

## Contact

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### Address

C- 206, Shivam Complex,  
Vichumbe, New Panvel,  
410206

## Education

2008

Diploma in Mechanical Engineering

B.V.I.T

2012

B.E (Mechanical Engineering)

P.I.I.T

2012-

M.E (Thermal Engineering)

P.I.I.T

## Skills

- Project Management
- Problem Analysis
- Statistics
- Structural Analysis and development
- Mathematics
- Critical thinking
- Computer aided design
- Data Analysis
- Team work
- Decision Making
- Interpersonal communication

## Language

English

Hindi

Marathi

Bengali

# Sandeep Jana

## Operations Manager

As Teaching has always been my passion, after completing my bachelors in Engineering, I came across an opportunity to work as an assistant professor at Shantiniketan polytechnic, where I was teaching diploma students, my primary subjects were physics, Theory of Machines, Machine Design, Fluid Mechanics and Mathematics.

Later, I started working for Minus Co2 PVT LTD, a solar EPC company. I was in charge of managing entire EPC projects, which included engineering, procurement, and commissioning. As an Operations Manager, I was also responsible for coordinating with the clients along with different departments such as Design, Fabrication and lasoning. I exercised a calculated and methodical approach to problem solving in order to execute and commission the projects on the mentioned schedule.

## Experience

### Redington Group Solar (Content Developer) freelancer. Hashtag Orange Advertisement Pvt Ltd, Freelancer.

- Well-researched and fact-based articles that showcase company's commitment to renewable energy.
- Compelling content that educates and inspires target audience about the benefits of clean energy solutions.
- Tailored approach to match brand's unique voice and values.
- Topics ranging from solar and wind power advancements to energy efficiency, carbon reduction, and beyond.
- SEO-optimized writing to increase online visibility and attract more organic traffic.

### Minus CO2 Energy PVT LTD, Navi Mumbai

Operation and Maintenance Manager 10/ 2017 to 03/2020.

Roles and Responsibility:-

Meeting with prospective clients, understanding their requirements and coming up with the best possible Solution, design Plant layout on Helioscope.

Site Visit for Location Evaluation for setting up solar Power Plants as per Client's Requirement.

Planning, Design and analysis of Solar power plants at different Locations.

Procurement of Materials and Instruments required for Project.

Execution , Erection and Commissioning of the Solar Power Plant.

Handled the operation, maintenance and overall project management for the past 5 years Throughout the tenure I handled up to 2 MW projects which included residential, commercial and CSR projects.

- Gujarat Indiabulls CSR projects ( Adiwasi School) - 350 KW
- Lodha Palava ( Residential complex installations) - 90 Kw
- Bhave Warehouse (commercial installation) - 140 Kw
- JBSP School and College (commercial installation) - 230 kW
- Pillai's college of arts, science and commerce (commercial installation) - 25 kW
- MIDC Poynad (commercial installation) - 130 kW
- Ramseth Thakur international sports complex (commercial installation)- 80 kW
- Aditya Gardens,Pune (Residential complex installation) - 125 kW
- Jaswanti Gold, Kandivli (Residential complex installation) - 21 kW

Assistant Professor - 06/2012 to 04/2017 Shanti

Niketan Polytechnic, Navi Mumbai

- 2 years teaching experience at Shanti Niketan Polytechnic, New Panvel.
- Subjects taught - fluid power, meteorology and quality control, production technique.
- Areas of interest- Thermodynamics, Thermal Engineering and solar power and maintenance.
- Arranged seminars regarding thermographic inspection of solar installation and carbon footprint.

## Certifications and Activities

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- Designated as the treasurer of ISHRAE (Indian Society for Heating Refrigeration and Air Conditioning Engineers).
- Active member of student council of Pillai's institute of information technology. Volunteering for many social awareness programs.

## Internships

### **One-year training at GSEB (Gujarat State Electricity Board), Gujarat.**

- I was working under a Pipelining Engineer as a trainee, who was responsible for designing the layout of the pipeline of the whole 1 megawatt thermal power plant.
- My responsibilities were analyzing and observing the designs of the pipeline layout and maintaining the journal of the same.
- Throughout the tenure I learnt how to design a 3D model of the pipeline layout based on the 2D model provided by a client's design engineer.

### **One-year internship at Reliance Pvt Ltd (Patalganga, Rasayani) in the year 2012-2013.**

- This internship was done as the B.E. (Mechanical final year project).
- We were a team of 4 students, given the task of maintenance of the hydrogen compressor and suggested 3 solutions to prevent the failure of the hydrogen compressor.
- We prepared a report and suggested 3 preventive measures based on the observations of the hydrogen compressor's failure.

## College Projects

- Diploma Project- Design of an overhead crane
- B.E Project- Reliability of Hydrogen compressor.
- M.E Project- Investigation of Solar panels using thermography.

## Declaration

I hereby declare all the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the abovementioned particulars.