

CURRICULUM VITAE

SASIKANTA SAHOO

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CAREER OBJECTIVE

Seeking a position to utilize my skills and abilities in engineering industry that offers me the professional growth and challenging position

SKILLS INVENTORY

- Having good experience in solar power plant design, site survey & Knowledge on generate PV Syst. Report.
- **Auto Cad (2004-2015), Unigraphics (NX7.5), Solid works, Solid Edge, heat ventilation & air condition & Sound Knowledge on Stad-Pro.**
- Having extensive knowledge in mechanical design software (solid Edge, Solid works Auto Cad & sound knowledge in Stad-Pro.
- I am having good knowledge in **design of solar plant lay out, sld diagram, preparation of BOQ and to prepare planning of project.**
- Excellent communication, presentation and interpersonal skills.

PASS PORT DETAILS:-

PASS PORT NO-J9371167

Date of Issue-31-10-2011

Date of Expire-30-10-2021

CERTIFICATION COURSE:-

Master of cad/cam From CentralTool Room & Training Centre. (Central govt. Institute)

Heat Ventilation & Air Conditioning From dhanush engineering services (India) pvt.Ltd.New Delhi.

Certification course on STAD-PRO (Structure Analysis) from cad centre

PROFESSIONAL EXPERIENCE- 01

SANDHAR ECCO GREEN ENERGY PVT LTD.

(A SANDHAR GROUP OF COMPANY)

From OCT 2015 to continue.

POST:- Design Engineer (Solar Power Plant)

Job Responsibility:- . Extensive breadth of experience solar power site evaluation & Site survey on Rcc roof & Industrial Shade , Determine shadow analysis on site ,calculate the capacity of solar power plant ,depends upon the roof area. According to site survey to Decide roof is sustainable for solar power plant.

Design Solar mounting Structure which is according to supported wind load, solar module load and that structure is on that sustainable roof.

Having knowledge on Generate site survey report.

- Strong ability to draft and interpret solar power design plans
- High proficiency in **Solid works, AutoCAD** and Microsoft Office.
- Sound familiarity with solar power engineering industry safety rules and regulations,

- To prepare shadow analysis report by using solid works.
- I am having good knowledge to generate **PV Syst.** Report.
- Superior ability to implement mechanical structural, sound knowledge in electrical engineering designs and also known to **string configuration maintaining dc loses, wire loses.**
Outstanding oral and written communication skills. Mechanical documentation & monthly report preparation.
- To design sld diagram as per plant configuration, calculate wire length, wire size. as per plant layout to arrange the inverter, acdb box ,etc. Preparation of **Boq**, planning of project.
- Prepare the bill of material, costing & Procurement the equipment as per requirement.
- Immediate trouble shooting & attending at any critical condition.
- Aiming at excellence in work through self-motivation.

PROJECTS:-

Eglo India pvt ltd,Bawal-500 Kw,Sandhar automotive, Haridwar-Plant capacity-250kW,Sanko gosei automotive ltd-bawal-Plant capacity-250kW, Jrg polyplastics, Bawal- Plant capacity-100kW, Sandhar automotive, Gurgaon-Plant capacity-36kW, Sandhar Tooling,Maneshar-Plant capacity-150kW, Amar ujjala,Agra-Plant capacity-110kW,Sandhar automach,Nalagarh-100kW, Sandhar Technologies Pathredi-400kW,India potash ltd, New delhi-60kW and etc.

KANWAL ENTERPRISES.

From Nov 2014 to Sep-2015

Post: -Mechanical Design Engineer (**Design &Development**)

Job Responsibility:-To Design the **Mechanical machine and structure**, by using mechanical design software such as auto cad, **solid works, solid edge**, uni graphics 8.5.

We are manufacture different types of machine and structure as per customer requirement, Mechanical machine such as -

Hot melt applicator machine, tube rolling machine, mesh straightening machine, dust collector machine, Jig and fixture design etc.

To design different types of solar **structure** by using mechanical design software.

RESPONSIBILITY:-

- To design the machine & Structure as per the customer recruitment, selection of material as per the standards & load.
- Calculation of load, Design **Solar structure**, Which structure is sustainable for load.
- Calculate load & analyses stress and strain in machine, calculation of torque, according to torque select the motor capacity.
- Selection of bearing standard depends upon the load, threading, bolt, nut, gear, sprocket by using the **asme** code.
- To follow the GD&T symbol and using drafting in machine design& auto motive part

PRECISION ENGINEERING Pvt. Lim.

(China Light Power)

From February 2012 to September 2014

- Around good experience in **Design & maintenance** department of heavy machinery equipment & Power plant part.
- Having good knowledge about in design of rotary part.

Job Responsibility

To study Drawing & Design the Power Plant equipment by using mechanical design software such as **auto cad, Solid works, solid edge.**

- Design the **Automobile every parts& heavy machinery equipment part which is used in power plant sector.**
- Products and drawing have to exports only.
- I Can handle shift activities and trouble shooting.

- Having good knowledge in mechanical measuring instrument, By using mechanical instrument to measure the part, design and development the product.
- Having around experience in the area of machine Design, power plant product maintenance.
- I must be able to ensure that all Maintenance work activities affecting quality, safety, health & environment are carried out in accordance with the requirement of plant.
- Study drawing and to design part as per standards, angle of projection & follow the drawing rule and regulation.

EDUCATIONAL QUALIFICATION

- Master of **CAD/CAM (MCC)** from CTTC, BBSR, Odissa in 2012 with **72%**.
- B Tech in **Mechanical Engineering** from Dr. MGR Educational & Research Institute Chennai in 2011 with **82%**.
- Diploma in **Mechanical Engineering** from BSET, Balasore, Odissa in 2007 with **68%**.
- H.S.E from B.M. Bagurai High School, Bhadrak with **62%**.

PROJECT IN CTTC

Organization : Central tool room & training centre, Bhubaneswar, odissa

Project Name : **W-9 ENGINE**

Language : Pro-engineering, auto-cad, Catia.

Designing & Fabrication by using various CNC m/c, Milling m/c, Lathe m/c, Grinding m/c etc.

TRAINING EXPOSURE:-

- Undergone 1 month certification industrial training in NELACHAL STEEL PLANT in winter vacation
- Another industrial training in IFFICO, PARADEEP UNIT. In semester vacation.

PERSONAL DETAILS

Name : Sasikanta saho

Date of Birth : 16 may 1986

Gender : Male

Marital Status : Single

Nationality : Indian

Father's Name : Mr. Sahadev saho

Permanent Address: Ananda Bazaar, Bhadrak, 756116 Orissa.

Languages Proficiency: English, Oriya, Hindi, Bengali

DECLARATION :-

I do hereby declare that the above furnished details are correct and true to the best of my knowledge and I bear the responsibility for its utmost correctness.

Sasikanta saho