

SARADA K GOPAL

saradakgopal@gmail.com

8281095016

OBJECTIVE

Caring, enthusiastic teacher with a strong commitment to develop future of our nation and the learning experience. Excellent background and proven success in helping children reach their full potential. Presents information in a wide variety of ways, emphasizing the relevance of classroom material to the world outside of the classroom by using modern technology.

Additional capabilities in:

- Cooperative Learning
- Interactive Learning
- Parent Relations
- Classroom Management
- Whole Group Learning
- Communication

EDUCATION DETAILS

SL: NO	Course	College/School	Passout Year	Percentage of marks
1	MSC Computer Science	A J College of Science & Technology	2020	73.23
2	BSC Computer Science	National College	2018	71.63
3	Senior School Certificate	Arya Central School	2015	54.4
4	Secondary school certificate	Arya Central School	2013	68.4

SKILLS

- Knowledge in Python, C ,C++,PHP
- Communication skills
- Presentation skills
- Self-motivated
- Hard working
- Positive Attitude

ATTENDED CONFERENCE

Conference: ICBSII 2021 (2021 IEEE Seventh International Conference on Biosignals, Images and Instrumentation)

Title: DROWSINESS DETECTION SYSTEM USING DEEP LEARNING

JOURNAL PUBLISHED

Journal Name: DROWSINESS DETECTION SYSTEM USING DEEP LEARNING

Refer: <https://ieeexplore.ieee.org/document/9445132>

PROJECT

➤ Drowsiness Detection System

In this project designed a new detection method using Cascade Convolutional Neural Network (CNN) and for facial regions based on 68 key points. Then use these facial regions to evaluate the drivers' state. Algorithm used here Viola Jones Algorithm for face detection. Here system has five basic steps: at first video capture through NIR camera then frames converted, secondly face detected, third step eye and mouth detection, fourth state estimation and finally drowsiness detected. The number of frames that acquire in one second is 20 frames. This project is carried out adapting new platform that is Google Colab.

PERSONAL PROFILE

Date of Birth	:	03-09-1996
Gender	:	Female
Father's Name	:	Rajagopal K. S
Mother's Name	:	Kala
Address	:	Devi Karunam, Ponnandumcherry, BSNRA C- 29A, Mannanthala, Nalanchira P.O, TVM, Kerala. 695015
Marital Status	:	Single
Mother Tongue	:	Malayalam
Languages known	:	English, Malayalam, Hindi
Religion	:	Hindu
Nationality	:	Indian

DECLARATION

I hereby declare that all abovesaid details are true to the best of my knowledge and believe.

Thiruvananthapuram
14/11/2021

Sarada K Gopal