



# POORNIMA

## COLLEGE OF ENGINEERING

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

### Poornima College of Engineering, Jaipur

#### Activities Organized under the MoU with Rapidops Solutions Pvt. Ltd., Ahmedabad

S .N.	Department	Date	Type	Name of Activity	Page No.
1	Computer Engineering	1/6/2020	Webinar	Research challenges in 5G Networks	2-9
2	Computer Engineering	24/12/20	Webinar	Data Analytics	10-15
3	Computer Engineering	11/9/2022	Webinar	Objects and Human Faces detection using Machine Learning	16-21

  
**Dr. Mahesh Bunde**  
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### A REPORT ON WEBINAR

**TITLE AND DURATION:** “Research Challenges in 5G Networks” on June 01, 2020

**SPONSORS & SUPPORTERS:** Poornima College of Engineering and Rapidops Solutions Pvt. Ltd., Ahmedabad under the MOU Activity.



**ORGANIZER(S):** Department of Computer Engineering, Poornima College of Engineering, Jaipur.

#### **EXPECTED OUTCOMES:**

- CO1 - Students will learn about 5g and 6g networks
- CO2 – Students will be able to need of quality research and how one can do the same effectively.

#### **MAPPINGS WITH PO & PSO:**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
CO2	-	-	-	-	-	3	-	-	-	-	-	-	-	2	-

**ASSESSMENT TOOLS:** Oral Feedback.

FLYER/POSTER:



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**Live Interaction**



Webinar Organized by  
**Department Computer Engineering**



**SPEAKER**

**Dr. Sanjay K. Biswash**  
(Ex-research scientist  
at Tomsk Polytechnic University, Russia)  
Research Expert of 5G Networks  
NIIT University, Neemrana, Rajasthan

**RESEARCH CHALLENGES IN 5G NETWORKS**

 **MONDAY, JUNE 01, 2020**       **TIME 10:00 AM - 11:45 AM**

Registration link: **<http://tiny.cc/qv6wpz>**  
Contact Number: **9079752366, 9314178386**

**E-Certificate will be issued to all Participants**

**BRIEF BIODATA OF RESOURCE PERSON:**

Dr. Sanjay Biswash is associated with the Department of Computer Science and Engineering, NIIT University, Neemrana, India. His thrust research area includes Network Management, Nature Inspired Networks, 5G Networks, Device-to-Device Communication, Energy efficient and Green Networks, Fog and Edge networks, and Information-centric Networking. He is serving as an associate editor in many reputed journals i.e. Wireless Personal Communication, Mobile Network Application, and many more. He is also a member of the 6G Mobile-Task Force, USA. He had experience from National Research Tomsk Polytechnic University, Tomsk Russia as a research scientist, Post-Doctorate experiences from National Laboratory of Scientific Computing (LNCC), RJ Brazil, San Diego State University, CA, USA, and University of Coimbra, Portugal. He also served as a faculty (on contract) in Moti-lal Nehru National Institute of Technology, Allahabad, India. He is an active reviewer of many reputed international Journals i.e. IEEE TPDS, IEEE WCom, IEEE TMC, JNCA, COMCOM, IEEE System Journal, etc.

**ABSTRACT OF THE SESSION:** Poornima College of Engineering hosted a webinar on June 01, 2020 from 10:00 am to 11:45 am on “Research challenges in 5G Networks”. The coordinator and compere Dr. Sanjay Bhargava opened the webinar by stressing the importance of various steps involved in the various research aspects in the field of 5g networks. Compere then introduced the speaker Dr. Sanjay Kumar Biswash, (Ex-research scientist, National Research Tomsk Polytechnic University, Tomsk Russia)

Dr. Sanjay Kumar Biswash started with discussions on 5g and 6g networks and stressed to include 6g in the

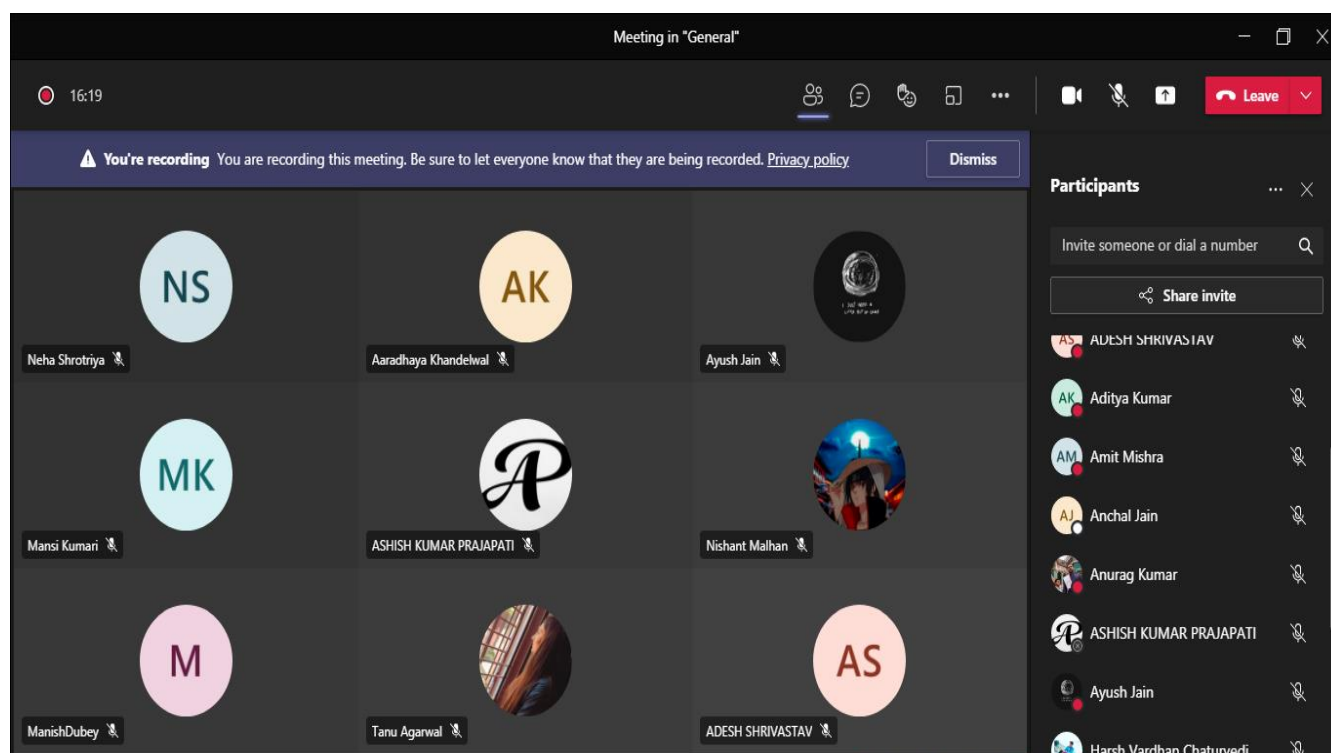
### ***Poornima College of Engineering - Activity Report***

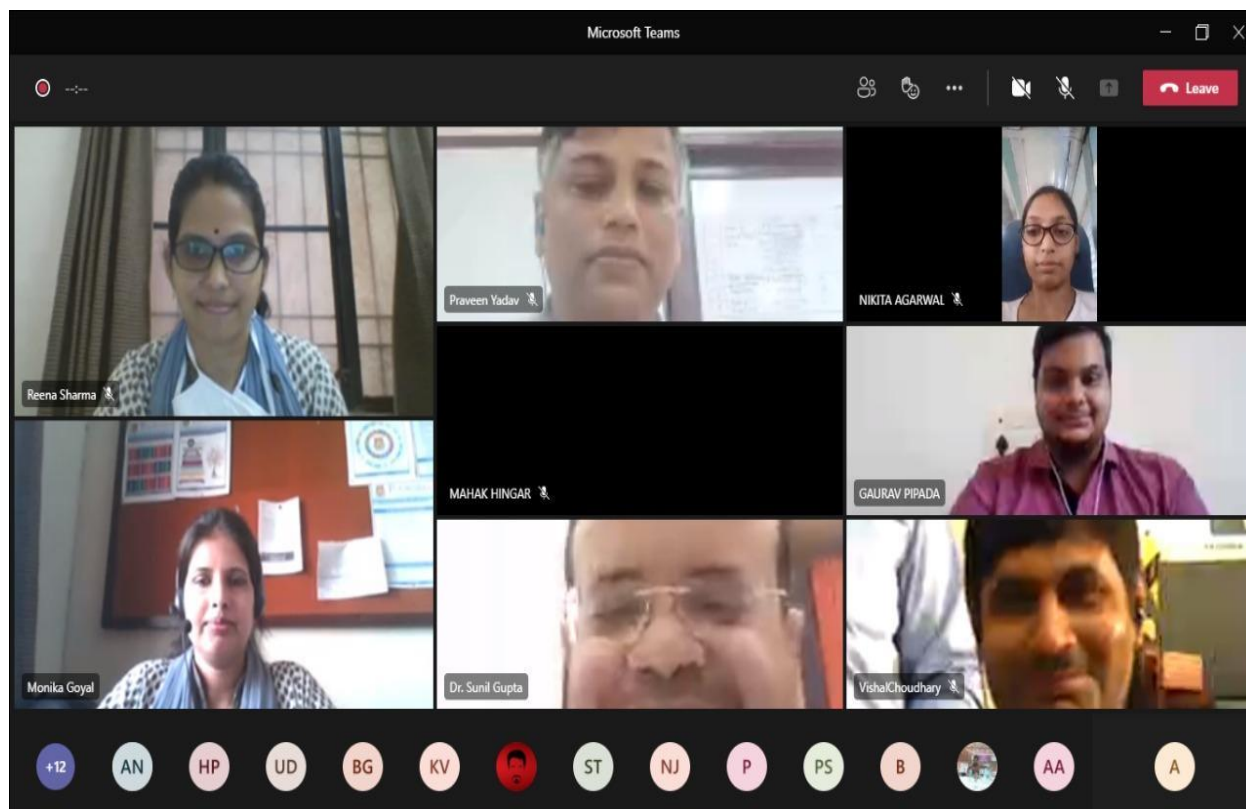
information only. He gave various examples of relevant and non-relevant information. He then brought the discussion into deep areas of 5g networks. Later he emphasized on the need of quality research and how one can do the same effectively. In the final module of his presentation, he opined the various research aspects of 5g networks.

Dr. Sanjay Kumar Biswash deliberated the session interactively in gracious presence of Prof. (Dr.) Mahesh M. Bundele (Director, PCE), Dr. Surendra Yadav (HOD, CSE, PCE), Dr. Sanjay Bhargava, Dr. Meenakshi Nawal, Mr. Nimish Arvind and students of second, third and final year of Computer Engineering Department.

This webinar is done with the collaboration with Rapidops Solutions Pvt. Ltd., Ahmedabad.

### **GLIMPSES:**





### LIST OF PARTICIPANTS:

A total of 215 certificates were issued to the faculty and students participants from various institutions of India. The details are attached below:

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208	shuklapriya0520@gmail.com	Ms. Priya shukla	Poornima Group of Institutions
209	2017pceetanuj091@poornima.org	Tanuj kumar	Poornima college of engineering
210	rafi.u.zaman@gmail.com	Dr. Rafi u zaman	Muffakham Jah College of Engg. and Technology
211	2017pceenarayan045@poornima.or	Narayan singh	Pce
212	2017pceesumer089@poornima.org	Mr. Sumer	Poornima college of engineering
213	2017pceeepranav057@poornima.org	Pranav pratap	Poornima College of Engineering
214	akankshameshram@oriental.ac.in	Prof. Akanksha	Oriental Institute of Science & Technology Bhopal
215	girija47lavania@gmail.com	Geerija lavania	Jecrc

**FEEDBACK ANALYSIS:** Oral feedback and views shared by the participants revealed that the Webinar has successfully fulfilled the objectives of the Webinar set forth. After the successful completion of the Webinar, the oral feedback was gathered from the students. All the students were found satisfied with the Webinar contents, materials, presentation and lecture delivery. They want the college to organize some more Webinar on these topics in the future. A special thanks is given to Rapidops Solutions Pvt. Ltd., Ahmedabad

**ASSESSMENT / ATTAINMENTS:** Oral Feedback

**SWOT ANALYSIS:** According to students Time Slot should be more as the Expert talk was Interesting. There should be more hands-on practice.



# POORNIMA

## COLLEGE OF ENGINEERING

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

### A REPORT ON WEBINAR

**TITLE AND DURATION:** “Data Analytics” on December 24, 2020.

**SPONSORS & SUPPORTERS:** Poornima Collage of Engineering and Rapidops Solutions Pvt. Ltd., Ahmedabad.



**ORGANIZER(S):** Department of Computer Engineering, Poornima College of Engineering, Jaipur.

**EXPECTED OUTCOMES:**

- Students will be able to understand methods of data cleaning.
- Students will be able to do Data Analytic tasks in R.

**MAPPINGS WITH PO & PSO:**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	3	-	-	-	-	-	-	-	-	-	-	-	2	-
CO2	-	-	-	-	-	-	-	-	-	-	-	3	-	-	2

**ASSESSMENT TOOLS:** Oral Feedback

## FLYER/POSTER:



**Ms. Richa Sharma**  
Former Principal Data Scientist  
Discover Financial Services  
Chicago, USA

**POORNIMA**  
COLLEGE OF ENGINEERING  
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**Webinar on  
DATA ANALYTICS**

Organized by:  
**Department of Computer Engineering**

**Thursday, December 24, 2020**  
**TIME 10:00 AM - 11:00 AM**

**Google Meet** **You Tube LIVESTREAM**

RSVP:  
**Dr. Surendra Kr. Yadav**  
surendra.yadav@poornima.org  
+91 9314178386  
**Dr. Neelam Chaplot**  
neelam.chaplot@poornima.org  
+91 7976542623

**BRIEF BIODATA OF RESOURCE PERSON:** Ms. Richa Sharma, Former Principal Data Scientist, Discover Financial Services, Chicago, USA

**ABSTRACT OF THE SESSION:** The Webinar witnessed the presence of Expert Ms. Richa Sahrma, Former Principal Data Scientist, Discover Financial Services, Chicago, USA, Dr. Mahesh Bunde, Director, PCE, Jaipur, Dr. Surendra Kumar Yadav, HOD, Computer Engineering Department, Mr. Nimish Arvind, Dy HOD (Admin), Computer Engineering Department, Mr. Manish Dubey, Dy HOD (Academics), Computer Engineering Department, Dr. Neelam Chaplot, Coordinator, participants along with the faculty members. The event started with welcome Speech by Dr. Mahesh Bunde, Director, PCE. He also presented Momento to the Expert Ms. Richa Sharma. Following the welcome speech the Introduction of the Expert was presented by Dr. Neelam Chaplot. The session was done in collaboration with Rapidops Solutions Pvt. Ltd., Ahmedabad. Rapidops Inc. is one of the fastest-growing technology, transformation, and Analytics Company in the USA. It helps clients design, engineer, and launch advanced platforms that enable them to thrive and achieve more for their customers.

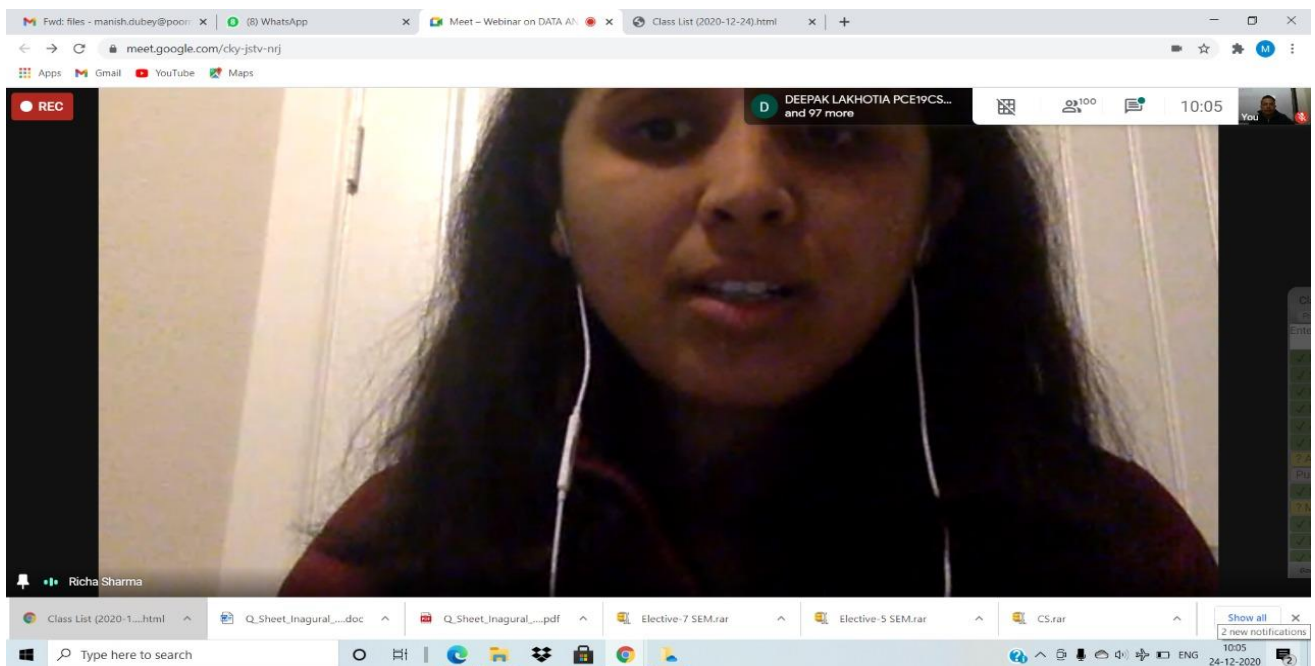
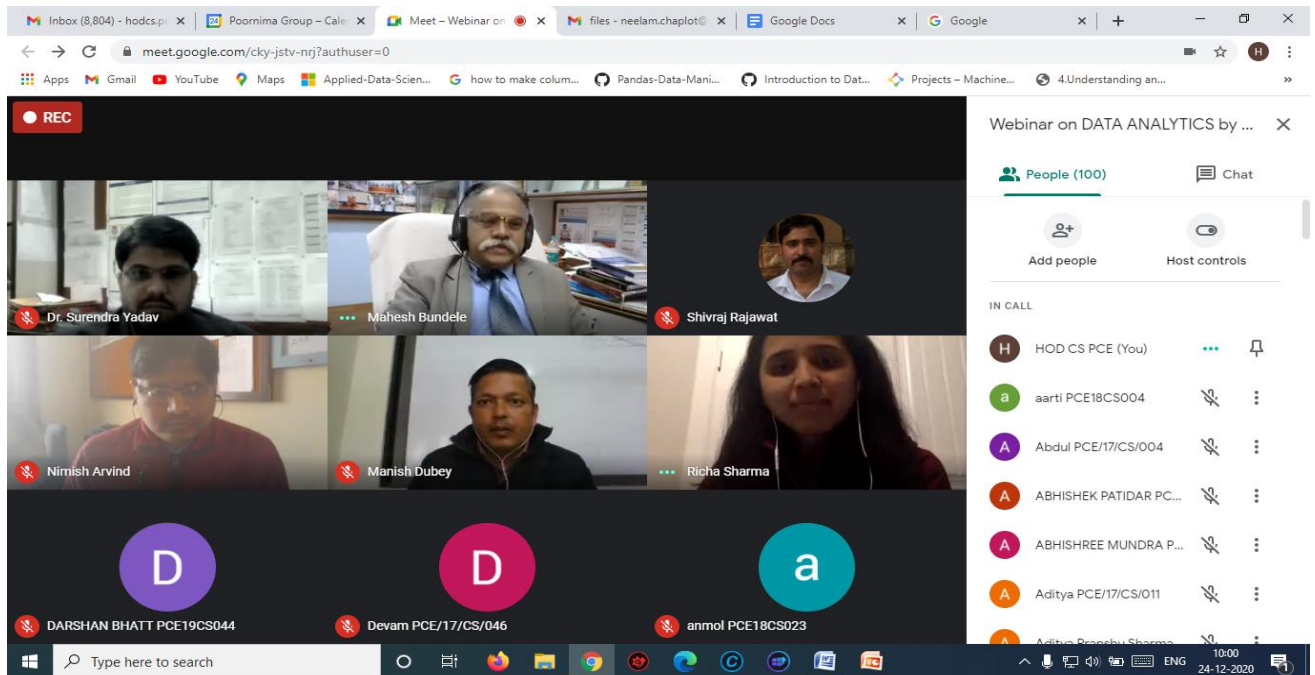
The experts Session by Ms. Richa Sharma, Data Science Expert, started with a quote by Swami Vivekanandji then she explained the similarities between the human senses of listen, speak, mind and vision with the computing technologies. Then she explained about Data Science and various technologies that together makes Data Science an emerging area with wide scope in future. After that she discussed about the Road Maps (Technological Stack) to learn for becoming Data Scientist. She also provided the glimpses into various data and data sources available for working in Data Science field. She discussed two use cases for Data Analytics from the financial services domain and the ending of the session comprises of a working example of Data Analytics implemented in R language.

### Poornima College of Engineering - Activity Report

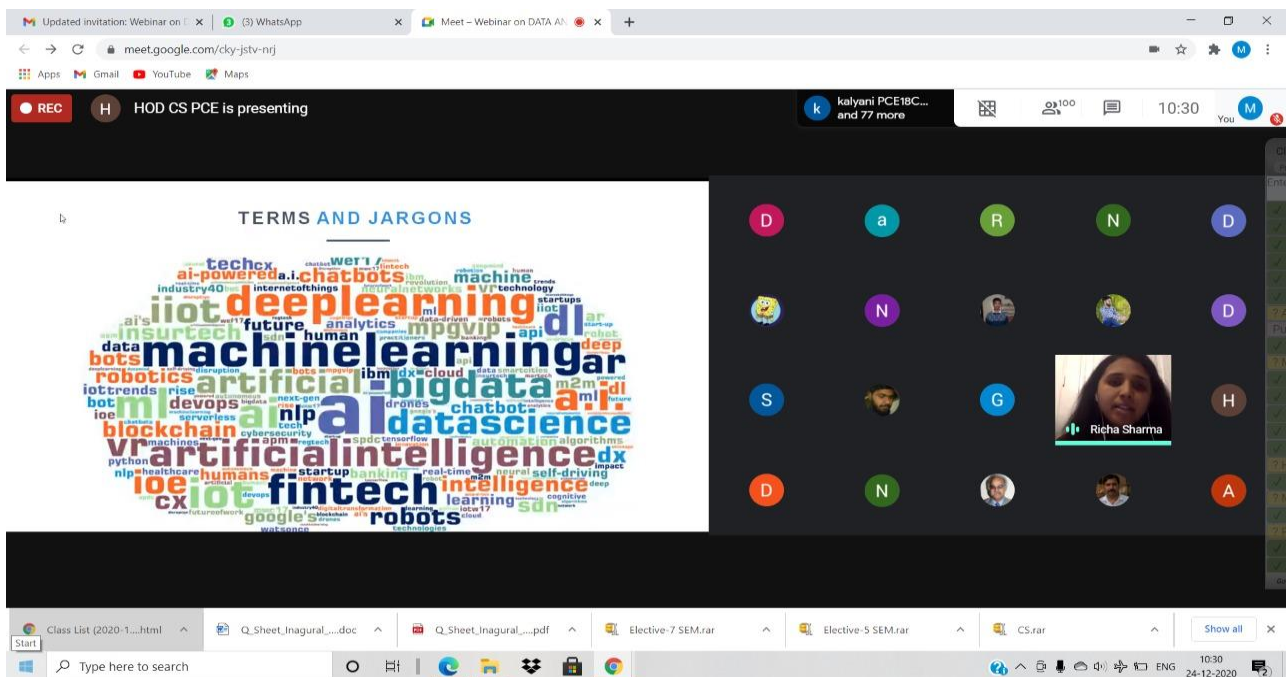
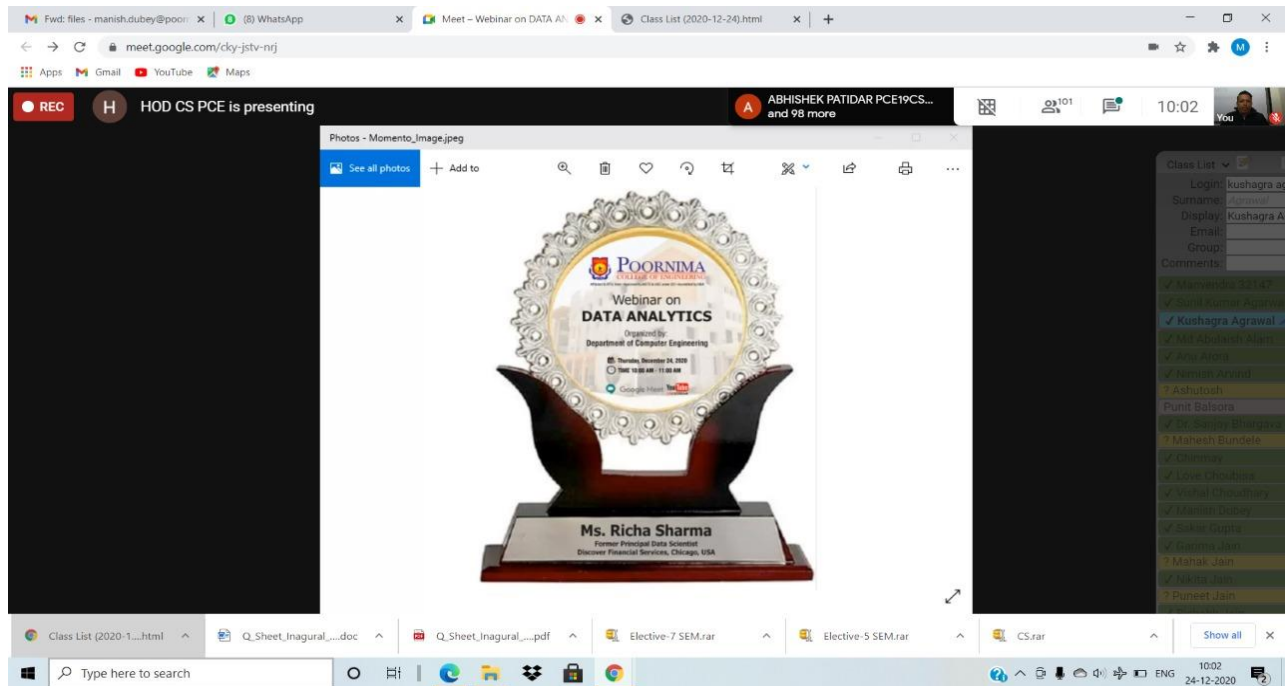
Her session was full of information and direction for a career in Data Analytics.

The session ended with a vote of Thanks by Dr. Surendra Kumar Yadav, HOD, CSE, PCE.

### GLIMPSES:



## Poornima College of Engineering - Activity Report



### LIST OF PARTICIPANTS:

S. No.	Enrolment ID / College ID	Name of the Student
1	PCE19CS001	AANCHAL ASNANI
2	PCE19CS002	AYUSH KUMAR SRIVASTAV
3	PCE19CS003	AAYUSH SHARMA
4	PCE19CS004	AAYUSHI NARUKA
5	PCE19CS005	ABHAY AGARWAL
6	PCE19CS006	ABHINAV SHARMA
7	PCE19CS007	ABHISHEK AGRAWAL
8	PCE19CS008	ABHISHEK SINGH

**Poornima College of Engineering - Activity Report**

9	PCE19CS009	ABHISHEK PATIDAR
10	PCE19CS010	ABHISHEK SHARMA
11	PCE19CS011	ABHISHEK SHARMA
12	PCE19CS012	ADITI KATARA
13	PCE19CS014	AISH JOSHI
14	PCE19CS015	AKSHAT JAIN
15	PCE19CS016	ALFAIZ KHAN
16	PCE19CS017	AMAN PANDEY
17	PCE19CS018	AMRIT KUMAR
18	PCE19CS019	ANKUR CHAURASIA
19	PCE19CS020	ANKUSH YADAV
20	PCE19CS021	ANURAG KUMAR
21	PCE19CS022	ANUSHKA SHARMA
22	PCE19CS023	ANUSHKA SHARMA
23	PCE19CS024	APREKSHA MATHUR
24	PCE19CS025	ARIHANT KOTHARI
25	PCE19CS026	ARJUN JAIN
26	PCE19CS027	ARJUNKUMAR CHOUDHARY
27	PCE19CS028	ARNAB ROY
28	PCE19CS029	ARNAV KULSHRESTHA
29	PCE19CS030	ARNAV SHARMA
30	PCE19CS031	ARYAN
31	PCE19CS032	ASHUTOSH SAXENA
32	PCE19CS033	AYRISH JAIN
33	PCE19CS034	AYUSH SAXENA
34	PCE19CS035	AYUSH SHARMA
35	PCE19CS036	BHAVESH CHITTORA
36	PCE19CS037	BHAWNA GUPTA
37	PCE19CS038	BHUPESH
38	PCE19CS039	BHUPESH KUMAR MANUJA
39	PCE19CS040	CHANDAN SINGH TANWAR
40	PCE19CS041	CHETAN AGGARWAL
41	PCE19CS042	CHIRAYU KHANDELWAL
42	PCE19CS043	DAKSHITA SHARMA
43	PCE19CS044	DARSHAN BHATT
44	PCE19CS045	DEEPAK LAKHOTIA
45	PCE19CS046	DEEPESH TOTLA
46	PCE19CS047	DEV KALRA
47	PCE19CS048	DEVANSH SHARMA
48	PCE19CS049	DEVESH KUMAR SINGH
49	PCE19CS050	DHANANJAY SAINI
50	PCE19CS051	DHAWAL SUTHAR
51	PCE19CS052	DIKSHANT MATHUR
52	PCE19CS053	DISHA SARASWAT
53	PCE19CS054	ESHITA CHOUDHARY
54	PCE19CS055	GAGAN TYAGI
55	PCE19CS056	GAGAN YADAV
56	PCE19CS057	GARIMA JAIN
57	PCE19CS058	GAURAV PIPADA
58	PCE19CS059	GAURAV SHARMA
59	PCE19CS060	GAURAV SINGH RATHORE
60	PCE19CS061	GAURAV TANK

**Poornima College of Engineering - Activity Report**

61	PCE19CS062	GAUTAM KUMAR
62	PCE19CS063	GAYATRI RUPCHANDANI
63	PCE19CS064	GORAV SINGH
64	PCE19CS065	HARDIK SINGH
65	PCE19CS066	HARSH SHARMA
66	PCE19CS067	HARSH UPADHYAY
67	PCE19CS068	HARSHIT DADHICH
68	PCE19CS069	HARSHVARDHAN
69	PCE19CS070	HEMRAJ
70	PCE19CS071	HIMANSHU KARN
71	PCE19CS072	HIMANSHU PAREEK
72	PCE19CS073	HIMANSHU SINGH
73	PCE19CS074	HITESH SHARMA
74	PCE19CS075	ISHAN JAIN
75	PCE19CS076	JANVI KUNDNANI
76	PCE19CS077	JASWANT MEHTA
77	PCE19CS078	KHUSHBU PAREEK
78	PCE19CS079	KINJAL AGRAWAL
79	PCE19CS080	KULDEEP VAISHNAV
80	PCE19CS081	KUNAL LAL PAWA
81	PCE19CS082	KUNAL SINGH
82	PCE19CS083	KUSHAGRA AGRAWAL
83	PCE19CS084	LAVESH GARG
84	PCE19CS085	LOVE CHOUBISA
85	PCE19CS086	LOVISH TATER
86	PCE19CS087	LUV HIRANI
87	PCE19CS088	MAHAK JAIN HINGAR
88	PCE19CS089	MANISH KUMAR
89	PCE19CS090	MANISH MOTWANI
90	PCE19CS091	MANISH SHARMA

**FEEDBACK ANALYSIS:** There was a gathering of around 170 learned scholars in the webinar. Most of the participants shared their views and oral feedback. The extract of their feedback was that the webinar was quite successful in its mission of disseminating good research among participants as well as among the resource persons. Participants also have shown their wish to attend a similar webinar in near future. Their warm words of feedback proved that the webinar has achieved its purpose. A special Thanks is given to Rapidops Solutions Pvt. Ltd., Ahmedabad.

**ASSESSMENT / ATTAINMENTS:** Oral Feedback

**SWOT ANALYSIS:** According to students Time Slot should be more as the Expert talk was Interesting. If the Hands – On session would be there, the learning could be made better. In Conclusion, the event was very informative.

**BUDGET & ACTUALS:** N/A



# POORNIMA

## COLLEGE OF ENGINEERING

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### A REPORT ON WEBINAR

**TITLE AND DURATION:** “Objects and Human Faces detection using Machine Learning” on September 11, 2022.

**SPONSORS & SUPPORTERS:** Poornima College of Engineering, Jaipur and Rapidops Solutions Pvt. Ltd., Ahmedabad under the MOU activity.

**ORGANIZER(S):** Department of Computer Engineering, Poornima College of Engineering, Jaipur.

**EXPECTED OUTCOMES:**

- Student will be able to enhance the knowledge of machine learning.
- Student will be able to recognize the different scope of various technologies with their pros and cons.
- Student will be able to analyze their future perspective in the field of Aviation Industry.

**MAPPINGS WITH PO & PSO:**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-
CO2	-	-	-	-	3	-	-	-	-	-	-	-	-	3	-
CO3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	3

**ASSESSMENT TOOLS:** Oral Feedback

**FLYER / POSTER:**



**Ms. Preksha Singh**  
Senior Software Engineer  
Evolphin Software, US based  
Organization, Gurugram

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**Webinar on  
OBJECTS AND HUMAN  
FACES DETECTION USING  
MACHINE LEARNING**

Organized by:  
**Department of Computer Engineering**

**Saturday, 11 September 2021**  
**TIME 11:00 AM onwards**

Virtual platform: Microsoft teams

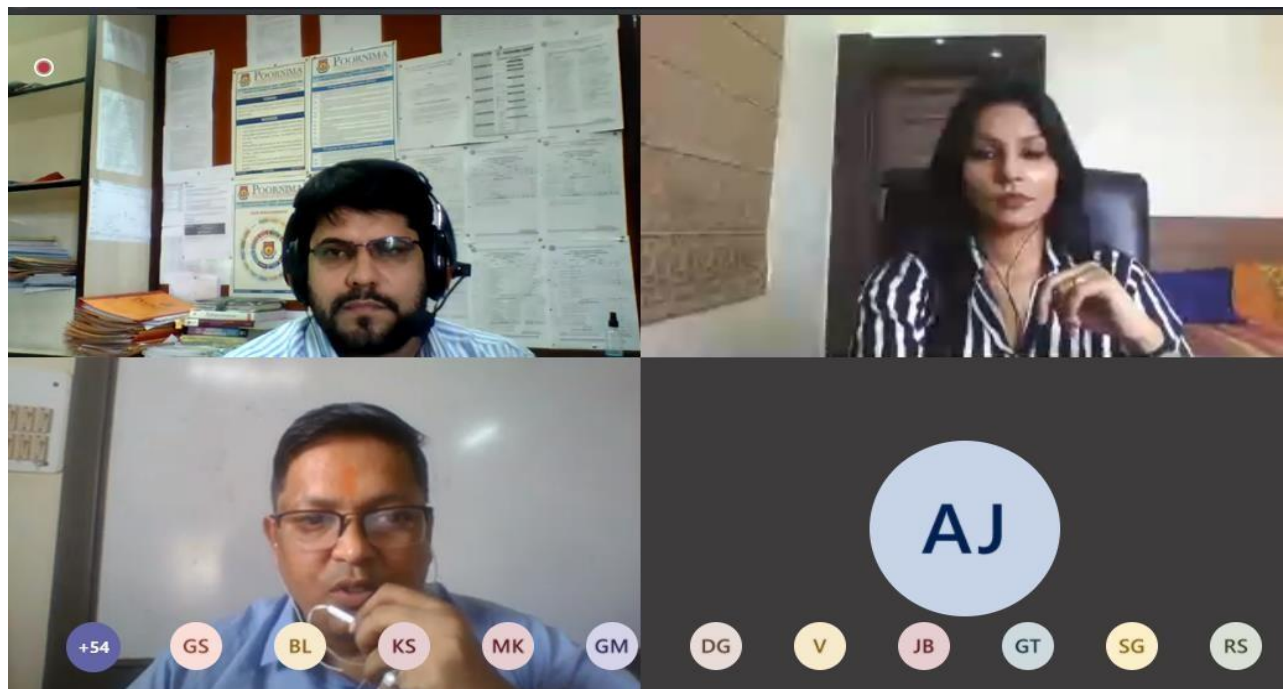
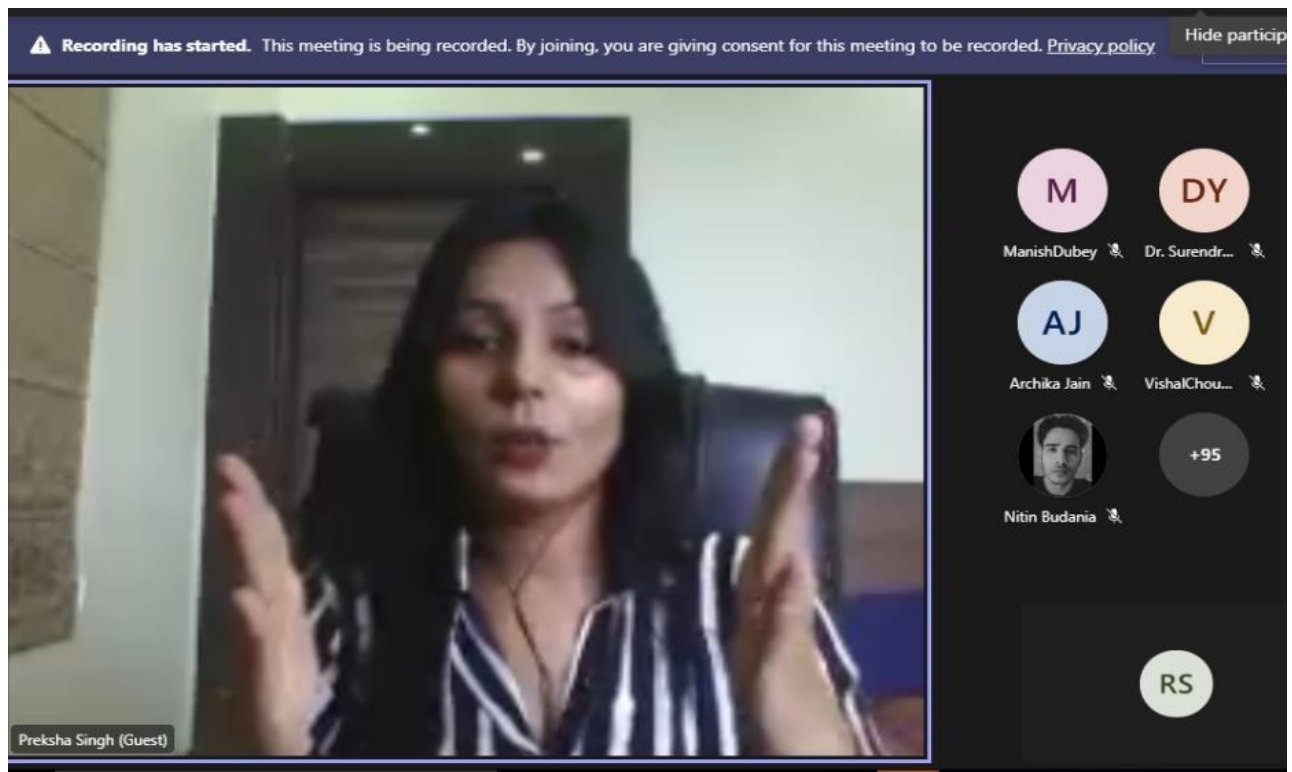
**Dr. Surendra Kumar Yadav**  
Head of Department, CSE

RSVP:  
**Mr. Manish Dubey**  
✉ : manish.dubey@poornima.org  
☎ : +91-9887501342

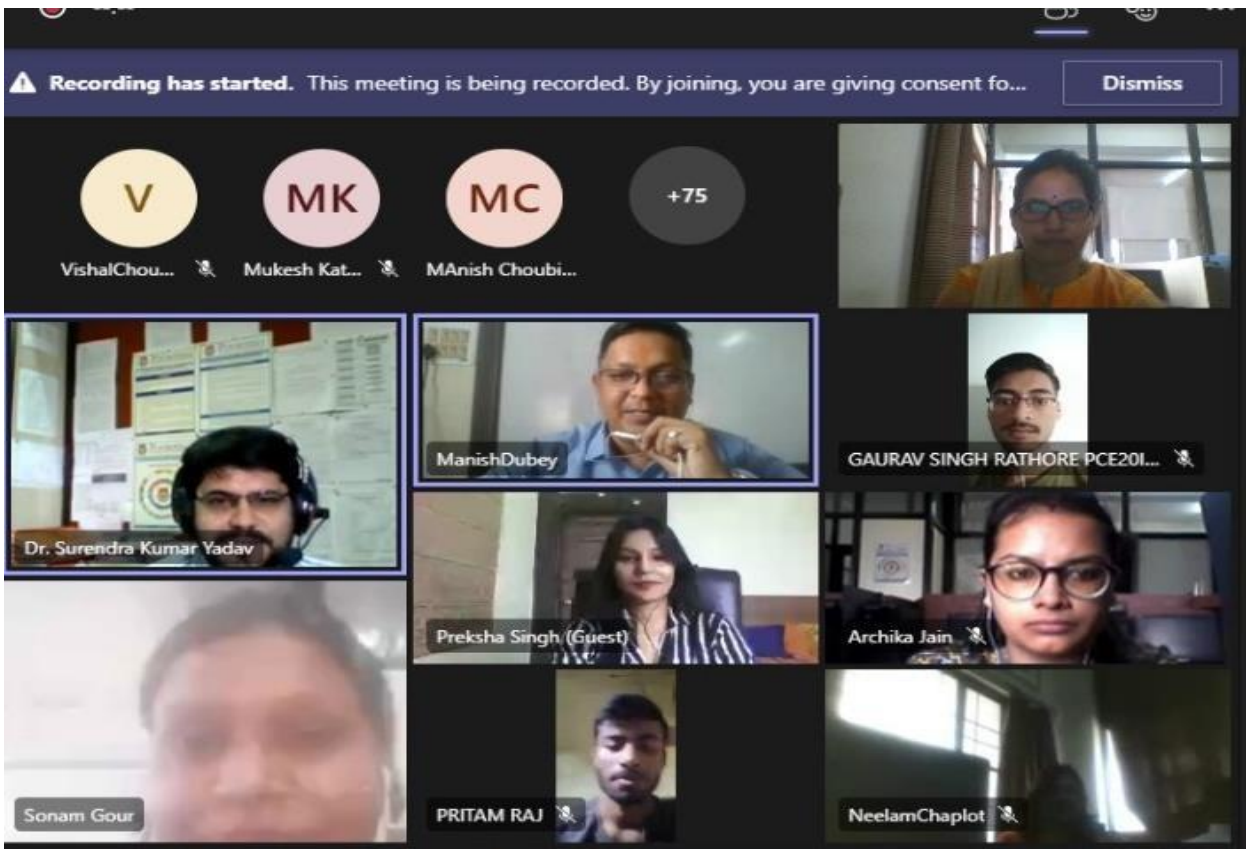
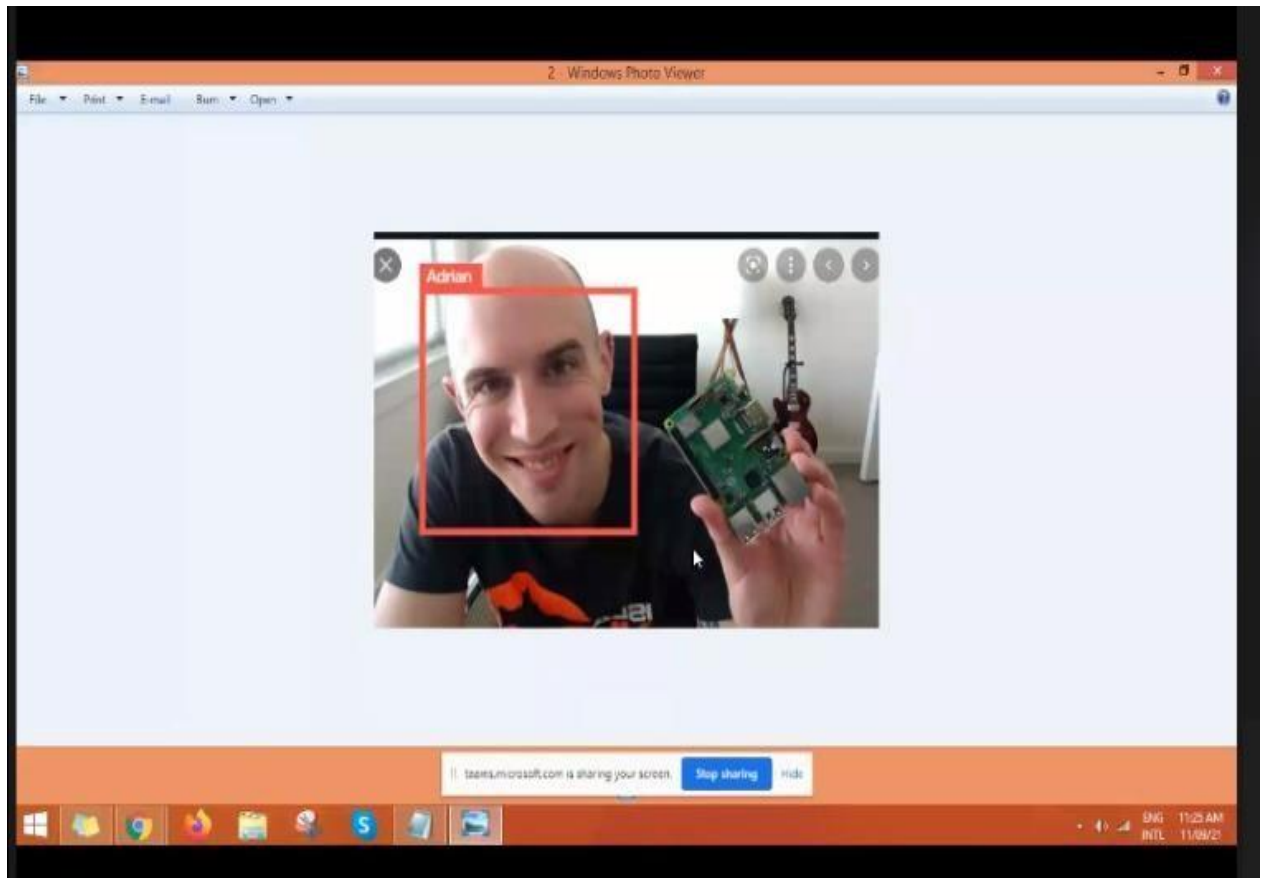
**BRIEF BIODATA OF RESOURCE PERSON:** The session expert is Ms. Preksha Singh, Senior Software Engineer in Evolphin Software, US based organization in Gurugram. She is 2016 pass out alumni from Department of Information Technology, Poornima College of Engineering. Her working domain is java and AI development projects. She has 5+ yr of experience as a Software Engineer. She has worked on Java, MySQL, Spring, XML, JSON and Hibernate. She is also ex-employee of TCS. She has good command in Software Development life Cycle & Data Structure and algorithm. She has exposure in problem solving and end-to-end product and feature development. She has experience in Git, IntelliJ, Jenkins, and You Track. She handled different technical aspects like reviewing software requirements, specification, gap analysis, quality & taking appropriate actions and taking care of the complete cycle.

**ABSTRACT OF THE SESSION:** Ms. Preksha discussed about the scope of various technologies with their pros and cons. She further added that college has contributed a lot in her success today. She discussed two or three example of the coding technique for recognizing the face with and without spaces. She suggested making the product as part of their academic project rather than merely making a project. First gathered all the information related to the project not chooses the small domain for gaining the result. A product making will not only boost your fundamentals but makes you industry ready also. She also stressed to learn beyond the curriculum technologies and spend extra hour on this. Ultimately, he concluded all the skills are good to survive but attitude is the thing which ultimately decides your future. At last student asked the query to the speaker. They also discussed that how to make a small project related to the machine learning. This activity was done in collaboration with Rapidops Solutions Pvt. Ltd., Ahmedabad.

GLIMPSES:



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\*



**LIST OF PARTICIPANTS:**

S. No.	Name	Registration No.
1	Aaradhaya khandelwal	PCE20CS001
2	Aashita jain	PCE20CS002
3	Abhay singh rathore	PCE20CS003
4	Abhilasha chakraborty	PCE20CS004
5	Abhinav anand	PCE20CS005
6	Abhishree mundra	PCE20CS006
7	Adesh shrivastav	PCE20CS007
8	Adit jain	PCE20CS008
9	Aditya kumar	PCE20CS009
10	Aditya mishra	PCE20CS010
11	Aditya nair	PCE20CS011
12	Akshat gupta	PCE20CS012
13	Aman choubey	PCE20CS013
14	Aman goyal	PCE20CS014
15	Aman kumar singh	PCE20CS015
16	Amar singh	PCE20CS016
17	Amit mishra	PCE20CS017
18	Amrit agarwal	PCE20CS018
19	Anchal jain	PCE20CS019
20	Anjali garg	PCE20CS020
21	Ankit kumar	PCE20CS021
22	Anshul sharma	PCE20CS022
23	Anshul sharma	PCE20CS023
24	Anshuman singh	PCE20CS024
25	Anubhav anand	PCE20CS025
26	Anupam anand	PCE20CS026
27	Anurag kumar	PCE20CS027
28	Anush jain	PCE20CS028
29	Anvi sahu	PCE20CS029
30	Arpit gupta	PCE20CS030
31	Aryan nama	PCE20CS031
32	Aryan rana	PCE20CS032
33	Ashutosh upadhyay	PCE20CS033
34	Atharav porwal	PCE20CS034

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35	Avinash dubey	PCE20CS035
36	Ayush baluni	PCE20CS036
37	Ayush jain	PCE20CS037
38	Ayush singhal	PCE20CS038
39	Ayushi gupta	PCE20CS039
40	Bharti gupta	PCE20CS040
41	Bhavith chaudhary	PCE20CS041
42	Bhavya agarwal	PCE20CS042
43	Bhavya lohami	PCE20CS043
44	Chaitanya khurana	PCE20CS044
45	Chetan sharma	PCE20CS045
46	Daksh kardam	PCE20CS046
47	Deepak dayma	PCE20CS047
48	Deepak kumar tiwari	PCE20CS049
49	Dev soni	PCE20CS050
50	Devendra singh rao	PCE20CS051
51	Devesh sharma	PCE20CS052
52	Dhruv gaur	PCE20CS053
53	Divyansh agarwal	PCE20CS054
54	Divyanshi agarwal	PCE20CS055

**FEEDBACK ANALYSIS:**

Oral feedback and views shared by the participants revealed that the webinar has successfully fulfilled the objectives of the event. All the participants in their oral feedback have given positive remarks in all respects and shown their satisfaction over all the arrangements and the time management. A special thanks to Rapidops Solutions Pvt. Ltd., Ahmedabad.

**ASSESSMENT / ATTAINMENTS:**

Oral Feedback

**SWOT ANALYSIS:**

The webinar was very informative but was of short duration. The students wanted to know more about the machine learning techniques.

**BUDGET & ACTUALS: NA.**