

CURRICULUM VITAE

AKANKSHA BHOORASE

[M.Tech – Control and Automation]

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CAREER OBJECTIVE

Seeking a responsible post with an opportunity for professional challenge and growth, to support and enhance co-operative objectives of the organization.

PROFESSIONAL EXPERIENCE

FACULTY

Currently working as a freelancer faculty from **January 2018 to till date**. I have worked as a senior faculty in a very well-known Banking Institute i.e. Mahendra Educational Pvt Ltd Institutes from **August 2015 to December 2017**.

EDUCATIONAL INFORMATION

Bachelor of Engineering in Electronics & Telecommunication (B.E. – ET & T) from Rungta College of Engineering and Technology, Bhilai , passed out in July 2010 and completed Master of Technology in Control & Automation from Institute of Technology, Nirma University, Ahmedabad.

S.NO	DEGREE	SPECIALIZATION	COLLEGE/UNIVERSITY	YEAR OF PASSING	CPI/PERCENTAGE	CLASS
1.	M.TECH	Control & Automation	Nirma University, Ahmedabad	2014	7.757	First with distinction
2.	B.E.	Electronics & Telecommunication	CSVTU, Bhilai (C.G.)	2010	67.95	First
3.	12TH	Maths	CBSE	2006	60.40	First
4.	10TH	General	CBSE	2004	67.40	First

SKILLS LEARNED

Languages Known	C, VHDL
Software's Learned	Matlab, Keil 4, Xilinx, Labview, Scilab
Platform	Win 98, Win XP, Windows Vista, Windows 8
Industrial software's	Simatic manager, RS logix 500, WINCC, WonderwareIntouch

ACHIEVEMENTS

- Presented a seminar on "Cloud Computing" during M.Tech 2nd semester.
- Qualified GATE 2011, many competitive exams like bank po and clerk.
- Won 3rd prize in model competition organized by M.P. Christian College of Engineering & Technology, Bhilai.
- Actively participated in school level cultural events.
- Active member of EYE magazine at RCET.

CURRICULUM PROJECT

PROJECT AT B.E.

Project Title	:	Bit Error Rate Calculation in CDMA
Software	:	Matlab
Duration	:	Jan 2010 – Mar 2010

Description: In this contribution, we propose and study a CDMA scheme which employ time domain spreading. We investigate the achievable performance in the context of minimum bit error rate when communicating over AWGN channel. The project focuses on the design of suitable system with minimum bit error rate.

PROJECT AT M.TECH.

Industrial project at Essar Steel Ltd, Hazira

Project Title	:	Design & Implementation of Process Control Loop for Boiler Steam Pressure using PLC
Software	:	Simatic manager , Matlab-Simulink
Duration	:	May 2013 – Apr 2014

Description

- Led a team of four vocational trainees.
- Interfacing pressure transmitter & flow transmitter with Siemens PLC S7-400
- FB 41 continuous PID of Siemens S7-400 PLC is implemented for controlling pressure of the steam which is generated by boiler drum.

Presentation & Publication:

- Research paper on “Preheating of furnace feed oil using PLC” was selected for oral presentation in ICIAME 2014 & paper will be going to publish in Elsevier,Procedia Technology (SciverseScienceDirect).
- Research paper on “Design and analysis of the prototype of boiler for steam pressure control” was selected for oral presentation in ICMIE 2014 and will be going to publish in IJMER ISSN (Print): 2321-5747.

INDUSTRIAL EXPOSURE

- **Training undergone in B.E.**

Name of Company : Chhattisgarh State Power Transmission Company Ltd.
Duration : 28 days.
Skills Learned : About power Line Carrier Communication.
Description : Generally power lines are used for power transmission from power generating stations to load centers. In Power Line Carrier Communication System, the same power line is used for communication, telemetry & data transfer in addition to power transmission.

- **Training undergone in M.Tech.**

Name of Company : Essar Steels Limited, Hazira
Duration : 40 days.
Skills Learned : Industrial Automation.
Description : PLC training, calibration of SMART devices, Captive Power Plant (18 MW), Hot Briquette Iron Plant, Cold Roll Mill Plant, Steel Melting Plant.

INTERESTS & HOBBIES

Playing Badminton & Carom, Listening & singing songs, Dancing, Sketching.

PERSONAL INFORMATION

Father's Name	:	Mr K.K.Bhourase
Occupation	:	Government Service
Spouse Name	:	Sourabh Shrivastava
Occupation	:	Service
Date of Birth	:	5 April 1989
Sex	:	Female
Marital Status	:	Married

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date:

Place: Bhilai

Akanksha Bhourase