



**Department of Computer Science & Engineering**  
**BABU BANARASI DAS**  
**Institute of Technology & Management, Lucknow**

Recognized by AICTE, Govt. of India & Affiliated to Dr. A.P.J Abdul Kalam Technical University, Lucknow, AKTU College Code=054

**Webinar On**  
**Computer Vision Report**

The poster features a dark green background with white and light green text. At the top left, it displays the IEEE logo and the text 'IEEE ADGTM'. The main title 'COMPUTER VISION' is written in large, bold, white capital letters. Below it, the subtitle 'FROM INSIGHT TO IMPLEMENTATION' is in a smaller, light green font. On the right side, the date '17 JULY 2022' is prominently displayed in white. A circular portrait of the speaker, Virey Kumar Verma, is shown in the bottom left. To the right of the portrait, his name is written in a cursive script, followed by his titles: 'IEEE Machine Learning @ Ford', 'Former Senior Computer Vision Engineer', and 'AI Workshop Public Speaker'. A vertical watermark 'COMPUTER' is visible on the right edge of the poster.

**1. Brief Description:**

An interactive webinar entitled “**Computer Vision** ”on July 17<sup>th</sup> 2022 under the oversight of Dr. S.S Chauhan (Director, BBDITM), Dr. Anurag Tiwari (Head CSE dept.), Dr. Manuj Darbari (convener), Dr. Diwakar Yagyasen (convener), Mr. Ankur Srivastava, Mr. Anurag Shukla.

The motive of the session is to give rich knowledge on Computer Vision and how it can help us in coming future and also in our daily life.

**2. Program Date:** 17<sup>th</sup> July, 2022.

**3. Venue:** Virtual Platform (Google Meet)

**4. Recourse Persons:**

**Mr. Vinay Kumar Verma** is the former Senior computer engineer in Wobot.ai.

**5. Target Students:** students of Computer Science and Engineering

# **COMPUTER VISION – FROM INSIGHT TO IMPLEMENTATION**

## **EVENT REPORT**

**DATE:** 17<sup>th</sup> July, 2022

**TIME:** 4 PM

**VENUE:** Google Meet

**ORGANIZERS:** IEEE ADGTM

### **About the event**

IEEE PES ADGTM conducted a webinar on the topic COMPUTER VISION- FROM INSIGHT TO IMPLEMENTATION on 17<sup>th</sup> July, 2022 for all students. It was organized keeping in mind the interests of students who seek to become acquainted with computer vision that included basic knowledge of neural networks and how data processing is done. It was delivered by our very special guest speaker, Mr. Vinay Kumar Verma.

This event kickstarted with the introduction of the guest speaker. He is Former-senior computer engineer-1 in Wobot.ai. Then the session followed with the importance of computer vision and neural networks and over the span of time, the session elucidated the significance of computer vision along with its applications. The event hence became a treasure trove of knowledge.

### **ACTIVITIES**

- Students were taught that the computer vision is a field of Artificial Intelligence (AI). Works on two essential technologies i.e., Machine learning (ML) and Convolutional Neural Network (CNN).

- The knowledge of how and why computer vision and neural network work.
- Students were given real life applications to demonstrate how important computer vision is to endeavours in business, entertainment, transportation, healthcare and everyday life.
- Furthermore, students learnt how to build a project using this technology.

## **OBJECTIVES**

The objective of this webinar is as follows:

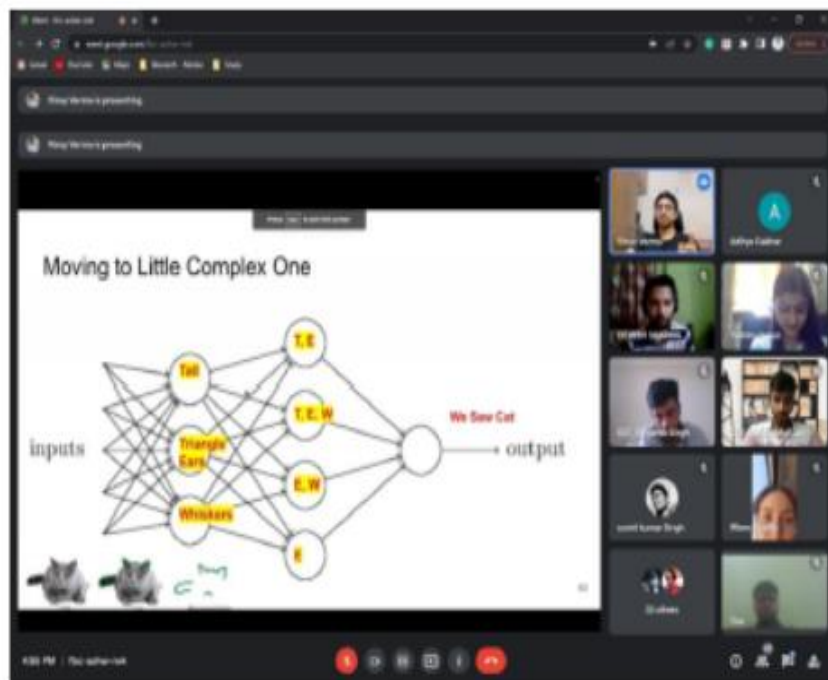
- To enhance interest in the field of computer vision and convolutional neural network.
- To give basic idea of how and why computer vision works using machine learning and convolutional neural network along with data processing.

All of these objectives were hence fulfilled during the webinar.

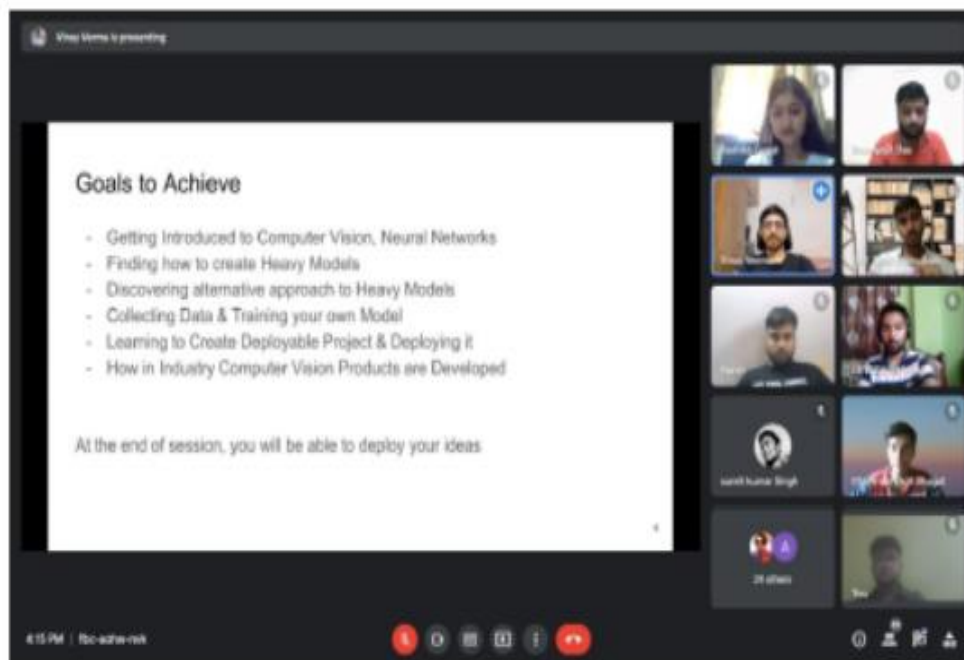
## **Proposed Name of Faculty Organizers:**

- 1 Dr. Diwakar Yagyasen (Convener)
- 2 Dr. Manuj Darbari (Convener)
- 3 Mr. Ankur Srivastava
- 4 Mr. Anurag Shukla.

## Event Pics:



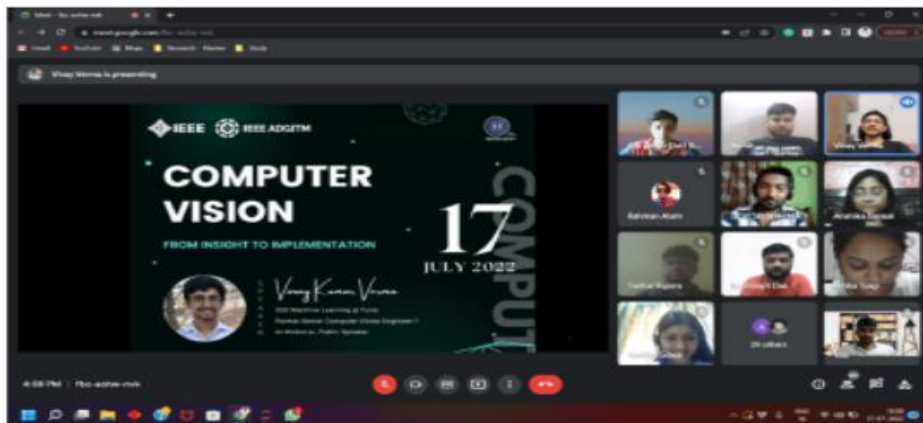
The screenshot shows a Zoom meeting window. The main content is a slide titled "Moving to Little Complex One". The slide features a diagram of a neural network with three input nodes labeled "Tail", "Triangle Ears", and "Whiskers". These are connected to three hidden nodes labeled "T.E", "T.E.W", and "E.W", which are then connected to a single output node. Below the diagram are small images of a cat's tail, ears, and whiskers. To the right of the diagram, the text "We Saw Cat" is written in red, with an arrow pointing to the output node. The slide is presented in a browser window, and the Zoom interface shows a grid of participants on the right side.



The screenshot shows a Zoom meeting window. The main content is a slide titled "Goals to Achieve". The slide lists the following objectives:

- Getting Introduced to Computer Vision, Neural Networks
- Finding how to create Heavy Models
- Discovering alternative approach to Heavy Models
- Collecting Data & Training your own Model
- Learning to Create Deployable Project & Deploying it
- How in Industry Computer Vision Products are Developed

Below the list, the text reads: "At the end of session, you will be able to deploy your ideas". The slide is presented in a browser window, and the Zoom interface shows a grid of participants on the right side.



## Feedback-

### FEEDBACK

- Topic knowledge
- Presentation skills
- Would you like to learn more about this topic?
- How would you rate the content of the slides
- How would you rate the overall session?

