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|  | **Praveen Singh Yadav** | |  | **110040051** |  |
|  | **Civil Engineering** | |  | **UG Second Year** |  |
|  | **Indian Institute of Technology, Bombay** | | | **Male** |  |
|  |  |  | | **DOB: 25/08/1992** |  |
|  |  |  | |  |  |
| **Examination** | **University** | **Institute** | | **Year** | **CPI / %** |
|  |  |  | |  |  |
| Graduation | IIT Bombay | IIT Bombay | | 2012 | 6.73 |
| Intermediate/+2 | RBSE Board | Shiv Jyoti School | | 2010 | 74.16 |
| Matriculation | RBSE Board | Jyoti Senior Secondary School | | 2008 | 90.17 |

**SCHOLASTIC ACHIEVEMENTS**

* Secured All India Rank of **5527** in IIT Joint Entrance Examination 2011 (**top 1%** out of **3,85,000**)
* Secured All India Rank of **8098** in All India Engineering Entrance Examination 2009 (**top 0.8%** out of**10,00,000**)

**KEY ACADEMIC PROJECTS**

**C++ Project** *(’11)*

(Guide: Prof.D.B.Phatak)

* Created a game of **Minesweeper.**
* Used dynamic and double arrays, graphics using e-z windows.

**RF Circuit powered vehicle** *(’11)*

* Designed a wireless, RF Circuit powered vehicle under the programme **Techone**
* The objective was to complete a track, with several mechanical obstacles, in minimum amount of time

**Line Follower Bot** (’11)

* Designed a line follower bot using IR-sensor and LED.
* The task was to follow a white track in minimum time.

**Digital Clock** (’12)

(Guide: Prof. S. Duttagupta)

* Using 74LS90 chips, 74LS47 binary-to-7-segment converters and Resistors.
* Conversion of AC into DC.

**TECHNICAL SKILLS**

* **Programming Languages/Tools**: C/C++, HTML, Microsoft Visual Basic, SCILAB, MATLAB
* **Operating Systems**: Microsoft Windows, Ubuntu (Linux)
* **Application Softwares**: Microsoft Office, Adobe Photoshop

**RELEVANT COURSES**

* **Core Courses**:
* Solid Mechanics
* Fluid Mechanics
* Engineering Mechanics
* Numerical Methods In Civil Engineering
* **Lab Courses:**
* Fluid Mechanics Lab
* Heavy Structure Lab
* Physics
* Chemistry
* Workshop Practice
* Engineering Drawing
* Computer Programming Lab
* **Other Courses:**
* Computer Programming and Utilization
* Introduction to Electrical and Electronics Circuit
* Electricity & Magnetism
* Data Analysis and Interpretation
* Chemistry
* Economics
* Calculus
* Linear Algebra
* Ordinary and Partial Differential Equations

**EXTRA CURRICULAR ACTIVITIES**

* Co-Founder of **SHIKSHANTAR,** involving in education sector, having a Tie-Up with Aakrati Education.
* Was part of the **National Sports Organization** for Cricket *(Aug ‘11-Mar ‘12)*
* Was part of the **Freshmen Cricket Team** that finished **1st** in the **Cricket GC**, IIT Bombay *(‘12)*
* Was a part of IITB group which made a **Guinness and Limca** record of most people solving Rubik’s Cube simultaneously in less than 12 mins. (’12)
* Part of the Winning team of Institute Cricket League. (’12)
* Topper at District Level General Quiz of History. (’06)
* Got Third Position at District Level Quiz for Current Affairs. (’07)
* Topper at District Level Quiz in Science.(’07)

**POSITIONS OF RESPONSIBILTY**

* **Sports Secretary**, Hostel-7, IIT Bombay (Apr ’12-Present)
* **Organizer,** Mood Indigo, IIT Bombay (’11)
* **Organizer,** Tech Fest, IIT Bombay (’12)
* **Organized** Hostel Cricket League and Hostel Football League. (’12)
* **President** of school *(08-09)*