Sumit Mohan Gupta

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ADDRESS :

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OBJECTIVE :

To acquire a challenging career with a company utilizing the opportunity to offer proven and developing skills within the company.

EDUCATION :

Degree	Institute	Board / University	Year	% marks / CGPA
B.Tech (Electronics & Communication Engg)	Anand Engineering College, Agra	GBTU	2009-2013	65.06%
XIIth	S.R.S.D Inter College	U.P	2009	64.8%
Xth	S.R.S.D Inter College	U.P	2007	62.8%

SOFTWARE/COMPUTER PROFICIENCY :

- OPERATING SYSTEM : Linux, Windows XP/Vista/7.
- SIMULATION SOFTWARE : IE3D Software.
- SOFTWARE : IE3D, MS Word, MS Excel, MS PowerPoint.
- OTHER SKILLS : Networking.

AWARDS/ ACHIEVEMENTS :

- Research Paper published in international journal (IJECCE).
- Certification of Ethical Hacking workshop.
- NCC 'B' Certificate qualified.
- Certificate for event organizer.
- Certificate for paper presentation.

INTERESTS / HOBBIES :

- Gym
- Exploring Computer
- Travelling

SUMMER TRAINING:

- ➢ **BHARAT SANCHAR NIGAM LIMITED** Sanjay Place, Agra

- ➢ **Office of SDE(EWSD)** Sanjay Place,Agra

- ➢ **Project Entitled - MICROSTRIP U-SHAPE PATCH ANTENNA USING PHOTONIC BAND GAP STRUCTURE**

INTERNSHIP / PROJECT :

Organization : Anand Engineering Collège, Agra

Title : **ENHANCEMENT OF BANDWIDTH OF MICROSTRIP PATCH ANTENNA USING IE3D SOFTWARE**
Team Size : 4 Members

Description : We design a compact size high bandwidth Microstrip patch antenna with promising efficiency for wire-Less application. An E -shape Micro-strip patch antenna, operating in dual band (L band & S band, with Electromagnetic band gap structure is proposed. A E- shape probe feed antenna with Electromagnetic band gap structure on ground plane could be able to improve bandwidth about 52.4% in the band of frequency 1.52-2.6GHz & about 28.08% in the band of frequency 1.53-2.03GHz .The results are simulated & depicted with the help of full wave simulator IE3D V9.0.

Roles & Responsibilities:

- Gathering and Analyzing requirements
- Designing and implementing.
- Analyzing the previous research papers.
- Testing the final Hardware.
- Designing the paper for international journal.

Organization : BSNL (EWSD) exchange,Agra

Duration : 4 Weeks
Title : **MICROSTRIP U-SHAPE PATCH ANTENNA USING PHOTONIC BAND GAP STRUCTURE**

Description : In this project for communication purpose we design simple rectangular antenna and then modification in that antenna came and we name that antenna is U-shape patch antenna with photonic band gap structure by using IE3D software. Antenna has enhancement of bandwidth to 32.26 % at centre frequency of 2.03 GHz. The modifications with the help of insertion of PBG structure and conversion of square patch into U-shape gives a good result as the bandwidth enhancement with promising efficiency as well as compatible dual band operation. Hence the proposed antenna deserves perfectly for various wireless applications due to its compact size and improved performance.

AREAS OF INTERESTS :

- ➢ Antenna and wave propagation.
- ➢ Data communication network.

PERSONAL SKILLS:

- ➢ Excellent interpersonal Skills and "CAN DO" attitude.
- ➢ A team player able to mentor other team members.
- ➢ Good analytical and problem solving abilities.

PERSONAL DETAILS :

Fathers Name   : Mr Pradeep Mohan Gupta.

Gender   : Male.

Status   : Unmarried.

Nationality   : Indian.

Languages Known   : English, Hindi.

Permanent Address : In front of S.D.M court & nearby block Hathras road Sadabad(Hathras).

DECLARATION:

- ➢ I, hereby declare that the above furnished information is authentic to the best of my knowledge.

Place: Noida   SUMIT MOHAN GUPTA