

# SOURABH BERA

## ENERGY ENGINEER

To associate with an organization where my leadership, experience and knowledge that I gained as part of my degree course can be used effectively with latest trends and be a part of team that works dynamically towards the objectives of the organization.

## PROFILE

- Project Engineer with 1.9 Year experience in the field of Solar Energy
- Conduct Energy Audits with customers prior to installation
- Adept in analyzing information system needs, evaluating end-user requirements, custom designing solutions with energy as an input source.
- Creating Quotes
- Create scale diagrams of residential roofs for solar PV design
- Plan and install rooftop PV arrays
- Coordinated customer site visits.
- Assisted Sales Development Engineer
- Corresponded with local and permitting authorities.
- Monitored construction drawing set.
- Provided technical support and conducted project site visits.
- Drafted post-construction project commissioning procedures.
- Aided in project commissioning.
- Troubleshoot, diagnose, and repair malfunctioning systems
- Responsible for keeping record of all site visits and surveys, as well as communicating with coordinators

## EXPERIENCE

**Solar PV Engineer, April 2017 with Minus CO2 Energy Pvt Ltd, NAVI MUMBAI, INDIA**

- Projects Handled in and around Mumbai :  
Installation and Commissioning of Solar Rooftop Power Plant  
Up-to 750 kWp For Residential and Potential Customers-Schools, Colleges.

## EDUCATION

- Master of Technology in Energy Engineering with 7.35 Grades out of 10 from K J Somaiya College of Engineering, Mumbai under the Mumbai University in November'16.
- Bachelor of Engineering in Mechanical Engineering with 64.30 % from Pillai's Institute of Information Technology, New Panvel Under the Mumbai University in May'13.

## CERTIFICATIONS

- Solid Works and AUTO CAD Certification from CAD Expert Centre, 2017 Navi Mumbai.
- Solar Photovoltaic Off-Grid and On-Grid: Design and Installation SRRA unit of NIWE (R&D Institution under MNRE), March 2017.
- MS-CIT Advanced Microsoft Office Excel 2013 Course, SIIT Jan' 2017.
- Concept of Project Management from ATI Mumbai, 2016.



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## INTERNSHIPS

- Worked as an intern at Uttam Galva Metallics Limited for 8 months from April 2016 to Nov 2016
- Project at Nareshwadi Learning Centre for "**Constructing and Implementation of Pilot Scale Bio-digester**" from 9th January to 14th January, 2016.
- 4 Weeks Internship at Toyo Engineering India Pvt Ltd. (Kanjurmarg East, Mumbai) from 1st June 2015 to 29th July 2015 performed a Case study on "**Analytical Study On Grid Interactive Roof Top Solar Photovoltaic System**".
- 4 Weeks Intern Project done at the Jawaharlal Nehru Port Trust, Uran, Navi Mumbai on "**Maintenance at Container Terminal**" from June 2012 To July 2012.

## SKILLS

- Microsoft Office Tools
- AutoCAD
- Project Management
- Solid Works
- Helioscope
- Google Sketch up

## PUBLICATIONS

- Journal Published in International Research Journal of Advanced Engineering and Science titled "Assessment of Bovine Dung Based Bio-Energy and Emission Mitigation Potential for Maharashtra"  
URL: <http://www.irjaes.com/pdf/IRJAES-V1N3Y16/IRJAES-V1N3P119Y16.pdf>
- Conference paper at International Conference on Emerging Trends in Engineering and Technology-2016 under IFERP on "Contribution of Carbon Credits for Financial Feasibility of a Biogas Project", on 1st May, 2016.  
URL: [http://www.ijermce.com/volume1\\_issue1.php](http://www.ijermce.com/volume1_issue1.php)