**SOMASHEKAR MUMMULA**

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**2 Yrs EXPERIENCE AS**

**PRODUCT DESIGN ENGINEER**

**OBJECTIVE**

Looking for the Opportunity to work in a challenging environment and to

Evolve innovative skills in the field Of Computer Aided design (CAD) and

Research and Development (R&D), thus be beneficial to organisation

**PROFILE SUMMARY**

* Working as Design engineer in Escorts transmission department on payroll of Designtech systems limited, worked on various concepts from conceptual stage to Assembly mockup level.
* Competent in preparing detail drawings and layouts in Ug NX for Casting, Forging and Assembly using GD&T.
* Expertise in Team centre PLM Software for maintaining the data, Component release process ECA & ECP.
* Preparation of Checklist for design changes in proto and existing components.
* Expertise on Auto-cad for preparing Benchmarking Study.
* Co-ordinating with Vehicle Integration, reviewing the assembly.
* Involved in Assembly mock up of Rear axle assembly and PTO.
* Designing the component taking consideration of DFM and Cost.
* Worked at 2\*660 MW thermal power plant, SembCorp Industries limited, Nellore.

**PROFESSIONAL EXPERIENCE**

**Project: 60 Hp (T24+8) and (T16+8) Transmission**

* Worked on Case Transmission Housing, Rear axle housings, Brakes, Differential assembly, Planetary assembly, Shifting systems, Differential lock assembly in conceptual stage.

**Project: 25 Hp Compact Tractor (9+3)**

* Worked on Speed shifting, Range shifting, PTO shifting and Brakes assembly from conceptual stage to assembly mock up.
* Worked on Assembly mock up of CH unit.

**Value engineering:**

* Worked on Value engineering of Axle Housing.

**Benchmarking:** 

* Benchmarking study of Mahindra & Mahindra, Sonalika ITL, Carraro, Kubota.

**2 X 660 MW THERMAL POWER PLANT (2.6 Yrs).**

* Worked in NCC - SEMBCORP as erection engineer in Erection of Turbine structure, Quality Check of welds such as Visual inspection, Dye penetrant test, HDPE Welding, PMI testing.
* Erection of Condenser and Condenser tubes, CEP pump, Turbine Pressure piping, Boiler feed pump.

**ACADEMIC DETAILS:**

* GRIET College from 2009-2012 in Hyderabad. (73%)
* Diploma from State Board of Technical Education Board of A.P from 2007 to 2009. (70%)
* SSC from Railway mixed high school, Hyderabad till 2007. (70%)

**ACHIEVEMENTS**:

* Successfully completed the compact tractor within the specified time.

**SKILLS:**

* Ug NX part Modelling, Assembly, Drafting.
* CATIA V5 Part modelling, Assembly, Drafting.
* Auto Cad.

**LANGUAGES KNOWN**:

* Proficient in English, Hindi and Telugu.