



Dr. D.Y. Patil Vidyapeeth's
**Dr. D. Y. Patil Biotechnology
and Bioinformatics Institute**

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Career Objective: To secure challenging position in educational institute and utilize my teaching skills.

PROFESSIONAL EXPERIENCE

- Currently working as Lecturer at D Y Patil biotechnology and bioinformatics Institute , Tathawade, Pune
Subjects: Basic Electronics, Analog integrated circuit, Digital electronics, Computer Networks, Mathematics, Engineering Mechanics
- 1.5 years of teaching experience at Yashaswi Institute of technology, Cinchwad, Pune
Subject taught: Basic Electronics, Digital System, and Applied Science
- 1.5years of teaching experience at Saptarshi Coaching institute, Pune
Subject taught: Science, Math's, Physics, and Chemistry

ACADEMICS

Master of Engineering in Electronics and telecommunication with Distinction from Pune University.

Education:

Examination	Year of Passing	Name of Institute	Key skills / Subjects	Percentage
ME	2015	Dr. D. Y.Patil College,Pimpri	Communication Networks	8.02 CGPA
SCTS	2012	SEED Infotech,Pune	C#.net,ASP.NET,C,C++, PL-SQL	70%
B.E.	2010-11	Cummins college of engineering, Pune	VLSI,Embedded Systems,DSP,Digital Electronics	61.23%
H.S.C	2006-07	Bharat College ,Buldana	-	88%
S.S.C	2004-05	Bharat Vidyalaya,Buldana	-	87.60%

TECHNICAL SKILLS

Programming Languages: C,C++,PL-SQL,C#.net,ASP.NET,assembly languages

Also efficient in MATLAB, Active HDL, embedded C-programming.

Projects at SEED InfoTech:

1. **.Net Project:** Designed website for Online Book Store.
Technology used: ASP.NET
2. **C Project:** Institute management software for educational institute.

EDUCATIONAL PROJECT PROFILE

- **Project Work:**

ME project: Zig Bee based wireless sensor network

Objective: Main aim is to define a new routing protocol ESTR and to find optimal routing path in Zig bee based WSN and improve the performance in case of packet delivery ratio,End to end delay, throughput and routing load.

Technology: wireless sensor networks

Software: NS2

Publication: Extended shortcut tree routing for Zig Bee based wireless sensor networks is

Published in Ad- hoc networks (Elsevier)

BE Project: Automatic Coding System for Answer Papers

Objective: Digitalization of current examination system to avoid Human Errors

Technology: Digital image processing

Software: Mat lab

- **Description:**
- Masking of front page details except course/paper number
- Extraction of required answer paper code.
- Comparing the extracted code with all codes from database by using PC.
- Printing and pasting the subject code on the bundle.

TRAINING

Completed SCTS (SEED Certified Technology Specialist) training course from SEED InfoTech, Pune

CO-CURRICULAR ACTIVITIES

- **Co-curricular Activities:** Attended solar robotics workshop
- **Extra Curricular:** Passed 3rd level of Classical music held by Gandharva Sangit Vidyalaya .
Part of kho-kho team at high-school level. Won 2nd prize at state level inter school Competition.

PERSONAL DETAILS

Date of Birth : Dec. 21st, 1989
Languages Known : English, Hindi, Marathi and Sanskrit
Gender : Female
Marital Status : Married
Nationality : Indian

Ms. Rashmi Deshpande Pathe