

Dhanesh .

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# Objective

I intend to pursue a promising and challenging career which will enable me to provide best of my technical, analytical and professional skills and can sharpen my current skills and knowledge and where I can have a good scope for learning and implementing new technologies.

# Education

2013-2015 **Master of Technology in Communication (M.Tech).**

specializationCommunication Engineering and Signal Processing (CGPA - 8.1).

College Government Engineering College, Wayanad, Kerala, India, Affiliated to University of Kannur.

2009-2013 **Bachelor of Technology (B.Tech).**

specializationElectronics and Communication Engineering (64.9 % ).

College Government Engineering College, Wayanad, Kerala, India, Affiliated to University of Kannur.

2008 **Higher Secondary Examination in Science.**(80 %.) SchoolGoverment H S S Udinur, Kasaragod, Affiliated to Kerala State Board.

2006 **Secondary School Leaving Certificate Examination.**(80 %.) SchoolGovermnet H S S Udinur, Kasaragod, Affiliated to Kerala State Board.

# Technical Qualifications

Obtained **Advanced Training In Industrial Automation** (**ATIA**) from Technocrat Automa- tion Pvt Limited (IAO Accredited), Chennai. With 6 months hands on practical experience in Industrial Automation Tools specializing in **PLC, DCS, SCADA** and **VFD**.

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# Work experience

Possess a good practical experience in Industrial Automation Tools specializing in PLC, DCS, SCADA and VFD.

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* Experience in plc programming for HVAC system.(Blue horizon services)
* Have the experience in the preparation of autoCAD drawings.
* Experience in Design Simulation and Fabrication of Microstrip Patch Antenna.

Worked in **UTL Technologies Ltd**. Bangalore as Technical Consultant in Telecom, Net- working and Optical Fiber.

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* Splice optical fibers, optimize splicing procedure of specialty fiber.
* Test fiber- optic components and system and documents results.
* Worked with copper and fiber optics cabling, network and switching systems.

Worked as **Guest Lecturer in Government Polytechnic College Trikaripur** in Electronics department .

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# Master thesis

## Title Design of Novel Low-Profile Microstrip-fed Compact Triple Band-notched Ultrawide Band Antenna For UWB Applications.

Description Designed a Trapezoidal Antenna for UWB applications, which covers the frequency range of 3.1-10.6 GHz and Band stop filters are introduced to avoid interference to the existing communication systems such as WiMAX , WLAN and X-band frequencies. Which is Simulated by Ansoft HFSS and fabricated.

# B.Tech. Project.

## Title Fingerprint Based Attendance System .

Description This project aim at introducing biometric capable technology for use in automating the entire attendance system for the students pursuing course at an educational institution.

# Research Publication

V. K. Dhanesh "Trapezoidal Antenna With Triple Band-Notched For UWB Applications", International **IEEE** India Conference INDICON , Dec. 2016 .

# Skill Set

**PLC** (Programmable Logic Controllers), **DCS** (Distributed Control System) Programming languages such as **LD** (Ladder Diagram) and **FBD** (Functional Block Diagram).

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Hands on Practical exposure in brands as **Siemens**, **AB** (Allen Bradley),**ABB** (Asea Brown Boveri), **Honeywell, Schneider, GE Fanuc, Keyence, Omron, Messung, Mitsubishi, Intouch**,and **Delta**.

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**SCADA** (Supervisory Control and Data Acquisition) Screen designing, PLC interface, Data collection and storage( **Wonderware Intouch and Intellution Fix**)

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* **HMI** (Human Machine Interface) Screen designing, PLC interface (**ABB**).
* **VFD** (Variable Frequency Drive) Commissioning and Troubleshooting (**ABB**).
* Pneumatics and Field instruments
* **MATLAB, HFSS** (High Frequency Structure Simulator), Microsoft Office, Latex.
* **C, VHDL**(VHDL Hardware description language ).
* **TMS320C6713 DSP Starter Kit, FPGA** (Field programmable gate array) Spartan-3E kit.
* Preparation of **autoCAD** and **ElectricalCAD** drawings.

# Achievements and Extra Curricular Actiites

Secured Score of 304 in **Graduate Aptitude Test in Engineering (GATE-2013)** for Electronics and Communication stream.

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Participated The Training Programme of Additional Skill Acquisition Program Of the course Optical Fiber Splicer, Department of higher education for skill course in the Telecom sector.

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