



# Savitribai Phule Shikshan Prasarak Mandal's SKN SINHGAD COLLEGE OF ENGINEERING

At Post- Korti, Taluka-Pandharpur, District-Solapur, Pin-413304

## One Page Seminar Report

**Guest Lecture Topic: - Image Processing with Matlab**

**Expert Name: - Dr. Sarika Shivanand Patil**

**Organisation: - Sinhgad College of Engineering, Pune**

**Department: - Electronics & Telecommunication Engineering**

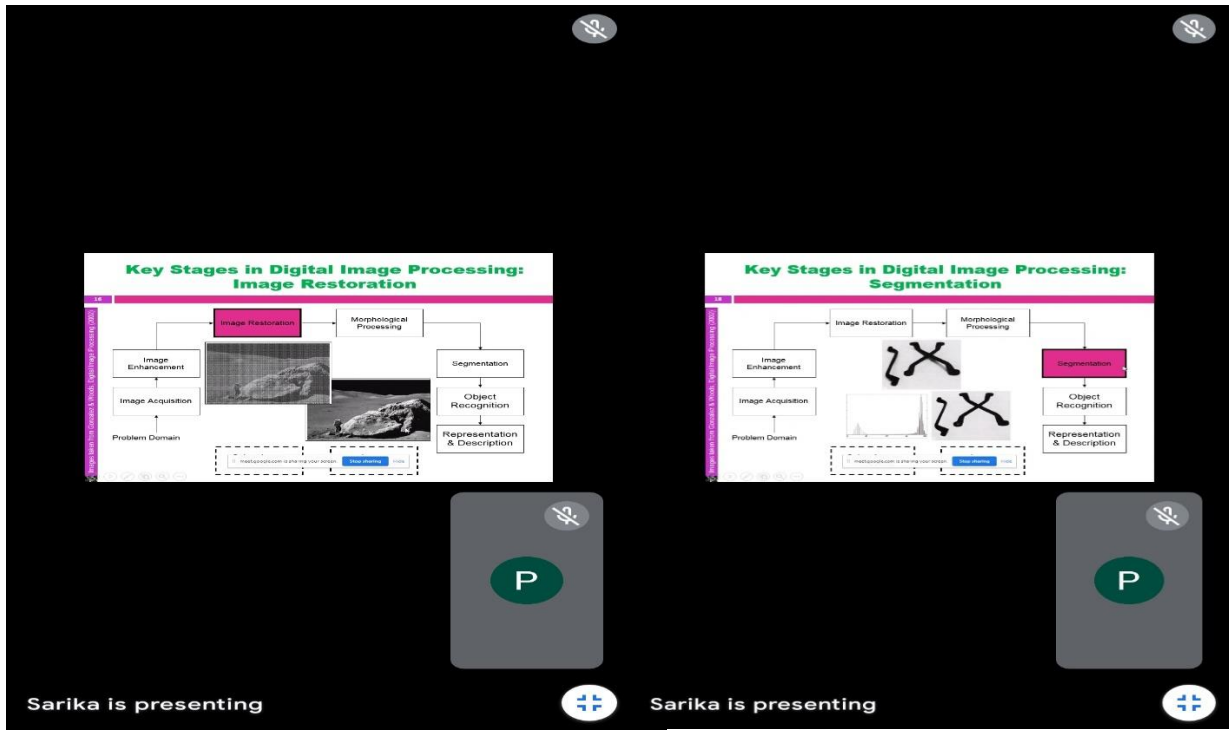
**Date: - 09/09/2021**

**Description:-**

In Image Processing with Matlab, we learnt key stages in digital image processing, image acquisition, enhancement, image restoration, morphological processing, segmentation, object recognition, representation & description.

In this session, different applications of Image processing using Matlab like face detection, autonomous vehicles, fingerprint verification are studied. Also, image processing applications like biometric, robot vision, underwater application, traffic monitoring, currency recognition, medical application etc also learnt.

The screenshot shows a mobile presentation interface. At the top, the status bar displays 4G, signal strength, 61.1K/s, 5:35 PM, and 60% battery. The main content area is divided into two slides. The left slide, titled "Image Processing Applications", features a grid of six images: Biometric (face and hand), Robot Vision (robot in a room), Underwater Applications (submarine), Traffic Monitoring (highway with cars), Currency Recognition (Indian 1000 rupee note), and Medical Applications (MRI scan). The right slide, titled "Fingerprint Verification / Identification", contains a flowchart. It starts with "Who am I?" leading to "ID" and "Match". Below "Match" is "1 : N Match" and "Biometrics Database". The flowchart then branches into "I am who I say I am" leading to "Match" and "Yes/No". Below "Match" is "1 : 1 Match" and "(Distributed) Biometrics Database". At the bottom of the screen, there are two grey buttons with a green circle containing a white 'P' and a speaker icon. The text "Sarika is presenting" is visible at the bottom left and right.



Sarika is presenting

Sarika is presenting

4G 27.9K/s 5:42 PM

4G 56% 4G 13.8K/s 5:42 PM

4G 56%

About this call

About this call

People

Info

People

Info

- 39\_BEENTC\_Priyanka\_...
- Atik pathan
- Sarika Patil
- Sarika Patil (Presentat...
- TY\_11\_Pranali Hajare
- TY\_14\_Pratiksha Kirte
- TY\_15\_Snehal Kumbhar
- TY\_16\_Shripad Lokhan...
- TY\_17\_Monika Mali
- TY\_21Urmila Narute
- TY\_28\_Shraddha Shirh...

- Priyanka Bankar (You)
- 01\_BEENTC\_Kajal\_Ba...
- 13\_BEEntcRutuparna ...
- 19\_BE\_E&TC\_Dnyanad...
- 26\_BEENTC\_Pooja\_K...
- 28\_BEENTC\_Rasika\_R...
- 39\_BEENTC\_Priyanka\_...
- Atik pathan
- Sarika Patil
- Sarika Patil (Presentat...
- TY\_16\_Shripad Lokhande left