

Prachi Mittal

B. Tech –4th Year
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Department of Electronics Engineering
Institute Of Technology
Banaras Hindu University
Varanasi – 221005, India

Education

Graduation Level- B.Tech in Electronics Engineering from IT-BHU, Varanasi.

Year	Semester	Year	SGPA	YGPA	CGPA upto 7 th sem
1 st Year	1 st Semester	2007	8.44/10	8.46/ 10	8.46/10
	2 nd Semester		8.48/10		
2 nd Year	3 rd Semester	2008	8.19/10	8.62/ 10	
	4 th Semester		9.08/10		
3 rd Year	5 th Semester	2009	7.79/10	8.23/10	
	6 th Semester		8.67/10		
4 th year	7 th Semester	2009	8.61/10		

Secondary Level- Intermediate – S.V.M. Inter College, Shamli, Muzaffarnagar,U.P.

High School - S.D.N. Inter College Gogwan, Muzaffarnagar, U.P.

(Hold overall 14th rank and 1st among girls in U.P. merit list in 10th boards examination).

Examinations	Board	Year	Aggregate (%)
High school	UP Board	2003	83.33
Intermediate	UP Board	2005	84.20

Computer Skills

- **Languages** : PERL scripting, C, C++, Visual C++ (OpenCV library), Assembly language programming for 8086
- **Technologies & Development Tools** : Cadence Virtuoso, Spectre, Hspice Simulator, Matlab (Image Processing and Signal Processing Toolbox) , Circuit-Maker

Area of Interest

I am most interested in Microprocessor Engineering, Digital Design and CMOS technology but most efficient in **Microprocessor Engineering**.

Industrial Experience

Summer training at “**ARM Embedded Technologies Pvt. Ltd, Bangalore**” (from 11th may’09 to 7th July ’09).

Work done-

- Schematic & netlist generation for Metro & PMK libraries- This entailed the use of schematic generation using Cadence Virtuoso for standard-cell libraries, their net-list generation & running conformal for verifying their correctness.

- Simulation for different level-shifter architectures- This entailed schematic generation for different low-to-high level-shifter architectures (used in large chips where many power supplies are used for better efficiency) and simulation using Hspice.
- PERL scripting- This was done for extracting the d.c. values from the *.lib files to make a decision whether these values correspond to a typical, fast or slow corner.

Projects

“Implementation & comparison of several low power VLSI techniques”

Supervisor- Prof. S.K.Balasubramanian, Dept. of Electronics Engineering, IT-BHU

Duration- currently working.

Environment- icfb.

“Set Theoretical Implementation of Optical Flow Estimation”

Supervisor- Dr. K.S. Venkatesh, Dept. of Electrical Engineering, IIT Kanpur.

Duration- From 6th May 08 to 5th July 08.

Environment- Visual C++ (Open CV library).

“Character Recognition Software”

Supervisors- Mr.T.K.Singh and Mr.V.K.Singh, Dept. of Electronics Engg. , IT-BHU

Duration- From Aug 07 to Dec 07.

Environment- C++ using Computer Graphics and Mouse Programming.

Extra-curricular Activities

• SPORTS-

- Selected in the university team for **East Zonal Inter University Badminton Tournament** 2009 held at Manipur.
- **Captained** University Team in **East Zonal Inter University Badminton Tournament** held at Dibrugarh University, Assam.
- Held the posts of **Jt. General Secretary** (Games & Sports Wing), **Captain** (Badminton), **Captain** (Cricket) and **Vice-Captain** (Athletics).
- Represented our college in badminton and athletics in UDGHOSH 06 & 08 (All India Sports Festival of IIT Kanpur).
- Represented our college in badminton and athletics in BOSM 07 (All India Sports Festival of BITS Pilani).
- Won IT-open Badminton tournament (Intra College) for two consecutive years.
- Won silver medal in **Badminton** in SPARDHA (All India Sports Festival of IT-BHU) for four consecutive years.
- Won gold medal in **Carom** in SPARDHA 07 & 08 and silver in 09.
- Won silver medal in **Chess** in SPARDHA 07.
- Won gold medal in **Javelin Throw** in SPARDHA and Intra College Athletic Meet for four consecutive years.
- Won bronze medal in **Shot-put** in SPARDHA 08 and silver in SPARDHA 10.
- Won bronze medal in **Triple Jump** in Athletic meet 09.

• CULTURAL-

- Held the post of **Secretary (Fine Arts)**
- Won 1st prize in **Collage making** and 3rd in **Painting** in KASHI-YATRA 08 (All India Cultural Festival of IT-BHU).

- Participated in Duet Singing, Essay writing & Debate in SPANDAN (Inter Faculty Cultural Festival of BHU).
- Participated in **Flute playing** competition.
- Participated in sketching, poem composition, Debate, Clay modeling in sundry events.
- **OTHERS-**
 - Participated in MODEX (Model Exhibition) in TECHNEX 07 & 08 (All India Technical Festival of IT-BHU)
 - Worked as **Coordinator**, MODEX in TECHNEX 08.
 - Worked as **Publicity Co-ordinator** in TECHNEX 08
 - Got **Rajya Puraskar** in Scouting / Guiding.

Personal Information

Name : Prachi Mittal
Father's Name : Mr. Pradeep Kumar Mittal
Mother's name : Mrs. Meena Mittal
Date of Birth : 29th Oct. 1988
Sex : Female
Permanent Address : 254, Upper Doab Sugar Mills, Shamli, Distt. Muzaffarnagar (UP)
Present Address : Room No. 55, GSMC, IT- BHU, Varanasi (UP)
Languages Known : English, Hindi & German
Mobile No. : +91 9319488637
Hobbies : Watching Cricket, playing Badminton, playing flute, writing poems.