Curriculum Vitae

(Gunjan Gandhi)

Objectives:

To serve Institute with full motivation and dedication and make myself beneficial asset for the Institute.

Personal Information:

Name: Gunjan Gandhi

Date of Birth (dd/mm/Year): 07-03-1987

Present Address: Chhattarpur, New Delhi

Personal Contacts :

a) Mobile No: +91-9971895450

b) Email: gs.2507gunjan@gmail.com

Academic Background :

Degree	Discipline/ Specialization	Percentage / CGPA	Passing Year	Institution/City
MTech	Telecommunication Technology	7.5	2012	**IIT Delhi**
BE	Electronics & Telecommunication	70.51	2009	BIT, Durg
HSSC	Maths	85.60	2005	Bharat Mata, Bilaspur
HSC	Science	83.83	2003	Bharat Mata, Bilaspur

Courses Preference/ Courses Taught (Offline and Online):

- Signals & Systems
- Network Theory
- Control System
- Communication System
- Digital Electronics
- Electromagnetic Field Theory

Content Developed:

- GATE Previous Years Solution
- GATE and IES Test Series
- JTO Previous Years Solution
- Subject Books Review and Corrections

IIT Delhi Thesis :

Title - Controlling The MEMS Mirrors Using ARM9 for Beam Pointing in a Free Space Optical Satellite Link
Supervisor - Prof. Subrat Kar and Prof. V.K. Jain
Description - This Project is **Sponsored by NPMASS ADA**
The Objectives of this project are as follows:

1. To make a prototype to replace the bulky mechanical mirrors used in ground stations by small electronic Micro-Electro Mechanical System (MEMS) mirror array.
2. Control these MEMS mirror by FPGA using Software control and real time control system.

Projects :

- **Automatic Room Light Controller With Digital Visitor Counter** (July, 2008 - May, 2009) : The Objectives of this project are as follows:
  1. It controls the room lights deciding on whether any person is present in the room or not.
  2. It displays number of person present inside the room.
- **Calculator using FPGA** (Mar, 2011 - Apr, 2011) : The aim of this project is to design a **Calculator using Virtex 2 Pro** and EDK.FPGA can provide high computing speed by performing all the computation in one clock cycle. So this project is build to perform all the arithmetic and logical function at the higher speed.

Qualifying Exam :

- **GATE 2010 & GATE 2018**

Work Experience :

- Lovely Professional University (July, 2012 – June, 2015)
- **Gate & IES Coaching Center (Offline and Online) (July, 2015 – Present)**

Positions of Responsibility :

- Course Coordinator , Lovely Professional University (July , 2013 – present)
- Chief Examiner , Lovely Professional University (July , 2012 – present)
- Placement Coordinator Lovely Professional University (July , 2014 – present)
- State head for Chhattisgarh admission team LPU (2 years)
- Maintenance committee member, Aravali House, IIT Delhi (July, 2011 – May 2012)

Scholastic Achievements :

- **Training on Embedded AXI**: Training on Embedded AXI conducted during Xilinx technical Summit 2011.
- **ABVP merit certificate** : Awarded the ABVP merit certificate for securing the 1st position in the 10th board
- **BMHSS merit certificate:** Awarded the BMHSS merit certificate for securing the 2nd position in the 11th .

Publication:

- Akash Saini and Gunjan Gandhi , "Fine Tuning Approach for Quality of Service in Border Gateway Protocol" , IJAIR , Vol. 2 , Issue 2 , 2013
- Md Samil Farouqui ; Vishal Nigam and Gunjan Gandhi, "Evolution of the Routing Protocols from RIP (1969) to OSPF (1998) ", IJARCSSE, Volume 4, Issue 2 , pp.750-754 February 2014.
- Vishal Nigam ; Md Samil Farouqui and Gunjan Gandhi, "Enhanced Comparative Study of Networking Routing Protocols ", IJARCSSE, Volume 4, Issue 2 , pp.742-749 , February 2014.
- Sumit Angrish and Gunjan Gandhi, "Enhancement in Path Diversity Technique in Inter Domain Routing Using Border Gateway Protocol ", IJETT, Volume 11 No 1 , pp.10-13 , May 2014.
- Vishal Chhabra and Gunjan Gandhi,"A Survey on Routing Protocols in Wireless Sensor Network", IJAIR, Volume 3 Issue 10 , pp.195-200 , Nov 2014.
- Harmanjit Kaur and Gunjan Gandhi,"Performance Analysis of TARF for Wireless Sensor Network", IIJEC, Volume 3 Issue 4 , pp.32-36 , April 2015.