



MADHURI C

Assistant Professor

Phone: +91.8606831755

Email: madhurimaadhu5@gmail.com

LinkedIn: [Linkedin.com/in/madhuri-c](https://www.linkedin.com/in/madhuri-c)

PROFILE

Dedicated and experienced College Assistant Professor with over 3 years of experience in the Electronics and Communication Engineering Department of Study World College of Engineering. Eager and enthusiastic beginning teacher candidate with experience working with young people. I am a positive person who has an enthusiastic outlook on life. Patient and easygoing person with strong interpersonal skills, allowing me to be a capable leader of a classroom and someone easy to work.

EDUCATION

- ♦ **Master of Engineering / Master of Technology, Signal Processing**

College of Engineering, Thalassery
CUSAT
Thalassery, Kerala

Post Graduate, May 2016
Marks 8.65 [CGPA]

- ♦ **Bachelor of Engineering / Bachelor of Technology, Electronics and Communication Engineering**

KMCT College of Engineering
CALICUT
Calicut, Kerala

Graduated, March 2014
Marks 7.4 [CGPA]

- ♦ **H.S.C. (12th), Science**

Seethi Sahib Higher Secondary School
KERALA
Taliparamba, Kerala

Completed, March 2010
Marks 85 %

- ♦ **10th**

Moothedath Higher Secondary School
KERALA
Taliparamba, Kerala

Completed, March 2008
Marks 88 %

WORK EXPERIENCE

August 2021 - Current

Assistant Professor

Study World College of Engineering
Coimbatore, Tamil Nadu

Conveyed subject matter and lecture to the students in a creative way.
Evaluated the students individually to identify areas of difficulties.

Ensured completion of assigned syllabus within the time-frame given.
Guiding and mentoring SIH 2022 team

March 2020 - July 2020

Assistant Professor

North Malabar Institute of Technology
Kanhangad, Kerala

Collected educational information and taught to students during classes.
Conveyed subject matter and lecture to the students in a creative way.
Evaluated the students individually to identify areas of difficulties.
Ensured completion of assigned syllabus within the time-frame given.

December 2017 - March 2019

Assistant Professor

College of Applied Science
Payyanur, Kerala

Guided and helped graduating students choose their college course by administering exams.
Researched study materials per syllabus requirement.
Revised and modified old lessons to be used in next semester.

AWARDS & HONORS

Accreditation and Outcome Based Learning Scored ELITE grade in NPTEL Exam (July-Sep 2021)
Actively participated in Seminars, FDP, Workshops and International conferences
Prizes in school level competitions

SKILLS

Matlab Signal Processing Tool
Analyzing, Design and Development of the signal
Research and challenges in signal domain
Confident and Determined
Good team player
Ability to rapidly build relationship and set up trust
Ability to cope up with different situations

COMPUTER PROFICIENCY

Operating Systems

- MS Office

Software

- Matlab
- C
- Xilinx

ENGINEERING SKILLS

Languages

- C
- MATLAB
- VHDL

Web Servers

- HTML

Networks

- TCP
- IP

Hardware

- Embedded

Development Tools

- Embedded, VHDL and Xilinx
- PCB Design

LANGUAGES

- Malayalam
- English
- Hindi
- Tamil

CAREER HIGHLIGHTS

- Provide expertise in support of algorithm development, software implementation, optimization, and validation activities.
- Research and design in verify signal, define and develop processing for computer algorithms.
- Provides expert guidance and consulting to other staff members working on difficult engineering problems.
- Developing unit and system level tests using MATLAB and Simulink
- Conducting research and development in the areas of signal processing and image recognition

INTERESTS

Reading Novels

Watching Films

Gardening

PROJECT

Project 1

Color Constancy for Multiple Light Sources (MTECH)

Period:

March 2015 - March 2016

Color constancy for multiple light sources using second order grey edge algorithm is used for scenes with multiple light sources.

International Journal Publication

Color Correction of an Image with Multiple Light Sources using Gray World Color Constancy Algorithm, Indian Journal of Applied Research, Volume-9, Issue-10, October - 2019, PRINT ISSN No. 2249 - 555X, DOI : 10.36106/ijar

Project 2

Air touch Screen : Implementation on Robotic Vehicle (BTECH)

Period:

March 2013 - March 2014

Air touch is a new form of visual-hull based optical multi-touch sensing, a technique that simplifies display integration and enables

free-air interaction. Here we using a robotic vehicle to demonstrate the application of this zero touch screen.

Project 3 Automatic Room Lights
Period: March 2012 - March 2013

In addition to an ordinary automatic room power control circuit, this circuit employs Johnson decade counter and two light sensors for controlling the circuit.

PERSONAL

Father's Name:	Mr. Rameshan C	Marital Status:	Single
Birthday:	28/05/1993	Nationality:	Indian
Gender:	Female	Passport No.	T6858589, Expires 07/14/29

Address: Kallyani Nivas, Chundakkandi, Palakulangara
Taliparamba, Kannur
Taliparamba - 670 141
Kerala
India

Declaration

I, MADHURI C, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

MADHURI C Taliparamba , Kerala



MADHURI C

Assistant Professor

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Email: madhurimaadhu5@gmail.com

LinkedIn: [Linkedin.com/in/madhuri-c](https://www.linkedin.com/in/madhuri-c)

REFERENCES

Mr. Rajesh R

Assistant Professor

KMCT College of Engineering

KALLANTHODE NITC-P.O, KOZHIKODE, Manassery

Calicut - 673601

Kerala

Phone +91.9895010352

Dr. Gomathi P

Principal

Study World College of Engineering

1/2A-1 Alagu Nachiamman Kovil Road, , Palathurai ,

Madukkarai

Coimbatore - 641105

Tamil Nadu

Phone +91.9965596707

Email principal@swehg.com