

CURRICULUM VITAE

Ms. Urmila Mewalal Mathure

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Career Objectives

Seeking assignment with an organization of repute in the field of Electrical Engineering.

Career Contour

Mar 2022 –Till date with K. V. N. Naik SPS' Loknete Gopinathji Munde Naik Institute of Engineering, Education & Research, Nashik, Maharashtra India as Assistant Professor

- ✦ Promoting the development and implementation of the institute's teaching, curricular and research programs. Counseling students on career choices and enable them to take appropriate decisions.
- ✦ Guiding & mentoring the students in executing various academic/industry projects.
- ✦ Scheduling & executing training programs for students.
- ✦ Teaching the students Theory/Practical of Control System Engineering, High Voltage Engineering.
- ✦ Scheduling & executing training programs.

Academic Credentials

Degree	University/Board	Year of passing	Percentage/SGPA
S.S.C	State Board	2012	91.02
H.S.C.	State Board	2014	62.84
B.E.	S.P.P.U	2018	73.20
M.E. (1 st yr)	S.P.P.U	2020	8.640
M.E. (2 nd yr)	S.P.P.U	2021	8.7

Research project: (B.E.)

Organization: K.K. Wagh institute of Engineering Education and research, S.P.P.U, India

Duration: July 17- May 18

Designation: Research Project Student

Project Title: IOT Based Real Time Monitoring & controlling of Transformer Parameters.

Coverage: Designing of a model to monitor and control transformer parameters using sensors, relay and Arduino controller.

Research project: (M.E.)

Organization: Gokhale Education Society's R. H. Sapat College of Engineering, Management and research, Nashik, S.P.P.U, India.

Duration: June 20- May 21

Designation: Research Project Student

Project Title: Maximum Efficiency Point Tracking in wireless Power transfer system using Pulse Density Modulation

Coverage: Designing of a simulation circuit model to monitor the maximum efficiency in wireless power transfer system using pulse density modulation.

Technical Skills and competence

Softwares: Matlab (basics) and Autocad (basics)

Internships

- 6 days infield training at “MAHATRANSCO, Nashik”.
- 10 days training at “POWERINST ELECTROMAGNETS Pvt. Ltd, Nashik”

Extra Curricular Activities

- Participation in 2 day workshop on ‘Renewable Energy Systems: Design and Challenges’ on 9th & 10th august 2019 at R. H. Sapat College of Engineering Management & Research, Nashik.
- Participation in 2 day **National level seminar** on ‘Energy Storage Systems: Design & Challenges’ on 24th & 25th January 2020 at R. H. Sapat College of Engineering Management & Research, Nashik.
- Active Participation in organization activities of **Karmaveer Expo** – a National level working model competition held at KKWIEER, Nashik.
- Active member, volunteer & organizing committee member of NGO – ‘**Swapnapurti Foundation**’.
- **COMPUTER KNOWLEDGE:** Having basic knowledge of computer and certified with MS-CIT course by MKCL MUMBAI. In June-2012 (92%)
- Participated in 5 days **DST-INSPIRE SCIENCE CAMP** organized by LATE G.N. SAPKAL COLLEGE OF ENGINEERING.

Presentations

- Delivered seminar on the topic called “**LIGHT EMITTING POLYMERS**” in **Karmaveer Expo-2016**.
- Delivered seminar on the topic called “**IOT Based Real Time Monitoring & Controlling of Transformer Parameters**”.
- Presented paper on “**Simulation of Maximum Efficiency Point Tracking in Wireless Power Transfer Systems Using Pulse Density Modulation**” at **J N N College of Engineering Shivamoga, Karnataka IEEE 3rd international conference on MPCIT 2020**.

Publications

- **U. M. Mathure, R.V.S. Ramkrishna**, “Simulation of Maximum Efficiency Point Tracking in Wireless Power Transfer Systems Using Pulse Density Modulation” published in IEEE journal, 3rd international conference on multimedia processing, communications & information technology (MPCIT) 2021.

DOI: 10.1109/ MPCIT51588.2020.9350475

Personal Details

Date of Birth : 28 October 1996

Gender : Female

Marital status : Single

Linguistic Abilities : English, Hindi, Marathi, Mathura Banjara

Strengths

- Self-motivated with positive attitude
- Team working
- Effective at prioritizing tasks to achieve deadlines.

Reference

1. Mr. Y. S. Pawar

(H.O. D.)

Dept. of Electrical Engineering,

K. V. N. Naik SPS' Loknete Gopinathji Munde Naik Institute of Engineering,

Education & Research, Nashik.

Declaration

I hereby declare that all the information furnished above is true and correct as per best of my knowledge and belief.

Place: Nashik

Date: / / 20

Urmila Mewalal Mathure.