

## Report on Expert Session by Dr. Sachin Sharma

**Topic:** Hands on: Computer Vision and its Application

**Date:** 2<sup>nd</sup> May 2023, Time: 11 AM – 12:30 PM

**Venue:** Lab no.330, GTU- GSET

### Event Summary

Today Computer Engineering department of GTU-GSET has conducted expert session on various topics by academics expert Dr. Sachin Sharma from Adani Institute of Digital Technology.

Topics covered are as:

1. Computer Vision was implemented based on the aspect of Deep Learning.
2. Importing the data from the given raw data set & then we applied the filtration to it
3. Preprocessing the data was done in few steps and the value based on the Training & Testing data which was applied in the form of input
4. We started with firstly defining the data in form of shape which was imported from the library. We further substantiated the data in form of
  - Flattening
  - Normalization
  - Categorical Encoding
4. Visualization of the data.
5. DL model developing and testing

Session was attended by 17 students of Data Science & ME Computer Engineering, GSET. The session was concluded by vote of thanks to expert by Prof. Soniya Jain GTU-GSET and direction of Dr. S. D. Panchal - Director GSET.

## Glimpse of Event

