Mrs. Supriya C. Deshpande

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Career Objective:

To contribute as a teacher in field of education and work for growth and welfare of the students.

Educational Qualifications:

Examination	College/University	Year of Passing	Percentage/CGPA
M.Tech (VLSI Design)	Yeshwantrao Chavan College Of Engineering, Nagpur (An Autonomous Institution Under UGC Act 1956)	2017	7.23(CGPA)
B.E (Electronics and Telecommunication)	Ramdeobaba College Of Engg. and Management (RCOEM), RTMNU	2014	55.97%
HSC (Computer Science)	Shivaji Science College,Nagpur (Maharashtra Board)	2009	73.17%
SSC	Somalwar, Ramdaspeth, Nagpur (Maharashtra Board)	2007	78.30%

Experience:

20TH OCTOBER 2020 TO PRESENT :

CODING INSTRUCTOR, WHITEHAT JR.

- Teach Block based coding and mathematics to 3rd-4th standard students.
- Engaging and fun learning for kids through various ways.
- Always more than 4.5 rating from students.
- Certified Globalization skills

18TH JUNE 2018 TO 15TH JANUARY 2020 :
ROBOTIC TRAINER, NEOROBOS ROBOTIC CENTRE.

- Taught as a robotic trainer to kids age from Nursery to 8th Standard.
- Worked on Lego kits, Arduino, 3D printer, Tinker CAD, MIT, Scratch.
- Lead the junior team in First Lego League 2020 and won the Innovative Project award.

Projects Undertaken:

1. **Design and Implementation of Low Noise Amplifier for Ultra-wideband Applications** (Team Size: 1, one year)

This M.Tech project involved designing and implementing a Low Noise Amplifier for ultra-wide-band applications using the 'Cadence Virtuoso' software. It enhances the quality of an amplifier by increasing Gain.

2. **2nd level Decomposition of Discrete Wavelet Transform using MATLAB** (Team Size 6, one year)

The project was designed using Discrete Wavelet Transform for compressing image where the disc space required for storage and bandwidth required for transmission is reduced. It is possible to transmit images at high speed. Image can be reconstructed back to original image. We used MATLAB software for Discrete Wavelet Transform functions.

3. **Temperature Monitored Fan (**Team Size: 4, four months)

The project used microcontroller AT89C2051 to control the fan on sensing the temperature through a sensor. We programmed the microcontroller to operate the fan above 5V.

Technical Skills: Basics of Cadence (Certified), Basics of 'C' language (Certified), Basics of Arduino.

Research and Publication:

- Paper published in IOSR (International organization of Scientific Research) Journal on 5th May 2017.
- Workshop attended on "VLSI Design using Cadence Tools" (8th – 12th August 2016, organized by Y.C.C.E, associated with Entuple Technologies Pvt. Ltd. Bangalore).

Other Activities:

- Completed the 6 months Home study course in Ornithology – Intermediate level from December 2017 to May 2018 conducted by the Institute of BIRD STUDIES and Natural History, Rishi valley education centre.
- Green Ambassador (member) of REEF (Shri Ramdeobaba College Engineers for Environment Forum) from last 5 years. Active as alumni (Advisory role).
- Member of Shivmudra Dhol-tasha Pathak from 2016.
- Lead the installation ceremony of REEF in 2013.
- Participated in Pakshi-mitra Sammelan in January 2013.

Strengths:

- Learning from failures to get better
- Manage stress
- Team player and ability to achieve team goals
- Adjusting
- Hard working

Hobbies and Interests:

- Bird watching
- Chess
- Badminton
- Social work
- Musical instrument player

Place : Nagpur **Supriya Kawadkar Deshpande**