Pratik Mehta

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CAREER OBJECTIVE:

To be a part of an organization that through its efforts brings about development in the society in an eco-friendly manner. Also would like to be a part of efforts which introduce new cost-effective technologies to the public. I have always dreamt of being a part of efforts that change my outlook and open new avenues for the service of others.

COMPUTER SKILL:

- **SOFTWARE SKILLS:** Core JAVA(SEED Certified), Advance JAVA(SEED Certified), Enterprise JAVA,C,MATLAB, HTML, SQL
- **OPERATING SYSTEM:** Windws XP, vista, 2000, 7 .

EDUCATIONAL QUALIFICATION

M.E. (VLSI & Embedded) from Pune University

EDUCATIONAL QUALIFICATION:

Degree	Year of passing	Percentage (Class)	University/ Board	School/College
M.E E&TC Engineering	2015	7.22 (C.G.P.A) (First Class)	Pune	Sinhgad Academy of Engineering, Pune University
B.E E&TC Engineering	2012	59.33	Pune	Sinhgad Academy of Engineering, Pune University
HSC	2008	75.16(Distinction)	State Board	SMV Jr. College, Yeola
SSC	2006	77.86 (Distinction)	State Board	SMV High School, Yeola

PROJECT DETAILS:

M.E. PROJECT

ARRHYTHMIA DETECTION USING WAVELETS AND NEURAL NETWORK – In case of medical emergency, ECG signal can be used as it contains a useful amount of clinical information. To detect abnormalities related to heart known as arrhythmia, wavelet transform can be applied for extracting features related to health information and it can be classified with the help of the neural network techniques using MATLAB as a processing tool. It focuses on detecting the heart impulse and distinguishing it from the surrounding and displaying the heart rate of the subject.

B.E. PROJECT

SKINPUT - It is a technology that appropriates the human body for acoustic transmission, allowing the skin to be used as an input surface. We used this technique to collect signals using an array of sensors worn as an armband.

T.E. PROJECT

DESIGNING AND MANUFACTURING OF MICRO-STRIP ANTENNA- This system was built to work on 850-900 MHz frequency band. We design it using Harmstard formula Compared with conventional antenna's, micro-strip patch antennas have more advantages and better prospects. They are lighter in weight, low volume, low cost, low profile, smaller in dimension and ease of fabrication and conformity.

ACTIVITIES:

- VLSI, Image Processing (National Level), Embedded programming (National Level)and GPS(IETE) Workshops
- College magazine (been part of the one that won 1st prize in Pune University in 2010, 3rd prize in 2011-both in Pune division & also 4th in the entire University in 2012)
- Runner-up in college's Snap-Hunt competition
- Runner-up in table tennis match at state level

HOBBIES:

- Playing table tennis, cricket
- Like to listen music
- Like action and sci-fi movies
- Have a small collection of songs which mostly comprise of Rock and Rap.