

Mrs. Yogini Ketan Bagade

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981-909-7590
Andheri (East), Mumbai, India

To succeed in an environment of growth and excellence and earn a job which provides me job satisfaction and self-development and help me achieve personal as well as organizational goals.

EXPERIENCE

Lecturer

V.P.M. Polytechnic, Thane

16 Dec 2022 – till date (Full time)

Deliver scheduled lectures and practicals to First and second year students. Evaluated the students individually, to identify areas of difficulties. Prepared and delivered lectures Digital electronic and Microcontroller, Elements of Electronics, to undergraduate students.

K.J. Somaiya polytechnic, Mumbai

July 2010 – March 2011 (Full time)

Dec 2014 to 18 May 2015 (Full time)

June 2017 to Dec 2022 (Part time)

Deliver scheduled lectures to third and second year students. Evaluated the students individually to identify areas of difficulties. Prepared and delivered lectures on C Programming, C++ Programming, Digital electronic, Basic electronics, Power electronics to undergraduate students.

Lecturer

Shah And Anchor Kutchhi polytechnic, Mumbai

June 2016 – May 2017 (Full time)

Deliver scheduled lectures to third year students. Prepared and delivered lectures and take practical's on Digital communication, advanced communication system, to undergraduate students.

SUBJECT TAUGHT

- C Programming
- C++ Programming
- Digital electronic
- Microcontroller 8051
- Basic electronics
- Power electronics
- Digital communication
- Advanced communication
- Advanced Microprocessor
- Linear integrated circuits

- Basic Electrical Engineering
- Electrical machine
- Control system

SKILLS

- Languages: Assembly Language, C, C++, Visual Basic. Database: Oracle
- Operating System: Windows.
- Computer Basics: MSCIT (Word, PowerPoint, Excel, Outlook)

EDUCATION

- Master of Engineering in Electronics Engineering
Shivaji University, Tatyasaheb Kore Institute of Engineering & Technology, Kolhapur.
2015
- Bachelor of Engineering in Electronics Engineering
Shivaji University, Rajarambapu Institute of Technology, Islampur
2006
- Diploma in Electrical Engineering
MSBTE, Walchand college of Engineering, Sangli.
2002

ACADMIC RECORD

- 67.89% in M.E. Electronics (first class)
- 69.25% in B.E. Electronics (first class with Distinction)
- 63.90% in Diploma in Electrical Engineering (first class)
- 62.40% in S.S.C. (first class)

ACADEMIC PROJECTS

M.E.Project

Brushless CD Motor speed controller using DSP Processor:

In this project speed control of permanent magnet brushless dc motor is done using DSPIC30F4011 DSP controller. The DSP controller used here has the special features for motor speed control. Control algorithms used for the speed control has been implemented by C language programming in DSPIC30F4011 DSP controller. According to the input command, feedback and the control algorithm, the PWM pulses for each phase is generated by the DSP and is given to the MOSFET driver. The output of the driver is 6 independent PWM pulses that have to be given to the corresponding gates of the six MOSFETs power switches used in the three-phase bridge inverter whose output is given to the stator of the Brushless DC Motor. The complete system model is simulated in MATLAB/ Simulink environment. Hardware implementation for the speed control has been achieved by programming in the DSP controller DSPIC30F4011.

B.E.Project

Patient Fever Monitoring through Cell phone

Patient Fever is continuously monitoring through this system. Temperature sense by the sensor if the temperature is above the set point then message send to the doctors mobile and alarm is also on.

Thermistor type sensor is used. Microcontroller AT89C52 is used. Communication between Microcontroller and mobile is done by RS232.

Features:

It can be used for monitoring heartbeats, blood pressure.

Diploma Project

Electricity from Solar Energy

Our system generates 230V, 5mA electricity from solar energy. This electricity is stored in battery automatically, at evening time one tube light is on by using this stored electric energy. This tube light remains turn on continuously for eight hours.

PAPER PRESENTED AND PUBLISHED

- "Speed Control of BLDC Motor Using DSPIC30F4011 Processor" in International Journal of Scientific and Research Publications, Volume 5, Issue 7, July 2015 1 ISSN 2250-3153
- "Speed controller of BLDC motor using DSPIC30F4011 processor Approach" has been published International journal of Development Research for Sept 2015, Volume 5 issue 9 online publication under ISSN2230-9926.
- "Brushless DC Motor speed controller using DSP Processor" in International Journal of Engineering Science Invention, ISSN(Online): 2319-6734, ISSN(Print): 2319-6726,volume 2 Issue 6 June 2013
- "Simulation of speed control of BLDC Motor", NATIONAL CONFERENCE ON "Electronics for Rural Development" 07th - 08th JUNE, 2013 (NCETC 13) at R.I.T Sakharale, Islampur.
- Artificial Intelligence Based Stock MarketPrediction Model using Technical Indicators in International Journal of Trend in Scientific Research and Development, Volume 7 Issue 2, March-April 2023.

PERSONALDETAILS

- Address :Chintamani CHS, Bldg. no 8/c/101, Mhada colony, Chandivali, Andheri (East), Mumbai 72
- Date of Birth: 20 March 1983.
- Languages Known : English, Hindi,and Marathi.
- Email Id:yogini.bagade83@gmail.com
- Phone no:9819097590
- Aadhar no:6917 2801 5665
- PAN no:BAZPB6339K

Date

Place Yogini Bagade