

# RESUME

**Ms. Harshal Kishor Chaudhari**

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## **Career Objective:-**

To work in innovative and challenging environment to use my skills and knowledge also utilize my teaching & administration skills in a reputable university that can help for the growth of the overall system.

## **Qualification: - M.E in Electrical Power System**

**Professional Experience:-** Currently working at GF's College of Engineering Second Shift Polytechnic, Jalgaon from dec 2019 to till date.

1 Year (2016-2017) worked as Assistant Professor in Electrical Department at: K.C.E.S'S College of Engineering and IT, Jalgaon.

2 Years (2017-2019) worked as Lecturer in Electrical Department at: K.C.E.S'S College of Polytechnic, Jalgaon

## **Academic Details:-**

Examination	School/College	Board/University	Year Of Passing	Percentage/ CGPA
M.E	K.C.E'S College of Engineering, Jalgaon	North Maharashtra University, Jalgaon	2019	70.00%
B.E.	K.C.E'S College of Engineering, Jalgaon	North Maharashtra University, Jalgaon	2016	7.45
12 <sup>th</sup>	M.J. College, Jalgaon	Nashik Board	2012	58%
10 <sup>th</sup>	R.R. High school, Jalgaon	Nashik Board	2010	86.18%

## **Academic Projects:-**

### **➤ PG Project:**

- **Title:-** Cooperative Control of Two Area Network In Power System Load and Frequency by Using DG

In case of an interconnected power system, any small sudden load change in any of areas causes the fluctuation of frequencies and also there is fluctuation of power in tie line. LFC scheme incorporates appropriate control system for interconnected power systems. This is achieved by the use of conventional controllers. But the conventional controllers are heaving some demerits, therefore advanced power system used over conventional integral control.

- **Technology used:-**

Two area load frequency controller, PR Controller, Wind power plant, three phase generator

➤ **UG Project:**

- **Title:-**Auto Irrigation System Sensing Soil Moisture Content

Objective of our project is to design to develop an Automatic IRRIGATION System, which switches the pump motor ON/OFF on sensing the moisture content of the soil. The project uses an 8051 series microcontroller which is program to receive the input signal. This is achieving by using an op- amp as comparator. An LCD display is also interfaced to the microcontroller to display status of soil and water pump.

- **Technology used:-**  
Integrating GSM, Microcontroller (AT89S52), OP-AMP (LM358).

➤ **Mini Project :-**

- **Title:-** Solar Cooler

In this project ,the solar energy is harvested an stored in battery .This battery is then connected to solar cooler for power source .The concept of solar cooler sounds good an economical hence almost every class of our society can bear its expenses. Now a day robotic solar cooler also implemented.

- **Technology used:-**  
Photovoltaic cells, solar panels.

**Extra Curricular Activities:-**

- Industry visit in “MAHA TRANSCO”, 220 KV Substation, Patharad , Bambhori.2015.
- Industry visit in “DWARKA INDUSTRY”, Jalgaon.2015.
- “TAACT” works in industrialautomation.2014.
- Training of “ENTREPRENEURESHIPE AWARNESS PROGRAM”, 2014.
- National level technical event coordinator in“IGNITION-2014”
- National level technical event coordinator in“IGNITION-2015”
- National level 1<sup>st</sup> price WINNER of Paper Presentation inBHAVISHYA-2013’

**Workshops Attended:-**

- Two weeks ISTE STTP on “ELECTRIC POWER SYSTEM”, conducted by IIT, Kharagpur, 2017.
- “Selection of LV Switchgears and Applications for MSBTE, at L&T training centre, Pune, 2018.

### **Technical skills :-**

- MS-CIT
- MS-WORD, EXCEL, POWERPOINT
- BASIC KNOWLEDGE ABOUT COMPUTER

### **Conferences Attended :-**

- Presented paper titled “Review on Cooperative Control of Two Area Network in Power System Load and Frequency by Using DG” conducted by A Multidisciplinary National Conference on Management, Engineering & Science on 10 April 2019.
- Presented paper titled “Cooperative Control of Two Area Network in Power System Load and Frequency by Using DG” conducted by IJRAR June 2019, Volume 6, Issue 2.

### **Personal Details:-**

- **Date of Birth** : 2<sup>nd</sup>sept, 1994
- **Gender** : Female
- **Marital Status** : Married
- **Nationality** : Indian
- **Languages Known** : Marathi, English, Hindi
- **Permanent Address** : 10, Shanti Niketan society, near Transport Nagar,  
Jalgaon (425001).
- **Declaration :-**

I hereby declare that the contents of my resume are accurate to the best of my knowledge and verify their authenticity.

**Date:**

**Place:** Jalgaon

(Harshal K.Chaudhari)

