

**PERSONAL INFORMATION** **Mr. Manojkumar Patil**

📍 House No. 436, Ashok Nagar, Gopalchavdi, Nanded , Maharashtra State, India-431602

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💬 **WhatsApp Number** : +91-9975646573

**Sex** : Male | **Date of birth** : 11/07/1990 | **Nationality** : Indian

**WORK EXPERIENCE**

July 2012 till date

**Assistant Professor**

Department of Electrical Engineering,  
Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded , India-431606  
(An Autonomous Institute of Maharashtra State Government, India)

- Academic Teaching
- Academic Administration
- Research and Development
- Consultancy to sponsored Research and Development Project

December 2018 till date

**Founder, Clean Energy Solutions,**

- Enterprise working in Solar PV Roof top , Off-Grid , On Grid, Hybrid, Low Voltage DC Grid for Residential Buildings
- Energy Audit, Harmonic Analysis , Energy Saving Panels , Electricity Bill reduction etc.

**EDUCATION**

December 2015

**Master of Engineering**

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India

- Specialization in Electrical Power System

July 2012

**Bachelor of Technology**

Dr. Babasaheb Ambedkar Technological University, Lonere, India

- Electrical Engineering

Sr. No.	Qualification	Institute/University/Board	Year of Passing	Percentage of Marks/CGPA on scale of 10/Remarks
1.	Master of Engineering (Electrical Power System)	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India	2015	8.44 (First Class with Distinction)
2.	Bachelor of Technology	Dr. Babasaheb Ambedkar Technological University, Lonere, Maharashtra State, India	2012	7.55 (First Class with Distinction)
3.	Higher Secondary Certificate Examination (HSC)	Maharashtra State Board	2007	73.83% (First Class)
4.	Secondary School Certificate (SSC)	Maharashtra State Board	2005	65.46% (First Class)

## CERTIFICATION

Sr. No.	Year	Certificate	Institute/Industry	Learning Mode
1	June, 2018	Introduction of Internet of Things	Stanford Centre for Professional Development, Stanford University	Online
2	December 2018	Solar PV System Designing (On Grid and Off Grid)	Kwatts Solutions Pvt. Ltd., Mumbai, SINE, IIT Bombay	Online

## COMMUNICATION SKILLS

- Good communication
- Excellent communication skills in group debate /discussion
- Good at expressing and conveying thoughts on varied subjects /topics

ORGANISATIONAL /  
MANAGERIAL SKILLS

- Assistant Exam Coordinator for semester examinations of an Institute
- Faculty Coordinator for National Level Technical Event
- Faculty Coordinator for Students Activities
- Departmental Training and Placement Officer
- Committee member for International, national workshops and Conferences
- Class Teacher of Undergraduate Classes
- Students President of Electrical Engineering Students Association (Association of nearly 300 Students)
- Students Vice-President of Electrical Engineering Students Association (Association of nearly 300 Students)
- Laboratory Development ,includes up gradation , modernization and purchasing of new equipment
- Guidance and support to undergraduate students in Major and Mini-Project

## JOB-RELATED SKILLS

- Good command on Academic Teaching and Learning
- Good Analytical and Problem Solving Skill
- Command on Academic Administration work at Institute Level
- Consultancy to Sponsored Research Project

## DIGITAL SKILLS

- Good command of office suite
- Good command on software's used in Electrical Engineering : MATLAB, Mi-Power, E-Tap

## PROJECTS

Year	Project Details
August 2017 To October 2017	Consultancy Project:  The project was assigned by Centre for Technology Alternatives for Rural Areas (CTARA), Indian institute of Technology (IIT), Bombay. The project work was to test capacitor installation on electric pump with regard to farmer behaviour and performance of capacitors.
March 2016 To June 2016	Consultancy Project:  The project was assigned by Centre for Technology Alternatives for Rural Areas (CTARA), Indian institute of Technology (IIT), Bombay. The project work was to carry out study to examine agricultural electricity

## Curriculum Vitae

**Mr. Manojkumar Patil**

	consumption in Maharashtra State in India”.
Academic Year 2014-2015	Post Graduate Major Project: This work presents nonlinear modelling and control of Single Machine Dynamic Load (SMDL) system with thyristor controlled series capacitor (TCSC) for power system stability enhancement.
Academic Year 2011-2012	Undergraduate Major Project: The objective of project was to study of “Doubly Fed Induction Generator” (DFIG) for power generation from wind. In this project, different aspects of DFIG and its control mechanism is presented using MATLAB simulation results.

### PUBLICATIONS

Year	Title
February 2018	<b>M. K. Patil</b> , B.D. Choudhary, “Full Utilization of Existing Distribution Capacity by Installing capacitors on agricultural pump: a case study in Marathwada Region, Maharashtra State” National Conference on Sustainable Energy (NCOSE-2018), February 22-24, 2018 organized by Visvesvaraya National Institute of Technology (VNIT), Nagpur, India.
December 2015	P. B. Surwase, M. Nagendra, <b>M. K. Patil</b> , “Comparative Evaluation of Phasor Estimation For Fault Location in Double End Transmission Line”, 12th IEEE International Conference INDICON-2015, New Delhi, India.
November 2015	<b>Manojkumar Patil</b> , Santosh Kompeli, “Analysis of Single and Multi Resonance Point in Reactance Characteristics of TCSC Device”, IRJET, Vol.2, Issue. 03 June 2015.e-ISSN: 2395-0056.
June 2015	<b>Manojkumar Patil</b> , Santosh Kompeli, “Modelling and Stability Analysis of Single Machine Dynamic Load (SMDL) System with TCSC”, International Conference on AESM, Agra, India , 08 <sup>th</sup> November 2015, ISBN: 978-81-931974, T. R. Publication..

### COURSES /WORKSHOP/TRAINING

Year	Course /Workshop /Training Title	Institution/ Industry	Duration
December 2016	Unified Payment Interface (UPI): Cashless Mode Payment	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	One day workshop
January 2015	Advanced Control of Underwater Vehicles	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded.	Two Day Workshop
December 2014	Advances in Solar Energy Technologies	Centre for Energy Studies, Indian Institute of Technology (IIT), Delhi	One week short term course
August 2014	Transmission Line Simulation-08 and Numerical Relay Development Environment	Walchand College of Engineering, Sangli. (An Autonomous Institute in State of Maharashtra, India)	One week workshop
August 2014	Best Practices In Outcome Based Design of Curriculum	National Project Implementation Unit (NPIU) of Government of India and Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded.	One day workshop
August 2014	Best Practices in Curriculum Development	National Project Implementation Unit (NPIU)	One Day

## Curriculum Vitae

Mr. Manojkumar Patil

	of Electrical Engineering	of Government of India and Veermata Jijabai Technological Institute (VJTI), Mumbai.	workshop
January 2014	Design, Analysis and Operation of Power systems using E-Tap Software	MSS'S College of Engineering, Jalna, India. (Affiliated to Dr. Babasaheb Ambedkar Marathwadha University, Aurangabad)	Three Day Training Program
October 2013	Power Electronics Applications	National Institute of Technology (NIT), Warangal, India.	Five Day Workshop
June 2009	Practical Training	Teesta-V Power Station, National Hydro Power Company Limited (NHPC), Government of India Enterprises	Two Week Practical Training

### ANNEXES

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- Copies of degrees and qualifications;
- Certificate of Work experience
- Publications or research.
- Certificates of Courses