

CAREER OBJECTIVE

To succeed in an environment of growth and excellence and earn a job which provides me job Satisfaction and self development and help me achieve personal as well as organization goals.

Areas of Expertise include:

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|-------------------------|---------------------|------------------------|
| ✓ Design | ✓ Product Launch | ✓ Creative and Logical |
| ✓ Customer Relations | ✓ Researching | ✓ Problem Solving |
| ✓ Recruiting & Training | ✓ Motivating others | |

EXPERIENCE & NOTABLE CONTRIBUTIONS**MOGORA COSMICS PVT LTD • PUNE, IND • 2015 – Present
(WELDING MACHINE MANUFACTURING)****DEVELOPMENT ENGINEER**

Create and maintain marketing opportunities for product launches and events. Identify innovative methods to reduce machine costs and increase efficiency.

- ✓ Development of new types of Power Circuit and Control Circuit.
- ✓ Making of Layout design of Control Circuit.
- ✓ Designing of Circuit in AutoCAD or OrCAD.
- ✓ Testing & Debugging of all types of Welding Machine PCB's.
- ✓ Erection and Commissioning of Welding machine(ARC,MIG,TIG,SAW,OTC) and interfacing with Robotics.
- ✓ Programming in Microcontrollers(PIC).
- ✓ Customer Meeting and their Requirement.

**RK ENGINEERING AND SERVICES • TRICHY, TN • 2012-2014
(CONTROL PANEL MANUFACTURING AND DESIGNING)****JUNIOR ELECTRICAL ENGINEER**

- ✓ Control Panel Designing AutoCAD Or E-Cad.
- ✓ Plc Programming and Trouble-Shooting.
- ✓ L.T. Distribution Layout Designing.
- ✓ Plc Programming and SCADA Designing.

EDUCATION

MASTER OF TECHNOLOGY, POWER ELECTRONICS AND DRIVES,
SASTRA UNIVERSITY | TRICHY, TN
7.83/10 CGPA

BACHELOR OF ELECTRICAL AND ELECTRONICS ENGINEERING,
ANNA UNIVERSITY OF TRICHY | TRICHY, TN
7.99/10 CGPA

PROJECT DETAILS

- ✓ Control of Induction Motor using Fuzzy Logic Controller.
- ✓ Implementation of Fuzzy Controller for an Shunt Active Filter employing Multilevel Inverter Topology
- ✓ Design and Implementation of MPPT for Photo Voltaic system with Neutral Point Clamped Inverter fed Induction Motor Drive.
- ✓ Modeling and Design of Fuzzy Logic based MPPT controller for Five Level Hybrid Inverter used in PV System.
- ✓ Shunt Active Filter using Transistor Clamped Multilevel Inverter.
- ✓ Voltage Source Converter based Active Power Filter for Mitigation of Harmonics.

PAPER PUBLISHPMENT

- ✓ International Journal of Applied Engineering Research.
- ✓ International Journal of Development Research.
- ✓ International Journal of Electrical Power and Energy Systems.

DECLARATION

I do hereby declare that all the particulars given herein above are true, correct and complete to the best of my knowledge and belief.

Sincerely

Mohan Kumar Kandasamy
