

Mahesh P. Kawarkhe

CONTACT

At.Post.Goregaon Tal.Sengaon
Dist.Hingoli MH 43173

E-mail: maheshkawarkhe@rediffmail.com
Phone: 7387692273 / 9834147425

CAREER OBJECTIVES

I want to succeed in an environment of growth and excellence to meet personal and organizational goals.

EDUCATION

B.E (Electrical Engineering)

*Dr.Vithalrao Vikhe Patil College of
Engineering, Ahmednagar With
74.45%*

June 2015 — May 2018

Polytechnic (Electrical Engineering)

*Government Polytechnic Malvan
with 69.21%*

June 2012 — May 2015

S.S.C

*New High School Goregaon
With 81.23%*

June 2009 — March 2010

FINAL YEAR PROJECT

- *Super Capacitor based Solar PV Hybrid system to improve the efficiency of System*
- *Solar battery charge controller with priority based load controlled*
- *IoT Based Solar Mobile Charging Station*

SOFTWARE SPECIALIZATION

- *PVSyst*
- *Sketch-Up*
- *Helioscope*

PROJECTS EXECUTED

- **Design and Installation of more than 1MWp+ Grid Connected Solar PV System**
- **DC Side and AC Side Testing of 1MWp+ Grid Connected Solar Power Plant**
- **Inspection of 275kWp PV Plant at GNIT College, Hyderabad**
- **Supervision and Project handled of 750kWp PV Plant at Pune**
- **Installation of more than 500 kWp Off-Grid Solar PV System at various government building in Maharashtra**

INTERNSHIP

>> Implant Training at 33/11 KV Substation with Grid Connected Solar 600 kWp Plant

CERTIFICATIONS	<ul style="list-style-type: none"> ▪ NSDC Certified "Solar PV Installer" Electrical (QP No. - SGJ/Q0102) Level-4 ▪ "Training of Trainers (TOT)", SCGJ (Skill Council for Green Jobs) ▪ "Rooftop Solar Photovoltaic Entrepreneur", the World Bank SUPRABHA 	
ROLES AND RESPONSIBILITY	<ul style="list-style-type: none"> ▪ Site Visit (Site Survey) and preparation report for the energy yield ▪ Preparation of Feasibility Report (For Clients) ▪ Preparing PVSyst and SketchUp Report for Feasibility, Technical and Non-Technical Presentation ▪ Designing and Installation of Grid Connected Solar PV System ▪ Quality inspection of the Ground Mounted Solar PV Power Plant and IV Characteristic by using PV Analyser ▪ Testing and Inspecting Installed Grid Connected PV Plants ▪ Cable Sizing and Cable Laying ▪ Solar PV Design, PV Module Selection, Inverter selection, String Size Selection ▪ Understanding Major components of DC and AC Side , Remote Monitoring ▪ DC system, DC Distribution box design, String combiner box design. ▪ IV Testing of Solar PV System by using Solar PV Analyser ▪ Making of BOM and SLD (Single Line Diagram) ▪ Design, Development and Installation of Solar Lab Equipment 	
ACHIEVEMENTS	<ul style="list-style-type: none"> ▪ Have conducted Seminar on "Solar Technology Introduction and Awareness" in Various Colleges across Maharashtra. ▪ Having the Experience of Installation of 1MWp+ Grid Connected Solar Power Plant. ▪ Conducted a Solar Training Program for Student and professionals in various Reputed Colleges across India. ▪ Trained more than 5000 Students in Solar Technology. ▪ Awarded with "Letter of Appreciation" for conducting Solar Training in Various colleges. 	
WORK EXPERIENCE	<p>Urja Swaraj LLP Project and Design Engineer</p> <p>Sustainfy Energy LLP Quality and Inspector Engineer on Solar PV Project</p> <p>kWatt Solutions Pvt.ltd Solar PV Technical Trainer</p>	<p>20 Sept. 2020 — currently working</p> <p>20 Jan 2020 — July 2020</p> <p>15 Jan 2018 — Jan 2020</p>
INTERESTS	<ul style="list-style-type: none"> ▪ Solar PV Technology, Quality inspection of PV System ▪ Self-Sustainable and DC Energy Appliances 	
STRENGTHS	<ul style="list-style-type: none"> ▪ Good Learner ▪ Hardworking ▪ Enthusiastic 	
DECLARATION	<p>I hereby declare that all the information given above is true to the best of my Knowledge.</p>	

Place: Pune

Er.Mahesh Kawarkhe