

# PRIYANKA PRABHAKAR UJANIKAR

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## CAREER OBJECTIVE

My goal is to work innovatively for the enhancement and betterment of education. I aspire to work for an institution which offers career growth and chances to learn and improve my knowledge.

## ACADEMIA

Course	College/ School	University/ Board	Year	Aggregate/ CGPA
M.Tech. (Electrical Engineering Control System)	Walchand College of Engineering,Sangli	Shivaji University, Kolhapur	2020	8.18
<b>GATE 2018</b>	<b>IIT Guwahati</b>		<b>2018</b>	<b>30.67 Qualified</b>
B.E (Electrical Engineering)	Sanjay Ghodawat Group of Institutions, Kolhapur, Maharastra	Shivaji University, Kolhapur	2016-2017	72.31%
H.S.C.	S.R.V.M. High School And Jr. Collage, Jath	Kolhapur Divisional Board	2013	75%
S.S.C	Jath High School, Jath Jath	Kolhapur Divisional Board	2011	90.18%

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## ACADEMIC PROJECTS

### MINI PROJECT:

**Single Phase Induction Generator. (Guide: Mr. S. S. Mudkanawar)** July 2015-Dec. 2015

Single Phase Induction Motor is converted so that it work as generator and generation takes place.

### MAIN PROJECT:

#### **BE Project:**

**Power Generation Using Single Phase Induction Generator – A Option For Rural Area Electrification (Guide: Mr. P. D. More)** June 2016-2017

In this project we design a single phase induction generator for pico-hydro electricity generation. Especially for Kolhapur type(Kt) bandhara (small water storage dam) with the help of pvc pipe turbine and belt drive.

Period: 1 year

Team size: 5

## **MTech Project:**

### **Open-Circuit Fault Diagnosis in Voltage Source Inverter (Guide: Dr. D. S. More ), October 2019-2020**

In this dissertation work, design and implementation of open-circuit fault diagnosis methods such as Normalized park's vector approach, simple direct current method, current spectrum analysis and analysis of current vector trajectory in MATLAB Simulink.

## **TRAININGS & WORKSHOPS**

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### **TRAINING:**

#### **Vasant Electric & Mechanical Works, Jaysingpur.**

21<sup>st</sup> May -5<sup>th</sup> June

- Completed fifteen day Vocational Industrial Training on Transformer.

### **WORKSHOPS:**

#### **MATLAB Simulink**

- Completed two day workshop on MATLAB Simulink.

14<sup>TH</sup> to 15<sup>TH</sup> Sep 2016

#### **Effective Learning & Report Writing using Latex**

7 Feb 2015

- Completed one day workshop on effective learning & report writing using Latex.

#### **One Week Workshop on PLC and SCADA Using Total Integrated Automation**

8<sup>TH</sup> to 12<sup>TH</sup> April, 2019

## **ACHIEVEMENTS AND PARTICIPATION**

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- Secured first rank in first year for the Academic year 2013-14.
- Secured first rank in second year for the Academic year 2014-15.
- Shivaji University Merit Scholarship for the Academic year 2014-15.
- Participated in Paper Presentation Event of INNOVIA – 2015, Organized by Electrical Engineering Department, SGI. (2<sup>nd</sup> Prize)
- Participated in Mini Project Exhibition/ Competition of INNOVIA- 2015, Organized by Innovation and Entrepreneurship Development Cell on 15 September, 2015.(2<sup>nd</sup> Prize)
- Participated in PAPER Presentation Event of POTENTIAL 2K16, on the occasion of SGI Foundation Day , Organized by EESA, SGI, Atigre.
- Presented a research paper entitled “**Single Phase Self –Excited Induction Generator**” during **IRAJ RESEARCH FORUM in association with INSTITUTE OF RESEARCH AND JOURNALS International Conference on Emerging Trend in Electronic, Electrical and Mechanical Engineering (ICEEME)** held at Pune, India on 25<sup>th</sup> December, 2016.
- Presented research paper titled “**Power Generation Using Single Phase Self- Excited Induction Generator** ” during **2<sup>nd</sup> International Conference on Recent Challenges in Engineering and Technology (ICRCET-17)** held at SIT, Kolhapur, Maharashtra, India on 23<sup>rd</sup>-24<sup>th</sup> February,2017.
- Participated in **Transform Maharashtra** Organized by **Government of Maharashtra i.e. hon'ble Chief Minister, Shri Devendra Fadnavis** on 2017

## PERSONAL PROFILE

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Date of Birth : March 14, 1995  
Father's name : Prabhakar Bhimrao Ujanikar  
Languages Known : English, Hindi, Marathi.  
Hobbies : Reading, Listening music, Drawing.

## DECLARATION

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I hereby declared that the above written particulars are true to the best of my knowledge and belief.

**Date: 13/12/2020**

**Place: Jath**



**Priyanka Prabhakar Ujanikar**