

**ARUN**

**ARUN.324806@2freemail.com**



Career Objective

Intend to build a career in leading corporate of hi-tech environment with committed & dedicated people, which will help me to explore myself fully and realize my potential while willing to work as a player in challenging and creative Environment



Summary of Experience

**FROM APRIL 2014 TO SEPTEMBER 2015**

**Job Roles and Responsibilities:**

**GRADUATE** **ENGINEER** **TRAINEE** **in Woory Automotive India Pvt. Ltd,**

**Chennai,India**



Preparation of Electrical procedures for installation test & commissioning.



drawings.



**FROM OCTOBER 2015 TO OCTOBER 2016**

**Job Roles and Responsibilities:**

**Interior Engineer in Shapoorji Pallonji Mideast(L.L.C), Dubai**

* RCP Checking & Rectifies the Problems
* Checking of floorbox installation and GI conduiting
* Manpower Allocating & checking of General Arrangement plan
* preparing for electrical and plumbing works and execute
* Review and analyze all MEP drawing
* Coordinate between MEP & ID works
* To preparation for the setting out MEP services ex; floor box, socket & switches



**Educational Qualification**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Qualification** | **Institution** | **University/Board** | **Year of** | **% of** |  |
| **Passing** | **Marks/CGPA** |  |
|  |  |  |  |
| B.E.(EEE) | M.A.M College of Engineering and | Anna University | 2014 | 65 |  |
|  | Technology |  |  |  |  |
|  |  |  |  |  |  |
|  | St Peter higher secondary | State board | 2010 | 78 |  |
| HSC | sSchool,Viragalur,Trichy |  |
|  |  |  |  |
|  |  |  |  |  |  |
|  | St Therasa’s high school, | State board | 2008 | 83 |  |
| SSLC | konalai,Trichy |  |
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|  |  |  |  |  |  |

**PROJECT SUMMARY:**

**PROJECT TITLE**:

**“SMART INTEGRATED CIRCUIT AND SYSTEM DESIGN FOR**

**RENEWABLE ENERGY HARVESTERS”**

**SOFTWARE USED** : MATLAB (SIMULATION)

**DESCRIPTION** :

The most common renewable energy sources are solar and wind power. However, the output power of solar panels and wind turbines is always affected by environmental factors, such as the irradiance, temperature, and wind speed, meaning that they are often too unstable for many practical applications. Therefore, many maximum power point tracking (MPPT) algorithms have been proposed to minimize these problems. A similar MPPT controller can also be employed in wind energy systems Because of the variable output characteristics of renewable energy source

.A smart integrated circuit (IC) and system is proposed for renewable energy harvester designs. In this design, an 8-bit microcontroller chip is used to sense the voltages and currents of a solar panel, wind turbine, and battery into digital output values. These output values are calculated in the microcontroller chip to build the MPPT algorithm. A smart charger IC is then designed to follow the microcontroller’s output command to control the solar panel or

the wind turbine at the MPP (Maximum Power Point), as well as to charge the battery at an effective mode with the proposed power converter.



**IndustrialVisit**

* “THERMAL POWER STATION” situated at Mettur in the year 2012.



**Areas of Interest**

* Power Electronics
* MS Office





**Declaration**

I hereby genuinely declare that all the above-furnished details are true to the best of my knowledge and belief.