## Parul Santoria

17/175 Pratap Nagar Mayur Vihar Phase-1, New Delhi 110019

Mobile : +918447349924; E-mail : parul.sintoria@gmail.com

**Intend to build a career with leading corporate of hi-tech environment with committed & dedicated people, which will help me to explore myself fully and realize my potential.**

**Indoctrination**

* At BHEL, Haridwar on “Study of Communication”

June , 2010 till 31st October, 2010

Familiarized with the call procedure using landlines and mobile.

* At Ducat Institute on Embedded Systems (8051 Micro controller)

2nd June, 2011 till 12th July, 2011

Learned how software is embedded on Hardware along with C language and prepared a project on “Metro Train Prototype using Accident”.

**Professional Synopsis**

Worked as a **Network Engineer** for **Garud Infotech** From March 2013 to Nov 2013.

Responsibility: Learning and understanding the basic concepts of routers and switches and handling the team as a Team Leader.

Currently working with **National Small Industries Corporation (NSIC)** as **IT Trainer** since November 2017.

Responsibility: Providing the training for DAST and O Level courses to the students along with the short term trainings for C,C++,.Net.

**Academia**

2015 M.Tech Kurukshetra University 68.90%

(Electronics & Comm. Engg.)

2012 B.Tech Kurukshetra University 68%

(Electronics & Comm. Engg.)

2008 10+2 Mukand Lal Public School, 72%

Haryana

2006 10th Maharishi Vidya Mandir

Public School, Haryana 75.60%

**Core Competencies**

Technical

Programming Languages : HTML5, CSS3

Networking : Basic knowledge of router & switches (CCNA).

**Value Systems and Personality**

-Self Motivated

-Positive Attitude

-Team player with Willingness to learn new things

**Academic Projects**

**Project: Radar based Protection System for**

**Higher Rise Buildings**

* **Description:** The transmitter circuit generates ultrasonic sound of frequency between 40-50 khz .The receiver senses the ultrasonic sound generated from the transmitter and switches on relay. The transmitter uses a 555 based astable multivibrator. The transmitter runs on 9V battery. The IR detector senses any change in the infra-red radiation that are reflected back by the surrounding.
* **Team Size** Four Members
* **Responsibility** Encoding of the software

**Project: Remote Monitoring System Using GSM**

**Description** Using GSM networks, a control system is proposed

that will act as an embedded system which can

locally monitor and control appliances and

devices using built-in input and output peripherals

* **Team Size** Three Members
* **Responsibility** Designing of chip and soldering of components

**Dissertation: Image Fusion using Wavelet and Curvelet with SVM and Bayesian**

**Description :**

Image fusion is a current crucial research area in the medical imaging and image sensing. Image fusion is used to improve the merging features of the two different images and helps to find the new quality image. In this paper, we have considered more sophisticated proposed techniques - Curvelet transforms and wavelet method with support vector machine using Bayesian network - on the basis of literature analysis. These methods are beneficial for the medical images such as CT or MRI. By apply these method, it gives the complete information of the working image and provide the better result as compare to the traditional method. In this paper, these multiwavelet method analyses have been done to evaluate on the MRI images and to generate the new image using fusion techniques. These Multiwavelet methods will more suitable to support in research to provide the improve information of the MRI images for the diagnosis in the medical field. This will provide to finding the better result as compare to the state - of - art methods.

**Achievements And Activities**

* Stood Third in Intra School Science exhibition in 2008
* Advertising Committee member in Azzaro Tech Fest.
* Participated in Intra and Inter Dance Competitions and stood 1st in Choreography(X’ Operia)
* Awarded as Best Performer in Cultural events in 2014.
* Participated in Wall painting in 2013 and in Content Writing in 2014.
* Took part in Badminton Championship at Intra College Level.

**Personal Vitae**

Father’s Name : Mr. Anurodh Kumar

Date of Birth : 14/10/1990

Marital Status : Single

**Declaration**

I hereby declare that all the information mentioned above is correct and true to the best of my knowledge.

Parul Santoria