	<b>S J P N Trust's</b> <b>Hirasugar Institute of Technology, Nidasoshi.</b> <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. <b>Accredited at 'A' Grade by NAAC</b> <b>Programmes Accredited by NBA: CSE, ECE, EEE &amp; ME.</b>	<b>E&amp;CE Dept.</b>
		<b>Activity Report</b>
		<b>Webinar</b>
		<b>2021-22 (Odd)</b>

<b>Date of Activity held and Time:</b>	29/10/2021      2.30pm to 3.30pm
<b>Name of Activity:</b>	Webinar on "Deep Learning & Its Applications"
<b>Type of Activity: (cultural/curricular/co-curricular)</b>	Co-curricular
<b>Resource Person/Invitee:</b>	Dr. Mahadevaswamy
<b>Professional Details of Resource Person:</b>	Assistant Professor, VVCE, Mysore
<b>Year / Class:</b>	All Staff and Students
<b>No. of students:</b>	55
<b>No. of Staff:</b>	10
<b>Activity In charge:</b>	Prof. D. B. Madihalli Prof. S. S. Itannavar Prof. B. P. Khot

**Description of Activity:** A lecture on "Deep Learning & Its Applications" was arranged by ECE Department for all the staff members & students on 29/10/2021 which was delivered by Dr. Mahadevaswamy Assistant Professor, VVCE, Mysore.

The lecture focused on the Deep Learning applications & how it works. Deep Learning is a branch of Artificial Intelligence based on the use of artificial neural networks. These neural networks are inspired by the functioning of neurons in the human brain. In the same way that a neuron receives and transmits electrical impulses, an artificial neuron receives information which is transformed and sent to other adjacent neurons. In this way, the information is transformed as it is transmitted by all neurons until it reaches the end of the network. Finally, the network will offer an output with the results it has obtained based on the data it has received as input, of how it has been trained and the purpose for which it is being used.

Objectives	RBT level	PO	PSO
The main objective of the Deep Learning is to achieve tasks that a human would perform almost automatically but that become complex for a machine & Today, Deep Learning is considered the best image classifier and represents the state of the art in Computer Vision. These algorithms are the most used currently and the main object of research in that field.	L2	1,2,5,12	1,2



S J P N Trust's

# Hirasugar Institute of Technology, Nidasoshi.

*Inculcating Values, Promoting Prosperity*

Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.

Accredited at 'A' Grade by NAAC

Programmes Accredited by NBA: CSE, ECE, EEE & ME.

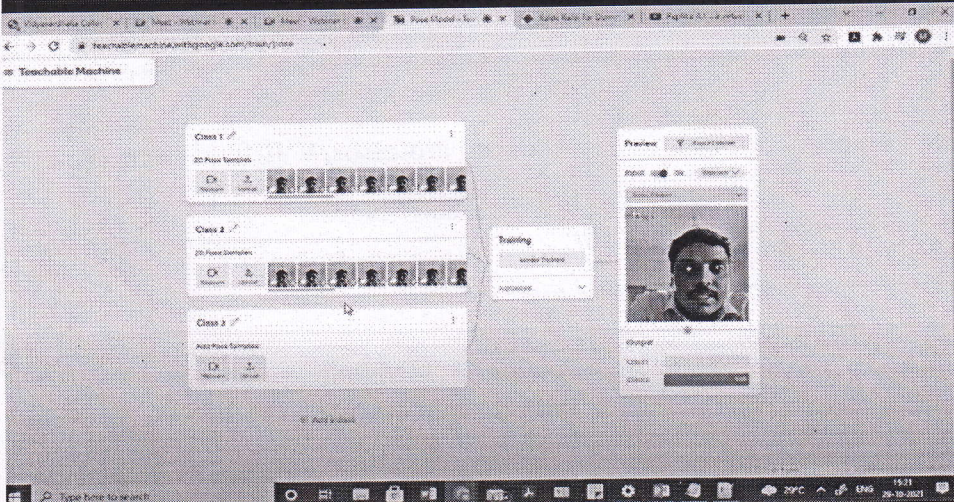
E&CE Dept.

Activity Report

Webinar

2021-22 (Odd)

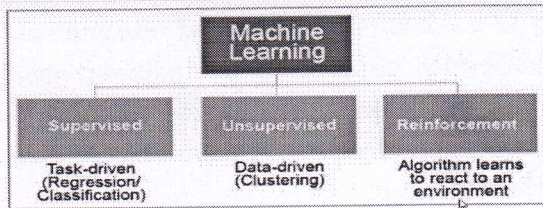
## Webinar on Deep Learning and Its Applications (2021-10-29 at 01:59 GMT-7)



Mahadeva Swamy ECE WCE

51:10 / 1:24:51

## Webinar on Deep Learning and Its Applications (2021-10-29 at 01:59 GMT-7)



Supervised Learning      Unsupervised Learning      Reinforcement Learning



Mahadeva Swamy ECE WCE

20:04 / 1:24:51

- 1) *ATSM*
  - 2) *BS*
  - 3) *Bhusha*
- Coordinator

*for*  
HOD  
HOD  
Electronics & Commn. Engg. Dept.  
HSIT NIDASOSHI