



## CONTACT ME

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## EDUCATION

**Sri Sarada Vidyavanam Girls Mat.  
Hr. Sec. School, Madurai**  
Higher Secondary  
2018 - 2020

**PSNA College of Engineering and  
Technology, Dindigul**  
UG Scholar  
2020 - 2024

**CGPA:**  
8.59  
Till V Semester

## SKILLS

- HTML, CSS, Java Script
- Python
- Java
- Django
- AI, ML, DL & Algorithms
- Data Science

# SILPICA T P

Web Developer, AI Engineer,  
Patent Holder.

## PROJECTS

### Identification of Pest and Diseases in Coconut Tree Using Artificial Intelligence of Things (AIoT) .

To identify and cures the diseases at the top of the coconut tree by UAV using the combination of Artificial Intelligence and Internet of Things

### Detecting Dissolved Oxygen Levels in Aquatic Environments.

To identify the dissolved oxygen levels in the water bodies using IoT and AI techniques and to notify the government when the level decreases to save the marine life.

### An Adaptable Single and Multi-Face Recognition for various sectors.

The strategy comprises some modular and efficient algorithms like Siamese Neural Network (twin neural network) for accurate one-shot image recognition. Then, using dlib for both one face and multi face detection in a crowd. A pixel wise face localization method, Retina face to perform tasks such as face detection, 2D face alignment and 3D face reconstruction simultaneously for accurate precision.

### A Customizable AI Deck For Pitch Reports and Automated Third Umpire Decision Review System.

This project focuses on a technology that helps the umpire make critical determinations regarding whether the batsman is out or not and also minimizes the waiting time. A pitch report and comprehensive cricket laws are also included for the sake of the game.

## CERTIFICATIONS

**25+ Course Completion Certificates.**

## COMPETITION

**IEEE YESIST '23, Chennai.**

**Global Cricket Hackathon 2022**

**StartUP TN 2 Days Hackathon 2023**

**TN-SDG Girls Championship 2022**

**AVSAR Hackathon 2022**