

MANMIT PANTLE

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Gender: Male

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EDUCATIONAL RECORD

Degree	Year	Institute	Performance
BTECH (Mechanical Engineering)	2007 -to date	Indian Institute of Technology, Kharagpur	CGPA: 8.09/10
Class XII (CBSE)	2007	Sanskriti School, New Delhi	90% aggregate
Class X (ICSE)	2005	Cathedral and John Connon School, Mumbai	94% aggregate

POSITIONS OF RESPONSIBILITY

- Hockey captain (MS Hall)** **2008- to date**
 - Motivated a traditionally non sporting hall, formed, trained and captained the first hall team (MS Hall) in 2008.
 - Hall hockey secretary 2008-09.
- Bridge captain (MS Hall)** **2008- to date**
 - Introduced Bridge to, and motivated, a traditionally non sporting hall, formed and captained the first hall team (MS Hall) in 2008.
- Chess.** Captain chess team, Sanskriti school, New Delhi **2005-07**

SUMMER INTERNSHIPS/ PROJECTS

ITC Food Business Division, Bangalore (B.Tech Summer Intern)

May-July 2010

- Studied the pneumatic conveying processes in the Flour Milling Plant. Made suggestions for ideal operational parameters in different parts of the plant.
- Determined efficiencies of existing fans and suggested ideal fan types.
- Suggested recommendations resulting in **28% increase in efficiency** in the plant.

BTECH Project

August 2010-to date

- Working under Prof P.K.Das on the thermodynamic analysis of the Kalina cycle to determine parameters for maximum efficiency of the cycle

Project (Summer 2009)

- Worked under Prof P.V.M. Rao (Mechanical Department, IIT Delhi) for the duration May – July 2009 on an international assignment to develop novel and interesting lesson plans teaching manufacturing techniques.

ACADEMIC ACHIEVEMENTS

- 43rd Annual All India U.N. information test (2000): AIR 5.**
- Mathematical Sciences Foundation challenge in association with NIIT (2006): 2nd position.**
- Global Mathematics Talent Search (2001/2002): World ranking 75.**
- 8th National Science Olympiad (2006): AIR 175.**

EXTRA-CURRICULAR ACHIEVEMENTS

- Chess**
 - Captained the school team in the **CBSE National Chess Championship 2006.**
 - Captained respective **gold** winning hall teams in the annual **IIT Kharagpur championships** (MS Hall, 2009; MMM Hall, 2008).
- Bridge.** Led the hall team to **gold in 2009.**
- Dramatics.** Member of **gold** winning hall English dramatics team.
- Social Responsibilities.**
 - As part of the **NGO Pravah**, stayed for a week in rural Rajasthan to appreciate the living conditions of people there and help improve the same.
 - Have participated in various social causes such as '**save the turtle awareness walk**' etc.
 - Worked towards giving back to society in my spare time by acts such as **teaching servants children** etc.