



## EDUCATION

| Program          | Institution                              | %/CGPA      | Completion |
|------------------|------------------------------------------|-------------|------------|
| B Tech in E& ECE | Indian Institute of Technology Kharagpur | <b>9.16</b> | 2011       |
| XII              | Delhi Public School, Bokaro Steel City   | <b>95.6</b> | 2006       |
| X                | DAV Public School, Bhandaridah           | <b>90</b>   | 2004       |

## ACADEMIC ACHIEVEMENTS

- Secured an AIR 3337 in JEE 2007 out of over 200,000 candidates,
- Obtained a two semester CGPA of 9.52 to switch branch from Geology to E &ECE.
- After 6 semesters I hold the 7th position in a highly competitive batch of 73 students.
- Awarded Certificate of Merit in AISSE 2004 for excellent performance (99/100) in Science.
- Won the **3rd prize in National Cyber Olympiad Scholarship** in 2003.
- Awarded Certificate of Merit for consecutive years in **National Science Olympiad** in years 2002 and 2003.
- Won **3rd position in All India Sanskrit Competition** conducted by Arya Samaj, New Delhi and DAV Management Committee, New Delhi.
- Won **1st prize in Dayanand Scholarship** in the district of Bokaro Steel City.

## PROJECTS AT IIT

- B.Tech Project under Prof. S.S. Das and Prof. Indrajit Chakrabarti. (July 2010 - present)
  - I am working on design of **receiver end for a LTE test bed for 4G mobile communications service**.
  - Working on a **paper on the 64QAM mapper and de-mapper implementation on FPGA**.
- As a NSS volunteer, worked on **Amateur Radio project** by HSS Department, IITKGP, under Prof. Seema Murugan. (2008-2009)
  - The work entailed the **interview of some important people around the Kharagpur locality**.
- Project on modeling the band structure of **HEMT devices under Prof. Dhrubis Biswas**. (Dec 2007 - present)

## RELEVANT COURSES/SKILLS

- Probability and Stochastic Processes
- Industrial Economics
- Matrix Algebra
- Modern Algebra
- Programming in Data Structures.
- Oracle 9i, MS Excel, MATLAB, C, C++.
- MATLAB experience in speech and image processing.

## INTERNSHIPS/PROFESSIONAL EXPERIENCE

- Interned at USC, LA as a research student in the field of carbon nanotubes research. (May – July 2010)
  - Performed the modeling of Nanotube based transistor circuits for radio applications.
- Worked with Intinno technologies. (July 2009 - May 2010)
  - Design of web pages for the Intinno help site.
  - The further tasks were to market the product Intinno to teachers inside IITKGP.

## POSITIONS OF RESPONSIBILITY

- Served as Marketing Ambassador inside IIT for Intinno technologies. (July 2009- May 2010)
- Group leader communication team STUSAT-1 (IIT KGP student satellite). (August 2010 – present)
  - I supervise the communication system design, and the products to be used for the deployment.

## EXTRA-CURRICULAR/CO-CURRICULAR ACTIVITIES

- Squad member of the **inter hall football team for sessions 2008-2009, 2009-2010**.
  - Worked as **second goalkeeper** for the team (2009-2010), and a centre back (2008 – 2009).
  - The team **won gold on both occasions**.
- Squad member of the **inter hall cricket team** for session 2008-2009.
- Served as **NCC Cadet in Air Force Wing**, session 2007-2008, and successfully attended winter camp.
- Participation in various quiz events of Kshitij and SF.