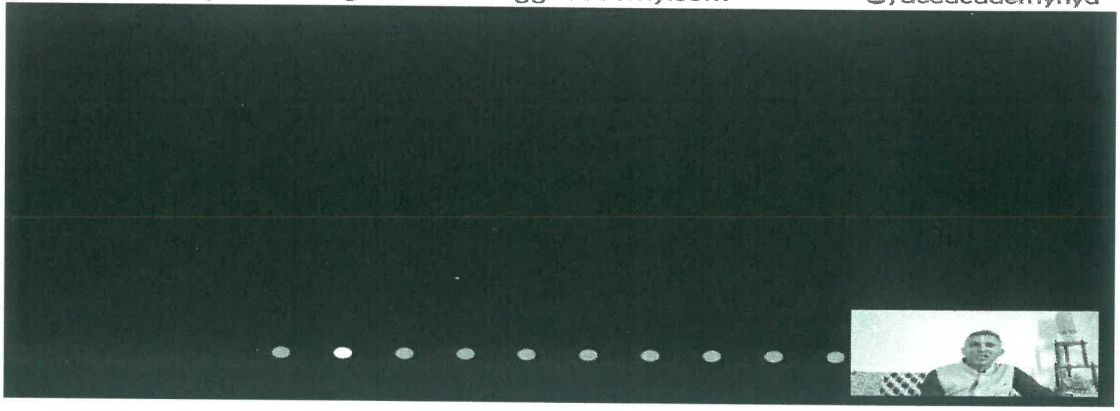

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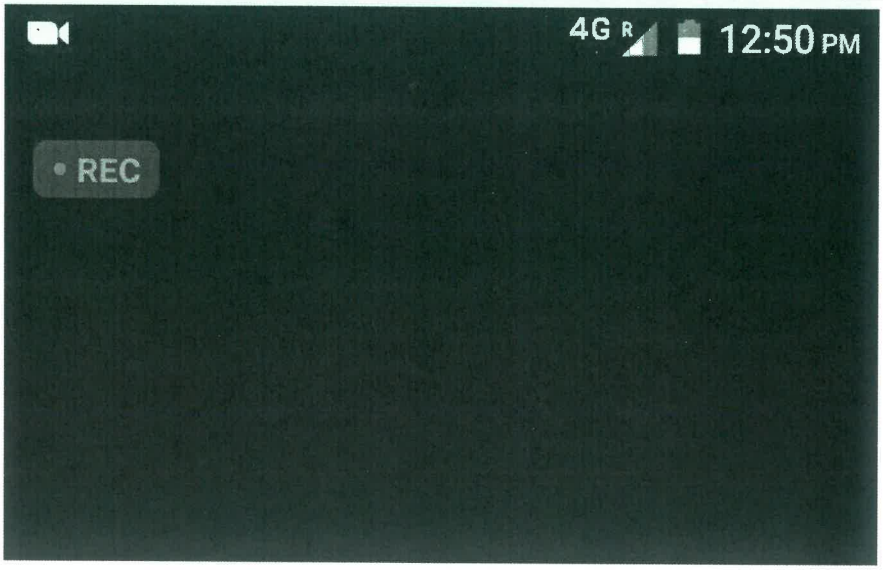

Important subjects for GATE - ME

Subject	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
General Aptitude	15	15	15	15	15	15	15	15	15	15
Engg. Maths	15	15	13	14	13	13	13	14	15	14
Production Engg.	13	17	14	16	15	15	17	16	15	16
Thermal Engg.	12	10	10	10	10	10	9	10	12	10
Strength of Materials	11	6	6	8	10	9	10	8	8	6
FM&HM	4	6	8	5	8	9	9	7	8	8
Theory of Machines	7	9	11	9	7	7	7	10	6	8
Heat Transfer	8	8	6	10	7	6	4	7	5	6
IM & OR	6	4	6	6	5	6	6	5	6	8
Engg. Mechanics	4	4	5	3	6	5	6	4	4	4
Machine Design	5	6	6	4	4	5	4	4	6	5

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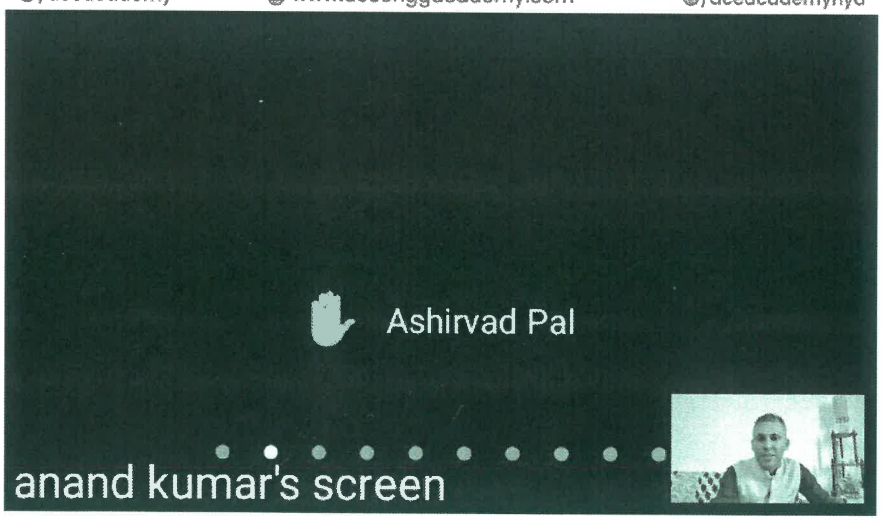

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

EVENT REPORT

Name of Event: IEEE UP Section Student Meet

Date of Event: 6th June, 2021

Time of Event: 11 AM to 1 PM

Organized by:IEEE Uttar Pradesh Section

Eminent Speaker: Dr. Satish Kumar Vice President,IEEE, UP Section Associate Prof., CSE Department, Institute of Information andTechnology Allahabad, Mr. Ankit Yadav, Doctoral Student, IIT Kanpur, Section Student Representative (SSR)- IEEE Uttar Pradesh Section

Objective: To aware students about the benefits of IEEE.

Report:

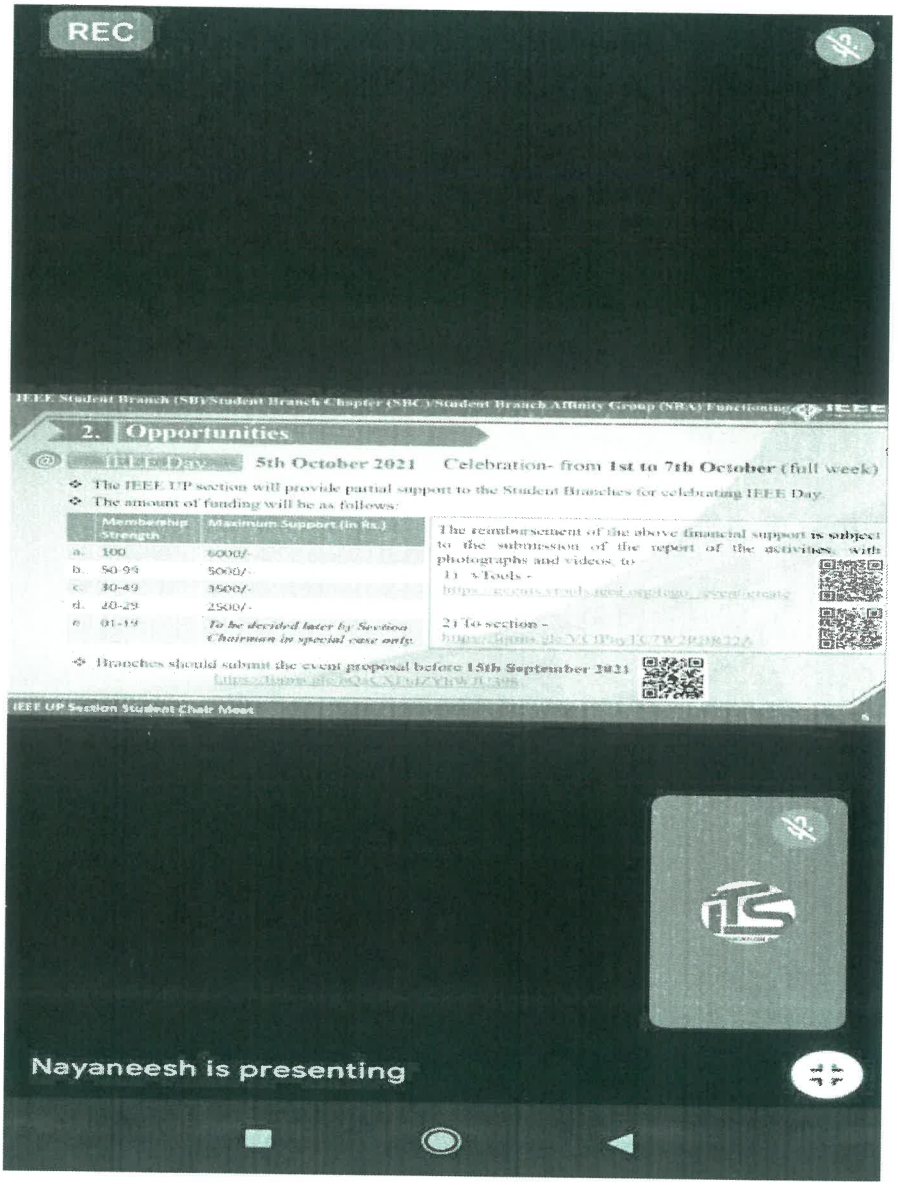
On 6thJune, 2021, honorary personality **Dr. Satish Kumar (Vice President,IEEE, UP Section Associate Prof., CSE Department, Institute of Information andTechnology Allahabad)** addressed a meeting with students and faculty members from different colleges of UP. In the meeting, Dr. Satish Kumar discussed about the benefits of being a IEEE member.He addressed about how IEEE membership cankeep students updated with latest technologies, promote research culture inthem and built a platform for future career aspects.

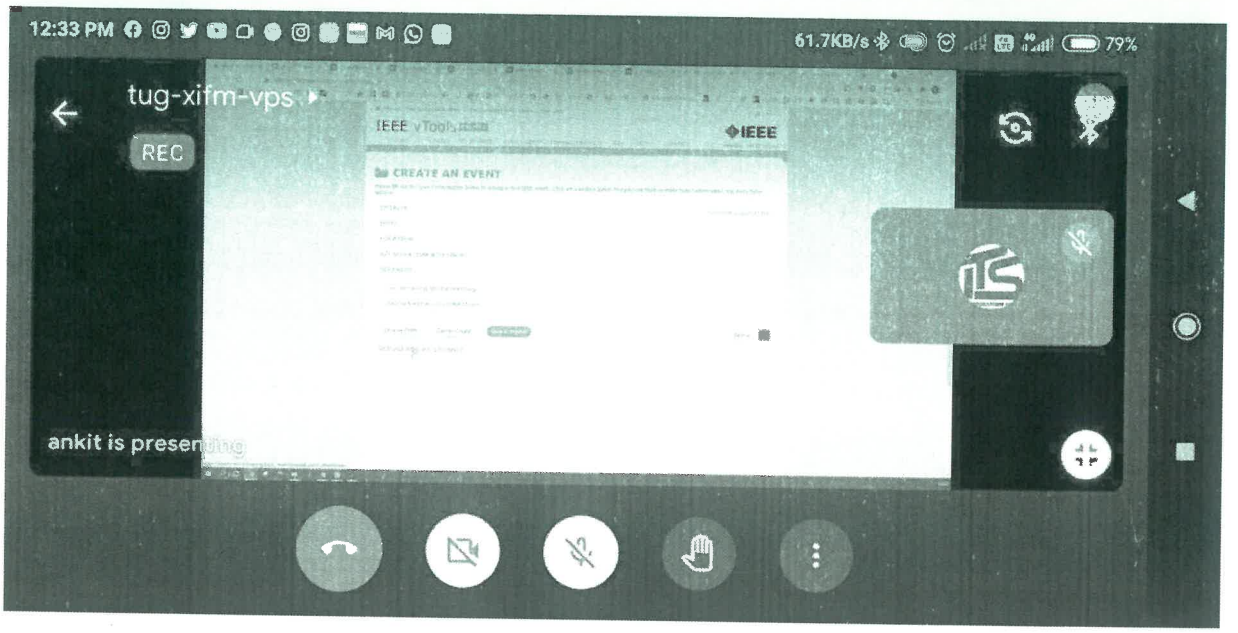
Mr. Ankit Yadav, Doctoral Student, IIT Kanpur, Section Student Representative (SSR)- IEEE Uttar Pradesh Sectionalso addressed all the students and faculty members and discussed about the process of opening a student chapter. He also demonstrated how to upload and create activities in VTool. He also discussed about IEEE OU Analytics where surveys are submitted for all the events.

Following are the main key points which were discussed:

- About U10 initiative which means that one student section should organize minimum 10 events in a year which are funded by IEEE. Events can be technical as well as non-technical.
- IEEE UP Section organize four hands on workshop in the month of June which are free for IEEE members. For non-members it costs 500 per workshop.

Program Outcomes: Gained information about the benefits of IEEE and use of VTool.

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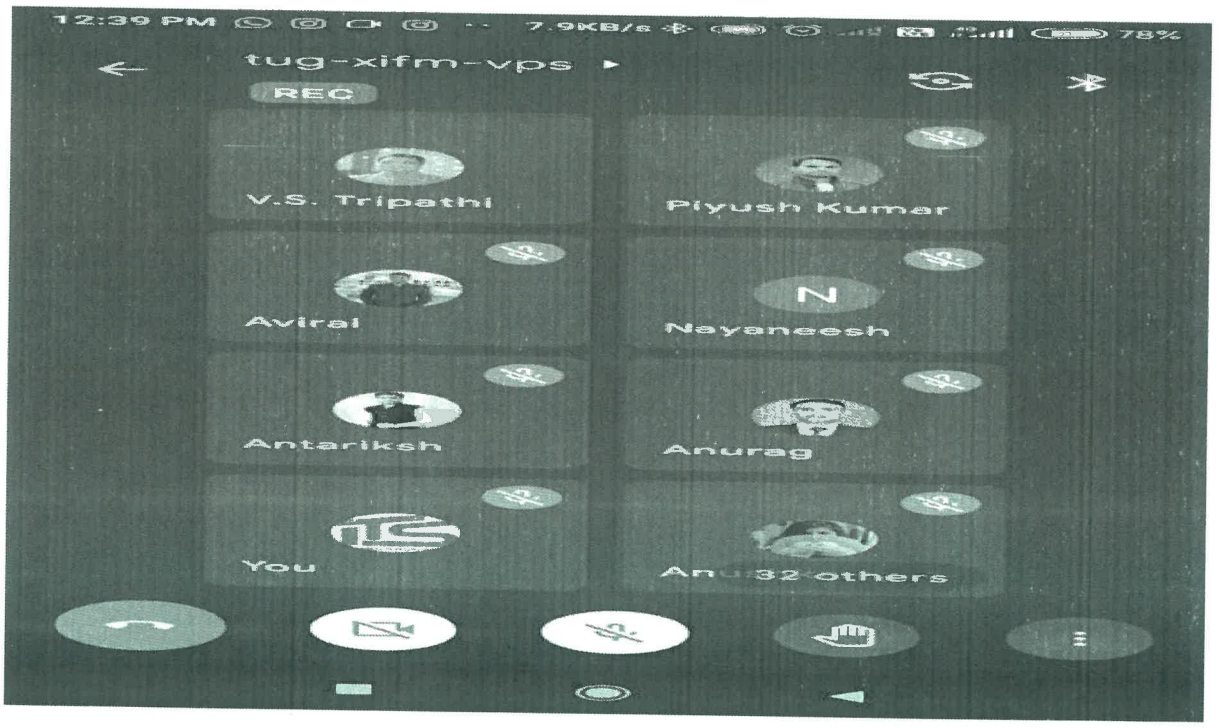
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Nayaneesh
Antariksh
Anurag
You
32 others

Name of Attendees:

Faculty Members: Dr. Monika Jain, Dr. Garima Chandel, Dr. Setu Garg

Students: Abhay Purwar, Tushar, Ainul Hasan, Aviral Varshney, and Antariksh Gupta

EVENT REPORT

Name of Event: World Environment Day

Date of Event:5th June, 2021

Organized by: ECE Department, IEEE Student Branch UP Section

Event Coordinator:Dr. Setu Garg, Dr. Garima Chandel

Objective: World Environment Day is the sole largest celebration of our environmentwhich is celebrated on June 5 every year. Its main **objective** is to protect and nurture our environment to achieve the sustainable development of the world.

Report: Students of **IEEE Student Branch UP Section (Branch Name: IEEE SB ITS, Branch Code: STB-16051)** organized World Environment Day on 5th June, 2021. It is a UN Environment-led global eventcelebrated by thousands of communities worldwide. Since its commencement in 1972, it has grown to become a global platform for public outreach that is widely celebrated across the globe. This year, the theme of World Environment Day is **"Reimagine. Recreate. Restore.".**

Reflecting the Indian philosophy and lifestyle of co-existence with nature, I.T.S Engineering College – a premier technical institute in Greater Noida has also contributed in a small way to celebrate World Environment Day coordinated by Dr. Setu Garg & Dr. Garima Chandel. In today's challenging times of Covid-19 lockdown, a plantation drive by I. T. S students were done at their respective locations. Hundreds of I. T. S students joined this drive and planted sapling in their villages, town and even at their homes in high rise societies.

Dr. B.C. Sharma Director, I.T.S Engineering College urged everyone to come together in fighting the global menace of Pollution and decreasing biodiversity in our locality, he also said that the only way to achieve this is to plant more diverse trees which will help to decrease pollution level and will restore the biodiversity of our ecosystem.

Program Outcome:

This event is important for the survival of mankind on earth.

The following outcomes were achieved through the event-

1. Students planted tree in their locality.
2. The students of technical background were sensitized for environmental protection
3. Green cover of student's locality and surroundings is increased.

Scope of Improvement:

- More students can get involved to make this event more successful.
- Students can sensitize other villagers also.

No. of Faculty attended: 12

No. of Student attended: 141

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Name of the Event: Expert talk on Career Prospects with Digital Marketing
Invited Speaker: Mr Abhijit Chakraborty, VP Digital & Content Strategy-Expedify.io and Ms. Ashwini V Desai, AVP Digital Marketing LilacBuds.
Event Coordinator(s): Ms. Rashmi Kaushik and Ms. Sana Vakeel
Date of Event: 10/07/2021 (Sat.)
Time: 11.00 A.M. - 01.00 P.M.
Venue: Online (through Google Meet)

Objective:
The objective of this talk will be to discuss and make the students aware about the skills required to enter and flourish in a real working environment, specifically in the field of digital marketing.

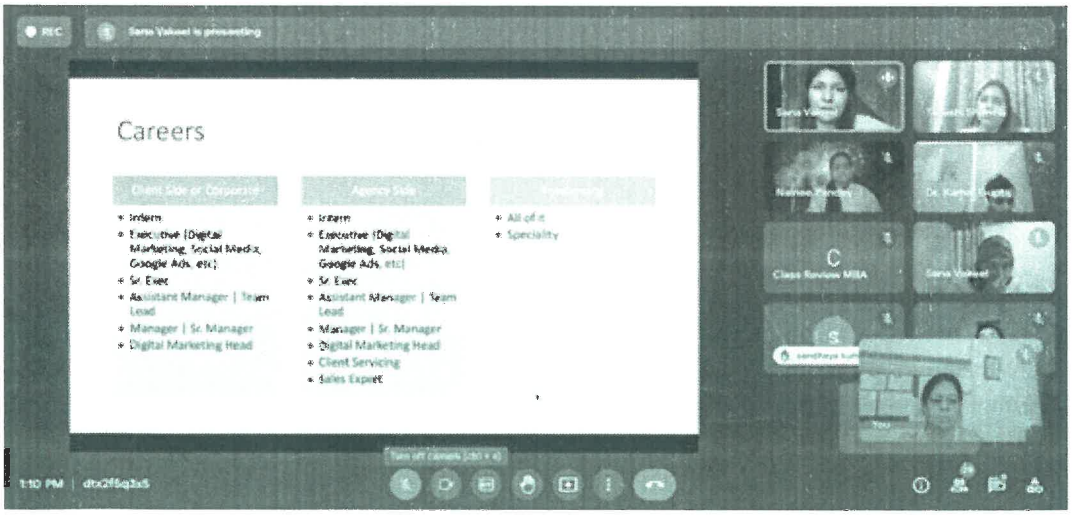
Main Report:
The program was mainly organized for **MBA and B.Tech** students, with the aim to build awareness of the broad array of career opportunities in digital marketing available to our students. Also, it was a great opportunity for students to learn and gain insights about the recent trends of the digital marketing industry from experts.

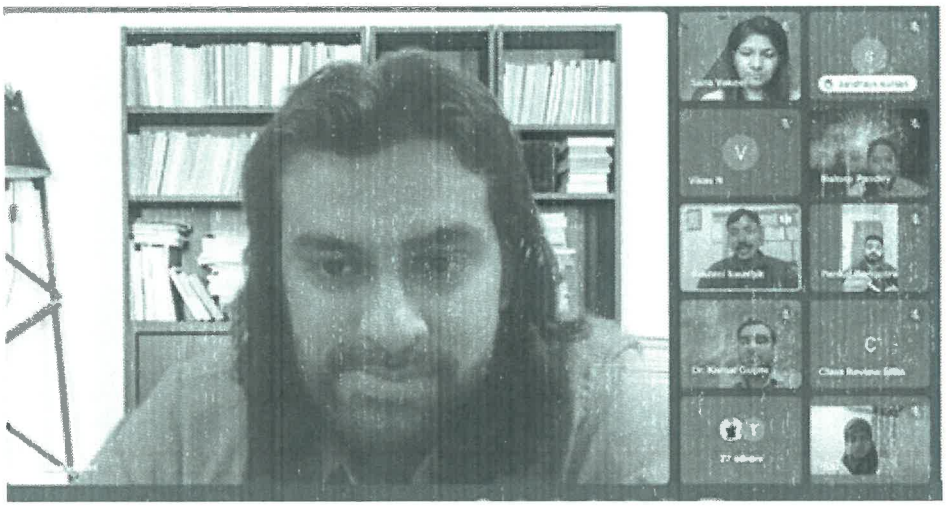
Guest Speakers who shared their real time experience were - Mr Abhijit Chakraborty, VP Digital & Content Strategy-Expedify.io and Ms. Ashwini V Desai, AVP Digital Marketing LilacBuds.

Outcome of the event:

1. Students of MBA and Btech. got real time exposure on emerging trends of digital marketing.

2. Students got the idea of various career opportunities lies in Digital Marketing.





REC
Sweta Vaksani
Pankaj Bangotra
S
sandhaya kumari
Nishtha Pandey

Name of Event: Webinar on "Competency Skills Required for Employability"

Date of Event:7th July , 2021.

Time: 11:45 AM.

Organized by: E.C.E Department, ITS Engineering College.

Event Coordinator: Ms. Apurva Thakur (Asst. Prof. ECE Department)

Speaker: Mr. SatishAnand

Speaker Profile: Mr. SatishAnand is a renowned Josh Talk speaker, an award winning international author. He has Soft Skills training experience of more than 19 years and has successfully provided training services in more than 150 + universities and colleges across Asia.

Event Objective: The main objective of this webinar was to create an awareness among the students about the various careerpaths available and how they can effectively prepare themselves to secure good jobs in the industry.

Report:The event began by felicitation of Mr. SatishAnand by Dr. Monika Jain (Professor and Head of Department).MrSatishAnand discussed about various career paths available in the industry like digital marketing, IOT , Embedded Systems etc.

He told students about what are thecompany's actual expectation from them and how they can prepare themselves for it. He also taught various placement grooming tips which can help students to crack job interviews.

Proceeding through session Mr. Anand talked about building a "X-factor" to get into top companies. He explained that building a good technical profile is very essential to get a good job. The entire session was entirely informative and interactive.

The key highlights of the session were:

1) How to get into fortune 500 Companies.
2) Profile building for higher education.
3) Technical profile boost for placements.

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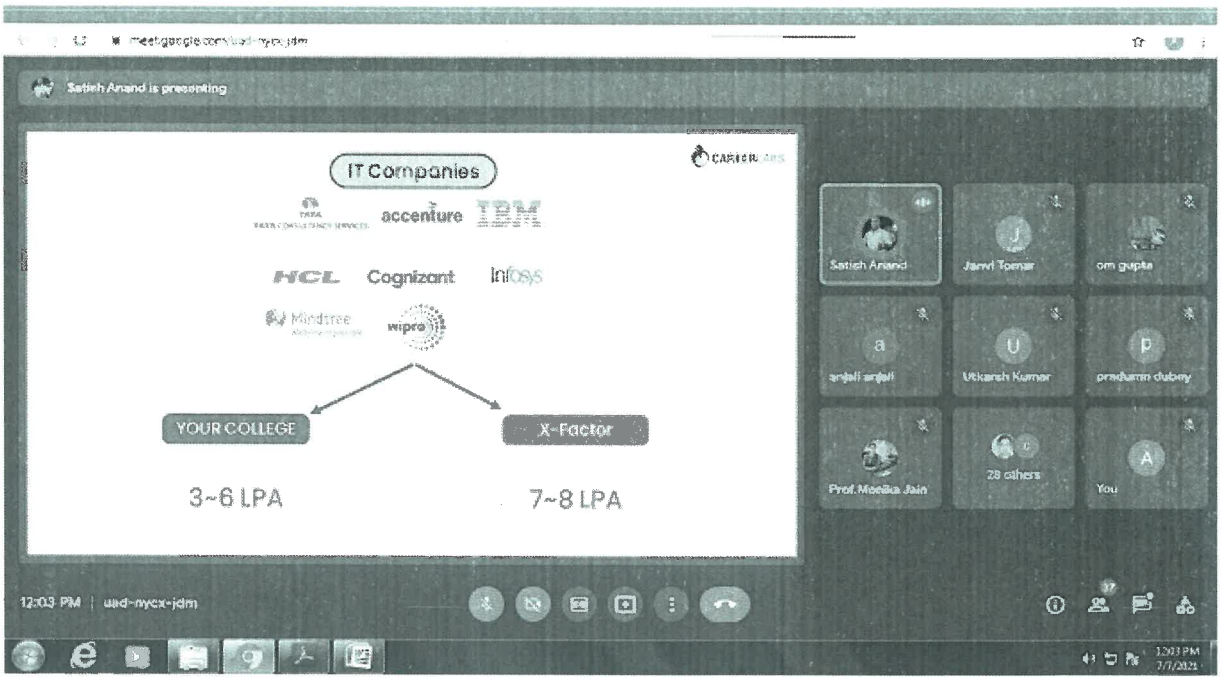
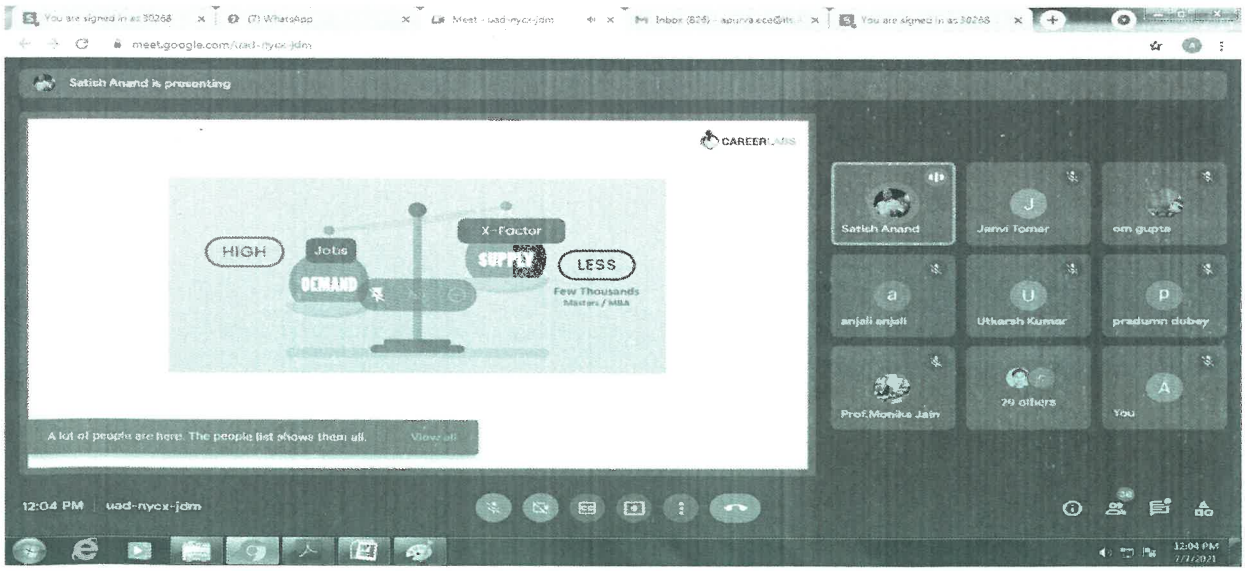
Department of Electronics and Communication

Program Outcome: Students gained information aboutvarious career paths available and how they can effectively prepare themselves to secure good jobs in the industry.

Program attendance: 35 (including teachers and students).





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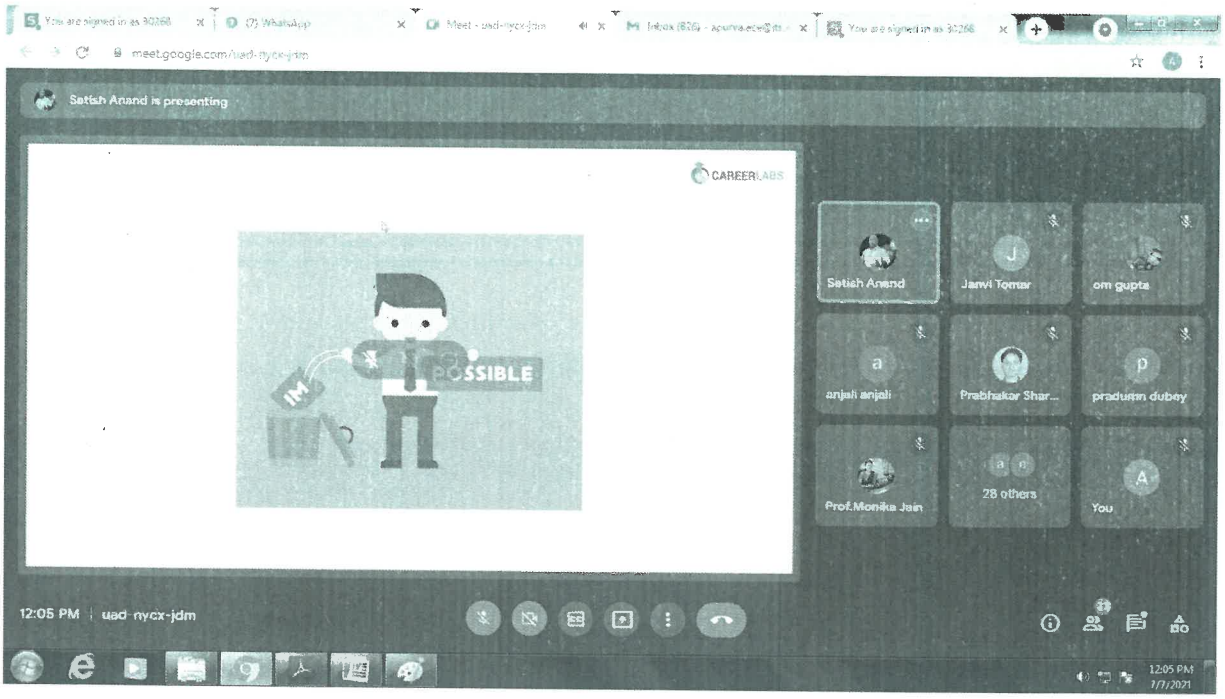
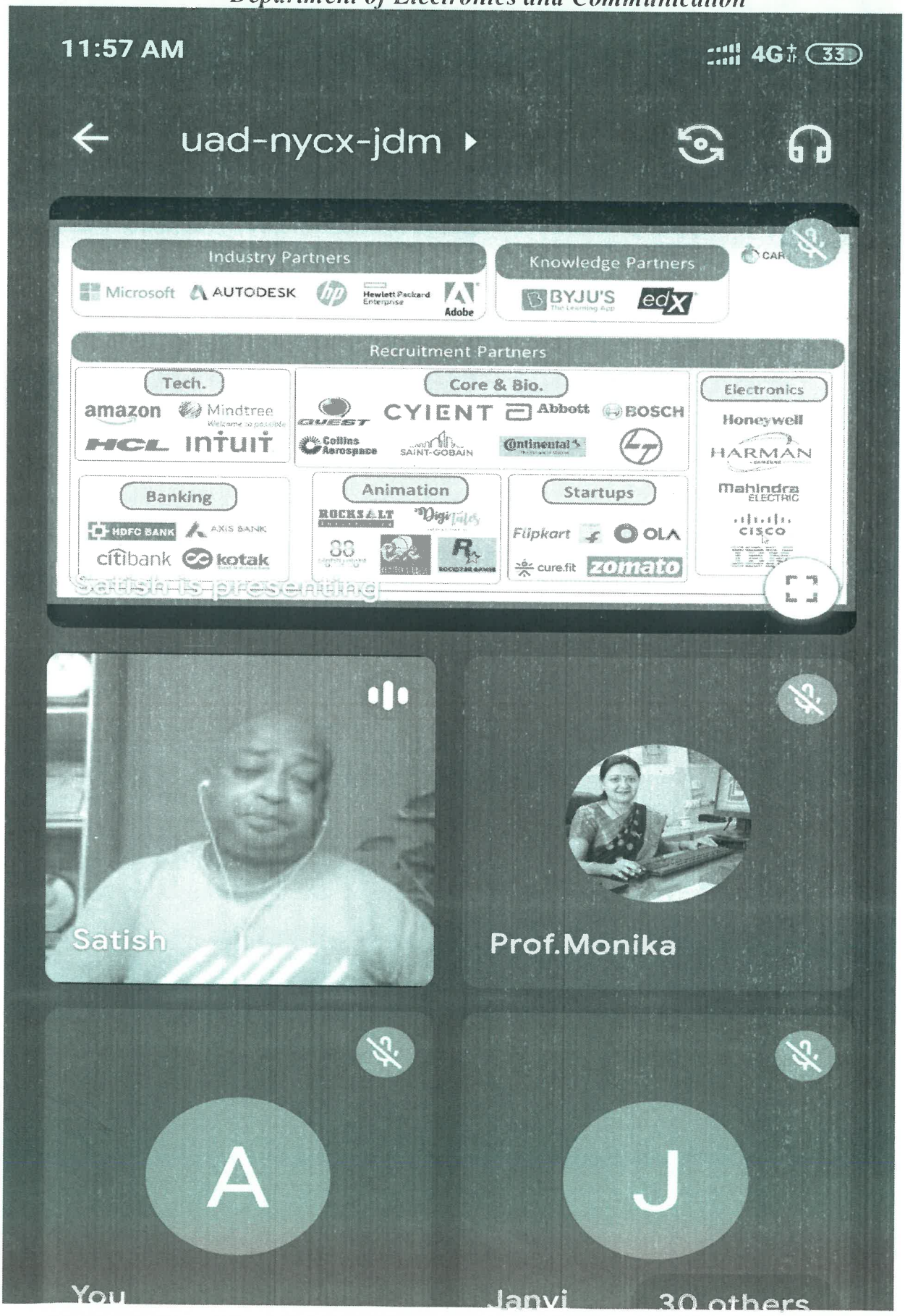
Department of Electronics and Communication

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Core & Bio.
QUEST
CYIENT
Abbott
BOSCH
Collins Aerospace
SAINT-GOBAIN
Continental
Electronics
Honeywell
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AXIS BANK
citibank
kotak
Animation
ROCKSALT
DigiTales
Startups
Flipkart
OLA
cure.fit
zomato
Satish
Prof.Monika
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Janvi
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Social Media Links:

Linkedin link

https://www.linkedin.com/feed/update/urn:li:activity:6818848773758951424

Instagram Link

https://business.facebook.com/creatorstudio/instagram_content_posts

Facebook

https://www.facebook.com/ITSengggn/photos/a.131241866977472/3579927548775536/

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I.T.S ENGINEERING COLLEGE
GREATER NOIDA
(A NAAC Accredited Engineering College)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Expert Webinar Report

Name of the Event: Expert Webinar on "CCNA and Hacking"

Invited Speaker: Mr. Iftekhar Ahmad, CCNA Admin at the CETPA Groups of Companies

Event Coordinator(s) Dr. Ashish Kumar, Professor and Head of Department, and Mr. Devesh Garg (Asst. Professor-CSE).

Date of Event: 03/07/2021

Time: 10.00 A.M. - 12.00 Noon.

Venue: Online (through gotomeeting platform)

Objective:

- To highlight the security issues and solutions in networking.

Main Report:

On 3rd July 2021, Department of Computer Science & Engineering, ITS Engineering College, Greater Noida organized webinar on "CCNA and Hacking". The speaker of the event was Mr. Iftekhar Ahmad is CCNA Admin at the CETPA Groups of Companies. He has vast experience with IBM and expertise on various technologies some of them are Networking, Network Security, Network Infrastructure and Ethical Hacking. He has also Experience of giving Training/Workshops in reputed organizations.

The event was organized by **Dr. Ashish Kumar, Professor** and **Head of Department** and was facilitated by **Mr. Devesh Garg (Asst. Professor-CSE).** Mr. Ahmad explained about Networking, How the network infrastructure design, the role of network engineer , How the network prevent from phishing and handling security features in websites and explained with live examples. He explain the carrier opportunities as network and security engineer in this field and explain about various tool that use in networking and security prevention.

Webinar Outcome:

i) The students got deep insight of networking and hacking.

ii) Students learnt about the carrier opportunities as network and security engineer in the field.

Participation details:

Students and faculty of Computer Science & Engineering Department.

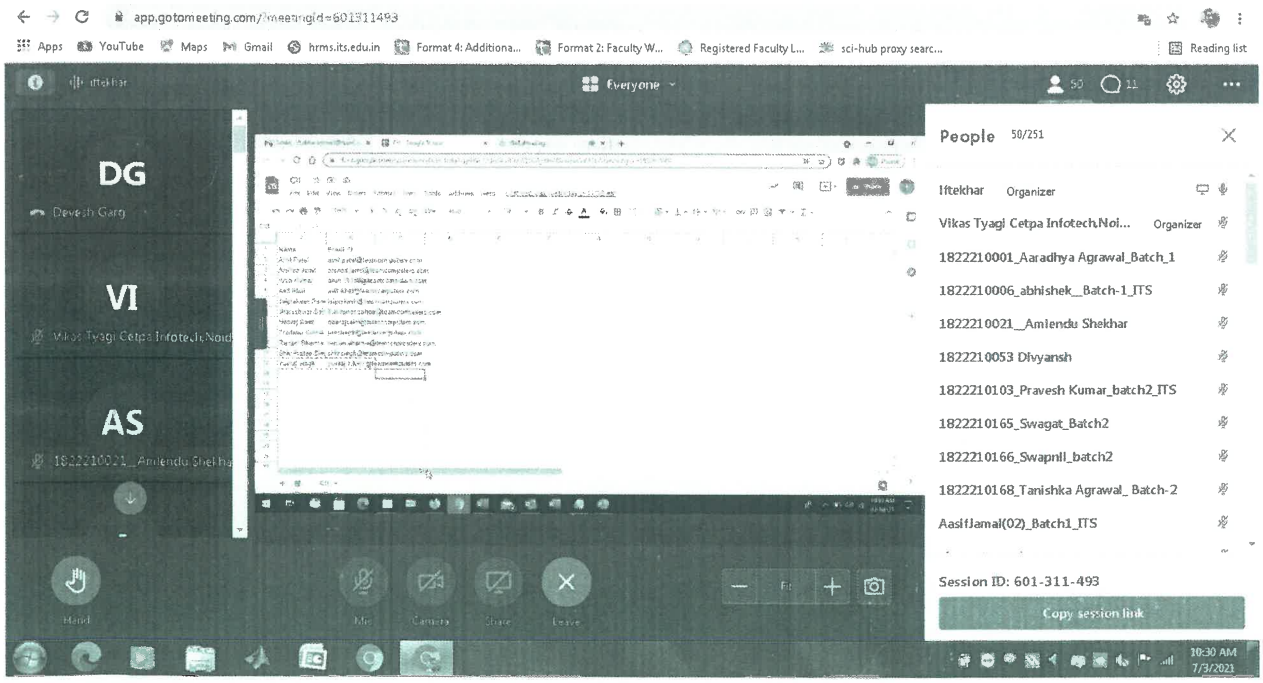
Dr. Ashish Kumar

Professor, Head of Department, CSE Deptt.

Mr. Devesh Garg

Asst. Prof., CSE Deptt.

Glimpse of the event with few photographs:



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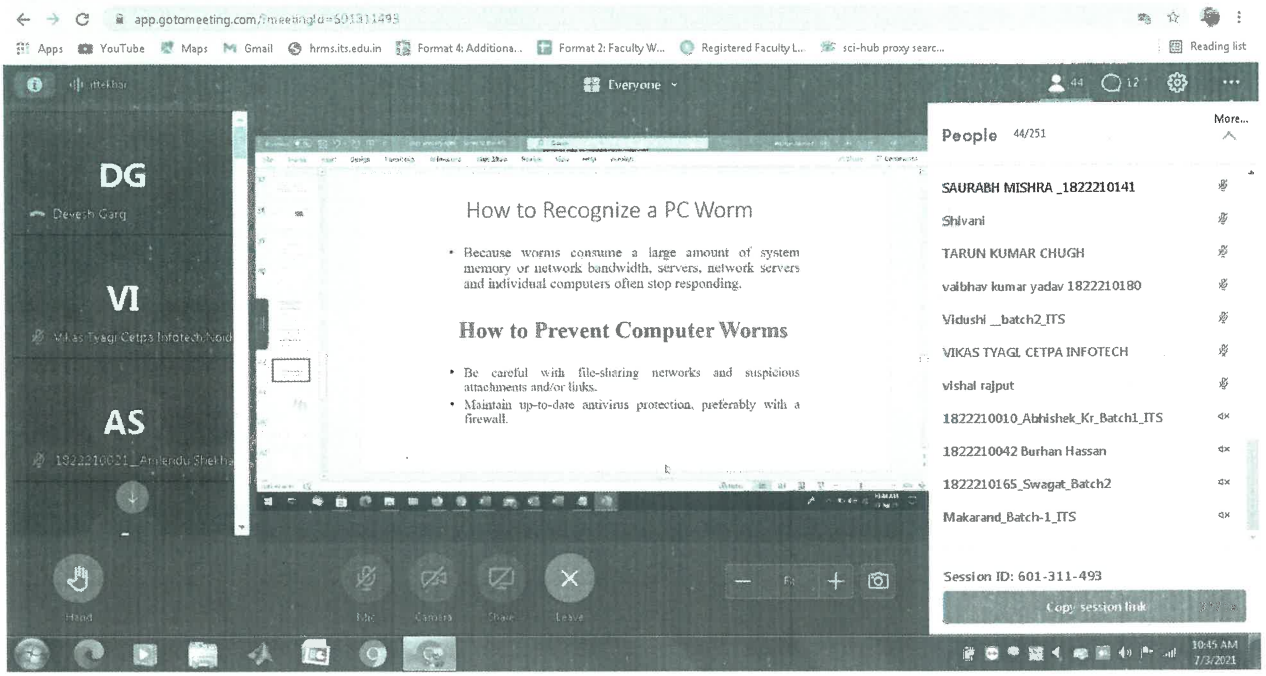

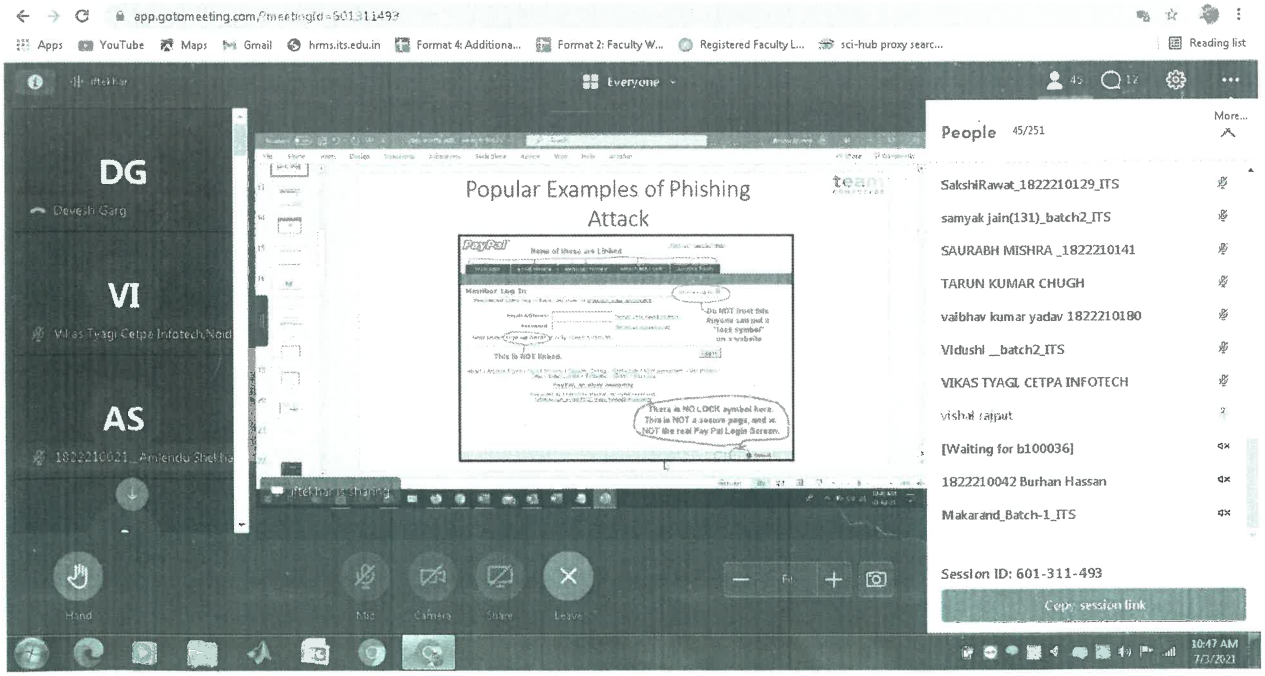

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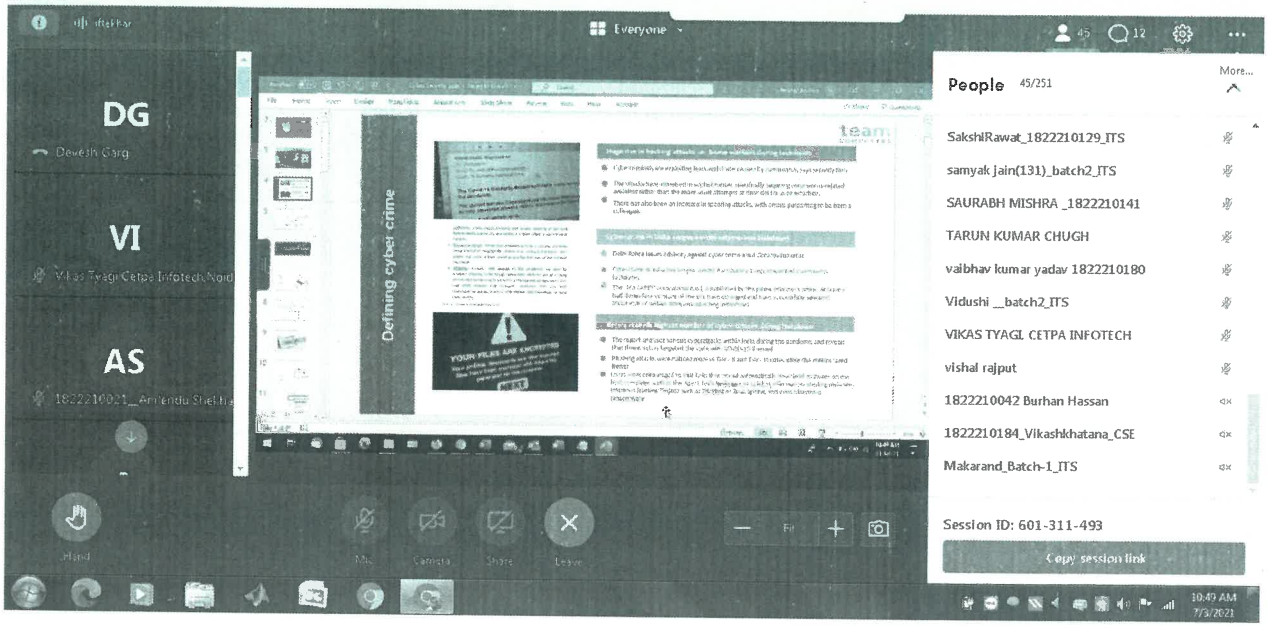

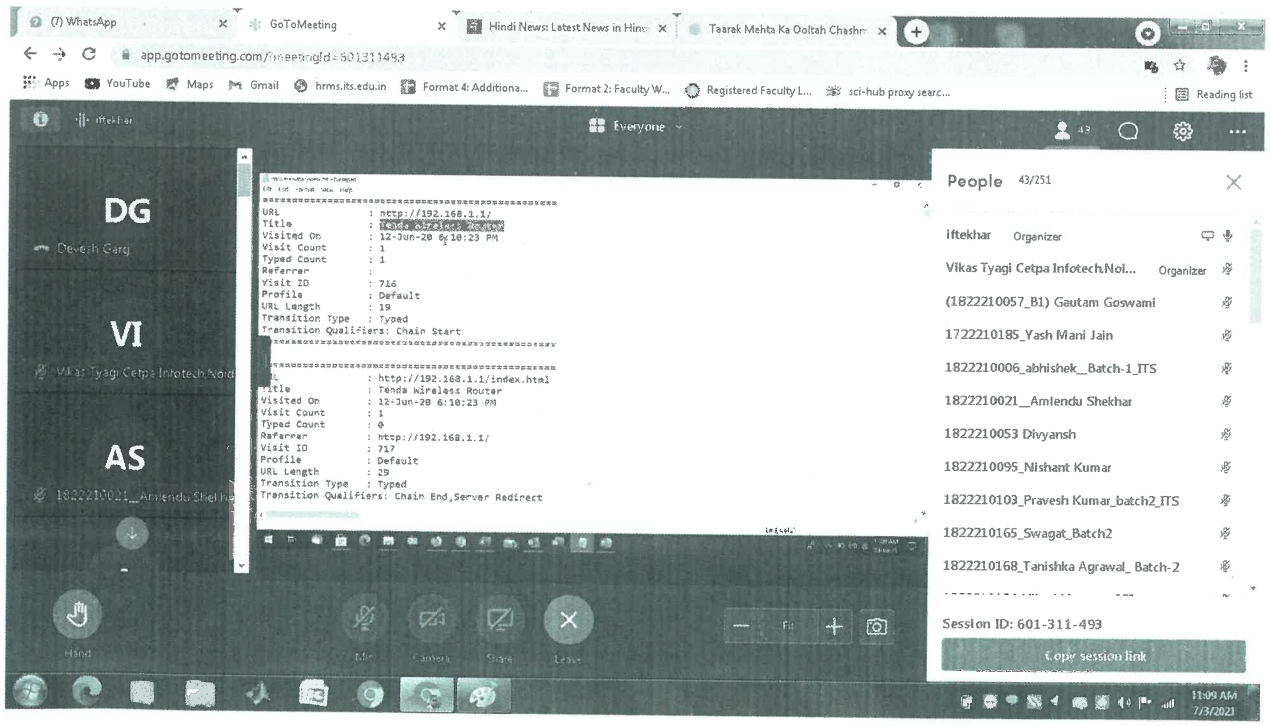

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Online Webinar on
CCNA

Date:- 03 July, 2021 at 10:00 to 12:00 PM

Speaker	Convenor
Mr. Iftekhar Ahmad CCNA Admin	Dr. Devesh Garg

Registration Link:- https://forms.gle/EAi2CjTmteeGnp8k7

Partners:

Organized by: Department of CSE

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