

Deepak Yadav

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ACADEMIC QUALIFICATIONS

Examination	Year	Institute	CGPA/Percentage
B.Tech(Hons.) Instrumentation Engg.	2011	IIT Kharagpur	7.92/10
Class XII (CBSE)	2006	St. Michael's Convent	92.6%
Class X(CBSE)	2004	St. Michael's Convent	92.8%

ACADEMIC ACHIEVEMENTS

- All India Rank 1178 (top 0.5%) in IIT JEE 2007 out of around 252,000 students.
- National Talent Search (**NTSE**) scholarship holder since 2004 provided by NCERT.
- Ranked in top 0.5% of 0.6 million candidates appearing in AIEEE 2007.
- **All India Rank 20** in National Science Olympiad 2003 conducted by Science Olympiad Foundation.
- Scored **100/100** in Engineering Drawing course in IIT Kharagpur undertaken by more than 400 students.
- **Certificate of Merit** holder in **Physics** from CBSE for being in top 0.1% of all students in 2007.

PROJECTS

Feedforward Slosh control in moving container: (Semester Project – embedded systems)

- Determined acceleration profile for moving a container containing liquid in minimum time with minimum sloshing.
- Implemented the results on an AVR controlled autonomous robot and real time observations were made.

Feature based characterization of SS-OCT images of human skin: (B.tech Project July 2010-present)

- Generation of OCT images of different regions of human skin.
- Identification of target features and their processing, segmentation and analysis.

EXPERIENCE

Technical Trainee, Desein Indure Pvt. Ltd. New Delhi (Summer Internship, May-July 2010)

- Undertook comprehensive case study of Process and Instrumentation Diagrams Of 2x250 MW Satpura Thermal Power Plant.
- Suggested Technical Faults and Improvements in the P&ID supplied by BHEL to be reviewed by the company.

Achievement: Got familiarized with the working conditions of a company and applied the theoretical concepts in real world problems of power plant.

EXTRA- CURRICULAR ACTIVITIES

SPORTS

- **Member** of Nehru Hall Inter Hall Hockey team.

CULTURAL

- **Silver medal** in Open IIT Hindi dramatics competition, IIT Kharagpur in 2008.
- **Bronze Medal** in Inter- Hall Hindi Dramatics
- **Bronze Medal** in Inter Hall Choreography Competition.

SOCIAL

- Mentored and taught underprivileged children working in hall canteens.
- Collected clothes from my hall for flood victims in Orissa as a part of **NCC** in 2007.

IT

LANGUAGES

- C

TOOLS

- Matlab, AutoCAD, Xilinx, Pspice, Cadence, MS Office.