

### **Webinar on**

# **Video Processing**

Date: 13<sup>th</sup> August 2020

Resource Person:

Dr. Jharna Majumdar

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Co-ordinator:

Dr. Sujata Chakravarty

Department of Computer Science and Engineering

No. of Participants: 158

#### CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, PKD

Dr. Jharna Majumdar is currently the Dean R & D, Prof. Dept of M Tech Comp Sc & Engg. and Head of two Research Centre of NMIT, Centre for Robotics Research and Centre for Space research at the Nitte Meenakshi Institute of Technology, Bangalore, India.

## **About the Session:**

This session gives the varied defence applications on video processing. This session discusses machine learning, types of machine learning, uses of machine learning etc. It also provides the details of video processing used in varied defence applications such as video geo registration, extraction of intelligence from flight missions, etc. by using neural network, deep neural network and convolutional neural network.

#### **Objectives:**

- To understand the image processing
- To gain the knowledge of machine learning and its uses
- To extract the basic knowledge of video processing
- To learn the uses of video processing in defence

#### **Outcome:**

It could be utilized for tracking the objects from the different videos. To detect the rotated objects from the video by using recent methods.

## Photographs of the event:

13<sup>th</sup> August 2020

Basics of ML, Video processing and applications of defence

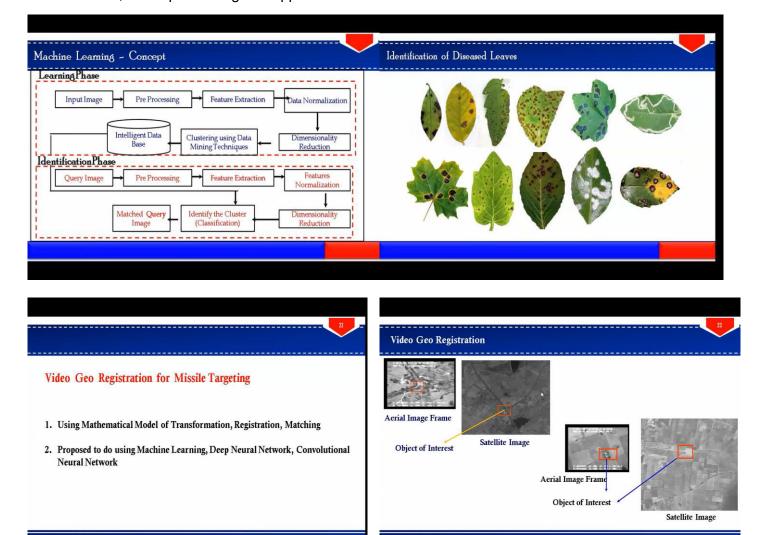


Figure 1: Basics of ML, video processing and applications of defence



Resource Person

Coordinator: Dr. Sujata Chakravarthy

Dr. Jharna Majumdar

Prof. & Head CSE, SoET

centurion university of technology and management

Figure 2: Brochure of the webinar on "Video Processing"

## PARTICIPANT LIST

1	Dr. Tumanath Samantara	Associate Professor
2	Dr. Swarnalata Jena	Associate Professor
3	Dr. Ajit Kumar Pradhan	Associate Professor
4	Dr. Biswanandan Dash	Associate Professor
5	Saubhagyalaxmi Singh	Asst. Professor
6	Sasi Bhusan Padhi	Asst. Professor
7	Subhashree Hota	Asst. Professor
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29	Dr. Nagesh Kolagani	Professor
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37	Dr. Tanmoy Shankar	Associate Professor
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63	Dr. Bairagi Chandra Behera	Professor
64	Dr. Maheswara Behera	Professor
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142	Prajna Paramita Debata	Asst. Professor
143	Babuli Kumar Jena	Asst. Professor
144	Dilip Kumar Mohanta	Asst. Professor
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146	Dr. Kamal Kumar Barik	Associate Professor
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149	Snigdha A Sanyal	Asst. Professor
150	Sadhana Devi	Asst. Professor
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155	Dr. Sivala kumar	Dean SoABE
156	Shekhar Sahu	Assistant Professor
157	Vivek Kumar	Assistant Professor
158	Santosh Paramanik	Assistant Professor



Dr. Prasanta Ku. Mohanty Dean Academic

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