Vertika Vaid
First Year , M.Tech
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Education

Qualification	Year	Board/Univ.	Institute	CGPA/%
B.Tech	2011	LNMIIT	The LNM Institute of Information Technology, Jaipur	9.34/10
XII	2007	CBSE	Saint Xaviers, Jaipur	89.00%
X	2005	CBSE	Seedling Public School, Jaipur	93.00%

Subjects of interest .

- Digital Signal Processing
- Mobile Communications
- Coding Theory
- Probability Theory

Summer Internships .

Research Intern   **SUMMER INTERNSHIP 2010**   **May 2010 – July 2010**
Polytechnic Institute of Newyork University,USA
Worked on the **implementation of CoopMAC on ath5k,** the new wireless driver under, Prof. Shivendra S. Panwar in the department of **Centre for Advanced Technology in Telecommunication** at Polytechnic Institute of NYU,USA.

Research Intern   **SUMMER INTERNSHIP 2011**   **May 2011– July 2011**
Indian Institute of Information Technology,Mumbai
Worked under the guidance of Prof B.G FERNANDES on the PROJECT DATA LOGGER USING USB. This project aimed at **interfacing microcontroller PIC18F2550 with the COMPUTER** through the USB serial port.

Major Academic Projects

1. **Computer Networking**   Talking DC
   Peer to Peer file sharing and audio chat on the LAN using java
2. **Digital Signal Processing**   Digital Image Water Marking
   DCT based using MATLAB.
3. **Microcontroller**   Speed checked for highways
   Real time implementing Speed checked for highways and Power saver for houses using AT89C2051
4. Currently working on in the field of **"Cognitive Radio"** under Prof. S N Merchant.

Software Skills
- **Platforms:** Linux, Windows, Vista,Windows 7
- **WIRESHARK :** Network packet Analyser.
- **MATLAB**

Extra-Curricular Activities

- **Lab Assistance:**Analog electronics for 2nd year students and Basic Electronics for first year students
- Member, Electronics Club, Phoenix at LNMIIT, Jaipur
- Member of **LNMIIT senate** &the student representativeof **Under Graduate Committee (UGC)** during 2010-11
- Held the post of **Girls Hostel Hall** manager during 2009-2010.
- **Organized** literary and dance events atVivacity-'09 annual cultural-technical Fest, LNMIIT
- Memberof**Social Welfare Organization**, Sankalp at LNMIIT, Jaipur
- **Winner**, Long Jump, intercollege Sports- "Desportivos"and participated in various other athletic events
- Won **first prize** in the intra college **rangoli** competition organized by Cultural Council, LNMIIT
- **Hobbies:**Reading, playing badminton, drawing, painting.