



B Yashwanth Kumar
Mechanical Engineering
Indian Institute of Technology Bombay
Specialization: Manufacturing Engineering
Yashwant.310@gmail.com

10310061
M.Tech
Male
DOB: 12/11/1988
+91-8080888034

Examination	University	Institute	Year	CPI/%
Post Graduation	IIT Bombay	IIT Bombay	2011	7.97
Graduation	J N T U, Hyderabad	SNIST	2010	80.33
Intermediate/+2	Board of Intermediate Education	St.Patrick's Junior College	2006	91.00
Matriculation	ICSE	St.Joseph's Public School	2004	82.00

Scholastic Achievements

- Secured a percentile of 99.23% in GATE 2010 in Mechanical Engg. Paper
- Finished in Top 5 out of 136 students in Academics in Mechanical Engg. Dept. in B.Tech
- Co-authored a paper on "Implementation on Adaptive Control using Spindle Power" which is to be presented in an International conference on Design and Advances in Mechanical Engg. in December 2011

Internships

- **National Fuel Complex, Hyderabad**

'Manufacturing Processes for Die Preparation'

May '09- July 09

Studied various processes for manufacturing of Dies and came up with a solution which resulted in **Time saving** of 6 hours

- **Nile India Ltd, Hyderabad**

'Design and analysis of Chemical Reactors'

Aug ' 09- Oct 09

Projects and Seminars

M. Tech. Dissertation :

'Hybrid Layered Manufacturing (HLM) of metallic objects through 5 -axis deposition'

Jan' 11 - Till Date

- Developing software for a **5-axis HLM** process which involves 5-axis Slicing of CAD model read from a STL file and generation of the contour loops
- **Post Processing** of the tool paths for Hermle C30U **5-axis CNC** machine

B. Tech. Project :

'Design and Analysis of Folded Fins', DLRL, Hyderabad

Dec '09 – May '10

- Developed Fins inside CPU and analyzed it on **CFD** to verify that it sustains the required temperature

Computer Skills and Technical skills

- C,C++,Ansys 11.0, Pro E, Abacus

Positions of Responsibility

- | | |
|--|--------------------|
| • Marketing Manager, Radiance 2012 | Jun '11- Till Date |
| • Volunteer, Teach For India | Jun '11 -Till Date |
| • Music Secretary, Hostel 13, IIT Bombay | July '11 -Till Dat |
| • Class Representative,Manufacturing Engg. | May '11 -Till Date |

Extra-curricular Activities

Cultural

- **Choreographed** for Hostel Gyration's and Developed theme-Hostel 5
- Participated in PG Solo Dance and Received a **Special Mention**
- Performed in **AIDS 2011**- All Insync's Dance Show, IITB Biggest Dance Show

Sports

Key Member in Mechanical Engg. Dept. Cricket Team Which won Gold in PG Sports among 21 depts.