

NAME :- HIMANSU SEKHAR SAHU
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CAREER OBJECTIVE

Intend to build a career with leading corporate of hi-tech environment with committed & dedicated people, which will help me to explore myself fully and realize my potential. Willing to work as a key player in challenging & creative environment.

ACADEMIC CREDENTIALS

| Qualification | Board/University | Year | Percentage |
|---|--|-----------|------------|
| M.Tech (Production Engineering And Operational Management) | Centre For Advanced Post Graduate Studies, BPUT , Rourkela | 2017-2019 | 8.71(CGPA) |
| B.Tech (Mechanical Engineering) | BPUT Gandhi Institute For Technology, Bhubaneswar | 2013-2017 | 7.58(CGPA) |
| Intermediate | CHSE S.C.S College Bantala, Angul | 2013 | 61.66% |
| Matriculation | BSE Bantala High School, Angul | 2011 | 68% |

WORK EXPERIENCE

(1)

Company Name :- JSW DOLVI PLANT, MAHARASHTRA

Organization Name :-MANU ENTERPRISES

Designation :- Mechanical Engineer

Period Of Services :-11th June 2019 to 30th Oct 2020

Role Responsibilities:-

- ❖ Fabrication Erection and commissioning of bag filter
- ❖ Fabrication and erection of stag.

(2)

Company Name :- TATA STEEL MERAMANDALI

Organization Name :-MANU ENTERPRISES

Designation :- Site Incharge (Mechanical)

Period Of Services :- 06th Nov 2020 to Till Now

Role Responsibilities:-

- ❖ Installation various type of valve and pipe replacement in BF-1,2, BFPP upto DN 400-2200
- ❖ Worked all type of maintenance job related to Global Arc For Structural Work.
- ❖ Wind Box Replacement.
- ❖ Preparation of monthly billing for different type of Job.

M-TECH THESIS

| | |
|--------------------|---|
| TITLE | :- A STUDY ON HYBRID COMPOSITE. |
| Description | :- My objective is to prepare a hybrid composite by using natural fibre (sisal fibre) with glass fibre and test the mechanical, thermal properties and SEM analysis. |
| Duration | :- 12-15 month |

B-TECH PROJECT

| | |
|--------------------|--|
| TITLE | :- PREPARATION AND COMPARISON OF Al_2O_3 -WATER NANOFLUID WITH BASE FLUID. |
| Description | :- Our objective is to prepare nanofluid by mixing up nanoparticle material with base fluid as water and testing its thermal conductivity, density and SEM analysis for obtaining proper nanofluid. |
| Duration | :- 10-11 month |
| Role | :- Team leader |
| Team Size | :- 4 |

TECHNICAL SKILL

- 1)Machine Design:-**
 - ❖ Design of machine elements like keys, shaft, coupling, springs and bearings.
- 2)Thermal Engineering:-**
 - ❖ Laws of thermodynamics, properties of laws & gas, Heat and mass transfer.
- 3)Manufacturing science:-**
 - ❖ Casting, welding, forging, tool geometry.
- 4)Automobile engineering:-**
 - ❖ Breaking system, transmission system, steering system, gear box.
- 5)IC Engine:-**
 - ❖ Fuel injection system, ignition system, combustion system.
- 6)Hydraulic Machine:-**
 - ❖ Turbines:- Impulse, Reaction, Pelton wheel, Kaplan and pumps.
- 7)Theory of Machine:-**
 - ❖ Inertia forces in reciprocating parts, cam and gears, brakes & dynamometer.

SOFTWARE SKILL

- ❖ C, DBMS, MS Office

TRAINING & INTERNSHIP

- ❖ Captive power plant, NALCO
- ❖ Smelter plant, NALCO

ACHIEVEMENTS

- ❖ Certified AUTOCAD from OCAC
- ❖ Certified CATIA from CTTC
- ❖ Certified ANSYS from CTTC
- ❖ Qualified Business English Certificate (BEC) Examination conducted by Cambridge University, U.K

INTERPERSONAL SKILL

- ❖ Good problem solving capacity.
- ❖ Confident and Determined.
- ❖ Ready to accept mistake & active learner.
- ❖ Willingness to learn from other.

PERSONAL DETAILS

- ❖ **Father's Name** :-Mr. Sarat Kumar Sahu
- ❖ **Permanent Address** :-At/Po-Chhendipada, Dist-Angul, Pin:-759124
- ❖ **Date of Birth** :-11th July 1996
- ❖ **Language Known** :-English, Hindi, Odia
- ❖ **Nationality/Religion** :-Indian /Hindu
- ❖ **Interest & Hobbies** :- Riding bike, Internet surfing

DECLARATION

I do hereby declare that the above information is true to the best of my knowledge.

Place:

Date:

Himansu Sekhar Sahu