

JYOTI J JADHAV

BE (E&TC Engineering)

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Carrier Objective

To be associated with a firm that provides me an opportunity to grow by acquiring new skills and thus contributing towards the development of the firm and myself.

Academic Credentials

Sr. No.	Exam	Institution	University	Year	Percentage
1	B.E.	MIT Academy of Engineering, Pune	Pune University	2013-16	73.26%
2	Diploma	Brahmadevdada Mane Polytechnic (BMIT), Solapur.	MSBTE	2010-13	84.51%
3	SSC	Sant Dnyaneshwar Prashala, Solapur.	MSB	2009-10	81.27%

Academic Projects Undertaken

1. Project on 'Heart rate Monitoring System'

Summary: A heart rate monitor is a personal monitoring device that allows one to measure one's heart rate in real time. Heart-rate signals were collected from finger using Infrared Transmitter and Receiver pair module which was amplified in order to convert them to an observable scale. The inherent noise signal was then eliminated using a low pass filter. These signals were counted by a microcontroller module (PIC18F4520) and displayed on the LCD panel.

2. Final year Project on 'GSM Controlled Motor Using DTMF'

Summary: This project is used to monitor and control the direction of the DC and Stepper motor using a mobile based controller.

The system can generate a control signal through a Global System for Mobile (GSM) communications modem by Dual Tone Multi-Frequencies (DTMF) techniques to drive the motor movements. The motor receives this DTMF tone with the help of the phone which is processed by the microcontroller with the help of DTMF decoder. The microcontroller then transmits the signal to the motor driver ICs to operate the motors.

Technical Skill

- Operating Systems : Windows 98 onwards
- Programming Languages : C, C++
- Software : Mat lab, Lab view, Latex

Extra-Curricular Activities

- Participated in Workshops like Lab view, Embedded System Design, Latex, Business Communication conducted by MIT Academy of Engineering, Pune.
- Participated in Texas Instruments India Analog Maker Competition held by MITAOE
- Participated as a coordinator in National Level Conference (UGCON), volunteer in Mehendi Competition conducted by MITAOE, Pune.

Personal Profile

Name	:	Jyoti Jagannath Jadhav
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