Moon Shots in Big Data, Business Analytics & Artificial Intelligence: A WebEx Approach

Organized at

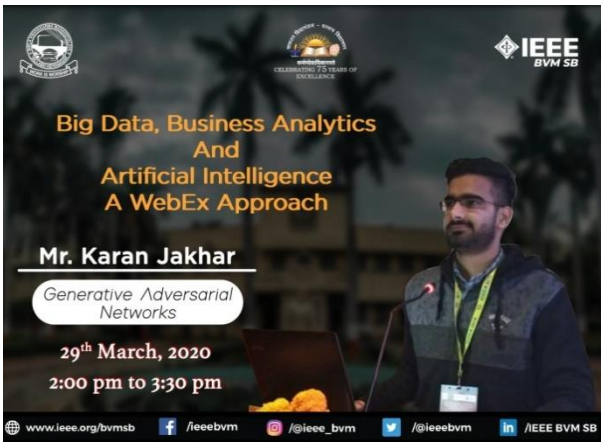
BVM IEEE

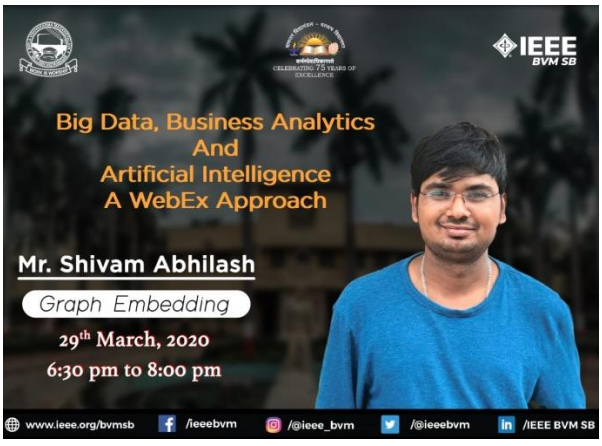
STUDENT BRANCH

BVM Engineering College

(An Autonomous Institution)

(Affiliated to Gujarat Technological University)





Summary Table

Title of the event/workshop:	**Moon Shots in Big Data, Business Analytics and Artificial Intelligence: A WebEx Approach**		
Name and Designation of the Experts:	**Name**		**Designation**
	Mr. Karan Jakhar		**Software Developer, Kaggle expert**
	Mr. Shivam Abhilash		**Chapter Advisor, IEEE Industry Application Society, Jadavpur University**
Contact Information of the Experts:	**Sr. No**	**Name**	**Email ID**
	1	**Mr. Karan Jakhar**	**karanjakhar4@gmail.com**
	2	**Mr. Shivam Abhilash**	**shivam.shivam@zs.com**
Name of the Principal of the Institute:	**Dr. Indrajit Patel**		
Department Name of the Institute:	**Electronics and Communication**		
Name of the Head of the Department:	**Dr. Bhargav C. Goradiya**		
Year/Semester of the Students:	**1st, 2nd, 3rd, 4th Year Students and professionals**		
Specific Subject under which event/workshop organized:	**IEEE**		
Date and Time of the Event/Workshop:	**Date: 29th March 2020** **Time: 2:00 PM to 3:30 PM & 6:30 PM to 8:00 PM**		

No. of Days for Event/Workshop:	**01**
IEEE Branch Counselor's Details:	**Name: Prof. Darshan C. Dalwadi**
	Email: darshan.dalwadi@bvmengineering.ac.in
Total No. of Participants:	**245**

Objective of the event

- To make the students of engineering aware about the emerging fields of big data, business analytics & artificial intelligence and their diversified applications in many real life problems and to develop solutions.

- To give basic understanding of machine learning, generative adversarial networks (GANs) and graph embedding.

Expected Outcomes

- Participants would be able to develop their models using machine learning, artificial intelligence, and would be able to develop mathematical solutions.

- Participants would also get theoretical understanding of artificial intelligence, machine learning and face recognition etc.

About the event

Session 1:
Generative Adversarial Networks
Mr. Karan Jakhar

- The session began at 2:00 PM with an enthusiastic welcome to participants across the web to attend the webinar. The session started with topic 'Training GANs' via an interesting mathematical game called minimax.
- 'How the photographs of human faces are generated' was the next topic that was touched upon.
- How to set some parameters in DCGAN Kaggle & working of Discriminator and Generator were explained.
- Further, the topic of image processing was discussed followed by QnA session.
- In the conclusion, how every topic is interrelated with each other was shown with closing remarks.

Session 2:
Graph Embedding
Mr. Shivam Abhilash

- The session began at 6:30 PM and participants were excited to explore areas of machine learning after an informative session on GANs.
- The session started with basics of machine learning and various real life problems were discussed. Concept of Feature engineering was introduced.
- Application of machine learning using big data was explained by 'Recommendation Using Knowledge Graph'.
- An example of this was introduced by Movie Recommendation System.
- An open house QnA session held in which participants raised their doubts regarding ML, AI and its peripheral aspects.
- In the conclusion, the future of AI, and Machine learning and importance of these fields was explained to participants with closing remarks.

Glimpses of the event

Session 1

Generative Adversarial Networks: Mr. Karan Jakhar

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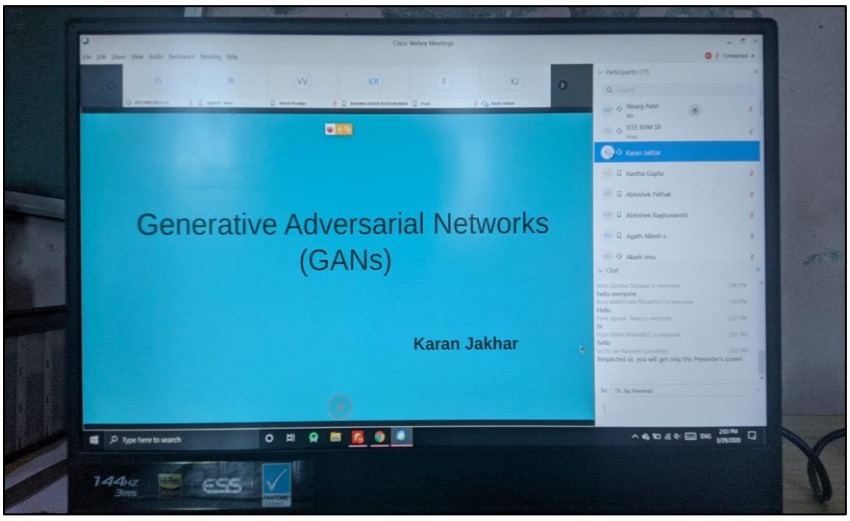

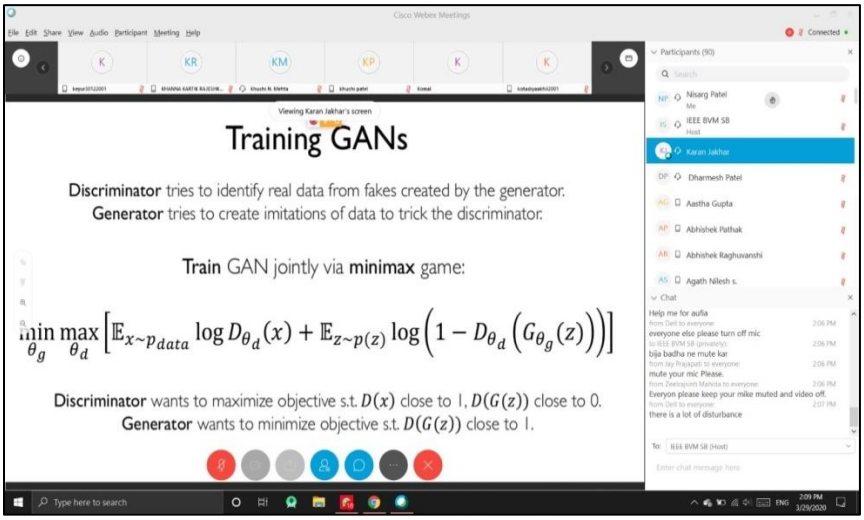

Session 2
Graph Embedding: Mr. Shivam Abhilash

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