

NITIN GOYAL

+91-7976336984

goyalnitin7838@gmail.com

OBJECTIVE

To get a responsible & challenging position that will allow exploring my ability and skill with the aim to contribute towards the growth of the organization.

ACADEMIC QUALIFICATIONS

M.Tech, VLSI DESIGN PEC University of Technology, Chandigarh (CGPA of 8.69 till 3 rd Sem)	2016-2018
B.Tech, ELECTRONICS AND COMMUNICATION Arya College of Engineering & I.T., Jaipur (Percentage - 80.05%)	2010-2014
12th STANDARD CBSE St. Anselm's Sr. Sec. School, Ajmer (Percentage - 74%)	2009-2010
10th STANDARD CBSE Kendriya Vidyalaya Deoli, Tonk (Percentage - 76.4%)	2007-2008

TRAINING AND PROJECT

Teaching Experience

- GATE 2018 Rank 1754
- Proficiency in subjects-RADAR, Antenna, Communication, EMFT , Microprocessor, Material.
- All GATE, IES and other Technical Exams Subjects well prepared.
- Session of M.Tech 1st year taken with Mentor.
- Guided B.Tech Students in various Technical Project and Subjects.
- Taught 9th , 10th , 11th , 12th Standard Student during B.Tech.

M.tech Project

- Working on Double Gate MOSGET (Silvaco).
 - To find which Doping Profile is suited best for DG MOSFET Structure
- Interfacing of PCI WIFI CARD with Inforce Computing Kit (INTEL Atom Processor) for IOT Application.
- Human Detection based Light Control System(Sept-Oct,2016)
 - Used PIR Sensor, which detect infrared radiation emitted from human body.
 - Arduino Uno Board get sensor output and control light through Relay Switch.

B.tech Project

- Persistence of Vision based Wireless Display System using Zigbee Module (Mar-Apr,2014).
 - Data is Transmitted from Laptop and Zigbee Module Receive Data, Embedded System decode The Data
 - Data Display by 7 LED, it Display in 360° upto 200 Character (Alpha Numeric Character & Special Symbol together).

- Automobile Engine Locking System Using GSM Technology (Sept-Oct, 2013)
 - Message sent from Mobile to GSM Module attached to Embedded System (in Automobile)
 - Engine Locked by using Relay Switch.

C&IR Creative & Innovative Research

- Learned AVR Microcontroller , PCB Design & Fabrication (Jun-Aug,2013).
- Worked on 8051 Microcontroller (Jan-Feb, 2012).

TECHNICAL SKILLS

- **Language** : C, C++, Embedded C, Perl
- **Hardware Description Languages** : VHDL, Verilog
- **EDA Tools** : Visual TCAD (Device Modeling), Xilinx ISE Design Suite ,Cadence Diptrace , Proteus Top View Simulator, AVR STUDIO , KEIL Installer , AUTOCAD

EXTRA CURRICULAR ACTIVITIES

- 1st position in National Level Technical Competition in Arya College of Engg. & I.T in 2014.
- Volunteered in “International Jaipur Literature Festival 2014”.
- 1st position in Robowar Event at UDML College Jaipur in 2013.
- Semi-finalist in “ARMAGEDDON” in “COGNIZANCE 13” in IIT Roorkee.
- Received Rajya Puraskar Award in Scout 2008.

STRENGTH

- Enthusiastic towards work and hardworking.
- Possess Positive attitude in every situation.
- Self- motivated and directed.
- Responsible toward work and complete the work in stipulated time.

PERSONAL INFORMATION

- Language Known: English, Hindi
- Hobbies: Playing Badminton

REFERENCE

Mr. Nagendra Sah
Associate Professor
Punjab Engineering College (Deemed to be University)
Sector 12, Chandigarh
Mobile No. : 9872560513