Resume

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Mobile:- 90323 09163

M. SUVARNA

**To develop my career as an Engineer where I will be a valuable team member & Seeking a position to utilize my skills and abilities in Industry that offers professional growth while being resourceful, innovative and flexible.**

# *Education*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S No**. | **Educational Qualification** | **Name of College / Institution** | **Year of Pass** | **Percentage of Marks** |
| 1 | M. tech in CAD / CAM | **GLOBAL COLLEGE – JNTU** | 2014 | 82 |
| 2 | B.tech in mechanical engineering (MECH) | **PRRM ENGINEERING COLLEGE SHABAD JNTU** | 2012 | 67 |
| 3 | Board of Intermediate  (M.P.C) | **NEW VIKRAM JR COLLEGE** | 2008 | 66.7 |
| 4 | Secondary School of Certificate  (SSC) | **MUNCIPAL HIGH SCHOOL** | 2006 | 65 |

* **Work Experience**

# TEACHING EXPIRIENCE:

* Working as Assistant Professor in Swami Vivekananda Institute of Technology Engineering College has dealing subjects ROBOTICS, PPC, FEM, and as well as assistantship for Engineering Drawing.
* **Heavy machinery work Experience**
* Worked as a “**Senior Associate Instructor Training**” based in Mechanical Department in **Pipal Tree Ventures Pvt. Ltd** from **January - 2013 to January - 2015.**
* **Work responsibilities**

**Mechanical Maintenance / Operations:**

* **Planning and Scheduling** the daily works
* Daily **updation of the work** through coordinating with the project sites
* Monitoring **daily planned vs achieved** targets
* Planning the **material / spares / tools requirements** as per the targets
* Giving required **feedbacks to the juniors** and escalating the issues to Seniors
* **Implementing Preventive Maintenance and Periodical Maintenance of Earth Moving Generation and Analysis** of efficient utilization reports for Plant & Machineries deployed at Project.
* **Monitoring Equipment & Plants.**
* Maintain spares of **critical items** of Crane, Back hoe Loader, Boom Placer, Concrete Pump, Transit Mixer and Plants by controlling the **inventory cost.**
* Generating **DPR, Weekly reports, monthly reports** of P & E.
* Maintain Equipment **log books, Equipment tire records, Equipment Breakdown Records**, Oil & Spare Consumption reports.
* Monthly **Audits of the works** executed at the project.
* Implementing **new processes** to get profits in the projects
* Recognizing **limitations** and **seeking timely advice**
* Planning **work requirement**, setting **work program** and **managing time** to ensure task completed on time.
* Operating **diagnostic** and test equipment, performance testing of components, system and equipment.
* **Monitoring, Implementing** Preventive Maintenance and Periodical Maintenance of Earth Moving Equipment & Plants.
* Improve the **life span** of **Earth Moving Equipment**, In case of emergency spares will alternate as per site situation.
* Maintain spares of **critical items** of Crane, Back whole Loader, Boom Placer, Concrete Pump, Transmit Mixer and Plants by controlling the inventory cost.
* Interact with the **Auditor** regarding any non conformity are pointed out during the Internal **Audit**.
* Planning the standard **productivity targets**
* Conducted **Trainings** **and placed** for tradesmen in **Heavy Machinery** related to Mechanical works.

**Multi Skills:**

**Autocad:**

* Have knowledge and practical experience in performing 2D & 3D solid Works
* Made Modelling of Radial Engine designs
* Can perform all commands
* Manage to do any designs

**CATIA V5:**

* Have knowledge and practical experience in performing CATIA based designs
* Made Modelling of unmanned Aerial Vehicle landing gear design
* Can design based on load applications
* Can perform all commands
* Manage to do any designs
* **Other Training Skills:**
* Actively involved in Standardizing **Curriculums for Skill development trades** as per **MORD / NOS Standards**
* Conducted **Skill based trainings** for Rural unemployed youth under **MORD / NSDC/ CSDC**
* Conducted **Motivational classes** for Rural unemployed youth in all segments
* Conducted **Trainings and** placedtradesmen placed for **Hindustan Petroleum Corporation Limited** (HPCL)
* Generating **Weekly Training reports** to all **Govt Concerned Organizations**
* Conducted **Training** to **Women in** construction/ infrastructure field and **Certified them** as per **No’s Standards**
* Participated in lot of **Certification Programs**
* Handled **On-site Job Trainings** remotely by coordinating with Officials
* Handled **Minority based Trainings**

# ACHIEVEMENTS

* Participated **NSDC/MORD/ NSDC Workshops** for improving **Content** in Skill development trades
* Trained by **Western Australian Institute of Technology** Trainer for all Mechanical related **Preventive / scheduled/ Breakdown Maintenance** skills
* **Certified Trainer** for HPCL / Toll-Operations / Over-seas
* **New Initiatives / Developments in Projects** - Shared idea for making design of Hydraulic Press with scrap items for remove bend of toe rods, Bearings of Seats , Gears.
* **Plastering Tool with Mechanical Air Compressor** - For Utilization of Less manpower at project sites.

# *Technical skills*

* ***AUTO CAD* : Auto cad mainly used for preparing plans for machinery mechanical devices and**

**In the design of manufacturing products**

* ***CATIA*** : **It defines a complete product including tolerences,3d annotation it empowers**

**develop high quality products**

* ***ANSYS*** **This add value to the engineering design process by delivering efficiency,**

**driving Innovtion and reducing physical constraints*.***

* ***HYPERMESH***

**Hypermesh is an unstructured grid generation code designed primarily for CFD and CSM applications. The goal of this class is to develop an understanding of how to apply the tools in HyperMesh to the CAE analysis process.**

* ***MS OFFICE***

# sKILLS

* **Having practical knowledge**
* **Excellent mechanical engineering background with strong research ability**
* **Excellent communication and organization skills**
* **Developing positive ideas towards the project**
* **Self- Confidence, Positive attitude and fastly getting into the required environment.**

# *Academic Projects*

**Mini project** : Title: **MODELLING OF RADIAL ENGINE ASSEMBLY BY USING CATIA AT CITD (Central Institute of Tool Design)**

The radial engine is a reciprocating type internal combustion engine in which cylinders point outward from a central crankshaft like the spokes on a wheel. this configuration was Very commonly used in large aircraft engines

**Major Project:** Title: **UN-MANNED ARIEL VEHICLE LANDING GEAR DESIGN AND ANALYSIS AT DRDO**

**The landing gear is a structure that supports an aircraft on ground and allows it to taxi, take-off, and land. In fact, landing gear design tends to have several interferences with the aircraft structural design. Now a days the weight of landing gear has become an important factor. Efforts are being made to reduce the weight of the aircraft and consequently increase the payload. This paper presents an approach to optimize the design of landing gear’s leg of an Unmanned Aerial Vehicle**

**Major Project:** **TITLE: DESIGN AND ANALYSIS OF AUTONOMOUS AGRICULTURAL ROBOT**

**Automation or automatic control is the use of various control system for operating equipment such as machinery, processes in factories, boilers and heat treating ovens, switching in telephone networks, steering and stabilization of ships, aircraft and other applications with minimal or reduced human intervention, Some processes have been completely automated**

**An agricultural robot is a robot deployed for agricultural purposes. The main area application of robots in agriculture is at the harvesting stage. Fruit picking robots, driverless tractor / sprayer and sheep shearing robots are designed to replace human labor.**

# *Personal profile*

**NAME : MAJJARI SUVARNA**

**FATHER NAME : M. Subbarayudu**

**DATE OF BIRTH : 06th april 1991**

**GENDER : Female**

**MARITAL STATUS : Married**

**NATIONALITY : Indian**

**LANGUAGES KNOWN : English, Hindi ,Telugu**

**HOBBIES : listening music and reading news papers**

**PERMANENT ADDRESS : H.No.2-175**

**Vill: palempalli**

**Mndl: rukvaripalli,**

**Dist: kadapa**

# DECLARATION

I hereby declare that the above details furnished by me are true to the best of my knowledge.

**DATE :**

**PLACE:** HYDERABAD. **(M.SUVARNA)**