## **Academic Distinctions**

* Secured **AIR-556 in IIT-JEE 2009** out of 384977 students.­
* Secured an **All Rajasthan Rank-9 in First level of NTSE ’06** (National Talent Search Examination). Later on, completed all the three stages to secure NTSE scholarship.
* Secured an **All Rajasthan Rank-10 in SSTSE’06** (State Science Talent Search Examination).
* Secured **1st Rank** all over India in **Class X CBSE Board Mathematics Examination**.

## **Publications**

|  |  |
| --- | --- |
| 2011-Present | Writng a Textbook in Mathematical Aptitude for **CA Entrance Exam – Common Proficiency Test (CPT)** (conducted by ICAI). |
| 2011 | Co-authored a Textbook in Science, Mathematics for **Rajasthan Teacher’s Eligibility Test (RTET)** (conducted by Rajasthan Public Service Commission). This book sold over 3300 copies in Rajasthan, MP, Bihar and UP. |
| 2010 | Authored a Textbook in Mathematics (10+2 level) for **II Grade Teacher’s Entrance Examination** (conducted by Rajasthan Public Service Commission). This book sold over 3000 copies in Rajasthan, MP and Bihar. |

## **ACADEMIC PROJECTS**

* **Mental Imagery and Performance:** (August’10-Nov’10) *Under the guidance of Prof. Aziz Khan (Humanities and Social Sciences Dept., IITB ).*
  + Done as a part of Pschycology Course.
  + Prepared a report and Powerpoint presentation describing Mental Imagery and its effects on mental performance, and explained phenomenon viz. daydreaming, dreaming and hallucinations etc.
* **Unique User Identification Device (UIDD):** (August’09-Nov’09) *Under the guidance of Prof. D. B. Phatak (Senior faculty, CSE Dept., IITB):*
  + **Aim**: To computerise the attendance system in IITB.
  + Designed a C++ Program which takes fingerprint of a student as input and gives the information about him/her from the database.
* **Vehicle Wheel Design incorporating optimal material composition:** (August’10-Nov’10) *Under the guidance of* ***Prof. G. V. Prabhugaonkar*** *(Metallurgical Engineering Dept., IITB).*

## **Tech-Project**

* **Formula-1 Car (11’’x7’’x5.5’’):** Participated in an ‘F-1 car Design and Race’ Competition in a 3 member team. Designed the F-1 car using an R-F Circuit.

## **Relevant Academic Courses**

|  |  |
| --- | --- |
| * Discrete Event System Simulation * Rapid product Development * Computer Programming and Utilization * Engineering Mechanics * Introduction to Electrical and Electronic Circuits * Industrial Engineering and Operations Research I | * Data Analysis And Interpretation * Differential Equations * Linear Algebra * Introduction to Numerical Analysis * Industrial Design * Calculus |

## **Computer Languages, Software Skills, Technical Skills**

* **Operating Systems:** Windows, Linux.
* **Programming Languages:** C++, JAVA, HTML and PHP.
* **Softwares:** MS Office, Scilab, MATLAB, Sigmaplot, Adobe Photoshop, Adobe Illustrator, Adobe Dreamweaver, Sony Vegas, Adobe Flash, 3Ds Max.

## **Extra-Curricular Activities**

* **Graphic Designing:** Designed first ever Hostel Flag for Hostel 7, IIT Bombay, Swimathon, 2011 T-Shirt for Aquatics Club, IIT Bombay and have designed 32 Book Covers for Lakshya Publications so far.
* **Mountaineering:** Successfully finished a 26 day **‘Basic Mountaineering Course’** organised by Atal Bihari Vajpayee Institute of Mountaineering and Allied Sports (ABVIMAS, Manali) in May’10.
* **Music:** Performed in Hindi band Competition as Bass Guitarist at Freshizza’09 and secured 2nd Position.
* **Others:** Performed in Annual Insync Dance Show, 2010.

## **Positions of Responsibilities**

* **Hostel Photography and Fine Arts Secretary:** Led the Hostel in Photography Calendar Making Competition securing **4 out of top 5 positions** including the first. Led the hostel in all the Photography and Fine arts GCs.
* Worked as a **Coordinator in Creatives Team in Techfest’11** and designed official Publicity material.
* Coordinated Fine Arts and Prod Work in Inter Hostel Dance Competition, Gyrations’10.
* Worked as a **Coordinator in Mood Indigo’10 in Publicity and Media Department.**
* Worked as an **Organiser** in Techfest’10 (Hospitality) and in Mood Indigo’09 (Horizons).

## **Other Interests**

* Graphic designer, Web Designer, avid Photography enthusiast.
* Proficient in fine arts activities like Ambigramming, Clay Modelling, Painting, etc.
* Mountaineering enthusiast.
* Avid listener to all kinds of Music, like to play Acoustic Guitar.