



Badam Vijayanand
Chemical Engineering
Indian Institute of Technology, Bombay
Specialization: Chemical Engineering

09D02034
UG Third Year(Dual Degree)
Male
DOB: 19/03/1991

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	6.37
Intermediate/+2	Board of Intermediate education, Andhra Pradesh	Prathiba Junior College	2008	92.10
Matriculation	SSC	Sri Vijaya Sai High School	2006	89.50

Scholastic achievements

- Secured 4205 rank in IIT-JEE Exams 2009 among 3,50,000 candidates .
- Selected among the top 0.1% of the 0.8 million students that appeared for All India Engineering Entrance Examination 2009.
- Won at State Level 15th Ramanujan Ganit Award ,Andhra Pradesh , 2004.
- Scored 100% in Mathematics in 11th and 12 th Board .(2007-2008).
- Won Mathematics Quiz at School level ,2006

Academic Projects

- **Sulphuric Acid Plant Analysis** guide:Prof.S.Mahajani
Designed a presentation and a report on the large scale production of Sulphuric Acid in **Rashtriya Chemical fertilizers Ltd**, Mumbai.(Feb-March 2010)
- **Molecular simulations:**
Wrote programs on based on Metropolis monte colro methods and conducted simulations in various ensemble in group of five.(March-April 2010-2011)
- **Mini National Unique Identity for IIT Campus students (guide prof . D.B. Phatak) [2009]**

Technical skills

- Programming languages : C/C++ , Scilab and Matlab,
- Software proficiency MS Office , Office Libre, L^AT_EX.
- Operating system : Windows , Linux.

Courses covered

- **Corecourses:** Introduction to Chemical Engineering , Solid Mechanics, Introduction to Transport Phenomena, Advanced Trasport phenomena, Chemical Engineering Thermodynamics, Heat and Mass Transfer, Process fluid mechanics, Numerical analysis, Chemical Engineering Laboratory,I and II , Molecular and Statistical Thermodynamics, Chemical Reaction Engineering I and II,Mass Transfer Operations, Material science.
- **Other courses:** Introduction to Electrical and Electronic circuits, Molecular Cell Biology, Data Analysis and Interpretation, Modern Physics, Complex Analysis, Ordinary and partial differentiation, Linear Algebra,Calculus, Chemistry, Chemistry lab, Physics lab, Experiment and measurement lab,Economics , Sociology,Engineering drawing, Introduction to C++ etc

Other Intrests :

Biology , Programming,Playing Chess and Exploring.