

EVENT REPORT

BRIEF INFORMATION ABOUT THE ACTIVITY

TOPIC/SUBJECT OF THE ACTIVITY	WEBINAR ON “Research Advances And Future In Artificial Intelligence And Machine Learning”
OBJECTIVES	The objective of the webinar was to make students understand the basic methods that are being used for research and technological advances in the field of Artificial Intelligence and Machine Learning. Also, to make students aware of sectors where it is extensively being used or will be used in near future.
METHODOLOGY	Webinar on Research Advances and Future in Artificial Intelligence and Machine Learning was given by Dr. Mahesh Chandra, Principal Senior Engineer, NXP Semiconductors. A PowerPoint Presentation was explained slide by slide to the attendees and queries of the students were taken up by the speaker in an interactive session.

INVITED SPEAKERS WITH AFFILIATION DETAILS (IF ANY)	Dr. Mahesh Chandra, Principal Senior Engineer, NXP Semiconductors, 201301, Film City, Sector 16A, Plot No 18, 2&3, Noida, Uttar Pradesh 201301.
OUTCOMES	The webinar helped students to understand the basics of how Artificial Intelligence has been incorporated into our daily lives and what new technologies are in line. The attendees learnt about the impact of Artificial Intelligence on careers globally. The presentation gave an overview of the current state and future in the AI and Machine learning fields. The session was interactive at the time of Questions and Answers and the speaker catered to all the doubts of the attendees.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1 Notice & Letters ✓	2 Number of Participants & Name of participants ✓	3 Video clip	4 Photos ✓	5 Feedback Form & analysis ✓
6 News clip with details	7 Sample Copy of the Certificate ✓	8 Posters/ Invites ✓	9 Event report Attested by Event Coordinator & IQAC Coordinator	10 Any other document

IQAC Document No:	IQAC/SVC/2021-22	Criterion No:	III/VII
Departmental file no:	SVC/2021-22/ELECT/SJ-2	IQAC file No:	2021-22

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
Dr. Sunita Jain	Dr. Sunita Jain	

For Reference

Criterion I	Curricular Aspects (planning & Implementation)		Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation		Criterion VI	Governance
Criterion III	Research, Innovations & Extension		Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure			

PROOFS

Summary Report:

Department of Electronics, Sri Venkateswara College organized a webinar on Research Advances and Future in Artificial Intelligence and Machine Learning on 15th November 2021 commemorating the Diamond Jubilee Celebration of our college.

The guest speaker for the occasion was honorable Dr. Mahesh Chandra, Senior Principal Engineer at NXP Semiconductors. He is a notable alumnus of IIT Delhi and a Ph.D. holder with Masters in Integrated Electronics and Circuits. Dr. Chandra is an industry expert with broad expertise in computer architecture, deep learning, and image processing devices.

The webinar commenced with an inaugural speech by Mr. Astitva Tripathi, II Year, Department of Electronics. The welcome address was given by our convener, Dr. Sunita Jain, Teacher-in-Charge, Department of Electronics, followed by a quick introduction of Dr. Chandra by Siya Verma, II Year, Department of Electronics. Dr. Mahesh broadly discussed the advancements, academia as well as industry trends in Machine Learning and Artificial Intelligence. While he focused on the present scenario and insights of the Data Intelligence industry, he also explained the theoretical aspect of the topic. He enlightened the audience about Supervised Learning Workflow combined with other methods of learning - Reinforcement and Unsupervised.

Moving on, Dr. Chandra discussed Biological and Artificial Neurons, types of Machine Learning, and extended a broad outlook on Deep Learning. He touched on sensitive and emerging topics like the Future of AI and ML followed by industry prospects. The session was concluded with QnA, during which Dr. Chandra extended in-depth guidance to the budding learners and AI/ML enthusiasts.

The Department of Electronics, SVC is extremely grateful to Dr. Mahesh Chandra for accepting our invitation and gracing the event with an insightful discussion. We are also thankful for our worthy audience who showed an overwhelming response. The Department of Electronics looks forward to hosting more such events in the future to help students get to know about the real world blended with academic knowledge of the field.




DIAMOND JUBILEE CELEBRATION

To Commemorate 60 years of
Sri Venkateswara College
(University of Delhi)

DEPARTMENT OF ELECTRONICS

presents ((●))

A WEBINAR ON

RESEARCH ADVANCES AND FUTURE IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

[Click here to Register](#)

15 November, 2021

3:00 PM - 4:00 PM

Platform:  MS Teams
[\(Click here to Join\)](#)

SPEAKER:

Dr. Mahesh Chandra
Senior Principal Engineer
(NXP Semiconductors)



Prof. C. Sheela Reddy Principal CHIEF PATRON	Dr. Sunita Jain Teacher-in-Charge CONVENER	Mr. Hari Singh Dr. Neha Verma CO-CONVENER
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ADVISORY COMMITTEE

Dr. Nutan Joshi Ms. Shubhra Gupta	Dr. Lalita Josyula Dr. Rakhi Narang	Dr. Neeru Kumar Dr. Basant Saini
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ORGANIZING MEMBERS

Nitin Prashant Upadhyay	Astitwa Tripathi Siya Verma	Rishi Soni Pragath Rao
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Follow us on:  

Permission Letter

Annexure I



SRI VENKATESWARA COLLEGE
(University of Delhi)

PERMISSION FOR ORGANIZATION OF EVENTS

EVENT DETAILS

1. Name of the Department/Society /Association:	Electronics
2. Name of the TIC/Convenor (if any)	Dr. Sunita Jain
3. Nature of Event	Webinar/Student-Centric
4. Participants	Students
5. Event Type	Online
6. Society or Diamond Jubilee	Diamond Jubilee
7. Collaborating Agency /Organization	NXP Semiconductors
8. Proposed Title of the Event	Research Advances and Future in Artificial Intelligence and Machine Learning
9. Tentative List of Speakers	Dr Mahesh Chandra Senior Principal Engineer
10. Duration & Date	1 Hour & 15 November 2021
11. Financial Assistance (if any)	Yes
12. Proposed Budget (with details)	Attached

Sunita Jain

Name & Signature of TIC/Convenor

Date: 8 November 2021

C. Sheela Reddy

Signature of Principal
8/11/2021

Photos

Webinar On "Research Advances and Future in Artificial Intelligence and Machine Learning"

45:54

Request control

Participants

Type a name

Share invite

Mute all

Presenters (13)

Neha verma

ASTITWA TRIPATHI

Dr. Swati Shama

Hari Singh

Organizer

Mahesh Chandra

External

NEERU KUMAR

NITIN

nutan150363@yahoo.co.in

Research Advances and Future in Artificial Intelligence and Machine Learning

Mahesh Chandra, Ph. D.

AI and ML in everyday life

- You may not have noticed, but AI and machine learning is all around you.

- Mails.
- Recommendations
- Voice assistant
- Capturing images



Mahesh Chandra

Participants

Type a name

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Dr. Swati Shama

Hari Singh

Organizer

Mahesh Chandra

External

NEERU KUMAR

NITIN

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Impact of AI on Jobs

- These are the jobs the WEF expects to be **lost to machines** by 2025:
 - Data entry clerks
 - Administrative and executive secretaries
 - Accounting, bookkeeping and payroll clerks
 - Accountants and auditors
 - Assembly and factory workers
 - Business services and administration managers
 - Client information and customer service workers
 - General and operations managers
 - Mechanics and machinery repairers
 - Material-recording and stock-keeping clerks
- And here are the **new roles** expected to face growing demand:
 - Data analysts and scientists
 - AI and machine learning specialists
 - Big data specialists
 - Digital marketing and strategy specialists
 - Process automation specialists
 - Business development professionals
 - Digital transformation specialists
 - Information security analysts
 - Software and applications developers
 - Internet of things specialists

Meeting chat

artificial intelligence?

SATVIK VASHISHTHA (04:05 pm)

Namaskaram Sir, how far are we really from AI we see in si-fi movies? And in near future in which sector do you think intrusion of AI will grow considerably?

How can or how has AI helped during pandemic?

ASTITWA TRIPATHI (04:09 pm)

sir for a layman using artificial intelligence technologies how much threat has it posed to the privacy of an individual?

Type a new message

02:13:15

Request control

Participants

Type a name

Share invite

Mute all

Presenters (17)

Neha verma

ASTITWA TRIPATHI

Hari Singh

Organizer

Mahesh Chandra

External

NEERU KUMAR

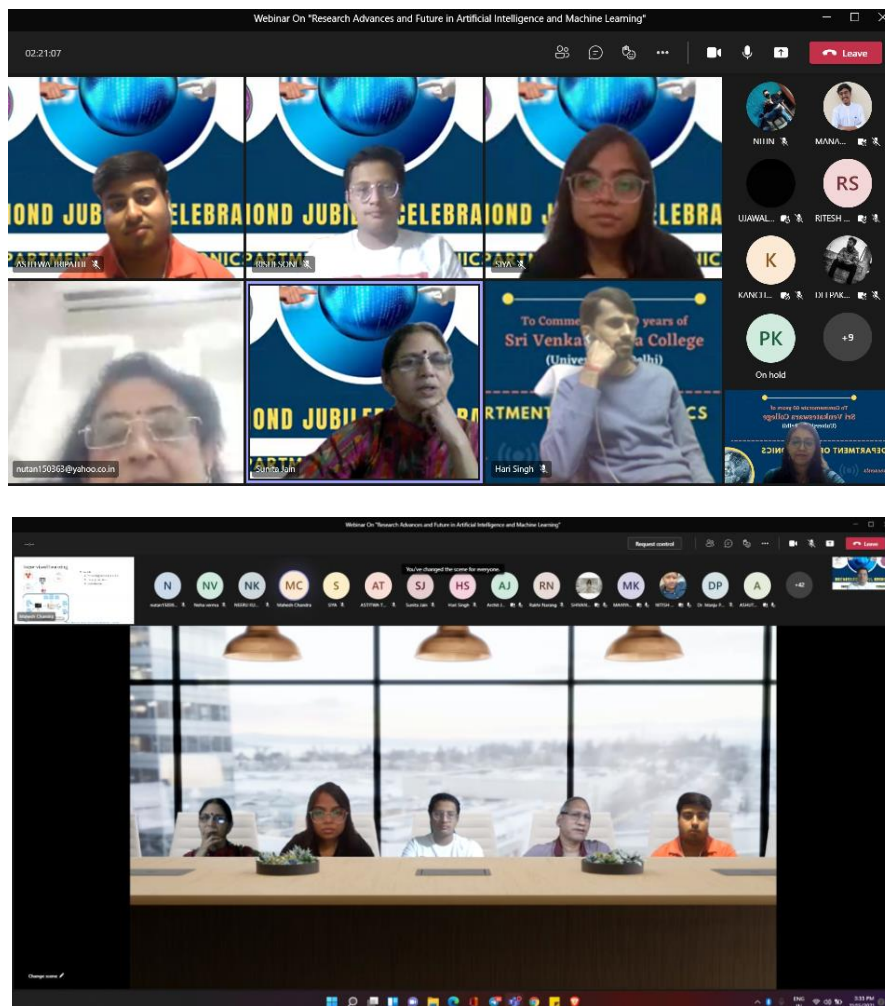
NITIN

nutan150363@yahoo.co.in

Rakhi Narang

AI Modeling Cycle

The diagram illustrates the AI Modeling Cycle, which is a continuous process. It starts with 'Data' (labeled 'Data Cleaning' and 'Data Preprocessing'). This leads to 'Model' (labeled 'Model Training' and 'Model Evaluation'). The model then produces 'Prediction' (labeled 'Model Deployment' and 'Model Monitoring'). The cycle is represented by a circular flow with arrows indicating the progression from Data to Model to Prediction and back to Data.



Certificate



Feedback Form and Analysis:

EVENT-

WEBINAR: “RESEARCH ADVANCES AND FUTURE IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING”

15 November, 2021, 03:00 PM-04:00 PM.



Webinar Feedback Form

Your feedback is critical for Department Of Electronics, Sri Venkateswara College to ensure we are meeting your educational needs. We would appreciate if you could take a few minutes to share your opinion with us so we can serve you better.

Research Advances and Future In Artificial Intelligence and Machine Learning held on 15 November, 2021

Speaker: Dr Mahesh Chandra, Senior Principal Engineer, NXP Semiconductors

The material was presented in an organized manner *

	1	2	3	4	5	
Strongly Agree	☐	☐	☐	☐	☐	Strongly Disagree

The webinar was interesting and enlightening as well *

	1	2	3	4	5	
Strongly Agree	☐	☐	☐	☐	☐	Strongly Disagree

I will recommend the webinar to other students *

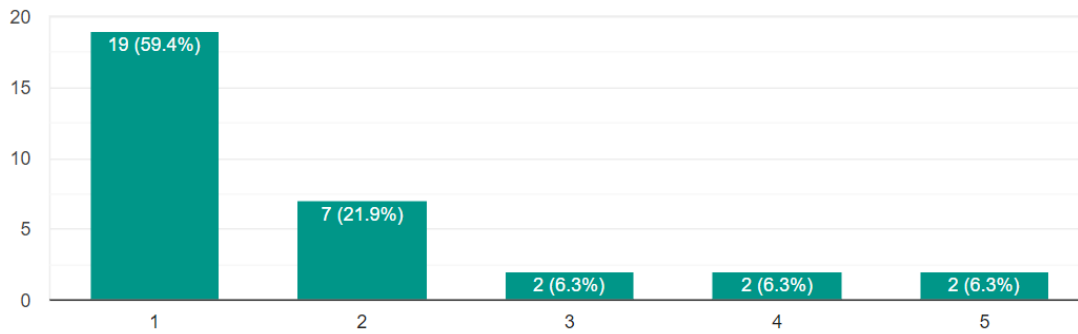
	1	2	3	4	5	
Strongly Agree	☐	☐	☐	☐	☐	Strongly Disagree

Analysis

I will recommend the webinar to other students

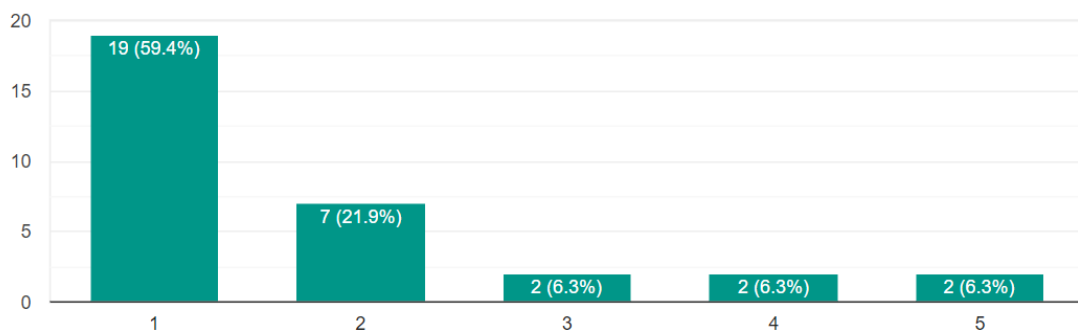


32 responses



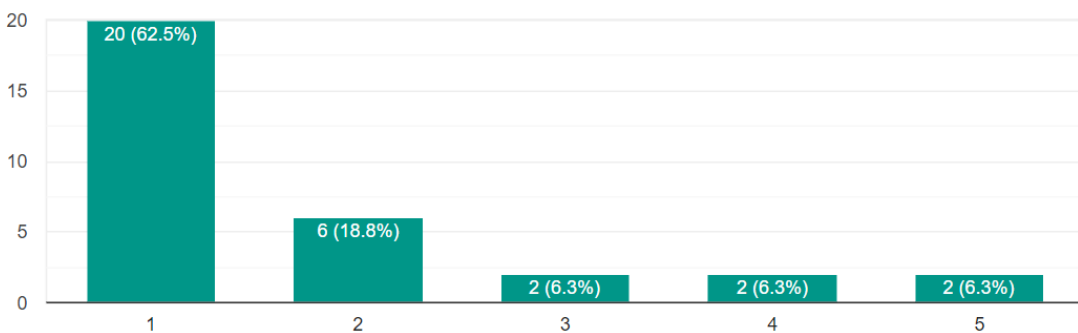
The webinar was interesting and enlightening as well

32 responses

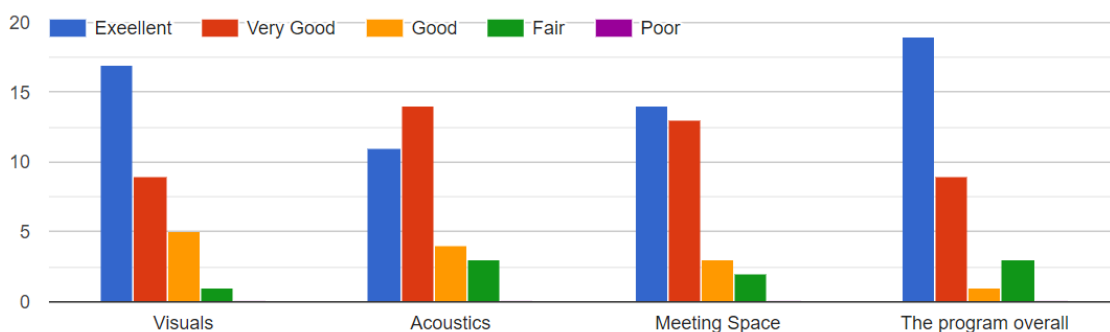


I would be interested in attending a follow-up, more advanced workshop on this same subject.

32 responses



Please rate the following



List of Participants

S.No	Name Of Participants
1)	Hari Singh
2)	Neha Verma
3)	Astitwa Tripathi
4)	Siya
5)	Nitin
6)	Sunita Jain
7)	Neeru Kumar
8)	Rishi Soni
9)	Lalita Josyula
10)	Pratham Sahay
11)	Dr. Basant Saini
12)	Rakhi Narang
13)	Nutan150363@Yahoo.Co.In
14)	Taru (Guest)
15)	Archit Jain (Guest)
16)	Dr. Swati Sharma
17)	Shekhar Kumar
18)	Nitish Kumar
19)	Manya Kaushik
20)	Ujawal Kumar
21)	Manan Kumar Gautam
22)	Bilal Khan
23)	Kartavya Gupta
24)	Mohammad Anas
25)	Satvik Vashishtha
26)	Pragath Rao D
27)	Abhishek
28)	Mahesh Chandra
29)	Satender Singh
30)	Shubhra Gupta
31)	Prashant Kumar Upadhyay
32)	Ashutosh
33)	Yashpratap Singh Rathore
34)	Abhisekh Thapa
35)	Dushyant Rajawat
36)	Arshad Ali

37)	Shubham Maurya
38)	Yash Jasnani
39)	Ishika Chauhan
40)	Kanchan
41)	Deepak Singh Bhati
42)	Sidharth Chauhan
43)	Ishika Sharma
44)	Divita Grover
45)	Amardeep Kumar
46)	Tushar Swaroop
47)	Chandra Shekhar
48)	Shivangi Gupta
49)	Aryan Gupta
50)	Adarsh Kumar Ray
51)	Manav Kapoor
52)	Rana Bhanu Pratap Singh
53)	Mohd Haroon
54)	Anshuman Singh
55)	Navneet Singh
56)	Dr. Manju Pruthi (Guest)
57)	Shivangi Singh
58)	Vishesh Bisht
59)	Suryansh Kumar
60)	Sweety Supriya (Guest)
61)	Ritesh Singh Soun
62)	Sachin
63)	Saurav Kumar
64)	Anirban Chaterjee
65)	Shobhraj Sharma
66)	Sahil
67)	Kshitiz Gupta
68)	Harsh Yadav
69)	Shreel (Guest)
70)	Rajdeep Pandey
71)	Prashant Kumar
72)	Praveen Regmi
73)	Kajal Meena
74)	Aastha Chaudhary
75)	Anand Yadav
76)	Sonakshi Singh
77)	Kanishak
78)	Anil Jakhar
79)	Shweta Dua



1961 - 2021

Himamala Hirupati Devasthanams

Sri Venkateswara College

(University of Delhi)

CERTIFICATE

This is to certify that Webinar on Research advances and future in Artificial Intelligence and Machine Learning was successfully conducted on 15 November 2021 from 3:00- 4:00 pm by Department of Electronics in the Online mode and its event report has been submitted to IQAC for record.

C. Shula Reddy
Principal

PRINCIPAL
Sri Venkateswara College
Dhaura Kuan, New Delhi-110021

Vaithiyath

IQAC Coordinator
Coordinator, IQAC
Sri Venkateswara College
(University of Delhi)
Dhaura Kuan, New Delhi-110021