

Santosh O. Yadav

CONTACT

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CAREER OBJECTIVES

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

EDUCATION

B.E (Electronics Engineering)

June 2014 — May 2017

Terna Engineering College, Nerul
With 6.92 pointer

Polytechnic (Electronics Engineering)

June 2011 — May 2014

Terna Polytechnic, Koperkhairne
With 77%

S.S.C

June 2010 — March 2011

M.G.H.H.S Airoli
With 86%

FINAL YEAR PROJECT

- Final Year Project: **Surveillance BOT Using Arduino**
- **Stand Alone Solar PV System**
- Third Year Project : **Solar Powered Smart Street Light System**
- **Mini Project: Mobile Power Bank**

SOFTWARE SPECIALIZATION

- PVSyst
- Sketch-Up
- Helioscope
- AutoCAD

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 120kWp PV Plant at JP Infra, Mumbai**
- **Inspection of 275kWp PV Plant at GNIT College, Hyderabad**
- **Solar Lab Setup in Thiagarajar College of Engineering, Madurai**
- **Solar Lab Setup in Bhartiya Skill Development University, Jaipur**
- **Solar Lab Setup in Holy Mary Institute of Science and Technology, Hyderabad**
- **Have designed and developed more than 100 projects for final year students**

INTERNSHIP

>> Central Railway (Signal and Telecommunication Department)

CERTIFICATIONS

- 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
- PVSyst|Excel|Autocad from Udemy

ROLES AND RESPONSIBILITY

- **Site Visit (Site Survey)/ Site Evaluation**
- **Preparation of Load Analysis/ Feasibility Report (For Clients)**
- **Preparing PVSyst Report and Roof layout in SketchUp for Feasibility**
- **Communicating with clients for their Queries and Doubts**
- **Cable Sizing (DC and AC)**
- **Making of BOM and SLD (Single Line Diagram)**
- **Presenting Design and other details to Clients**
- **Solving Client's technical queries**
- **Applying for Tenders/ Understanding and preparing required Documents**
- **Preparing Savings/ Payback year sheet for Client**
- **Preparing Techno Commercial Proposals for Client**
- **Design, Development and Installation of Solar Lab Equipment's**

ACHIEVEMENTS

- Have conducted Seminar on "**Solar Technology Introduction and Awareness**" in Various Colleges across Maharashtra.
- Have 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 MMCOE College, Pune.
- Got **100 out of 100** marks in Math's Sem3 Polytechnic.

WORK EXPERIENCE

kWatt Solutions Pvt. Ltd. Mumbai

Electrical Design Engineer

June 2017 — Feb 2021

ABS Renew Power Pvt. Ltd. Navi Mumbai

Design & Tendering Engineer

March 2021 — Currently Working

INTERESTS

- Solar Technology
- Working on Electronics Projects

STRENGTHS

- Good Learner
- Hardworking
- Helpfully Attitude

DECLARATION

Place: Airoli

Santosh O. Yadav