

CURRICULUM VITAE

Mrs.Apurva R. Deshmukh-Waikar

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WORK EXPERIENCE: 8.10 years (Industry: 2.8 years, Academic: 3.4 years, Research- 2.10 Years)

OBJECTIVE

To work with an organization where I will get opportunities to apply my knowledge and improve my skills that are required to grow in the corporate world and go for the height of achievements.

AREAS OF EXPERTISE

Last Designation: Worked as Junior Engineer (Electrical) in NAHEP CAAST VNMKV, Parbhani

Industry:

- Give Training on PLC, SCADA, HMI
- Programming PLC- Ladder Logic Development.
- Development of SCADA and HMI.
- Program installation and commissioning

Academic

- Worked as Lecturer in Electrical Department
- Officer In charge for MSBTE Exam
- Lecturer for Assistant Electrician course in PMKVY
- Academic coordinator
- Time Table in charge
- Project coordinator
- Cultural Activity coordinator, Innovation Cell
- Lab In charge of Electrical Measurement Lab
- Class Teacher and GFM of class

Research Center

- Worked as Junior Engineer in Electrical Department
- Actively participated in procurement process
- Working for copyright of multipurpose operational tool attachment to noped electric vehicle
- Working for 4 Journal publication of NAHEP Centre, one journal title verification completed
- Handled different cameras, Spectroradiometer
- Helped to 11 PhD students for formulation of their research work

- Organized 20 online training and webinar during pandemic
- Prepared Proceedings of trainings
- Actively participated in MOU process
- Published 5 Marathi research articles in Agro won and 2 English articles in Just agriculture
- Published review paper in IRJET journal volume 8, Issue-8 on “**Automatic Multiwheel drive kit for Electric vehicle**” pp.3308-3311
- Published research paper in IJAEM, volume 3, Issue 12 on “**Spray Painting robot with low cost automation**” pp.1408-1416
- Abstract published in 5th International conference on Advances in agricultural technology and allied science during 4-5 June 2022 at Centurion University Odisha on “**Artificial Intelligence based biotic stress perception: A new paradigm of integrated pest and disease management**”

PROFESSIONAL PROFILE

Industry

- Company Name: - Ellantra Automation Pvt. Ltd, Aurangabad.
- Industry type : - Recognized System Integrator of Rockwell Automation
- Designation : - Automation Trainer
- Duration : - June 2012 –Jan 2015 (3Yr)

College

- College Name: -C.S.M.S.S College of Polytechnic, Kanchanwadi, Aurangabad.
- Designation :- Lecturer in Electrical Department
- Duration : -Feb 2015 to 3 March 2016

College

- College Name: -Late Haribai warpudkar Polytechnic, Parbhani.
- Designation :- Lecturer in Electrical Department
- Duration :- 1 June 2016 to 20 May 2017

College

- College Name : Sitaramji Mundada Marathwada Polytechnic, Parbhani
- Designation :- Lecturer in Electrical Department
- Duration : -21 June 2016 to 10th October 2018

Research Center

- Name of center: NAHEP CAAST DFSRDA, VNMKV, Parbhani
- Designation :- Junior Engineer in Electrical Department
- Duration :- 9 March 2020 to Present

PRIME RESPONSIBILITIES

Industry:

- Conducted training sessions on PLC, SCADA and HMI for working professionals and students.
- Conducted seminar for colleges
- PLC, SCADA, HMI programming, onsite and offsite.
- Execution of turnkey projects.

College:

- Taught various subjects of Electrical branch viz. PEL, BEE, EDP, IIN,

Project(PRO),ECN,EEM,EEN,FEE

- Having Paper checking Experience of RAC(TDE,IIN,BEE,PEL,BEM,ECN,EEM)
- Worked as Academic coordinator for Electrical Branch
- Worked as Time Table In charge
- Worked as MSBTE comity coordinator.
- Officer In charge for MSBTE Examination

ACADEMIC PROFILE / CERTIFICATIONS

- Master of Engineering in Electrical and power system- Dr. Babasaheb Ambedkar Marathwada University with [Distinction-CGPA-8.46]
- Bachelor of Engineering in Instrumentation – Dr. Babasaheb Ambedkar Marathwada University [Distinction – 68.5%]
- H.S.C – Aurangabad, Maharashtra Board. [Distinction – 75.5%]
- S.S.C – Aurangabad, Maharashtra Board. [Distinction – 81.6%]
- In-plant training in instrumentation Department, Wockhardt Ltd. Biotech Park, Waluj, Aurangabad for one month.
- Industrial Automation course in Krish Infotech for 2 months.
- Completed One week online training on “**Introduction to MATLAB and its applications in climate smart agriculture**” organized by NAHEP CAAST,MPKV,Rahuri
- Completed One week online training on “**Fundamentals of Drone technologies for Agriculture**” organized by NAHEP CAAST,MPKV,Rahuri
- Completed One week online training on “**Fuzzy Logics and its applications in climate smart agriculture**” organized by NAHEP CAAST,MPKV,Rahuri
- Completed one week **PLC programming** organized by Udemy
- Completed one week **Robotics depth programming** organized by Udemy
- Completed short term course on **Electric vehicle evolution-Impact on Power Grid** organized by AICTE
- Completed one week online Faculty development Programme on “**Modern approach in Electrical Engineering**” organized by MGM collage of Polytechnic, Aurangabad
- Completed two week training in IIT Khragpur on **Digital image processing and computer vision for crop health monitoring**

PROJECTS

- **Academic project**

1. Automatic water supply system:

This project was based on PLC programming in which solenoid valves are used for equal distribution of water to each reservoir.

2. An Automated safe hybrid energy based On Board Charging Station using an Intelligent Controller

This project based on MATLAB simulation model where CCCV technique is used for maintaining safety of system

- **Industrial projects**

- 1. Parallity checking**

- This project developed in Gajanan industry. In this project parillity of job was checked automatically.

- Project Responsibilities: -**

- ☞ Electrical wiring drawing
 - ☞ Panel Designing
 - ☞ PLC & HMI Programming
 - ☞ Installation and commissioning

2.

- Inner Diameter checking**

- This project developed in Gajanan industry. In this project Inner diameter of job is checked automatically.

- Project Responsibilities: -**

- ☞ Electrical wiring drawing
 - ☞ Panel Designing
 - ☞ PLC Programming
 - ☞ Installation and commissioning

PERSONAL DETAILS

Name: - Mrs. Apurva Rajkumar Deshmukh-Waikar

Gender: - Female **Marital Status:** Married

Languages known:- Marathi, Hindi, English

Hobbies:-Reading Books, listening music, Playing Badminton

DECLARATION

I am confident on my ability to work in a team. I hereby declare that the information furnished above is true to the best of my knowledge.

(Mrs.Apurva.R.Deshmukh-Waikar)