

CURRICULUM VITAE

ABHISHEK CHAUHAN

Vill. - Pouta

Post- Raja kaTajpur

Dist. - Bijnor (U.P.)

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CAREER OBJECTIVE:

To take up a challenging and rewarding job which provides a stimulating environment and ample opportunity to learn, to grow and develop both professionally and personally.

EXPERIENCE:

1. Working as Assistant Professor in REC BIJNOR, Uttar Pradesh from 08/12/2017 till date.
2. Worked as Assistant Professor in MODERN INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE ALWAR, Rajasthan.

EDUCATIONAL QUALIFICATIONS:

- Completed M. Tech. in VLSI DESIGN from NIT Kurukshetra (Haryana).
- Completed B. Tech. in Electronics and Communication Engineering from M.I.T. Moradabad(U.P.) affiliated with Uttar Pradesh Technical University (U.P.T.U.) in year 2012.
- XII from D.I.C. Morna Bijnor (U.P.) affiliated with U.P. Board in year 2008.
- X from D.I.C. Morna Bijnor (U.P.) affiliated with U.P. Board in year 2006.

TRAINING:

From **INDIAN TELECOM INDUSTRY LIMITED MANKAPUR (U.P.)** of duration one month. ITI deals in the communication equipment, note counting machine and various electronics equipment.

COMPUTER SKILLS:

- PSPICE
- VIRTUAL NANOLAB(Atomistix Toolkit)
- NanoMOS
- IC Studio (Mentor Graphics)
- Express PCB
- Cadence- Virtuoso Platform

PROJECT PROFILE:

- **SiCNT Field Effect Transistor(M. Tech Thesis)**
As the size of FET decreases, its performance degrades and after some time it is quite impossible to further scale down the transistor. So new technologies are found out to replace the conventional Si devices and Nanotubes are one of the best methods. SiCNT is very good at high temperature and in harsh environment, so a study of SiCNT FET may be very useful for future aspects.

- **Gesture controlled robot (B. Tech. Final year)**
This robot controlled through a transmitter which is placed on the user's hand. ADXL 335 is built on the transmitter which sense the motion of hand and generate the corresponding x,y,z co-ordinates. These co-ordinates after converting into digital data is given to microcontroller AT89S52 which generates control signals for robot and transmit these signals using 433 MHz RF transmitter. These control signals are received by the robot and given to motor driver L 293D.
- **Home appliances control through RFID(B. Tech. 3rd year)**
6 home appliances are controlled through RF ID. AT89S52 microcontroller, 125 KHzRF ID Reader, ULN 2000 are used.
- **Line follower robot(B. Tech. 3rd year)**
This robot follow black line on white plane. IR transmitter and receiver, OP-Amp based comparator LM 324, AT89S52 microcontroller, motor drivers L293D are used.
- **2-Bit Binary multiplier(B. Tech. 2nd year)**
It uses 6 AND gates and 2 Ex-OR gates to provide multiplication of two 2-bit binary no.

SEMINAR:

- CorDECT
- An Introduction to Nanowires and their applications
- CS-CMOS a low noise logic family

ACHIEVEMENTS:

- **GATE 2013, 2014, 2015, 2016, 2017** qualified with highest percentile of **99.3**.
- **CSIR NET JRF DEC-2014** qualified in Engineering Scienceswith **AIR 90**.
- **UGC NET JRF DEC-2014** qualified in Electronic Science.
- Second prize in **EMBEDDED SYSTEMS QUIZ COMPETITION, ITI LIMITED MANKAPUR.**
- Second prize in**BHARTIYA SANSKRITI GYAN PARIKSHA.**

PERSONAL SKILLS:

- Comprehensive problem solving abilities.
- Organized and dedicated with a positive attitude.
- Willingness to learn new things.

EXTRA CURRICULAR ACTIVITIES:

- Member of cricket team and volleyball team.
- Event organizer in school and college annual day functions and other technical events.
- Participate in quiz competition in college and I.T.I. Mankapur.

PERSONAL DETAILS:

Father's Name	:	MrAryendra Kumar
Date of Birth	:	27 th January 1992
Marital Status	:	Unmarried
Nationality	:	Indian
Permanent Address	:	Village-Pouta, Post-Raja kaTajpur, District-Bijnor, Uttar Pradesh (246735)

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.

Place:

Abhishek Chauhan