



INDIAN
INSTITUTE OF
TECHNOLOGY

ESE
LAB

ELECTRICAL
ENGINEERING



INDIAN SIGN
LANGUAGE

- Object Detection of Hands using YOLOv8
- Classification of hand gestures to predict alphabets and numbers.

AI VS HUMAN RPS
GAME



- Classic Rock, Paper & Scissor game.
- Human can challenge and play against AI in this classic game

O P E N D A Y 2 0 2 3



NON CONTACT
MEASUREMENT OF
VITAL SIGNS

- Detection of breathing rate and heart rate without physical contact using FMCW radar.

REALTIME FACE
RECOGNITION



- RealTime Face Recognition using Raspberry PI and OpenCV

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