



MANAGED BY PLATINUM FOUNDATION  
**GANDHINAGAR INSTITUTE OF TECHNOLOGY**

"WHERE SUCCESS IS A TRADITION"  
(Approved by AICTE and Affiliated to Gujarat Technological University)

**A Report**

**on**

**“Computer Vision”**

**Webinar**

**Organized by**

**GIT-IQAC and IT/CE Department**

**on**

**3<sup>rd</sup> July 2021**

**Gandhinagar Institute of Technology**

**2020-2021**



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**Level: Institute Level Programme**

**Category: Webinar**

**Date: 03/07/2021**

**No. of Resource Person: 1**

**No. of Participants: 68**

**Coordinator Name: Prof. Madhuri Chopade**

**Details of Resource Person: Prof. Rachana Chhajed, PICT,Pune.**

**Mode: Online (Google Meet)**

**Inspiration: Dr H N Shah, Director, Gandhinagar Institute of Technology**

### **Objective:**

The Objective of this webinar was to make the audience aware about recent trends and technologies one of which is Computer Vision. Computer vision is an interdisciplinary scientific field that deals with how computers can gain high-level understanding from digital images or videos. Participants would get the theoretical as well as practical insights regarding how different algorithms will work with different application for scene reconstruction, object detection, event detection, video tracking, object recognition, motion estimation and image restoration.

### **Programme Details:**

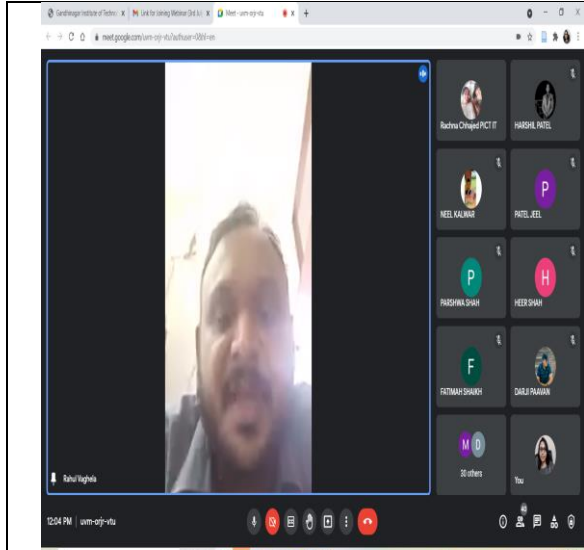
**The inaugural session** started by Prof. Madhuri Chopade with a welcome note to distinguish speaker and all the participants. Followed by introductory speech from Prof. Rahul Vaghela (HOD IT) about Gandhinagar Institute of Technology and achievements of students in IT department. Prof. Madhuri Chopade introduced expert of webinar, Prof. Rachana Chhajed, to participants.

**Prof. Rachana Chhajed** discussed about the difference between Artificial Intelligence, Machine Learning and Deep Learning also talk about how Computer Vision is different from Human Vision. She explained different types of Computer Vision and the applications with challenges. Then she focused attention of participants by taking Hand-on session on how to detect objects using Convolution Neural Network and Recurrent Convolutional Neural Networks.

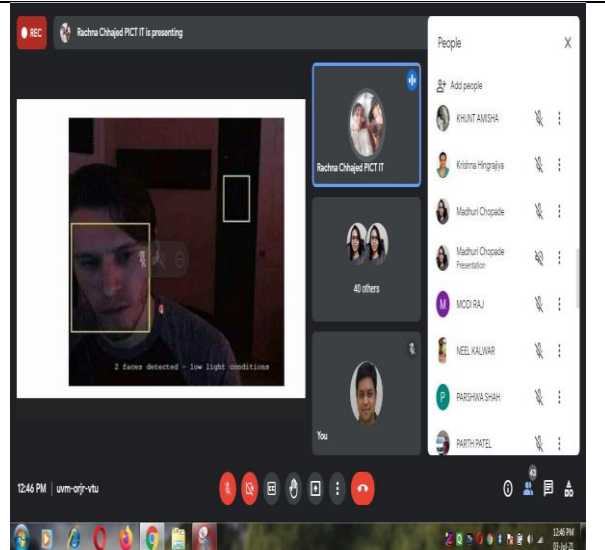
**Question answer session** was conducted after the completion of session with a very interactive response. **The feedback** link was shared with all the participants at the end of each session. There was wonderful feedback received from the participants.



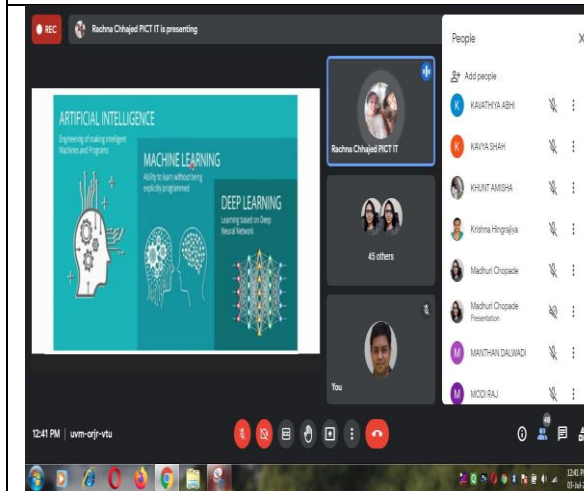
## Glimpse of webinar on "Computer Vision":



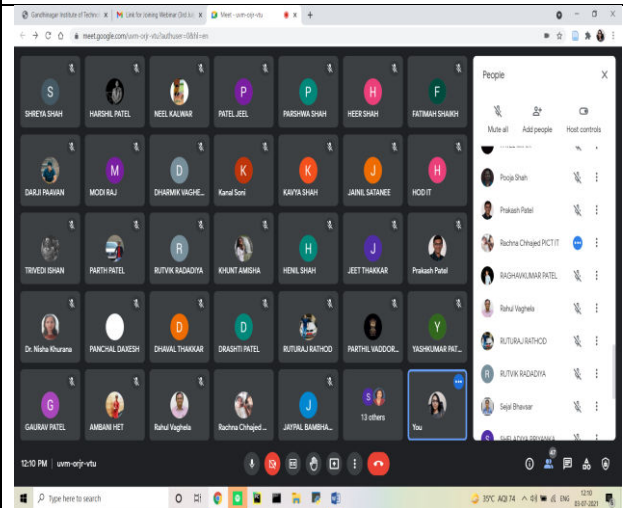
**Prof. Rahul Vaghela addressing the participants.**



**Prof. Rachana Chajjed explaining about Face detection**



**Prof. Rachana Chajjed explaining difference between AI, ML and DL**



**Participants at a glance**

**The valedictory function** began with concluding remarks and vote of thanks by Prof. Madhuri Chopade. She thanked the experts and participants for their valuable time. GIT family conveys a big thankfulness to expert, Prof. Rachana Chajjed for giving valuable insight on Computer Vision. The coordinators of Webinar express sincere thanks to the Trustees, Management, Director Sir Dr. H.N Shah, Prof. Rahul Vaghela (HOD, IT), Prof. Rajan Patel (HOD, IT/CE), Faculty Members, Technical Team and all the participants for their support to make the Webinar a grand Success.