

# **CURRICULUM VITAE**

**Ramanjaneyulu.K**

**Mobile: +91-9440649206.**

**E-Mail: ramu.kuchimanchi@gmail.com**

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## **CAREER OBJECTIVE:**

- To work in a challenging and co-operative environment and use my technical and analytical skills with dedication and sincerity for the beneficial of company and society and to achieve new heights in my career.

## **SUMMARY:**

- Comprehensive Problem solving abilities.
- Good verbal and written Communication skills.
- Work according to priorities and meet deadlines.
- Effective in building positive relationships with personnel at all levels within the company and providing the highest level of service to meet the strategic needs of the organization
- Ability to Network through technical teams and work independently with minimum supervision
- Flexible at working schedules and adaptive to any change.
- Team Facilitator.

## **EXPERIENCE:**

- Currently working as a Sr. Engineer in M/s. Peevee Engineering Enterprises , Cherlapally, hyderabad from **June.2022 to Till Date.**
- Worked as a Sales Engineer in M/s. Omega Power Controls, Vijayawada from **Oct. 2021 to April 2022.**
- Worked with Lamco Industries Private Limited, Hyderabad as a Developing Engineer (Design and Development) from **Mar. 2014 to Sep.2018.**
- Worked with Mithali Herbals, Vijayawada as a Marketing Executive from **Oct. 2011 to Sep. 2013**
- Worked with LAMCO Industries Pvt. Ltd, Hyderabad as a Design Engineer (Design and Development) on Lighting Arresters from **Apr. 2008 to Sep.2011.**

## **COMPANY PROFILE:02**

M/s. Peevee Engineering Enterprises, Hyderabad based company specialized in the manufacture of reliable and cost effective clamps and connectors for switchyard application.

## **COMPANY PROFILE:01**

LAMCO Industries Private Limited is a leading manufacturer of Arresters, Current and Voltage Transformers and Polymer Insulators to all the state Electricity boards in the country. It is fully established with all the most mechanical / chemical / polymeric / high voltage laboratory equipment and R&D conveniences to design, manufacture, test and supply to suit the clients requirements.

Our Quality System is products are designed and manufactured to stringent quality standards.

Well defined quality assurance plan in line with ISO 9001 specifications.

Compliance to customer specifications, applicable standards & ISO requirements during design, manufacture and testing.

## **PROFESSIONAL SYNOPSIS**

- Working on Terminal Connectors – Inspecting the Incoming materials, Production Planning, preparation of drawings, Inspecting the final products, Technical data to Customers, Dispatches.
- Visited PowerGrid, New Delhi for Technical Clarification of Customer.
- Worked as an Developing Engineer **(Design and Development)** on **Lightning Arresters**.
- Preparation of samples for type tests conducted in CPRI.
- Known about the Lighting arresters, Polymer Insulators and tests according to the Standard **IEC 99-4 of 2004 and IEC 61109**.
- Providing Technical Data and Particulars to the Customers about Insulators and Arresters especially for **State Electricity Boards**.
- Worked on the **Type Tests** and **Design Tests** for Railway Insulators (**RDSO**) on **9 TONNE, STAY ARM & BRACKET TUBE TYPE Insulators**.
- Worked on the tender related documents to the **State Electricity Boards** about Lightning Arresters and Composite Insulators.
- Known about the **Lightning Arresters (both Porcelain and Polymer)** which are installed in Sub-Stations to protect the **Current Transformers** and **Potential Transformers**.
- Visited CPRI, Hyderabad, Bhopal and Bangalore for conducting Type tests on Lightning Arresters.
- Worked as a team member in designing of 1100KV Surge Arrester.
- Participated as a member in **Grid Tech Exhibition 2009** conducted in New Delhi as a Technical Advisor on behalf of Lamco Industries Pvt. Ltd.
- Participated as a member in **SWITCH EXPO-2016** conducted in Vadodara, Gujarat as a Technical Advisor on behalf of Lamco Industries Pvt. Ltd.

### **EDUCATIONAL QUALIFICATION:**

- ♦ **Bachelor of Engineering** in **Electronics and Communication Engineering** (2007) from Thiruvalluvar College of Engineering and Technology, Anna University with an aggregate of **68.0%**.
- ♦ **Intermediate** (2001) Board of Intermediate Education from N.V.R Junior College, Vijayawada with an aggregate of **60.7%**.
- ♦ **SSC** (1999) from Board of Secondary Education with an aggregate of **60.4%**.

### **SOFTWARE PROFICIENCY:**

- Languages : Auto Cad (Isometric, 2D & 3D) & Elecnet (2D).
- Operating Systems : Windows Family.

### **STRENGTH:**

- Adaptability, positive & never give up attitude, optimistic nature, team spirit and punctuality.

### **ACADAMIC PROJECT:**

Title : **Design of transmitter and receiver using VLSI in IR technique.**  
Duration : 2 Months.  
Role : Analysis, Design and Coding.  
Team Size : 2

**Description** : This design enables infrared (IR) wireless serial Communication between various devices one in the vicinity of the other, up to 1-meter distance using standard IR transceiver. It implements the lower level of OSI structure.

The core can operate in 3 different encoding. The SIR encoding operates by using a standard UART as its controller. The MIR and FIR modes have their own control blocks. The output is multiplexed on current operating mode and the input signal is demultiplexed in a similar way.

Infra Red can be used to set up the adaptive components like computer etc... For Example: a monitor with a printer with out a wire i.e; wireless communication.

## **PROJECTS HANDLED :**

### **Project 1#**

**Name:** Designed Grading Rings for 96KV, 120KV, 198KV & 360KV Lightning Arresters using Elecnet.

**Role:** Designing on ELECNET.

**Team Size:** Two.

#### **Description of ELECNET:**

- 1 Easy to use intuitive interface for faster model building and analysis.
- 2 Integrate into any design process for multi-physics analysis.
- 3 Advanced geometric and material modeling capabilities for highest accuracy.
- 4 Simulation results computed accurately, rapidly resulting in an increase in productivity and efficiency.
- 5 Powerful parameterization capabilities available for "What-If" analysis.

### **Project 2#**

**Name:** 120KV 10KA Transmission Line Polymer Arrester

**Role:** Designing & Assembling

**Team Size:** Two

#### **Description:**

When arresters are employed for the protection of transmission lines and their hardware, they are termed TLA (Transmission Line Arrester) to differentiate them from the Sub Station(S/S) arresters. Polymer housed arresters dominate this field by virtue of their non-fragile and light weight construction.

### **Project 3#**

**Name:** 25KV Railway Composite Insulators i.e., 9-Tonne, Stay Arm and Bracket Tube for RDSO, Lucknow.

**Role:** Designing & Testing

**Team Size:** Two

#### **Description:**

Electrical insulators are used to prevent the loss of electric charge or current from conductors in electric power transmission lines. Electrical insulators are electrically insulating components in various electric circuits and electrical installations. Electrical insulators are used as a barrier layer used in a circuit, an insulating sheathing of a current-carrying conductor or a printed-circuit board for electronics. An electrical

insulator is also an insulator as used in power engineering for routing current-carrying lines or keeping them apart. Power transmission and distribution systems include various insulating components that must maintain structural integrity to perform correctly in often extreme environmental and operational conditions. In particular, an electrical insulator is also understood as meaning a high-voltage insulator, as used for routing overhead power lines or for keeping them apart. Insulators may be connected to and carried by power lines and/or supports in a variety of ways. High voltage suspension insulators are used to suspend power transmission lines from overhead supports on poles and towers. Boulder suspension insulators are made of strings of porcelain insulators having a size and shape required of that material to provide the necessary mechanical strength, dielectric strength and creepage distance. Electrical insulators are produced from many different materials. Plastic, glass and ceramic, in particular porcelain, are primarily used. A typical insulator is made from a material which has a very high resistance to electric current, so that the current flow through it is usually negligible. The production of an electrical insulator from these materials generally takes place by molding a deformable raw composition and subsequently curing it.

#### **Project 4#**

**Name:** 220KV 10KA and 132KV 10KA (EGLA) Transmission Line Polymer Surge Arresters

**Role:** Designing & Assembling

**Team Size:** Two

#### **Description:**

The purpose of an EGLA is to protect the parallel-connected insulator assembly from lightning caused overvoltages. The external series gap, therefore should spark over only due to fast front overvoltages. The gap should withstand all power-frequency and slow front over voltages occurring on the system.

The metal oxide surge arresters with external series gap that are applied on overhead transmission and distribution lines only to protect insulator assemblies from lightning caused flashovers.

### **EXTRA CURRICULAR ACTIVITIES:**

- Served as a Joint Secretary in Cybertronics 2k5.
- Event organizer in all school and college annual day functions and other technical events.

### **PERSONAL DETAILS:**

Name : Ramanjaneyulu.K.  
Date-Of-Birth : 24-01-1984.  
Gender : Male.  
Languages Known : Telugu, English,Tamil, Hindi.  
Present Address : Flat No. 203,  
Plot-No.: 10-520,  
Road No.8,  
EC Nagar Colony,  
Beside Aruna Hospital,  
Cherlapally,  
Hyderabad - 500051.  
Telangana State.

**Date:**

**Place: Hyderabad**

**(K.RAMANJANEYULU)**