

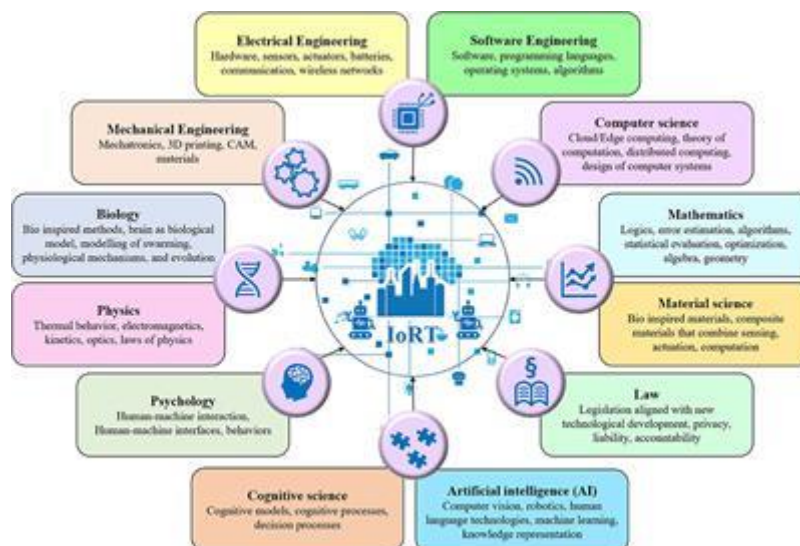
TOPIC: A REALTIME COMMUNICATION SYSTEM POWERED BY AI FOR SPECIALLY ABLED

TEAM ID: PNT2022TMID43736

PRE-REQUISITES

Artificial intelligence (AI) is defined as any process or device that perceives its environment and takes actions that maximize the chances of success for some predefined goal, which can provide feasible solutions for emerging complex communication systems. The recent advances in machine learning, such as deep learning, convolutional neural networks, recurrent neural networks, and reinforcement learning, hold significant promise for solving complex and intractable problems. The fifth generation (5G) wireless communications are expected to satisfy the diverse service requirements in various aspects of our daily life, from residence, work, leisure, to transportation.

PROJECT STRUCTURE



DATA COLLECTION

Hand gestures of different people are collected.

IF region of interest is drawn

EXTRACT region of interest

RESIZE extracted image

ADD rim into extracted image

SET grayscale to extracted image

SET histogram equalization to extracted image

END IF