



**Mohini Choudhary**  
**Metallurgical Engineering & Material Science**  
**Indian Institute of Technology, Bombay**  
**Specialization: Ceramics & Composites**

**11D110034**  
**UG Second Year**  
**Female**  
**DOB: 12/10/1992**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2013	8.62

### Scholastic Achievement

- **Ranked 1<sup>st</sup>** (out of a batch of 55 dual degree students) Metallurgical Engineering and Material Science Department (2012)
- Secured All India **Rank 2171** in IIT Joint Entrance Exam(out of more than 4,50,000 students) (2011)
- Secured **2<sup>nd</sup> position** at district level in M.P. State Board Secondary Examination (2003)

### Key Projects

- **Biodegradable plastic** (2012)
  - Prepared two types of biodegradable **plastic** (depending on the presence of **plasticizer**)out of potato starch and analyzed their properties
  - **Tested and contrasted** two types of plastics in laboratory to determine their strength
- **C++ project** (2012)
  - Developed a railway reservation management project using **file handling** and class
  - The code facilitated the **unique identity** and **password** for every user
- **Line Follower** (2011)
  - Designed an autonomous robot **using sensors** which were prepared using **Light Emitting Diode**
  - Coded the sensors applying different **values of Infrared radiations** for white and black color

### Technical Skills

- Programming language: **C++, C**
- Operating Systems: Windows, Ubuntu, Macintosh

### Position of Responsibility

- **Hostel Dramatics Secretary** (April '11- present)
  - **Conceptualized** and organized dramatic events like theatre games to **inculcate enthusiasm** for dramatics in the hostel
  - **Mentored students** for numerous competitions - monologue competition, street play
  - **Coordinating** as a **team** with **nine cultural secretaries and cultural counselor** for the planning of hostel events
- Worked as **Organizer of competitions, Mood Indigo'12** (2012)
  - Organized the competitions as street play and impromptu dance event

### Extra Curricular Activities

- **Finance boot camp**  
Acquired knowledge of **micro-finance and investment banking**
- **Social Activities** (2012)  
Worked as a **mentor** for **Teach for India**, a **social initiative** which provide mentoring to **underprivileged Students**
- **Dramatics Activities**

Place	Festival	Description
<b>Prithvi Theatre, Bombay</b>	<b>Thespo</b>	A nation-wide annual youth theatre festival (2012)
<b>Mithibai College, Bombay</b>	<b>Kshitij'11</b>	Cultural Festival of Mithibai College