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#### SCHOLASTIC ACHIEVEMENTS

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- Secured **All India Rank 1361** in IIT-JEE 2009, an exam which was given by over 400,000 students all
- Secured top (0.5 %) in All India Engineering Entrance Exam AIEEE 09
- Secured State Rank 941 in Engineering and Medicine Common Entrance Test , EAMCET 2009
- Stood top(0.1%) in various national talent research exams.

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#### KEY COURSE PROJECTS

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- “MINI NATIONAL UNIQUE IDENTITY ” (Oct '09 – Nov '09)  
*Guide : Prof. D. B. Phatak<sup>1</sup>*
  - Part of team of 5 students for creating a database containing fingerprints along with the details of the person
  - Developed a database using C++ which stored student profile information and displayed it when revoked.
  - Coding done using **C++** and fingerprints obtained using Biometric Fingerprint Scanner
- “TIP JET HELICOPTOR : ROTOR DESIGN”  
*Guide : K.P.Karunakaran*
- “METALLURGICAL PROCESS - SUBMARINE HULL”  
*Guide : G.V.Prabhugaonkar*
  - Team of 2 studied the material properties of submarine hull and defects encountered in high pressure and corrosion effects.
  - Optimised the defects by selecting new alloys .

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#### SOFTWARE SKILLS

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**Programming Languages** : C/C++, Java  
**Packages and Other Tools** : Adobe Flash, Photoshop CS4, SCILAB, MATLAB  
**Web Coding** : HTML  
**Operating System** : windows, linux

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#### AREAS OF INTEREST

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- Logical Programming
- Animation and Video Making
- Puzzles , Suduko solving

➤ CORE COURSES

- ✓ Solid mechanics
- ✓ Thermodynamics
- ✓ Fluid mechanics
- ✓ Heat transfer\*
- ✓ Industrial Engineering n operational research\*

- ✓ Heat transfer
- ✓ Manufacturing process – I
- ✓ Strength of materials
- ✓ Manufacturing process – II\*
- ✓ Engineering metallurgy

➤ OTHER COURSES

- ✓ Computer Programming and Utilization (C++)
- ✓ Introduction to Industrial Design
- ✓ Linear Algebra
- ✓ Complex Analysis
- ✓ Differential Equations
- ✓ Data Analysis and Interpretation
- ✓ Rapid product development\*

- ✓ Psychology\*
- ✓ Calculus
- ✓ Economics
- ✓ Engineering Drawing
- ✓ Chemistry
- ✓ Modern physics
- ✓ Introduction to electronics and electrical circuits

\* Courses Going-on

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POSITIONS OF RESPONSIBILITY

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- **Event Organiser** in **MOOD INDIGO '10** (*Asia's Largest Cultural Festival*).
- **Event Co-ordinator** in **Exhibitions TECHFEST IITB '11**, the Annual Technical Festival of IIT Bombay.
- **Event Co-ordinator** in **E-SUMMIT '11** (Annual Flagship Event of The Entrepreneurship Cell IITB)

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EXTRA CURRICULAR ACTIVITIES

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- **TECHINICAL:**
  - Made a **Nano Science Project** for District Level Science Exhibition, which won 3rd Place
  - Made a Remote Controlled F1 Car in the First Year.
  - Participating enthusiastically in tech GC for hostel 4.
  - Designed many models
- **CULTURAL:**
  - Performed in PAF 2011 , which won a first place
  - Awarded **Special Mention Award**, for the participation in the PAF 2011
  - Passionate in cultural events
- **SPORTS:**
  - Proficient at playing **Badminton**, Tabletennis , Carroms, Waterpolo, Tennis.
  - Was selected for **NSO** swimming , one among top 25 in the institute.
  - Awarded with a certificate in **Swimathon** for continuous swimming of 6 hrs .
  - Was part of the team in **water polo** GC , awarded gold medal.
  - Won many medals for excellence in badminton.
- **OTHERS:**
  - Can Solve **Rubik's Cube** within **2 minutes**.
  - Interested in **Arts** , paintings and natural photography.

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DECLARATION

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I here by declare that the information given above is true to the best of my knowledge, as of august 2011

- G Vamshi Krishna.