

RESUME

Jamuvant Sonwane

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SYNOPSIS

- Working as Engineer at Mahindra Susten Pvt. Ltd. In Plant Performance Analytics (O&M) Department since 22 Nov-2015.
- Worked as Engineer at Electrical Research and development association Vadodara in R and D Department from Sep-2014 to Nov-2015.
- 1-year Experience as Assistant Professor.
- Completed 1 years M.Tech. project from society of applied microwave electronics engineering and research (SAMEER) Mumbai, on direct writing of optical waveguide-based devices using Femtosecond laser under the guidance of Dr. Anuj Bhatnagar.
- An efficient key player in challenging and creative environment with excellent capability to adapt new technology and skills.

EDUCATIONAL DETAILS

	Name of Institute	Year	% / CGPA
M.Tech. (Opto-Electronics)	SGSITS Indore	2013	8.2
B.E. (Electronics and Comm.)	Bansal Inst. of Science and Tech. Bhopal	2010	72.19 %
12 th	Vivek Jyoti High. Sec. School Balaghat	2006	87.60 %
10 th	Vivek Jyoti High School Katangi	2004	86.00 %
GATE		2011	90.20 Percentile

TECHNICAL KNOWLEDGEBASE

- Testing of Technical Due diligence of solar plants and report preparation.
- Third party audit and visual inspection of solar plants.
- Planning and coordination with site team to perform and complete the third-party testing projects on time.
- Handheld Experience of operating most of the solar testing instruments (I.e. power analyzer, string tester, PVPM, EL tester, flash tester, Thermography Camera etc.)
- Performance analysis of grid connected solar plants from PV array level to MFM level.
- Conducting PR test of the plant as per contractual terms before handover the project to client.
- Soiling analysis of the solar plants and correlation with performance ratio (PR) of PV plants and optimize the cleaning cycle of the PV plant to reduce water consumption
- Installation of soiling stations.
- Finalize the technical specification & Installation of weather stations.
- Loss Analysis of PV plant by comparing actual Vs PvSyst Data
- Data validation of pyranometer using a reference pyranometer.

- Data validation at Scada of entire solar plant at all levels
- EL testing of the PV Modules
- Auxiliary power consumption analysis of solar plants and optimize it to increase the PR Value
- String level testing of the solar Plant using Profitest PV sun Memo.
- Thermography of the solar equipment and modules.
- Remote monitoring of solar plants using SCADA.
- Responsible for NABL accredited calibration of instrument available at all the Mahindra Susten O&M sites.
- Power quality measurement at the point of interconnection of the solar and wind plants
- IEC -61850 protocol for sub- station.
- Measurement of No load harmonics of the transformers

Project Undertaken

- **M.Tech Project:** direct writing of optical waveguide based devices using Femtosecond laser
- **B.E. Project:** Solar Tracking system

Strengths

- A highly motivated and eager to learn new things.
- Strong leadership skills and ability to best results under pressure.
- Adept at administrative work, setting priorities, developing work schedule, co-ordination with other departments.
- An effective communicator with exceptional relationship management skills.
- Got Champion award and Sustainer award at Mahindra Susten for my work and dedication.

Personal Details

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|-------------------|---|--|
| • Fathers Name | - | Vijay Kumar Sonwane |
| • Mothers Name | - | Sunanda Sonwane |
| • Date of birth | - | 01-Jan-1989 |
| • Marital status | - | Married |
| • Language Known | - | Hindi, English, Marathi |
| • Current Address | - | B-201, Rainbow Apartment, Sector-19, Airoli- Navi Mumbai |

Declaration

I Hereby declare that the above information is correct and complete to the best of my knowledge and brief

Date: 22-June-18

Jamuvant Sonwane