**SUNPHO**

**ELECTRICAL AND ELECTRONICS ENGINEER**

**E-Mail:** **sunpho.369993@2freemail.com** **Dubai, UAE**

**CAREER OBJECTIVE**

To be associated with a progressive organization which can provide me with a dynamic work sphere to extract my inherent skills as a Professional in Electrical and Electronics Engineering, use and develop my aptitude to further the organization objective and also attain my career targets in the progress.

**SUMMARY OF EXPERIENCE**

|  |  |
| --- | --- |
| Company | : SAFITA ELECTRICAL INSTALLATION WORKS LLC |
| Designation | : ELECTRICAL ENGINEER |
| Responsibilities |  |  |
|  | » Analysis of design specifications and technical drawings. |
|  | » | Working with IEE, British (BS), European (EN) and other standards |
|  | » | Prepare Technical Specifications and Reports |
|  | » Plan and manage CAD documentation of design work |
|  | » Work competently on an independent basis |

Company : VIMAL JYOTHI ENGINEERING COLLEGE

Designation : ASSISTANT PROFESSOR

Period : Oct 2013-April 2014

Responsibilities

» Handled relevant subjects in Electrical domain

» Arranging educational trips for the students and maintaining a friendly relationship with them

» Provide consultation to the student regarding their course objectives and career related matters.

» Conducting assessment exams and giving assignments to grade the student learning

» Implement various teaching methods and procedures to maintain the standard of academic excellence.

» Contribution as organizing committee member for International Conference » Developed learning materials, prepared schemes of work and maintained

record to monitor student progress, achievement and attendance » Invigilating examinations

**SKILLS**

* Time Management
* Highly motivated
* Strong commitment in teaching undergraduate students.
* Expertise in advising the students and problem solving
* Exceptionally good in educational development of each student.
* Excellent presentation skill
* Highly skilled in collecting the study material and chunking it in a proper
* Strong analytical, logical and mathematical skills
* Good knowledge of electrical layouts
* Working knowledge of Microsoft Office software packages
* Working knowledge of AUTOCAD software.
* Working knowledge of DEWA regulation.

**ACADEMIC CREDENTIALS**

* **M-Tech in Industrial Drives and Control** 
* (2011-2014) 
* Mahatma Gandhi University Kerala, India 
* **B-Tech in Electrical & Electronics Engg.** 
* (2007-2011) 



Kannur University Kerala, India

* **Board of Higher Secondary Education** 

St. Vincent English Medium Higher

* Secondary School 2005-2007 

**ACCOMPLISHMENTS**

Published the paper “**Analysis of Sinusoidal Pulse Width Modulation Control Strategies** **for Quasi Z Source Inverter**” in International Journalof Advanced Research in Electrical andElectronics and Instrumentation Engineering.

Project done in “**Speed Control of Induction Motor fed by a Quasi Z Source Inverter**.”

**PROFICIENCY IN COMPUTER & ELECTRICAL SOFTWARE’S**

|  |  |  |
| --- | --- | --- |
|  | Electrical Software | : MATLAB, PSIM, ORCAD, AutoCAD |
|  | Tools | : Excellent in MS Office (Word, Excel, Power point) |

**PROJECTS DONE**



* **Speed Control of Induction Motor Fed by a quasi Z source Inverter ( M-Tech Main**

**Project**)



This project presents speed control of an induction motor fed by a quasi Zsource inverter (qZSI) and the speed control is based on the indirect field oriented control (IFOC) strategy.



* **Harmonic Analysis** ( **B-Tech, Main Project**)

Harmonic studies were performed to determine harmonic distortion levels and filtering requirements within Hindustan Organic Chemicals (HOC) Ltd, Kochi (A Govt. of India Enterprise) and determined whether harmonic voltages and currents are at acceptable levels

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ACHIEVEMENTS** |  |  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Undergone Industrial Training at** |  |  |  |  |
|  |  | **Kerala Electricals Ltd,** |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  | One of the leading manufacturer of Statodyne brushless alternators used for lighting and air |  |
|  |  | conditioning of Railway coaches. |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | **Hindustan Organic Chemicals Ltd** |  |  |
|  |  |  |  |
|  |  | Chemical Manufacturing Company. |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  | **Travancore Cochin Chemicals Ltd** |  |  |
|  |  | A continuous process industry uses drives for pumping applications to control the flow of |  |
|  |  | liquids. |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  | **Apollo Tyres Ltd** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

One of the leading manufacturing companies for tyres.

**PERSONALITY TRAITS**

* Optimistic & Proactive Attitude
* Excellent team player
* Flexible with excellent co-ordination and presentation skills
* Excellent communication and comprehension skills.
* Excellent advisory and problem solving skill.

|  |  |  |
| --- | --- | --- |
|  | **PERSONAL SNIPPETS** |  |
|  |  |  |  |
|  | Date of Birth | : 11 September, 1987 |
|  | Place of Birth | : Kerala |
|  | Nationality | : Indian |
|  | Languages | : English, Malayalam, Hindi, Tamil |
|  | Gender | : Female |
|  | Marital Status | : Married |
|  | VISA status | : Dependent (Transferable) |
|  | **DECLARATION** |  |
|  |  |  |  |



I hereby declare that above furnished particulars are true to the best of my knowledge and



belief

**Sunpho**