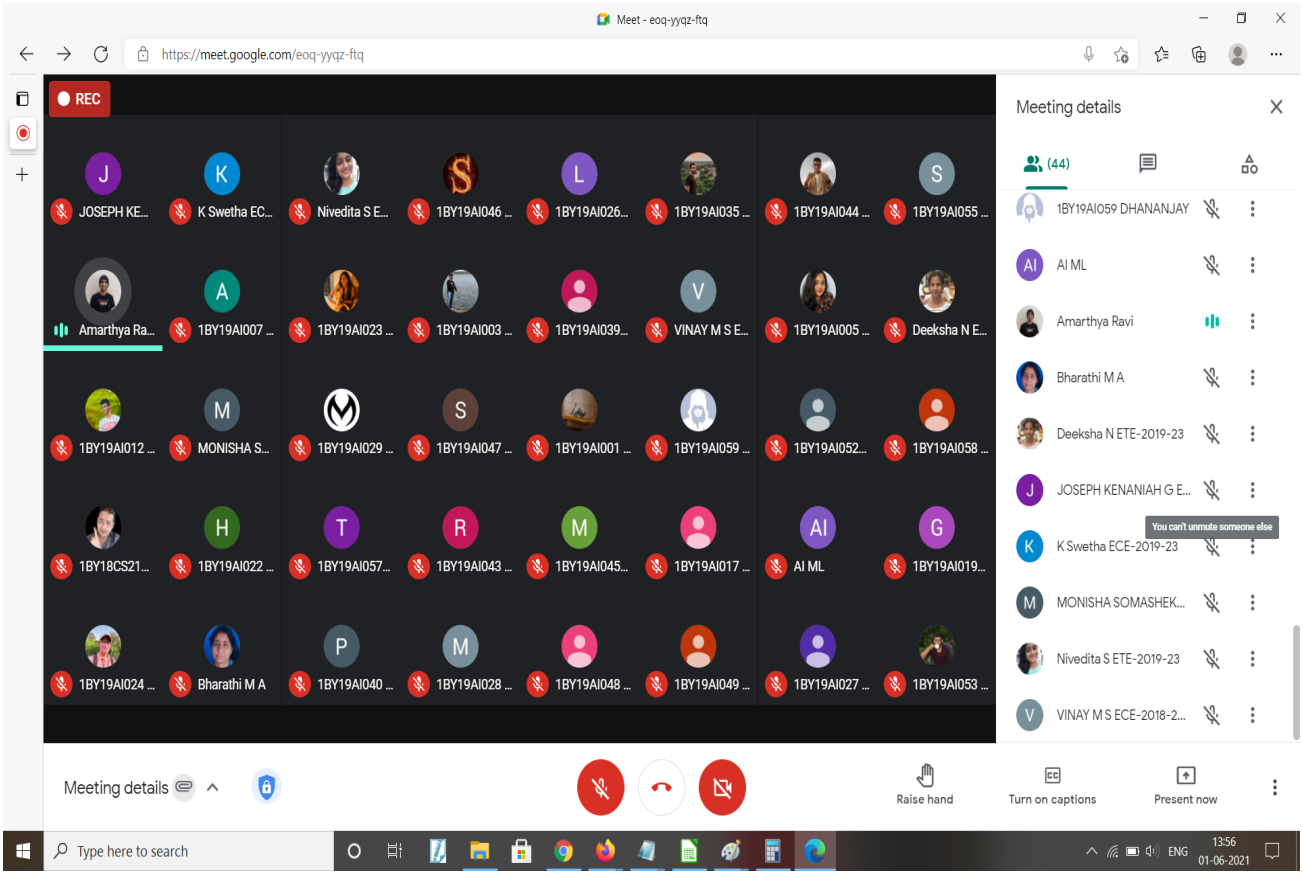
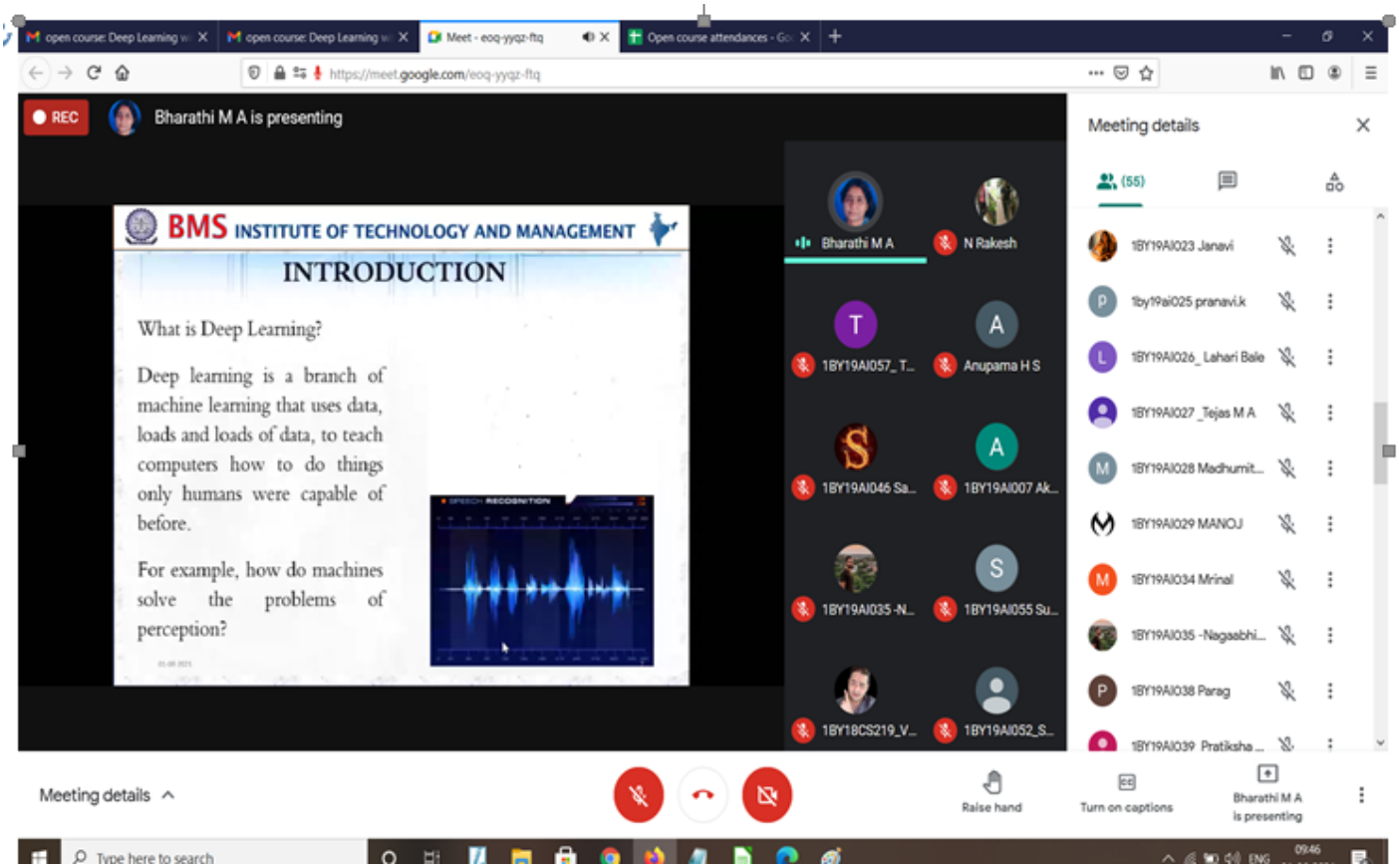
BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT, BENGALURU

Department of Artificial Intelligence and Machine Learning

Title of the Open Course		**Deep Learning with Python**
Targeted Students from Branches		CSE/ISE/EC/ETE/MCA
Registration Fee		Rs. 300
No. of students attended		51
Software/Hardware Tools used		Anaconda/IDLE
Delivery Methods (e.g.: ppt presentation, chalk & talk, simulation, videos, project, etc.)		ppt/programming/projects
Assessment Methods (e.g.: Quiz, test, mini-project, report submission, etc.)		Quiz
Open Course Chief Coordinator Details (One Point Contact)	Name	Dr. Vishwa Kiran S
	Mobile No.	9845105680
	Email ID	vishwakiran@bmsit.in
Internal Resource Person Details (Please use additional rows for multiple resource persons)	Name	Dr. Bharathi Malakreddy A
	Designation	Professor
	Mobile Number	8660358175
	Name	Dr. Vishwa Kiran S
	Designation	Associate Professor
	Name	Dr. Anupama H.S
	Designation	Associate Professor

External Resource Person Details (Please use additional	Name	Mr. Amarthya
	Designation	Full Stack Web Developer
	Company/Organization	Impavid Technologies
	Mobile Number/email-id	8147485107
	Name	Dr. Santi Natarajan
	Designation	Honorary Professor
	Company/Organization	
	Mobile Number/email-id	9739185291
Curriculum Gaps: (Please indicate the gaps in terms of POs/PSOs)	PO5, PO6, PO9, PO10, PO12, PSO1 ,PSO2.	
Abstract (Brief Details of the open course with less than 250 words)	The department of Artificial Intelligence and Machine Learning successfully conducted 5 days training on Deep learning with Python. Dr. Bharathi M A, delivered introductory session deep learning and its applications. Followed by introductory session an external Speaker Mr. Amarthya delivered a hands on session for three full days covering major topics of deep learning which includes CNN, ANN, working of Artificial Neural networks, building ANN using Tensorflow and Keras, RNN, LSTM, building self-organizing maps. Participants were made to identify specific animals from a dataset of 10000 pictures. One of the assignment was to predict stock market with a dataset. Later participants were to trained to build credit card fraud detection system. The internal speakers Dr. Vishwa Kiran S and Anupama H S, covered basics of Python required for Deep Learning.	

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Bharathi M A is presenting
BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT
INTRODUCTION
What is Deep Learning?
Deep learning is a branch of machine learning that uses data, loads and loads of data, to teach computers how to do things only humans were capable of before.
For example, how do machines solve the problems of perception?
Meeting details
Bharathi M A
N Rakesh
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Anupama H S
1BY19AI046 Sa...
1BY19AI007 Ak...
1BY19AI035 -N...
1BY19AI055 Su...
1BY18CS219_V...
1BY19AI052_S...
1BY19AI023 Janavi
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1BY19AI027_Tejas M A
1BY19AI028 Madhumit...
1BY19AI029 MANOJ
1BY19AI034 Mrinal
1BY19AI035 -Nagaabhi...
1BY19AI038 Parag
1BY19AI039 Pratiksha ...
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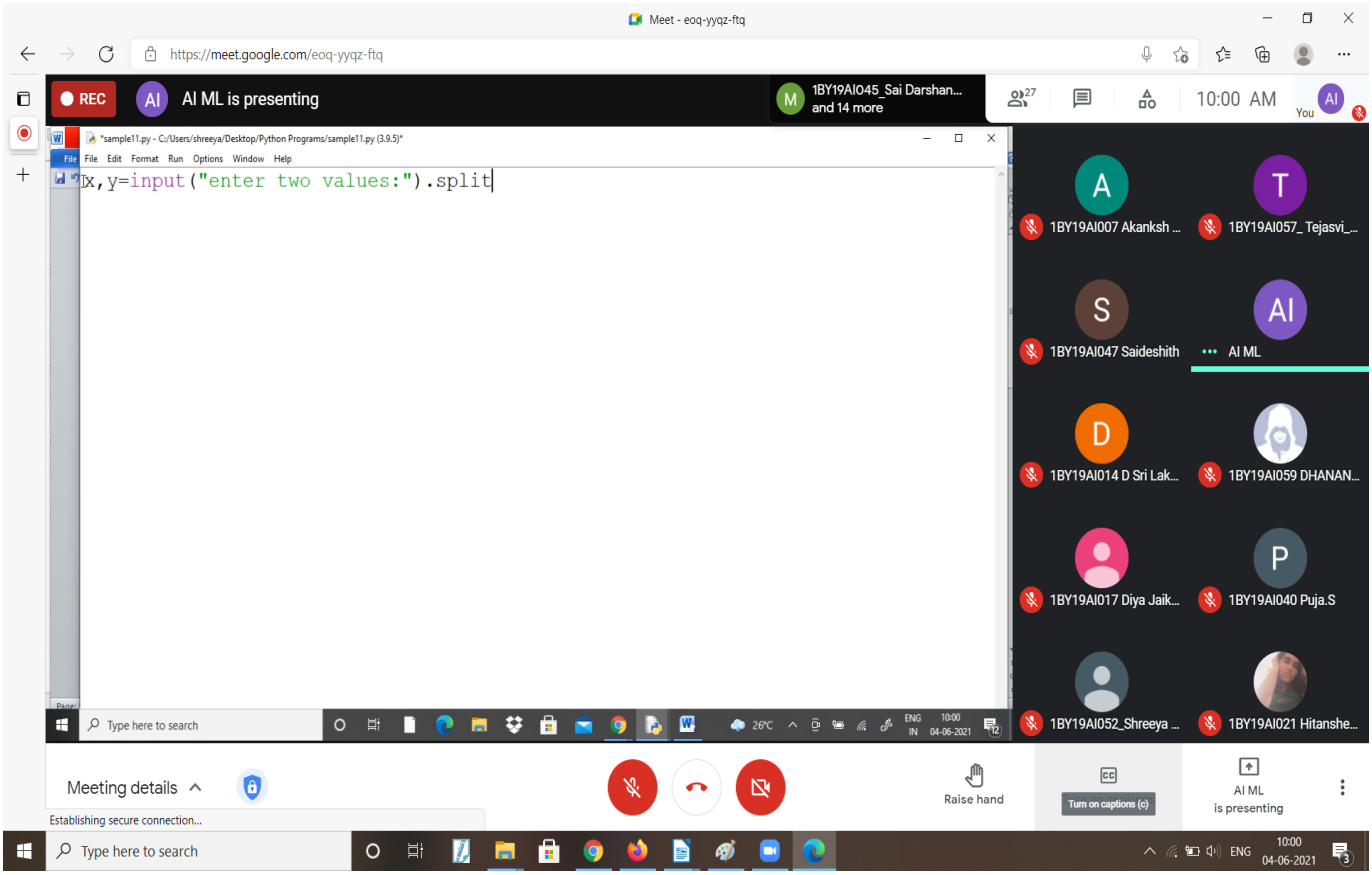
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REC
AI ML is presenting
1BY19AI045_Sai Darshan... and 14 more
10:00 AM
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sample11.py - C:/Users/shreeya/Desktop/Python Programs/sample11.py (3.9.5)
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x,y=input("enter two values:").split
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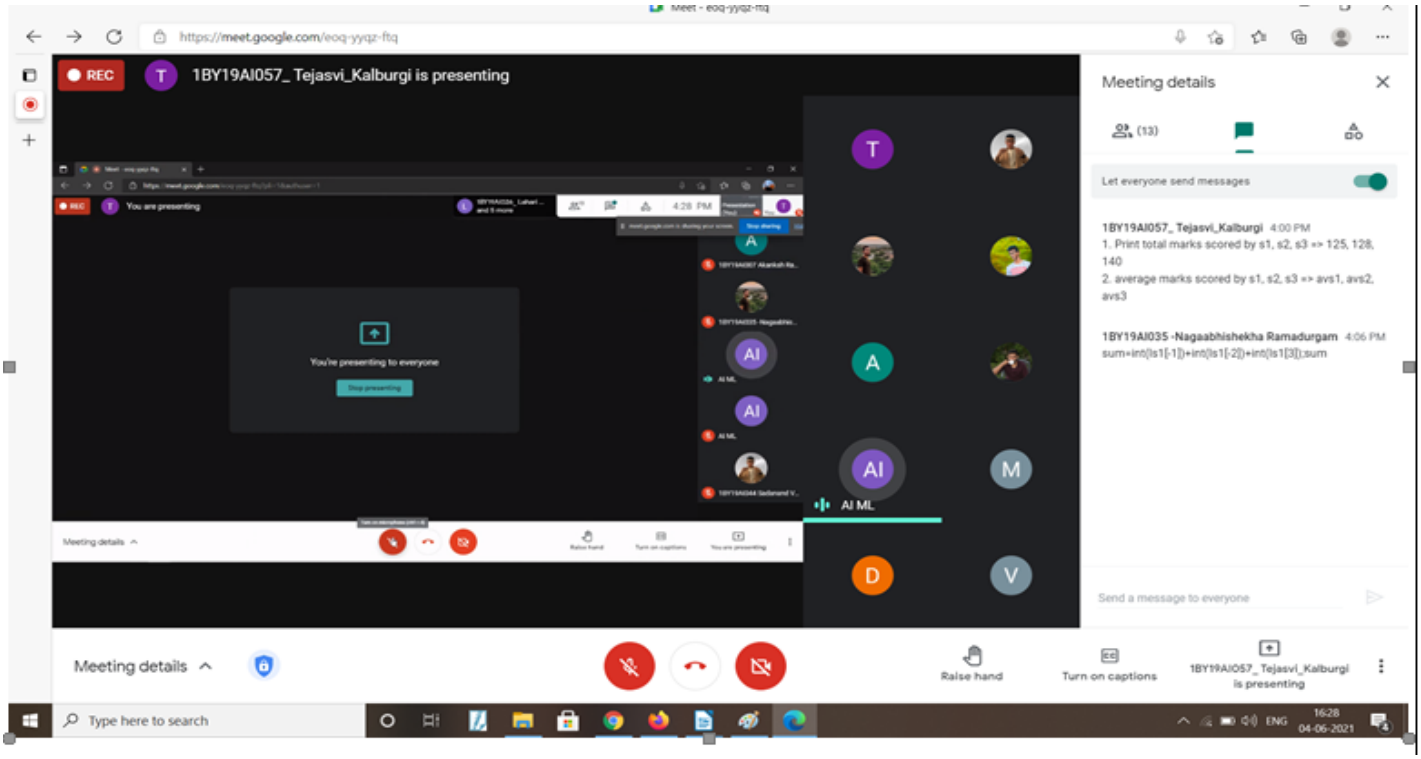

Open Course Outcomes Of "***Open course Title***"	**CO-1**	Explain basic principles of Deep Learning and Python programming languag
	CO-2	Classify data by applying various clustering algorithms using python programming.
	CO-3	Identify and apply the appropriate deep learning technique for classification, pattern recognition, optimization and decision problems
	CO-4	Evaluate the performance of various Classification algorithms in deep learning using python programming.

CO-PO Mapping for open course of "Problem Solving through programming using C/C++"

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO3
CO 1					2							2	
CO2			2									2	
CO3	3								2	2		3	
CO4		3			2							2	

Feedback from external expert:
1. External Speaker appreciated the participants for being interactive

Feedback (critical) from students:
1. Python Course must be conducted before Deep learning
2. Some of the sessions handled by external speaker should have been more clearer