

RESUME

Deepshikha Vinesh Sarjare

BE-ECE, ME-ECE

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Career Objective

To begin my career at eminent educational institute and to get exceptional career move ahead through long efforts and performance regularity. Looking forward to build my career by utilizing all opportunities to implement my skills and knowledge in order to pursue a long term relationship with the organization.

Technical Skills

- Fundamental concepts of Electronics devices and circuits.
- Basics of Electrical Engineering.
- Basics of Analog and Digital communication Engineering.
- Knowledge of „C“ , MS Office
- CCNA

Academic Qualification

- SSC passed in March 2000 from KTR School, Nagpur with First class (68.20 %)
- HSC passed in February 2003 from SCS Girls Junior College, Nagpur with Second class (57.67 %)
- Bachelor's Degree (BE) in ECE Engineering from MIT, Aurangabad, (Dr.Babasaheb Ambedkar Marathawada University) with First class (60%) in May 2013.
- Masters' Degree (ME) in ECE Engineering from ACET, Nagpur (Rashtrasant Tukadoji Maharaj Nagpur University) with First class (71%) in August 2019.

EXPERIENCE-1

As a guest lecturer on period basis for two years (2014-2016) in 'Abha Gaikwad Patil Engineering College, Nagpur'. If Given opportunity I promise to perform even better and consistently improve myself and give my best.

EXPERIENCE-2

Currently working as an Asst. Professor in Computer Science dept. of B.Sc. (CS) in **Asmita Women's College Vikhroli**.

EXPERIENCE-3

Currently working as an Asst. Professor in **Computer Science dept. of B.Sc. (CS) and IT Dept. of B.Sc IT I Bhavana Trust Degree 7 Junior College of Science And Commerce. Chembur**

Academic projects:

The following project is done as a part of curriculum in M.tech

Project Title: Brain tumor MRI image segmentation and detection in image processing

Organization: Anjuman college of Engineering & Technology, Nagpur

Description:

Image Processing is an active research area in which medical image processing is highly challenging field. The project proposes the segmentation of brain MRI image using local binary pattern algorithm followed by morphological filtering which avoids the misclustered regions that can inevitably be formed after segmentation of the brain MRI image for detection of tumor location. The objective of this work is to present a fully automated system which includes zero interference of physicians or we can say technicians to detect the presence of tumor in brain. The system must be accurate up to the level. It must consume as least as possible time to compute the image for presence of tumor so that the patient can be provided with appropriate treatment.

The following project is done as a part of curriculum in B.E

Project Title: Object sorting using color sensor

Organization: Marathwada Institute of Technology, Aurangabad

Description:

Object Sorting using Color Sensor with the use of 1185 color sensor IC and Atmega 32microcontroller, this project explores the possibility of creating the programming that can sort RGB colors. In this project, the main objective is to create the program that can identify red, green and blue color and fabricate the mechanical system to identify these colors by using a conveyer. The 1185 color sensor senses Red, Green and Blue light and converts them to digital value.

EXTRA CURRICULAR ACTIVITIES

- ❖ Actively participated in inter collegiate paper presentation competition during B.E. The topics were "Smart Dust and "Cloud Computing".
- ❖ Published paper in International Journal on K-mean clustering in April 2019 in Journal of Emerging Technologies and Innovative Research.

PERSONAL DETAILS

Name: Deepshikha Vinesh Sarjare

Date of Birth: 18th September 1984.

Marital Status: Married

Languages Known: English, Marathi, and Hindi.

Nationality: Indian

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I certify that the foregoing information is correct and true to the best of my knowledge and belief.

(Deepshikha Vinesh Sarjare)

