

# CURRICULUM VITAE

## **HIMANSHU GUPTA**

Room No-37, De Hostel

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## **ACADEMIC RECORD**

Currently in Semester VI of IDD Part- 3 , Computer Science and Engineering , IT-BHU, Varanasi.

**Current CGPA : 8.12/10** (absolute scale)

CLASS	YEAR OF PASSING	YGPA
B.Tech Part 1	2010	7.80
B.Tech Part 2	2011	8.44

CLASS	BOARD	SCHOOL	YEAR OF PASSING	PERCENTAGE
XII	Raj. Board	Delhi Academy	2008	87.85%
X	Raj. Board	AVM Senior Secondary School	2006	90.83%

## **ACHIEVEMENTS**

1. Qualified **IIT-JEE 2009**, **All India Rank-3039** and was among top 1% of about 4 lakh students that appeared.
2. **Got 2<sup>nd</sup> rank** among all first year students in 'C test' held by '**ACM & CSE SOCIETY**'
3. Won **gold medal** in handball in **SPARDHA'10, SPARDHA'11 & SPARDHA'12** , all india sports festival of IT-BHU .

## **COURSES COMPLETED**

- Data Structures (Theory and Lab.)
- Computer Organization
- Design and Analysis of Algorithms
- Programming Languages
- Linear Algebra
- Discrete Mathematical Structures
- Digital Circuits and Logic Design
- Electronics and Instrumentation
- Programming in C
- Operating systems(Theory and Lab)

## **TECHNICAL KNOWLEDGE**

- Programming Languages : C , C++ and Java,
- OpenGL
- Operating Systems : Windows (XP/Vista/7), Linux (Ubuntu)
- Database :MySQL
- Web Development : HTML, Java script, CSS.

## **PROJECTS**

### **1. ONLINE ASSESSMENT**

An application for conducting online tests

#### **PROJECT SPECIFICATIONS**

- Contains server side and client side interface.
- Client side is used by the student to take the test and server side by the administrator
- Server side consists options of adding students and adding questions to their respective databases.

#### **TECHNOLOGIES USED**

JDBC, MySql , Apache ,phpMyAdmin

### **2. MATRIX MULTIPLICATION (Semester 4 project)**

Implementing Strassen's algorithm to reduce the complexity from  $O(n^3)$  to  $O(n^{2.81})$

#### **TECHNOLOGIES USED**

- Netbeans 6.9.1,Codeblocks

### **3. 3-D ROTATING PICTURE CUBE**

Implementing 3-dimensional rotating picture cube.

#### **TECHNOLOGIES USED**

Codeblocks,OpenGL

## **CO –CURRICULAR ACTIVITIES**

1. Member of ACM Students Chapter of IT-BHU
2. Member of **institute's handball team**
3. Member of department's Carrom-Board team
4. Active participation in quizzes and competitions

## **AREA OF INTERESTS**

1. Data structure.
2. Computer Networking

## **INTERESTS**

1. Playing Carrom,chess and handball
2. Reading novels
3. Watching movies

## **PERSONAL DETAILS**

Father's Name	:	Mr. Madhu Sudan Gupta
Date of Birth	:	5 <sup>th</sup> December,1990
Sex	:	Male
Languages known	:	English, Hindi
Permanent Address	:	H.No. 26, Old bhoora siddh road, Alwar.(Raj.) PIN 301001.