Disha J Talreja | **100110046**
Metallurgical Engineering & Material Science | **UG Third Year (B.Tech.)**
Indian Institute of Technology, Bombay | **Female**
Specialization: None | **DOB: 04-07-1991**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	8.70

OBJECTIVE: Seeking a **creative** and **challenging** internship to exercise my engineering and interpersonal skills

AWARDS AND SCHOLASTIC ACHIEVEMENTS:

- **Secured All India Rank 1958** in JOINT ENTRANCE EXAMINATION ***(2010)***
- **Secured All India Rank 1467** and **State Rank 98** in AIEEE ***(2010)***
- **Secured All India Rank 243** in IIST ***(2010)***
- **Awarded the CERTIFICATE OF MERIT** by C.B.S.E. in All India Senior School Certificate examination in Mathematics, Science and Hindi ***(2007)***

POSITIONS OF RESPONSIBILITY:

- **Coordinator of Entrepreneurship Cell in Public Relations and Operations Departments**: Handled pre-event planning, promotion of event and its successful execution ***(2011)***
- **Organizer of Mood Indigo in Horizons and Competitions Departments:** Organized fine arts based competitions, workshops and vogue event ***(2010)***
- **Organizer of Techfest in PKR department:** Organized verizon and hydranoid competitions ***(2011)***

ACADEMIC AND COCURRICULAR PROJECTS:

- **Carbon Nanotubes(Prof A.S. Panwar-MEMS Department:** Analyzed different types of defects and dislocations in Carbon Nanotubes by making its Schematic model ***(Spring 2011)***
- **Non-Newtonian Fluids(Prof A.S. Panwar-MEMS Department):** Developed a Non-Newtonian Fluid using corn starch and water and studied its viscoelastic nature ***(Spring 2011)***
- **Presentation Based On Adhesives(Prof A.S. Panwar-MEMS Department):** Based on study of adhesives including their structure, classification, physical and chemical properties and functionality
- **Mechanical Aspects of an Iconic Structure(Prof Narsimhan K-MEMS Department):** Constructed a physical model of **burj-al-arab** structure and analyzed its mechanical aspects ***(Autumn 2011)***
- **Sheet Metal Forming(Prof Narsimhan K-MEMS Department):** Used Finite element analysis to simulate forming process and studied the effect of mesh size on ability of failure criterion to determine localization and developed an alternative criterion to determine localization. ***(2011-2012)***
- **C++ Project(Prof R.K. Joshi-CSE Department):** Developed Triangle Based Designs using triangle rotation, scaling and translation
- Participated in Track Mania(made **F1 car**) and created a **line follower** under Technic club IITB ***(2010)***

SOFTWARE SKILLS: C++, Java Core, Visual Basic, Pam Stamp 2G, Operating Systems (Windows, Ubuntu)

EXTRA-CURRICULAR ACTIVITIES:

- Exhibited my paintings in **Kaladarshan** ***(2011)***
- Reached finals of **Bournvita Quiz contest** and won **Maggi Quiz contest**