

An Active Learner

## EDUCATION

10th

Amrita Vidyalayam

05/2013 - 05/2014

9.0

12th

Amrita Vidyalayam

05/2015 - 04/2016

75.6

B.Tech

SRM Institute of Science and Technology

06/2016 - 06/2020

76.41

## WORK EXPERIENCE

Internship

Asahi India Glass Pvt. Ltd.

05/2017 - 06/2017

Bawal, Haryana

## SKILLS

Communication

Active Listener

CAD Design

Good Observation

Team Player

## PERSONAL PROJECTS

FABRICATION OF PORTABLE MANUALLY OPERATED PERSONAL ASSISTANT SYSTEM FOR BLIND PEOPLE USING RASPBERRY PI (12/2019 - 04/2020)

- Main Aim of this project is to develop a Manually operated personal assistant system for Blind people to assist establish faces of individuals standing before of them and accustomed scan book or any legible document. This project aims to build a personal assistant run as a process chip through maltreatment Raspberry Pi. It highlights the usage of closely associated AI and IoT technology to reduce interface communications, so as to align the machine system with the physical unit. Perhaps, it includes Raspberry Wifi, IR cameras, microphones and earphones. It is a personally assistant operated by speech that is able to analyze the material on the video, then convey the shopper's appearance by using the built in mic. It allows people with visible disabilities to connect themselves to the world by supplying them with a simple knowledge like face recognition, book-reading and item detecting. The Face identification system uses the Haar-Cascade algorithmic rule which may establish solely the illustrious faces i.e., already trained faces that keep in information. In Book-reading mode it uses OCR (Optical-Character Recognition) algorithmic rule to scan the text. In Object-detection the thing will detects by comparison the photographs which can be keep in information.

## ORGANIZATIONS

SRM Institute of Science and Technology  
(06/2016 - 06/2020)

## CERTIFICATES

SolidWorks (03/2019 - 04/2019)

CATIA (06/2018 - 07/2018)

AutoCad (04/2019 - 07/2019)

Ansys (08/2019 - 04/2020)

## LANGUAGES

English  
*Full Professional Proficiency*

Hindi  
*Native or Bilingual Proficiency*

Odia  
*Limited Working Proficiency*

Tamil  
*Limited Working Proficiency*

## INTERESTS

Sports

Reading

Travelling