

Online Workshop on Face Detection & Recognition

The **CSI Student Branch of Maharaja Surajmal Institute** organized an online workshop on “**Face Detection & Recognition**” on **9th October, 2020**.

During the COVID-19 pandemic, everyone has a great chance of brushing up their skills and knowledge. Thus, to give a boost to it, this online workshop was organized by the team on the online platform *Microsoft Teams*.

We had received over 600 registrations from students, faculties, research scholars and others from different streams like IT, CSE, BCA, BSc(IT), BSc(CS) of different colleges of India.

The workshop started with a welcome address by **Dr. (Prof.) Rachita Rana, Director, Maharaja Surajmal Institute**. It was followed by an address by Chief Guest of the Event, **Prof. R K Vyas, President, Computer Society of India**. Then, it continued with an address by Guest of Honour, **Prof. A K Nayak, Immediate Past President, Computer Society of India**.



After the address, the workshop session started by the keynote speaker, **Dr. Durgesh Kumar Mishra, Director, Sri Aurobindo Institute of Technology, Indore**. The workshop started from the basics of the technology so that the attendees who are new to it can also easily understand the workshop.

The workshop included various live coding example and a demo of Face Detection & Recognition. The basics of Face Detection were simplified for the attendees so that they can understand various libraries, packages which were being used to perform the various functions. Various terminologies were explained to simplify so that the attendees who are new could understand it. Various tools like Anaconda, Jupyter Notebook were used to conduct the workshop.

An outline of the complete workshop is:

Outline

- Face Detection
 - What is face detection?
 - Importance of face detection
 - Current state of research
 - Different approaches
 - One example
- Face Recognition
 - What is face recognition?
 - Its applications
 - Different approaches
 - One example
- A Video Demo
- Implementation

Around 190+ people attended the live online workshop. After the session was completed, the vote of thanks was delivered by **Ms. Rhythm Choudhary**, *State Student Coordinator, Computer Society of India*.

Organising Members includes:

- Ankit Jee
- Debaangshu Sen
- Archit Kumar Singh
- Aditya Negi