

CURRICULAM VITAE

Miss. Manali Sanjay Jugale

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Qualifications: M. Tech in Power Systems & Power Electronics



OBJECTIVE:

To utilize and implement my technical skills and knowledge in the industry by fulfilling organizational goals while being resourceful, hardworking and flexible.

SUMMARY:

- A multi-tasking professional with belief in putting 100% effort.
- A good Team player. Can be a leader and also can be a follower whenever required.
- Believe in logical thinking and analyzing situations to find solutions to problems.
- Quick learner. Can grasp things very quickly and efficiently.
- Passionate about work.
- A very good hand on MATLAB simulink software.

WORK EXPERIENCE:

INDUSTRIAL EXPERIENCE: 2.3 YEARS

Company Details – Lucas TVS, Pune & OEN PVT LTD, Pune

Designation – Quality auditor in TVS company & Quality controller in OEN company

Duration: 1yr in TVS & 1.3 yrs in OEN company

Brief Responsibilities:

- Monitoring & controlling of characteristics at stage inspection in process Machining.
- Find out the rejection reasons and analyze it.
- Inspection at stage as well as the final stage inspection.

TEACHING EXPERIENCE: 3 YEARS.

College Name: TKIET polytechnic, warananagar, Tal-panhala, Dist-Kolhapur

Duration: 1.5yrs

College Name: Ashokrao mane polytechnic, Vathar

Duration: 0.5yrs

Designation: Lecturer

College Name: Sharad Institute of technology college of engineering, Yadrav

Duration: From 21st july 2025 to till date

Subjects Taught:

1. Energy Conservation & Audit
2. Maintenance in electrical engineering
3. AC machines

4. Emerging trends in electrical engineering
5. Electrical power generation
6. Fundamental of electrical engineering
7. Basic electrical & electronics
8. Basic electrical & electronics
9. Electrical measurements
10. Introduction to IOT
11. Analog and digital electronics
12. Lighting system design

Responsibilities Handled:

- Member of Institution's Innovation Council. (IIC's)
- Departmental NBA Criterion II Coordinator
- Departmental NAAC Criterion I Coordinator
- Industrial Visit Coordinator
- Expert Lecture Coordinator
- Departmental academic Coordinator
- Worked in admission cell department
- Worked as a class teacher
- Lab In charge
- Dead stock committee coordinator
- Maintenance committee coordinator
- Technical event coordinator
- Student and staff chapter coordinator
- Result analysis coordinator

COMPUTER SKILLS:

- Operating system: Windows XP, Windows 7, Windows 8, Windows 10.
- MATLAB Simulink, Labview

FDP ATTENDED:

- Attended FDP on topic "Women in Engineering : Exploring emerging technologies for a smarter future" organized by the WIE, IEEE Subsection Silchar Subsection.
- Attended FDP on topic "Next-Gen AI Tools for Multidisciplinary Research" organized by SITCOE, Yadrav

PUBLICATIONS:

- Jugale, Manali S., Chandrakant L. Bhattar, and Rajnikant A. Metri. "Fuzzy Logic Based Power Management for Electric Vehicle Infrastructure In DC Microgrid." *2025 International Conference on Future Technologies (ICFT)*. IEEE, 2025.
- Manali S. Jugale(B) , Upama Das, Sakshi Vedpathak, Sakshi Jadhav, Buddha Korvi, Nikita Zadage, Mangesh S. Kulkarni, and Pallavi B. Patil "Active Noise Cancellation System Using Edge Device" Volume 9 (Chapter 23, 978-3-032-27153-2, 688168_1_En)s

ACADEMIC DETAILS:**MASTER OF TECHNOLOGY (POWER SYSTEM AND POWER ELECTRONICS)****University** : Shivaji university, kolhapur**College** : RIT, Islampur

M. Tech	YEAR	CPI
1 st Year	2024-25	9.49
2 nd Year	2025-26	9.51

BACHELOR OF ELECTRICAL ENGINEERING: 2013 to 2017**University** : Shivaji University, Kolhapur**College** : Government college of engineering, Karad

COURSE	YEAR	% Marks	Details
B.E	2016-17	68.68	First Class with distinction

PRE ENGINEERING QUALIFICATIONS:

CLASS	YEAR	% Marks	Details
12 th (H.S.C.)	2012-2013	82.67%	First class with distinction
10 th (S.S.C.)	2010-2011	94.73%	First class with distinction

PROJECT NAME

- Automatic working of circuit breaker in neutral section of traction system {BE Project}
- Fuzzy logic based power management with EV infrastructure in DC microgrid

CO-CURRICULAR ACTIVITIES:

1. Worked as committee member of Technical Activities in EESA. (Electrical Engineering Students Association)
2. Active participation in sport's & culture activity at college level.

PERSONAL DETAILS:**Name** : Manali Sanjay Jugale**Nationality** : Indian**Strength** : Self-confidence, good listener.**Hobbies** : Listening music, playing.**Languages Known** : English, Hindi and Marathi.**Date of Birth** : 5th October,1995.