



**SRI VENKATESWARA COLLEGE OF ENGINEERING**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**In Association with**

**THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS-SF**

**And**

**ROBOTICS AND ARTIFICIAL INTELLIGENCE CLUB**

**REPORT ON INTRODUCTION TO ARTIFICIAL INTELLIGENCE**

Introduction to Artificial Intelligence is an online webinar organized by the department of Electronics and Communication Engineering in association with the Institution of Electronics and Telecommunication Engineers Student Forum of SVCE (ISF SVCE) and Robotics and Artificial Intelligence Club SVCE. The event was conducted exclusively for the second year students of ECE department. This webinar enlightened the students about Artificial Intelligence and Machine Learning. The objective of the session was to introduce the students to Artificial Intelligence and Machine Learning.

Commencement of the session	March 19 <sup>th</sup> 2023 (2PM IST)
End of the event	March 19 <sup>th</sup> 2023 (3PM IST)
Total Participants	50 Participants

## **About the Speaker:**

Mr. Piyush is a Machine Learning engineer in 6sense Innovations Ltd, Finland. He is also an alumnus of SVCE ECE department. He is the founder and former president of our Robotics and Artificial Intelligence Club. His specialty includes Artificial intelligence, python, neural networks, computer vision and robotics.

## **About the Event:**

The event commenced with the welcome address by Mr. Ganeshan H, 3rd year ECE A. Then the speaker of the webinar Mr. Piyush started with the online webinar. He started the session by introducing the students to the basics of Artificial intelligence and Machine Learning. In addition to this, he also explained the mathematical concepts of Machine Learning. He then displayed some websites where AI is used like Chat GPT, Dalle 2, Quickdraw, AI Duet and so on. He also suggested superdatascience.com a website where students can learn in-depth about Artificial Intelligence and Machine Learning.

Mr. Piyush also described the scope in the field of Artificial Intelligence and Machine Learning and about the current job roles on the same. He further added about the programming language used which includes Python and C++. He also gave us a roadmap on how to get started and improvise in Artificial Intelligence and Machine Learning. He then ended his session by providing the students with insights about AI and ML. The vote of thanks was delivered by Mr. Sanjay Lokesh A.M, 3rd Year ECE C.

# POSTER



**SVCE** | Sri Venkateswara  
College of  
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&  
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## SESSION ON **INTRODUCTION TO ARTIFICIAL INTELLIGENCE**



**MR.PIYUSH M**

Machine Learning Engineer-6sense Innovations Ltd

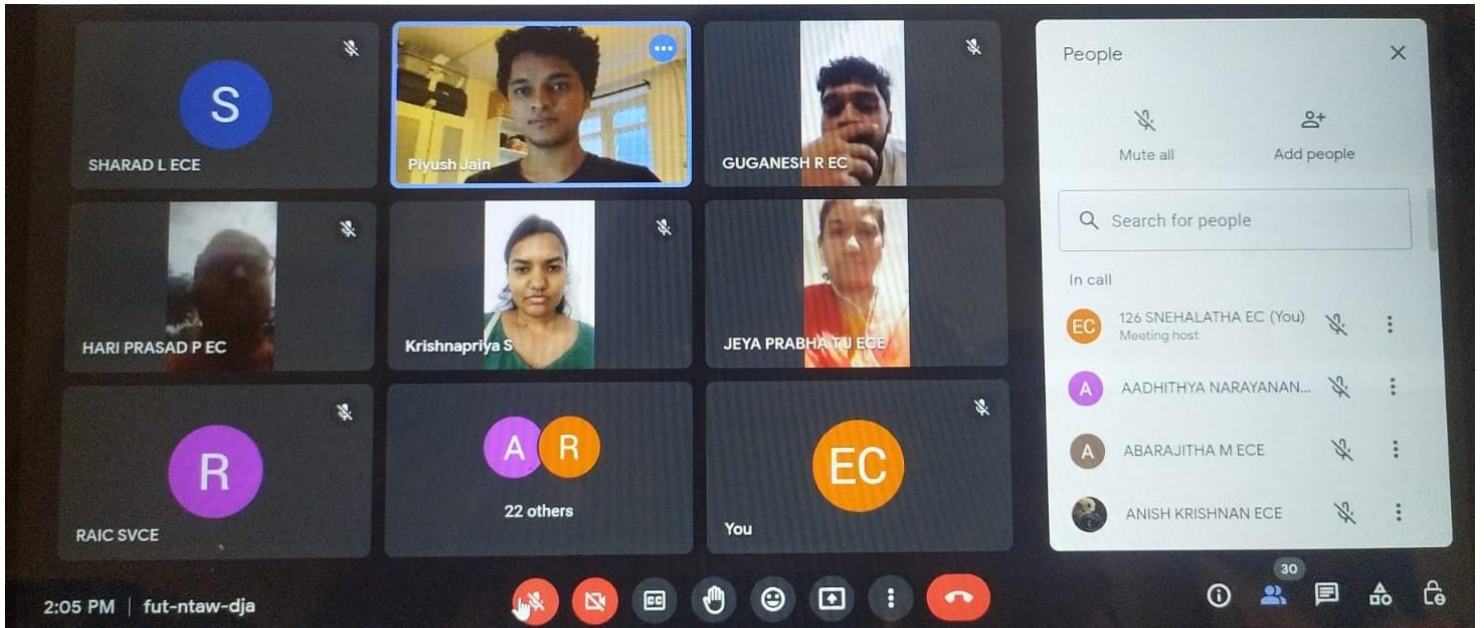
**19<sup>TH</sup> MARCH 2023 | 02:00 PM**

**Target Audience: ECE 2nd Years**

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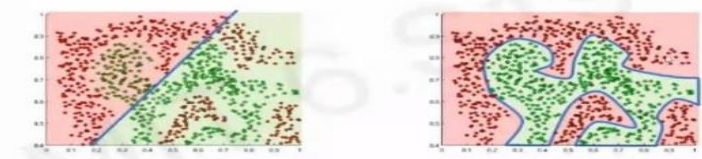
# SNAPS FROM THE EVENT:



Piyush Jain is presenting

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The purpose of activation functions is to **introduce non-linearities** into the network



Linear activation functions produce linear decisions no matter the network size

Non-linearities allow us to approximate arbitrarily complex functions

MIT Introduction to Deep Learning

## The Perceptron: Example

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Piyush Jain is presenting

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Tell me a bit about SVCE in chennai

SVCE stands for Sri Venkateswara College of Engineering and is located in Chennai, Tamil Nadu, India. It is a private, self-financing engineering college that was established in the year 1985. The college is affiliated with Anna University and is approved by AICTE (All India Council for Technical Education).

SVCE offers undergraduate and postgraduate courses in various disciplines of engineering, including Computer Science, Electronics and Communication, Electrical and Electronics, Mechanical, Civil, and Information Technology. The college also offers MBA and MCA programs.

The campus of SVCE is spread over an area of 95 acres and provides modern facilities and amenities such as a library, computer center, sports complex, hostel, cafeteria, and transportation facilities. The college has a faculty of over 200 members who are well-qualified and experienced in their respective fields.

SVCE has been consistently ranked among the top engineering colleges in Tamil Nadu and India. It has also received various accolades for its excellence in education and research, such as the Best Private Engineering College Award.

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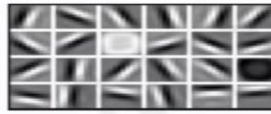
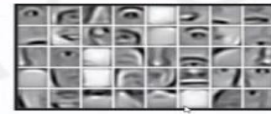

Piyush Jain is presenting

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## Why Deep Learning?

Hand engineered features are time consuming, brittle, and not scalable in practice

Can we learn the **underlying features** directly from data?

Low Level Features	Mid Level Features	High Level Features
		
Lines & Edges	Eyes & Nose & Ears	Facial Structure

MIT Introduction to Deep Learning

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3/19/2023 14:40:04	Lathikaa shri.s	ECE	B	Yes	5
3/19/2023 14:40:18	THULASI SRINIVAS M	ECE	C	No	5
3/19/2023 14:40:48	UMESH ANANDH.S	ECE	C	Yes	2
3/19/2023 14:41:01	A.Gogulapriya	ECE	A	Yes	5
3/19/2023 14:41:17	N Thibagaran	ECE	C	No	5
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3/19/2023 14:43:39	R M MANIKANDAN	ECE	B	Yes	4
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3/19/2023 14:44:28	Abarajitha M	ECE	A	Yes	4
3/19/2023 14:44:34	Kavitha. S	ECE	B	Yes	4
3/19/2023 14:45:19	Aadhithya Narayanan B	ECE	A	Yes	4
3/19/2023 14:45:28	Lathikaa shri.s	ECE	B	Yes	5
3/19/2023 14:45:47	P.Mahisha	ECE	B	Yes	4
3/19/2023 14:46:14	Yogeswari P	ECE	C	Yes	5
3/19/2023 14:46:39	AJAY KUMAR A S	ECE	A	Yes	5
3/19/2023 14:47:06	Gnanavel.k	ECE	A	Yes	4
3/19/2023 14:47:43	Sujitha N	ECE	C	No	4
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3/19/2023 14:48:30	L SHARAD	ECE	C	Yes	5
3/19/2023 14:48:31	Dharani. A	ECE	A	Yes	4
3/19/2023 14:49:44	Varsha S	ECE	C	Yes	5
3/19/2023 14:51:33	Dhanushri J K	ECE	A	No	4
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3/19/2023 14:52:06	Hari Prasad P	ECE	A	Yes	5
3/19/2023 14:52:15	Shruthi R	ECE	C	Yes	5
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3/19/2023 14:58:45	Kiran sekar S	ECE	B	Yes	4
3/19/2023 14:58:49	Anishaa.S	ECE	A	No	4
3/19/2023 14:58:53	K.Shakthi	ECE	C	No	5
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3/19/2023 15:01:22	Robinkumar J	ECE	B	No	4
3/19/2023 15:02:01	S Ashish	ECE	A	Yes	5
3/19/2023 15:17:39	Umesh J	ECE	C	No	4
3/19/2023 15:19:09	G VITTAL	ECE	C	No	5
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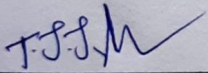
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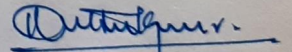
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Dr. T. J. Jeyaprabha

ASP ECE; ECEA, ISF, RAIC Coordinator



Dr. S. Muthukumar

Professor & HOD – ECE

DATE: 24/03/2023

REPORT BY:

Sharad L

( II Year Joint Secretary, RAIC, SVCE)

Anish Krishnan

( II Year Joint Secretary, RAIC, SVCE)