Report

Topic-: Expert session on **Image processing** and **its application**

Date of event-: 26th Oct 2023   Guest speaker-:

Mr. Nishant Patel Associate System Engineer KevisonSystem, Ahmedabad.
Mr. Maaz Machine Vision Engineer Semitronik Instruments Gandhinagar

Image processing plays an increasingly vital role in today's digital world. With the exponential growth in the volume of visual data generated by various sources, from smartphones to surveillance cameras, image processing has become essential for a wide range of applications. This technology enables us to extract valuable information, enhance image quality, and automate tasks that were once time-consuming and error-prone. From medical diagnostics and self-driving cars to social media filters and security systems, image processing empowers industries and individuals alike. As we continue to rely on visual data for decision-making, communication, and entertainment, image processing remains a cornerstone of our digital age, shaping the way we see and interact with the world.

So to enlighten us on how image processing has made its way into the industry and how we can opt its as a career our guest speakers Mr. Nishant Patel and Mr. Maaz Bkarawala who are also our precious alumni had given us their precious time.

After a small introduction on themselves and where they have been working, they began to provide the brief on what image processing is and what are the types of images that are present and what are the different processes involved in image processing and where can image processing be applied as in industries.

This all knowledge was provided with a ppt that they had brought with them which had different images that portrayed the examples and the procedures that they were trying explain to us.

Finally, the session ended with them asking us if they had any doubts regarding the session and how we can opt image processing as a career and they very clearly and nicely answered every question that was asked by the students.

And at the end the speakers along with the students and faculty's present had a group photo and the session came to an end at a good note.