

**EDUCATION**

<b>YEAR</b>	<b>DEGREE / CERTIFICATE</b>	<b>INSTITUTE/SCHOOL</b>	<b>CGPA /PERCENTAGE</b>
2010	B.Tech, E&ECE <b>Minor - CSE</b>	IIT Kharagpur	<b>9.26</b> <i>Department Rank – 4/72</i>
2006	XII - AISSCE 2006 (CBSE)	DPS, RK Puram, New Delhi	<b>93.2%</b> <i>Math – 97, Physics – 95, Chem - 92</i>
2004	X – AISSE 2004 (CBSE)	DPS, RK Puram, New Delhi	<b>83%</b> <i>Math – 95, Science – 96</i>

**ACADEMIC ACHIEVEMENTS**

- Institute Rank – **20/800**
- Awarded the **DAAD WISE Scholarship**, for pursuing an internship in Germany in summer 2010.
- Selected out of more than 1000 students at IIT Kharagpur, to present a paper on Multigrid Methods, High Performance Computing at the **8<sup>th</sup> Indo-German Winter Academy** (Dec 2009), IIT Roorkee.
- **Institute Rank – 1/800**, with a CGPA of **9.92/10**, after my first semester at IIT Kharagpur
- Ranked among top **0.2%** students in IIT-JEE 2007 Examination for entrance into the IITs
- Certificate of Outstanding Performance at DPS RK Puram, for Class XII performance.
- Awarded **Gold Medal** for Academic Excellence for 7 consecutive years (1998-2005), DPS RK Puram

**PROJECTS / WORK EXPERIENCE****B.Tech Project**, IIT Kharagpur

(July 2010 - Present)

- Working in Communications on Access Techniques, to improve the efficiency of spectral usage.
- Involves Mathematical modeling of various parts, and rigorous mathematical analysis.

**Summer Internship**, Technical University, Dresden, Germany

(May 2010 – July 2010)

- Successfully submitted the work as part of first Deliverable for the European Commission Framework Program 7 project QoS MOS. The work was on **Cognitive Radio Transceiver Design**.

**Soft Computing - Term Project**, IIT Kharagpur

(July 2009 – Nov 2009)

- Worked in a group of 6 on an Image Processing project, using Soft Computing tools.
- Presented the work as part of the course. Finished **2<sup>nd</sup>** in the class of 100 students.

**POSITIONS OF RESPONSIBILITY****IEEE Kharagpur Section** – Dec 2009 onwards

- **Secretary**, IEEE Kharagpur Section Student Branch 2010-2011
- Founding Member, IEEE WiE (Women in Engineering) Affinity Group, IEEE Kharagpur Section.
- Member, Organizing Committee, IEEE Techsym 2011, an IEEE Students' Technology Symposium.

**8<sup>th</sup> Indo-German Winter Academy** – Dec 2009

- Represented IIT Kharagpur in this summit of the 7 IITs & University of Erlangen, Germany.

**CO-CURRICULUR ACTIVITIES****Kshitij** – the annual technical festival of IIT Kharagpur

- **Bronze** medal, Anadigix, an Analog and Digital design competition, Kshitij 2010
- **Honorable Mention**, Overnite, an ACM-ICPC Programming competition, Kshitij 2009
- **Certificate of Achievement**, Overnite, Kshitij 2008

**KRAIG** - Kharagpur Robotics Group

- Led a group of 8 juniors to develop a fully functional road-following robot using Image Processing concepts, for the Robotix event 8-mile. The group went on to win the competition.

**Interhall Activities**

- Member, Gold-winning team, Illumination 2009
- Member, Bronze-winning team, Illumination 2010
- Member, Silver-winning Lights team, Bengali Dramatics 2009