**Gulfjobseeker.com CV No:** **1122648**

**Mobile** +971505905010cvdatabase[@]gulfjobseeker.com

To contact this candidate use this link

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| **Objective** |

To get a entry-level position in the field of Electronics and Communication.

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| **Personal Information** |

Date of birth :14-02-1984

Sex :Female

Marital Status : Married

Nationality : Indian

Languages : English, Malayalam, Hindi (Read, Write, Speak)

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| **Exposure to Embedded Systems** |

**Experience**  : As a lecturer at Amrita Vishwa Vidyapeetham (4 year).

**Projects Guided** : 1. Transmission through RS 232

2. Lift automation

3. Automation in Parking Area

4. Automatic Token number display

5. Autobat

6. Code controlled security system

**Course Organised** : Three Day Workshop on PIC microcontrollers

**Course attended** : Three week Course at Ettimadai, Coimbatore on PIC

Microcontrollers.

18 Day Course on Embedded Systems at College Of

Engineering Trivandrum.

**IDEs &languages known** : MP LAB IDE, KEIL C, VHDL, Optsim, LabVIEW.

**Microprocessors** : 8085, 8086

**Microcontrollers** : PIC, 8051

**Subjects Handled** : Introduction to Microcontrollers, Embedded Systems,

Digital Electronics, Digital System Design, Basic electronics, Principles of communication

**Labs Handled** : Advanced Microprocessor Lab (8086),Microcontroller

Lab(PIC),Embedded Systems Lab(PIC, Simulation of 8051)

**Online projects Completed** : Matlab program to identify the complexion of a person

from his or her image.

**Conference Papers Published in IEEE proceedings:**

1. ”Characterization of an Optical Communication System Utilizing Dispersion Compensating Fiber and Nonlinear Optical Effects”, Fourth IEEE International Conference on Computing, Communication and Networking Technologies, July 4 - 6, 2013.
2. “Design and Implementation of Data Acquisition and Control System for Multi-Wavelength Dayglow Photometer”, Fourth IEEE International Conference on Computing, Communication and Networking Technologies, July 4 - 6, 2013.
3. “Automation of the Gate Scanning Mechanism of the Multi-Wavelength Dayglow Photometer Using LabVIEW”, Fourth IEEE International Conference on Computing, Communication and Networking Technologies, July 4 - 6, 2013.

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| **Academic qualificationAcademic Qualification** |

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| Course | Year | Institution | University | % |
| M.Tech (Opto electronics and Optical communication) | 2011-2013 | University College Kariavattom | Kerala university | 82%,  Up to third semester |
| B.Tech(Electronics and communication**)** | 2001-2005 | College Of Engineering,Trikaripur | Cochin University | 74.77 |
| HSE | 1999-2001 | Sree Sarada Vilasam Higher Seconadary school | Board Of Higher Secondary Examination | 86.33 |
| SSLC | 1999 | Sree Sarada Vilasam Higher Seconadary school | Board Of Public Examination, Kerala | 88.16 |

**Undergraduate Split**:

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Semester | I & II | III | IV | V | VI | VII | VIII |
| Average | 71% | 82% | 79% | 71% | 76% | 74% | 71% |

Currently doing online projects for a company named Sabios.

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| **Areas of Interest** |

Digital Electronics

Dayglow photometry

Fiber optics communication

Microcontrollers

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| **Projects as a part of M.Tech course** |

**Thesis**

Centre: Space Physics Laboratory,

Vikram Sarabhai Space Centre ,

Indian Space research Organisation

Trivandrum.

Project Title: Data Acquisition Of Day and night glow photometer.

Overview of the Project: An efficient automation of Day and night glow photometer using Labview.The DAQ module used is NI DAQ PCI 6602.

**Mini Projects**

1. Centre: Department Of optoelectronics,

University college Kariavattom

Trivandrum

Kerala

Title: “Design, Simulation and performance analysis of DCF compensated SMF”

Overview of the Project: Study how the length of DCF helps SMF to increase the data rate.

1. Centre: Department Of optoelectronics,

University college Kariavattom

Trivandrum

Kerala

Title: “Characterization of an optical communication system utilizing dcf and

nonlinear optical effects”

Overview of the Project: Study how dispersion and nonlinearity counteracts together and helps SMF to increase the data rate with reduced DCF length.

1. Centre: Space Physics Laboratory,

Vikram Sarabhai Space Centre ,

Indian Space research Organisation

Trivandrum.

Title: Data Acquisition Of portable night glow photometer.

Overview of the Project: An efficient automation of portable night glow photometer using Labview. The DAQ module used is NI DAQ PCI 6216.