

## Prasad Vasant Joshi

“Shivanand”, Gandharva Nagari, Nashik Road,  
Nashik - 422101. Maharashtra, India.

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### CAREER OBJECTIVES

Seeking an opportunity where I can apply my knowledge and improve my skills by serving the organization.

### EDUCATIONAL QUALIFICATION:

- **Branch:** Electrical Engineering.

Degree	Year of Passing	Institution	Class Obtained
M. E. Electrical (Power System)	2013-2016	KKWIEE&R, Nashik.	First Class
B.E. Electrical	2011-2012	KKWIEE&R, Nashik	First Class with Distinction
H.S.C.	2007-2008	P. E. School & Arambha Mahavidyalay, Nashik Road.	First Class with Distinction
S.S.C.	2005-2006	P. E. School & Arambha Mahavidyalay, Nashik Road.	First Class

### EXPERIENCE:

- Working experience of 06 years & 10 months at N.D.M.V.P.S's K.B.T. COE, Nashik (till date) as an Assistant Professor in Electrical Engineering.
- Acted as trainer for PMKVY-Assistant Electrician at N.D.M.V.P's K.B.T.COE, Nashik (2017-18)
- Acted as trainer for Finishing School in Mechatronics at MVP'S PRIVATE ITI, Nashik (2017-18)
- Implemented KW level solar PV systems for household electrification & water-pumping application in farms.

## **PROJECT WORK:**

### **M.E. Project:**

#### **“Grid Interconnection of renewable energy systems”**

Electrical energy demands are increasing day by day and application of renewable energy system is going to play major role to fulfill the demands. The microgrid is an electrical power system that incorporates distributed energy resources, distributed storage and local load. The microgrid can operate in shunt with the utility grid or in stand-alone mode. To increase the availability, the microgrids can be interfaced with highly available main grids and most can be interfaced to the grid through electronic converters. Project focuses on developing converter system for grid interconnection of renewable energy systems.(software & hardware implementation)

## **CO-CURRICULAR ACTIVITIES:**

1. Created a prototype model for generation of electricity using the “Triboelectric Effect”. The same was featured in the national level working model contest IET-Karmaveer Expo 2011, at KKWIEER, Nashik.
2. Member of ISTE (Indian Society for Technical Education)(2008-12)
3. Presented paper in PSRES(Oct-2013)(National Level) (KKWIEER)
4. Attended workshop on Solar Photovoltaic System (Design & Implementation) organized by NEED Mission (April 2013)
5. Presented paper in NCAPS-2014(National Level) (KKWIEER)
6. Participated in Soft skill Development Program. (Jan. 2014)
7. Attended National Level Workshop on “Emerging Technologies in Smart Grid”(Dec.2014)
8. Attended TEQIP sponsored one week finishing school on “Implementation of Power Electronics Systems” at SVNIT, Surat. (Jan. 2015)
9. Presented paper on “Energy Management in DC Microgrid” in IEEE International Conference (ICESA-2015) (Oct 2015) at D.Y.Patil, Pimpri, Pune, Maharashtra, India.
10. Presented paper on “Simulation of Microgrid with Energy Management System” in IEEE International Conference (ICESA-2015) (Oct 2015) at D.Y.Patil, Pimpri, Pune, Maharashtra, India.
11. Presented paper on “Study of different converter topologies for interconnecting microgrid with utility grid” in IEEE International Conference (ICCICCT-2015) (Dec 2015) at NIU, Kumaracoil, Kanyakumari, Tamilnadu, India.
12. Presented paper on “Interconnection of microgrid at utility grid at distribution level using power electronic converter system” in IEEE International Conference (ICCICCT-2015) (Dec 2015) at NIU, Kumaracoil, Kanyakumari, Tamilnadu, India.
13. Attended “Two days workshop on Advanced Topics in Control System” conducted by Dept. of Instrumentation & Control, NDMVPS’s KBTCOE, Nashik( Jan. 2016)
14. Attended NaMPET Phase II One week short term course on “Power Electronics Applications in Micro-Grids: Enabling Green Energy” at VNIT, Nagpur.(April 2016)
15. Presented paper on “Grid Interconnection of DC Microgrid at Distribution level using Power Electronic Converter System-MATLAB/Simulink Modeling And Analysis” in IEEE International Conference (ICACDOT-2016) (Sept 2016) at I2IT, Hinjwadi, Pune, Maharashtra, India.
16. Attended IEEE Smart Grid Webinar on “Overview of the Microgrid Controller Innovation Challenge at the NREL” on 23<sup>rd</sup> March 2017.
17. Attended IEEE Smart Grid Webinar on “Big Data Applications in Smart Grids: Benefits and Challenges” on 13<sup>th</sup> April 2017.

18. Attended IEEE Smart Grid Webinar on “DER: Where to Start? With Who, What, When, Why? How to Build a ROI-Based Roadmap” on 4<sup>th</sup> May 2017.
19. Attended IEEE Smart Grid Webinar on “Financial Transmission and Storage Rights” on 20<sup>th</sup> April 2017.
20. Worked as Faculty Advisor for Team Torracel (NDMVPS’s KBTCOE, Nashik) for SUPRA SAE INDIA-2017.
21. Attended Two Week ISTE STTP on Electric Power System 10<sup>th</sup> July – 15<sup>th</sup> July, 2017 at NDMVPS’s KBTCOE, Nashik.
22. Successfully completed an AICTE approved FDP on “Foundation Program in ICT for Education” conducted by IIT Bombay from 13<sup>th</sup> September to 18<sup>th</sup> October 2018.
23. Successfully completed 12 week, NPTEL Online Certification course & FDP on “Fundamentals of Electrical Engineering”. July-October 2018.

And many more.

### **ACHIEVEMENTS:**

1. Represented School Hockey Team (2006)
2. Won first prize for College Volleyball Team (2008)
3. Player of Departmental Carrom team (2011)
4. Organized and volunteered in various departmental events (2009-2012) at KKWIEER, Nashik
5. Won “Best Paper Award” in NCAPS-2014 (National Level) (KKWIEER)
6. Won First prize, twice in photography competition organized by “Foto Circle Nashik” (2013-14)
7. Won Second Prize in Kumbha Darpan Photography Competition organized by IIA, Nashik Center in Abstract Category. (Dec 2015)
8. Two publications in InspiroIndia Magazine
9. Won First Prize (Gold) in DCP Annual Photography Awards (2016-17) in category of Amphibian/Reptile
10. Nominated for World Photographic Forum’s best reptile photograph 2017

### **SOFTWARE SKILLS:**

1. Microsoft Applications, including MS Office.
2. MATLAB/Simulink
3. PSIM
4. Adobe PhotoShop

### **HOBBIES & INTRESTS:**

1. Photography
2. Solar PV Systems
3. Reading Motivational Texts
4. Collecting Editorials
5. Travelling & Trekking

### **PERSONAL PROFILE:**

**Name:** Prasad Vasant Joshi  
**Date of Birth:** 04-05-1991  
**Sex:** Male  
**Marital Status:** Single  
**Nationality:** Indian  
**Languages known:** English, Hindi, Marathi.

Place: Nashik

Date: March 11, 2022