Shivanjali Yadav   110110034
Metallurgical Engineering & Material Science   **UG Second Year**
Indian Institute of Technology, Bombay   Female
Specialization: none   DOB: 27-07-1992

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2013	5.65
Intermediate/+2	N.I.O.S. Board	K.V.No 2	2010	69.20
Matriculation	C.B.S.E. Board	Sophia Sec. School	2008	84.40

ACADEMIC ACHIEVEMENTS:

- Secured **98.4 percentile** in **IIT-Joint Entrance Exam 2011** among **4, 56, 000 candidates** all over India
- Secured **99.33 percentile** in **All India Engineering Entrance Exam** among **12, 00, 000 candidates** all over India
- Secured **21st rank** in Rajasthan Pre Engineering Test 2011 in Girls category among **80,000 candidates** all over Rajasthan
- Awarded with the **Certificate of Excellence** for outstanding academic performance in class X by the J. C. Credit Society, **All India Railway Employees Bank**
- Awarded with **2nd prize in general proficiency** in Sophia Secondary School , Kota Jn. for the scholastic year 2003- 2004

POSITION OF RESPONSIBILITY:

- **Coordinator** for **Padarth 2013,** MEMS department festival of IIT Bombay □
- **Organiser** for **Techfest 2012**, the technical festival of IIT Bombay
  Assisted the exhibitors **Laura Cinti and Howard Boland, founders of C-lab**, **London** during the festival in explaining the visitors, the organic and synthetic explorations of C-Lab and eventually made it huge success
- **Mentor f**or **mono act plays** and **street plays** in freshiezza
   Guiding the freshmen for extracting the best out of them in various cultural events for the freshmen of the institute in the above two genres
- **Environment Minister** of Sophia Secondary School, Kota Junction
  As an environment minister helped in organising various festivals like **Van-Mahotsava** which aimed at increasing the awareness among people to make the city greener and fighting global warming

INTERNSHIPS AND PROJECTS:

Winter internship

ISGEC heavy engineering ltd, Haryana   *Dec'12*
 Successfully completed a 20 days training in the modern pattern shop and the full mould process castings of iron and its alloys in the foundry of Isgec, Yamumanagar
SUDOKU   *Sept'11*
Computer Programming and Utilisation Guide: Prof. M.P.Gururajan

- Designed the game in C++ language in a team of 2 in which the user can solve 9*9 Sudoku by automatic compilation and the result is displayed.
  Anomalous behaviour of surfaces showing both hydrophobic and hydrophilic nature
  Introduction to material sciences Guide: Prof. Ajay Singh Panwar   *Apr'12*
- Designed an illustrative model and did case study as to what factors are responsible for this anomalous behaviour
  Report on market of major coffee café industries   *Sept'11*

Economics Guide: Prof. Haripriya Gundimeda

- Performed a case study on market of major coffee cafe industries spread across the whole country in order to study the growth of the market in India.

Textweb app Autofare *Jun'12*
ITSP

- Designed a **txtWeb Application** using **PHP, Javascript and HTML5** that calculates the autofare between any two points in Mumbai as a part of ITSP project. App uses google maps to know the driving distance between the two places and creates an interface between the google and the user's phone.

COURSES UNDERTAKEN:

- **Core Courses**: Introduction to Material Sciences, Mechanics of Materials, Transport Phenomenon, Structure of Materials
- **Non-core courses**: Computer Programming and Utilisation, Data Analysis and Interpretation, Economics, Chemistry, Electrodynamics, Linear Algebra, Ordinary and Partial Differential Equations, Introduction to Electrical Engineering, Social Psychology.
- **Lab Courses**: Physics Lab, Chemistry Lab, Engineering Graphics and Drawing, Mechanical Workshop.

SOFTWARES SKILLS:

- **Programming Languages:** C, C++, HTML5, PHP
- **Operating Systems:** GNU/Linux (Ubuntu Distribution), Window

EXTRA CURRICULAR ACTIVITIES:

- **Represented IIT Bombay contingent** in a **street play** in **Channel [V] Nokia India Fest** held in Goa
- Secured **5th position** for **street play** in freshiezza (cultural fest for the freshmen of the insitute)
- Actively participated in making prod as a part of the team which stood **2nd** in **Performance Art Festival, IIT Bombay**
- **Choreographed, acted and danced** in the play **MANJARI** for **Sophie Prod** (Dramatics event of IIT Bombay)
- **Choreographed** an inter hostel dance competition **Gyrations** for the team of girls hostel of IIT Bombay
- Made a short movie **Nightmare** that included **script writing, direction , editing and forging f**or freshiezza
- Actively participated in **Annual Insync Dance Show** (Dance event of IIT Bombay)
- Thoroughly worked for the '**Environment Conservation Forum'**, department of NSS of IIT Bombay, which aims at organising eco-friendly campaigns in the institute
- Taught poor and needy people during school times as a member of the programme **Help Age India**
- Won many prizes in intra school competitions in the field of debate, literature, science and maths quizzes, dance, dramatics, etc