# OMPRAKASH L. KUSHWAHA

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## CAREER OBJECTIVE:

To work in learning and challenging environment, utilizing my skill and knowledge to be the best of my abilities and contribute positively to my personal growth as well as growth of the organization.

## PROFESSIONAL WORK EXPERIENCE:

| COMPANY/INSTITUTE NAME | DESIGNATION | JOINING DATE | EXPERIENCE |
|---|---|---|---|
| V.J.T.I | Assistant Professor (Adhoc) | 20-07-2021 | - |
| Energy Basket | Project Engineer | 25-07-2019 | 13 Month |

## EDUCATIONAL SUMMARY:

I completed my 4-year Bachelor's degree in Electrical Engineering from Priyadarshini College of Engineering, Nagpur and also completed my 2-year Master's degree in Control System Engineering from Veermata Jijabai Technological Institute, Mumbai.

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|---|---|---|---|
| M.Tech | 2017-2019 | V.J.T.I | 7.42 CGPA |
| B.E | 2012-2016 | R.T.M.N.U | 7.34 CGPA |
| HSC | 2012 | MH-BOARD | 59% |
| SSC | 2010 | MH-BOARD | 80.91% |

## PROJECT DETAIL:

**M.Tech:**

**Title: FOC controller based speed regulation of induction motor.**

Description:

- In this project I have done mathematical modeling of vector controller with SVPWM for speed control of induction motor and successfully control speed of induction motor. FOC method is more efficient as compare to other controlling scheme for induction motor to get advantages of dc motor.
- **I published a research article ,"FOC Controller Based Speed Regulation of Induction Motor" in International Journal of Statistics and Reliability Engineering Vol. 6(2), pp. 172-175, 2019 (ISSN(P): 2350-0174 ; ISSN(O):2456-2378) and the publisher was Indian Association for Reliability and Statistics (IARS).**

**B.E:**

**Title: Modeling and simulation of WIND-PV Hybrid power system for standalone application using MATLAB/SIMULINK.**

Description:

- Here we studied hybrid power plant by using combination of photovoltaic cell energy and wind energy generation. We did mathematical modeling of photovoltaic cell energy and wind energy generation in MATLAB and then we simulate this two-model using MATLAB.

- Using MATLAB we have obtained the output result of PV-WIND Hybrid power plant.

**PROFESSIONAL TRAINING:**

Successfully completed 4 weeks vocational training from 12 June 2015 to 02 July 2015 at "**KORADI TRAINING CENTRE"**, koradi, Nagpur-441111.

**COMPUTER PROFICIENCY:**

- MATLAB/SIMULINK
- Microsoft office and Microsoft power point (MS-CIT).

**STRENGTHS:**

- Strong technical and methodical aptitude with multitude of talent and innate ability to analysis, co-ordinate and manage team.
- Strong, articulate communicator both oral and written, strong team member able to motivate others.
- Interface effectively with co-workers.
- Ability to deliver in challenging conditions.
- Discussing and interacting with people.

**PERSONAL DETAILS:**

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|---|---|
| Name: Omprakash L. Kushwaha | Gender: Male |
| Date of Birth: 3rd October 1994 | Language known: English, Hindi, Marathi |
| Father's name: Lalaram R. Kushwaha | Mother's name: Rajuliya L. Kushwaha |
| Permanent address: Plot no: 77, Sai nagar, near madhi mandir, ghorpad, at post Ajni,Tehsil: Kamptee, District: Nagpur, State: Maharashtra, Pin code: 441401. | |

**DECLARATION:**

I hereby solemnly declare that the above-mentioned information is true and best of my knowledge.

Date: Omprakash L. Kushwaha

Place: