# PERSONAL DETAILS:

**Name**: **M.Ramachandran**

**Ph No :** 9940902743

**mail id** [**:**ramachandraneee123@gmail.com](mailto:ramachandraneee123@gmail.com) **Degree :** Electrical and Electronics Engineering

**Total Experience: 6Years** &**1months**(PV Solar Execution, operation and maintenance)

Supervisor Competency License No: **C 50709**. Validity: **23-02-2017 to 22-02-2021**.

## Issued By: Tamilnadu Licensing Board, Chennai.

**HIGHLIGHTS:**

* Operation and maintenance of 100MW solar power plant in Trichy
* Team Lead and Execution of solar power plant 100kw to 2MW.

**PERMENANTADDRESS:** S/OV**.**Murugan,49/41,KaliammanKovilst,Maravankulam,

Tirumangalam, Madurai-625706.

**DATE OF BIRTH** :10-071990 **AGE**:28 **SEX**: Male

# LANGUAGES:

Read,Write,Speak: Tamil, English Speak: Kannada, Hindi **Academic Profile:**

|  |  |  |
| --- | --- | --- |
| **Course** | **Institution** | **Marks %** |
| B.E(EEE) | Sethu institute of Technology | **72.64** |
| H.Sec | Swami Shivananda Vidyalaya Her sec  school | **65.08** |
| SSLC | Al Ameen Muslim Higher Sec School | **87.04** |

# Work Experiences:

1. **AETHON ENEGY LLP : SOLAR PV System**

### Senior Engineer-Operations and Maintenance: (June2016-Present)

It involves 10KW-2**MW** Solar **Power Plant Operation and Maintenance.**

* + Operation and Maintenance 0f **415V/11KV** Switch Yard Comprising of 2No of

### 1.25MVA Power Transformer, VCB Circuit Breaker, ACDB, Metering Panel.

* + Operation and maintenance of Low and Medium Voltage Switchgears and Circuit Breakers. (11KV, 800A VCB, and 2000A ACB)
  + Daily Power Generation Monitoring of **Solar Power Plant** using **SCADA.**
  + Power generation Readings send daily basis and Monthly reports.
  + Operation and Maintenance of **Delta Inverters, Array Junction Box, Solar Photovoltaic modules.**

### Troubleshooting of Delta Inverter

* + Maintenance of Battery Banks.
  + Condition Monitoring and Predictive Maintenance of equipment and corrective actions to avoid the breakdown

# Work Experiences:

1. Worked as an **Maintenance Engineer** in **Welspun Solar Tech Pvt Ltd (Contract- Energy Asset Solution) Musiri & TT PET Plant – (June 2015-June2016)**

It involves 100**MW** Solar **Power Plant Operation and Maintenance.**

* + Operation and Maintenance 0f **33KV/110KV** Switch Yard Comprising of 4 No of **31.5MVA Power Transformer, SF6 Circuit Breaker, VCB Circuit Breaker, CT, PT, CVT, LA, Isolator and Earth Isolators**.
  + Daily Power Generation Monitoring of **100MW Solar Power Plant** using **SCADA**
  + Operation and Maintenance of **1 MW ABB Inverters, String Monitoring Unit.**
  + Maintenance of Power Transformer **4 MVA 380V/33KV Transformers.**
  + Maintenance of **50KVA Aux Transformers.**
  + Daily monitoring and inspecting of power lines, voltage and current levels

### Troubleshooting of 1MW ABB Inverter

* + Maintenance of 110V Battery Banks

1. **WINDCARE INDIA PVT LTD: SOLAR PV System Electrical Engineer: 4years (MAY2011-MAY2015)**
   * Supervision of **Solar Power Plant Installation and Commissioning** project planning, analyzing, preparing Operating and Maintenance manual, checklist preparation.
   * Make Ensure the measurements as per approved drawing and as well as check list.
   * Analyze sketches and Auto cadd drawing for the whole site. **(Battery bank, Inverter, Electrical Wiring routing and making build drawing)**

# Delighting Customer with service

**Computer proficiency:**

Operating systems : Scada , PV Syst. Programming Languages : Auto cad

Microsoft Technologies : MS-Office, Out look

**OTHER INDUSTRIAL EXPOSURE**:

|  |  |  |
| --- | --- | --- |
| NAME OF THE INDUSTRY | PERIOD | DETAILS |
| Advanced Industrial Training in MRO TEK UPS(Bangalore) | 2Weeks | Training in Home Ups and Solar Ups Production |
| Wind care India Pvt Ltd | 3weeks | Study of Solar Installation in Roof Top Systems(On Grid & Off Grid) |

### ACHIEVEMENTS:

* + - Represented national Level Athletic Sports Meet and Won first Prize In 4\*100 Relay.
    - I won many Prizes in state Level Athletics Sports Meet in 100mts, 200mts, 4\*100mts Relay.

**PERSONALITY TRAITS:**

* + - * Creating Team Culture
      * Team Player
      * Formations
      * Quick Learner

### DECLARATION:

The Above Mentioned Details true, it’s not copied from anyway and it’s from my own type writing.

**Place : Madurai Date :**

**(M.Ramachandran)**