



Bharatiya Vidya Bhavan's  
**Sardar Patel College of Engineering**

(Government Aided Autonomous Institution under University of  
Mumbai) Munshi Nagar, Andheri (W), Mumbai 400058



**IQAC, SPCE- Mumbai**

**Organized**

**TEQIP – III SPONSORED**

**Webinar**

**on**

**“Engineering Applications:  
Perspective of Machine Learning”**

**Speaker:-**

**Minal Patel**

**Assist. Vice President at Multinational  
IT Company**

**Organizer**

Dr. Santosh Rane

Dean Academics,

BVB's Sardar Patel College of Engineering  
Mumbai.

IQAC, SPCE- Mumbai organized a webinar on “Engineering Applications: Perspective of Machine Learning” on 19th, September 2020 from 6:00 pm to 7:30 pm. The speaker of the seminar was an eminent personality Minal Patel who Assist. Vice President at Multinational IT Company

The commencement of the webinar took place with a very warm welcome of the speaker and the participants by Dr. Santosh Rane, Dean Academics on the Google Meet Platform

Speaker Minal Patel shared her knowledge and experience in the Application of the industry 4.0- Machine Learning. She started the webinar from the definition of the Learning and what is the importance of machine learning in engineering as well as various business domains. She explained the framework on which machine learning is based along with various types of machine learning. Latter she gave the overview of ‘WEKA TOOL’, weka has a collection of various machine learning algorithms to solve various real-life data mining problems. She listed the application where machine learning can be used are as follows-

- I. Survey
- II. Land Issue
- III. Structural Health Monitoring
- IV. Structural Health Monitoring
- V. Malls and Brands
- VI. Automobiles
- VII. Building the new manufacturing set up

Speaker ended the webinar by explaining the problem of the Traffic Light Phase Optimization Problem with help of Machine Learning.

The webinar was further enlightened by the interesting doubts and queries of the participants. There was a separate question-answer session in the last which gave true colours to the webinar and gave chance to participants to ask their doubts on machine learning.

44 participants from various Institutions and industries attended the seminar. There was an interesting question-answer session on the topic at the end. The participants enjoyed the webinar very much.

The webinar ended with a vote of thanks given by Dr. Santosh Rane.

REC Premlal Babubhai Patel is presenting Sagar Pingale and 26 more

Home Insert Design Animations Slide Show Review View

Slides Outline

1 "Engineering Applications: Perspective of Machine Learning"

2

3 MACHINE LEARNING

4 Can You Identify?

5 Distinguish

Click to add notes

Slide 1 of 33 "Concourse" English (United States) Recovered 76%

You Premlal Babubhai SANTOSH RANE Nilesht Raykar Ashok Bhonsale Shivani Aware MANASI GHAN... Aditya Kakad Esha Dhulap

REC Premlal Babubhai Patel is presenting

Weka Explorer

Preprocess Classify Cluster Associate Select attributes Visualize

Open file... Open URL... Open DB... Generate... Load... Edit... Save...

Filter Choose: None Apply

Current relation Relation: iris Instances: 150 Attributes: 5 Sum of weights: 150

Attributes All None Invert Pattern

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2	sepal.width
3	petal.length
4	petal.width
5	class

Selected attribute

Name: class	Missing: 0 (0%)	Distinct: 3	Type: Nominal	Unique: 0 (0%)
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1	iris-setosa	50	50.0	
2	iris-versicolor	50	50.0	
3	iris-virginica	50	50.0	

Class: class (Nom) Visualize All

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6:52 PM 9/25/2020

You Premlal Babubhai SANTOSH RANE Nilesht Raykar Ashok Bhonsale Shivani Aware MANASI GHAN... Aditya Kakad Esha Dhulap

Meeting details

People (42) Chat

- Mrunal Mahant (You)
- Aditya Kakad
- Akshaya Thakare
- Amit Patil
- Anjali Verma
- Anuj Bhala
- Ashok Bhonsale
- Bindu Patel
- chetana patil
- Divya Shah
- Esha Dhulap
- Harshad Byadgi

REC

42



6:26 PM

You

Premal Babubhai Patel

SANTOSH RANE

Presentation (Premal Babubhai Patel)

Mrunal Mahant

Priyal Jain

Akshaya Thakare

Nilesh Raykar

MANASI GHANKUTKAR

Harshad Byadgi

Aditya Kakad

Esha Dhulap

Sagar Pingale

Sridhar Rampelli

Parimal Gunjal

Saily Shah

chetana patil

ROHIT KATKAR

Anjali Verma

pooja sonawane

Ashok Bhonsale

Prashant Chaudhari

Amogh Amberkar

Manjusha Desale

ornkar naik

Lavoo Dalvi

Irfan Khan

Jeetakshi Zala

prathamesh potdar

Anuj Bhala

Paras Dave

Amit Patil

Ranjit A. Patil

Yogesh Mogal

Saddam Siddiqui

Bindu Patel

Hemangi Mungad

Shekhar Paliwal

Sarvesh Chaudhari

PRITISH SHINDE

Pooja Chaurasiya

Somnath Salunke

More options

Meeting details ^



Turn on captions

Present now

