

GURU PRASAD N

+91 9677849438

guruprasadn014@gmail.com

[linkedin](#)

CAREER OBJECTIVE

To obtain employment in a technology-driven company that encourages innovation & growth of organization for a better tomorrow.

EDUCATIONAL QUALIFICATION

- Graduated **BE MECH** at **Sri Shakthi Institute of Engineering and Technology** with **72.3%**, 2021.
- Passed Higher Secondary with **78%** at **Literacy mission** Matriculation Higher Secondary School, 2017.

SKILLS

- Programming Languages:** Ms Office
- CAD Skills :** Auto Cad ,Solid works(cswa), Creo(basic).
- Operating Systems :** Windows Microsoft
- Linguistic Skills:** English, Tamil, Hindi, Malayalam.

HOBBIES

- Drawing, Drafting, sketching.
- Music production, learning software.
- Crafting in wood.
- Reading books.

EXPERIENCE

- Apprentice Training at **NTECL (A join TANGEDCO & NTPC)**-National thermal corporation limited-vallur/Chennai (Dec22-Nov2023).
- Mechanical designer (Training) at **INDOSHELL cast pvt ltd**-malumichampatti, Cbe(Mar-Sep2022).
- Supervisor (maintenance& operation) at **Shanthi feeds pvt ltd** (currently working).

INDUSTRIAL EXPOSURE

- Undergone implant training at Ambal auto (Authorized dealer of **maurthi suzuki** India limited), CBE-2018.
- Undergone training at **Cad Technologies**, CBE.

CO-CURRICULAR ACTIVITIES

- Awarded Diploma in **MS Office**, 2011.
- Awarded certification for mechanical design (**CSWA**) at the level of associate from **DASSUALT SYS**, 2019 .
- Certification of proficiency in Mechanical engineering (**THERMAL POWER PLANT**) from **GOVT OF INDIA** ministry of education, (1 yr).

WORK HISTORY

Power Plant :

- Boiler rotating machineries (**RM**) inception in mill type bowl mill XRP 1003 with supported planetary gear box base & heat exchanger.
- Flow check of oil & coolant for determined timing.
- Roller oil level measuring cleaning damaged spares seal, pins, bearing shaft replacing.
- Duct air leakage like in pin leak and etc..Welded.
- Fan like forced draft, induced draft, primary, seal air oil leak level check seal replacement sound check & vibration inlet & outlet gate accuvator controls.
- Air pre heater basket check, gear box, top up new oil nor check old oil condition in testing lab after confirmation to be filled .
- Arresting leakages of air, pipe line, duct contacting.
- Bearing oil change damage checking ,fire line and air line will be checked both hot end cold end
- Mill rejecting chute choke regular cleaning.
- Spares to be regularly calculated actual & balance
- Safety and hazard condition should be monitored.

Place: Coimbatore

POWER PLANT (Safety)

- safety instruction to labours regular & checking quality of junction box welding wire ,gloves, goggles ,safety jacket, height permit accessible , shoes , external area hazards cleaning heavy machines with provided safety.
- Report submitting and instructing to the certain senior engineer for hour once.
- Weekly report submission & external devolpement discussion.
- Regular monitoring that consists of section covering provisions, basic safety rules, safety documents and keys

DESIGN (Shell moulding)

- Design of gating in pattern & core splitting.
- Comparing pre machining & after machining drawing producing grading for casting component dimensions.
- Grade selection as per standard that provided like CG iron, SG iron, Grey iron.
- Progressive working design and altered as per defects from identified sample casting.
- Manage design related issues throughout the build process.
- Mold designs if identify any customer part issues that may cause molding issues and relay them to sales and/or customer service team with a proposed solution.
- Mold designs will prepare prints for all components with proper dimensions needed and distribute them to the appropriate department for manufacturing.
- Core splitting and arranging in pattern in Zero tolerance.
- Prvoding easy way of handling and feature process to proceeding most complicates designs.
- Easy solution for complicated designs.

External Advantage

- Competent **designing** and ability of **cad** software handling like **Solid works** and Analysing design and defects.
- **Documentation** expert ability to fulfil the requirement.
- Competent in **rotating machinery** and boiler parts like Axial & radial flow fans, blowers, Heat transfer elements, Lob pumps, Mills, Air pre heater, etc.,
- Proficient in material handling & material inspection
- Proficient in **quality inspection** of spares & Alignment, Gears, bearings, welding elements etc.,
- Proficient in **ms office** & management.
- **Safety** related procedures hazards and system designs that protect people from illness and injury and property from damage.