

# MIRANDA BORO



**B.Tech. in Metallurgical and Materials Engineering UG (III Year I Semester)  
Indian Institute of Technology Roorkee**

Address: Sarojini Bhawan, IIT Roorkee, Uttarakhand (247667)

Mobile: +91 8791738418

[mirandaferdinand666@gmail.com](mailto:mirandaferdinand666@gmail.com)



## EDUCATIONAL QUALIFICATIONS

Semester Grade Point Average (SGPA)	7.30 on 10
Percentage in <b>Twelfth</b> Class (CBSE)	86.8
Percentage in <b>Tenth</b> Class (CBSE)	89.8

## ACADEMIC ACHIEVEMENTS

- Secured **486 All India Rank(ST)** (out of 450,000 students) in **IIT-JEE** Examination.
- Received award for winning 2<sup>nd</sup> price in the district debate competition.
- Participated at the state science seminar held at the regional science center Guwahati.
- Participated in the international informatics Olympiad, 2005 and secured first position from my school.

## EXPERIENCE

### ➤ TRAINING

**May-June 2011 at Visakhapatnam Steel Plant**

**Detail Study Of Argon Rinsing Station in the Steel Melting Shop (3 weeks )**

Dealing with the overall production and the modified version IRUT.

### ➤ LAB EXPERIENCES

**August-2011 at Metallography lab, MMED, IIT Roorkee**

Development of surface of plain carbon steels containing low, medium and high carbon for microscopical analysis.

**January-April 2012 at Institute Instrumentation Centre, IIT Roorkee**

Metallurgical and Instrumental analysis- Studied the operation and use of Optical Emission Spectroscopy, Scanning Electron Microscopy, Transmission Electron Microscopy, Inductively Coupled Plasma Mass Spectrometry and X Ray Diffraction.

## COMPUTER SKILLS

Computer Languages: C, C++, HTML, PHP

Software Packages: Microsoft Office

Operating Systems: Windows 98/XP/VISTA, WINDOWS, Ubuntu

## COURSES TAKEN

Metallurgical Thermodynamics & Kinetics; Physical Metallurgy; Transport Phenomena; Particulate Processing; Fuels, Furnaces & Refractories; Metal Extraction Principles; Electrical and Electronic Materials; Metallurgical and Instrument Analysis Lab; Metal Processing; Modeling and Simulation of Metallurgical Processes; Tribology of Engineering Materials; Mechanical Behaviour of Materials; Ceramics and Metal Processing

## SPORTS ACTIVITIES

- Member of **gold winning Basketball** team of IIT Roorkee in the National Inter IIT Sports Meet held in IIT Roorkee'12 and IIT Kharagpur'11.
- Member of *Basketball* team of IIT Roorkee in **UDGHOSH'10 and UDGHOSH'11**, the annual sports festival of **IIT Kanpur**.
- Member of *Basketball* team of IIT Roorkee in **SANGRAM'11**, the annual sports festival of **IIT Roorkee**.
- Member of **bronze winning Basketball** team of IIT Roorkee in the National Inter IIT Sports Meet held in IIT Delhi'10.
- Member of **silver winning Basketball** team of IIT Roorkee in 2<sup>nd</sup> National **Uttarakhand State Basketball Championship'10**.
- Awarded A+ certificate in **NSO (National Sports Organization)** in 2010-2011.

## CO-CURRICULAR ACTIVITIES

- Organized INFORMALS in **Thomso'10**, annual cultural festival of IIT Roorkee.
- Member of the organizing team for basketball in the **SANGRAM'11**.

## POSITIONS OF RESPONSIBILITY

- **Secretary** of the **Basketball team of IIT Roorkee** for the session 2013-2014.
- **Joint secretary** of the **Basketball team of IIT Roorkee** for the session 2012-2013.
- **Event Co-coordinator** of Meta automation in the department of Metallurgical and Materials Sciences in **Cognizance'11**, technical fest of IIT Roorkee (having participation from all over India).

## PERSONAL PROFILE

**Date of Birth :** 5th October, 1992

**Sex :** Female

**Permanent Address :** Simang Dera, Mijing Nwgr, Kokrajhar, Assam Pin code: 783370

**Languages Known :** English (Speak, Read and Write, Hindi(Speak, Read and write)  
Assamese (Speak and write), Bodo (speak, read and write), Bengali(speak)

## REFERENCES

1. **Dr. Surendra Singh** Professor, MMED, IIT Roorkee, E-mail: [surenfmt@iitr.ernet.in](mailto:surenfmt@iitr.ernet.in)
2. **Dr.S.K.Nath** Professor, MMED, IIT Roorkee, E-mail: [indiafmt@iitr.ernet.in](mailto:indiafmt@iitr.ernet.in)