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EDUCATION

Program	Institution	%/CGPA	Rank	Completion
B.Tech. in Instrumentation Engineering	Indian Institute of Technology, Kharagpur	8.68	3/20	2011
XII(Bihar Board)	Patna women's college, Patna	71.2	3/150	2006
X (CBSE)	May Flower School, Patna	87.6	5/230	2004

ACADEMIC ACHIEVEMENTS

- All India Rank **2394** in IITJEE examination among 3,00,000 candidates,2007
- Secured **Excellent grade** with highest marks among 60 students enrolled in a summer course on '**VLSI Engineering'** at AVLSI Lab, IIT Kharagpur, 2009
- Got **Best Project Award** on solid waste management, Patna Women's College,2005

PROJECTS/PUBLICATIONS

- Soft Computing project on **Voice based Intelligent System, IIT Kharagpur**   **(July-Nov 2009)**
  - Developed a program that provides voice password facility and proposed its usage in security systems
  - Awarded 2nd best project among 17 projects presented in seminar

- Ongoing B.Tech project: **Development of Hall Effect based Sensor**, **IIT Kharagpur**   **(Aug2010-Apr2011)**
  - Micro-fabrication of sensor and also its signal conditioning circuit design
  - Aim is to use this for developing a clamp type current sensor

INTERNSHIPS/PROFESSIONAL EXPERIENCE

- Summer project on **Photonic crystal based sensor** at **University of Toronto, Canada**   **(May- July 2010)**
  - Designed and characterized Photonic crystal based sensor that can be used for detection of bio molecules
  - Proposed its application in detection of cancer and checking pollution
  - Work has been accepted to be presented at **SPIE Photonic West Conference**, Jan 2011, USA

POSITIONS OF RESPONSIBILITY

- **Fine arts secretary**, SN/IG Hall of residence, IIT Kharagpur   **(2008-2009)**
  - Organized cultural events: Illumination and Rangoli in coordination with hall residents
  - Managed participation in Inter hall Fine arts events and also organized workshops for freshers in Hall
  - Managed a budget of 75,000 INR for different fine arts events

- **Caption of Illumination**, SN/IG Hall of residence, IIT Kharagpur   **(2010-2011)**
  - Solely responsible for organizing cultural event: Illumination and managed participation of hall residents
  - Increased scale of Illumination and also brought extra funds from hall alumni

EXTRA-CURRICULAR/CO-CURRICULAR ACTIVITIES

- Got **Best Fresher Award**, SN/IG Hall of residence, IIT Kharagpur,2007-2008
- Got distinction **Hall Blue** for contribution in Inter Hall Technology General Championship, 2009-2010
- Sub Head, Accommodation in KSHITIJ 2009, The Techno-Management fest of IIT Kharagpur
- Member, Product design team of SN/IG Hall of residence, IIT Kharagpur,2008-2009
- Head Girl in school,2003-2004