

**MOHAMMED SHIRAAZ .S**

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**Address**

S/O Abdul Salam.

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Karnataka State,India.

**Personal Data**

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| --- | --- |
| Father Name | Abdul Salam |
|  |  |
| Date of Birth | 08-07-1988 |
|  |  |
| Sex | Male |
|  |  |
| Nationality | Indian |
|  |  |
| Marital status | Single |
| Language | English, Kannada, |

Hindi, Urdu.

CURRICULUM VITAE

**Career Objective**

To be part of an esteemed organization that encourages me by its operative learning environment with opportunities to contribute and diversify my knowledge, skills, and take the responsibilities which helps me to build my career as well as to give the best out of me to the organization.

**Education**

* Completed M.Tech (Power Electronics) from The Oxford College of Engineering, Bangalore in the year 2013 securing 73.16% First Class with Distinction marks.
* Completed B.E. (Electrical and Electronics Engineering) from PES Institute of Technology and Management, Shimoga in the year 2011 securing 61.0% marks.
* Passed PUC from Sacred Heart College - Shimoga in the year 2006 securing 64.7% marks.
* Passed S.S.L.C. from Kanaka Vidya Samathe(R) school Shimoga in the year 2004 securing 81.12% marks.

**Skills**

|  |  |
| --- | --- |
| **Programming Languages** | **:** Basic Programming in **C.** |
| **Operating System** | **:** Windows XP, Window 7. |
| **Others** | **:** MAT LAB,AUTO CAD(EEE & Civil),JAVA |
|  |  |
| **Strengths:** |  |
|  |  |

 Ability to take on challenging roles.

 Positive thinking.

 Good Interpersonal skills.

 Ability to excel in team / individual responsibilities.

**Co- curriculars**

1 Successfully completed **Soft skill programs** conducted by **EATHNUS** in **PESITM**.

* Worked as a **VOLUNTEER** in College Fest **'EMINENCE-11'.**

**About Experience**

1 **I had 12 months of experiences in KPTCL (KARNATAKA POWER**

**TRANSMISSION CORPORATION LIMITED) worked as Assistant Engineer in 220kv/110kv/11kv Electrical Receiving Substation in Balligaavi,Shimoga district, Karnataka State, India.**

* **I completed 5 months of successful teaching experience in Electrical & Civil AUTO**

**CAD.**

* **Completed 2 months of training in JAVA.**

**B.E Project Profile**

**AUTOMATED IRRIGATION SYSTEM USING DTMF AND MICROCONTROLLER:** Carried out in 8thsemester.

**Project description:**

|  |  |  |
| --- | --- | --- |
| **Team size** | **:** | 4 |
| **Duration** | **:** | 4 months |
| **Description** |  |  |

The project titled “**AUTOMATED IRRIGATION SYSTEM USING DTMF AND**

**MICROCONTROLLER**” is a new way of motor control. This system is fitted atcontrol panel of motor. When the Three phase power present GSM will send the message to farmer, Once farmer will gets the details of power availability, pump status. Farmer gets call to GSM and microcontroller will check the number, after authenticity is being checked. If the number matches GSM received the call and motor will ON, If the Three phase power is off motor will be switched OFF automatically GSM will send the message to farmer.

**Tools** **:** 8051 MICROCONTROLLER.

**Paper presentation:**

1. Paper presentation on **“Land mine detection using GROUND PENETRATING**

**RADAR”.**

2. Paper presentation on “**Low Voltage Energy Harvesting for an Efficient AC-DC**

**Step-Up Converter”.**

**M.Tech Project Profile**

**LOW VOLTAGE ENERGY HARVESTING FOR AN EFFICIENT AC-DC STEP-UP CONVERTER:**

carried out in 4th semester.

**Project description:**

|  |  |  |
| --- | --- | --- |
| **Team size** | **:** | 1 |
| **Duration** | **:** | 6 months |
| **Description** |  |  |

The project titled “**LOW VOLTAGE ENERGY HARVESTING FOR AN EFFICIENT**

**AC-DC STEP-UP CONVERTER**”. The conventional two-stage power converters withbridge rectifiers are inefficient and may not be practical for the low-voltage micro generators.An efficient ac-to-dc power converter that avoids the bridge rectification and directly converts the low ac input voltage to the required high dc output voltage at a higher efficiency.In this converter consists of a boost converter in parallel with a buck–boost converter, which are operated in the positive half cycle and negative half cycle, respectively.This project explain us about the concept of Micro-generator.

**Controller** **:** PIC MICROCONTROLLER.

**Area of interest to work**

Electrical & Electronics Maintenance Engg, Power System Engg, Testing Engineering

**Declaration:**

I hereby declare that the information furnished above by me is true to the best of my

knowledge.

Place: Shimoga. (**MOHAMMED SHIRAAZ S)**