



Deepshikha Alha
Civil Engineering
Indian Institute of Technology, Bombay

09004045
UG Third Year (B.Tech.)
Female
DOB: 13/07/1990

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	6.81
Intermediate/+2	CBSE	St. Edmund's School	2008	89.00
Matriculation	CBSE	St. Edmund's School	2006	89.60

POSITIONS OF RESPONSIBILITY:

- **Captain of Institute Girls Athletics Team:** [2010]
 - Led the team of girls for 46th INTER IIT SPORTS MEET held in IIT Delhi as the captain of Institute Athletics team
 - Responsible for conducting proper practice slots for the team members
- **Department Alumni and Seminar Secretary:** [April 2011-to date]
 - Recognized as a member of Student Alumni Relations Cell (SARC)
 - Organized Buddy talks which are informal interactive sessions for final and prefinal year students in collaboration with the Placement team
 - Responsible for conducting seminar and lectures within the department throughout the semester
- **Hostel Sports Secretary:** [2010]
 - Organized many intra events to generate enthusiasm for sports among girls
 - Conducted freshie sports weekend for first year students
 - Promoted participation of girls in various General Championships conducted around the year
- **Coordinator of Entrepreneurship Cell – IIT Bombay:** [2010]
 - Handled IT/telecommunication/Electronics sector in an event named Networking Arena ensuring smooth conduct of the event
 - Worked in the Public Relations department, helped in publicizing the event through online forums, online associations, dispatching of posters to various colleges

TECHNICAL SKILLS:

- **Operating systems:** Windows, Linux
- **Programming languages:** Basic, HTML, C++
- **Software proficiency:** Adobe Photoshop, Scilab, Microsoft Office

INDUSTRIAL EXPERIENCE:

AMBUJA CEMENTS LTD.

[May-July 2011]

Study of Concrete and Steel Consumption pattern with different grades in mass housing projects

- Estimated the quantity of different grades of Concrete and Steel used in various parts of the building by analyzing their architectural and structural drawings
- Worked in the Quality Department of 7 storey's, 8-20 storey's, 30-50 storey's and >50 storey's buildings of renowned Construction companies like K Raheja and Lodha Groups for 1 week duration each
- Observed the construction process, various modern technologies used and different types of foundations
- Participated in the Ambuja Concrete Mix Design two days workshop

PROJECTS AND TECHNICAL ACCOMPLISHMENTS:

MINI NATIONAL UID FOR IIT CAMPUS

[2009]

Course Project on FINGERPRINT TECHNOLOGY USING C++ :

- Developed a C++ code by applying the finger print technology using **BIOMETRIC SENSOR DEVICE**
- The program included a driver program for Lumidigm biometric sensor device to handle various activities in the institute like registration of new students, automatic generation of their email ids, verification of their personal details and opening their accounts in the Central Library of IIT Bombay

STUDY OF THE CHARACTERIZATION OF LANDFILL LEACHATE AT THE DUMPING SITES IN KUWAIT:

[2010]

- Prepared a presentation including detailed study of leachate formation and their characteristics
- Study of problems associated with landfill leachate in Kuwait city mainly contamination of groundwater and soil degradation which are recognized as a serious issue in Kuwait and worldwide

WORK VISIT at CWPRS, Pune (Central Water Power Research Station):

[Feb'11]

- Studied and analyzed basic research to provide sound and economic solutions for hydraulic machinery, Costal engineering and foundation in structure.

FORMULA – ONE CAR RACING COMPETITION:

[2009]

- Designed a **wireless remote controlled car** whose objective was to complete the given track in least amount of time

KEY COURSES UNDERTAKEN:

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|--|---|
| • Innovation and Entrepreneurship | • Experimental and Measurement Laboratory |
| • Introduction to Industrial Design | • Introduction to Economics |
| • Design Issues | • Environmental Science |
| • Wastewater Management | |
| • Data Interpretation and Analysis(probability and statistics) | |

EXTRA CURRICULAR ACTIVITES :

- Part of IIT BOMBAY Girls Athletics team in **INTER IIT SPORTS MEET** for two consecutive years held in IIT Kanpur and IIT Delhi:
 - secured 5th position in 100m finals girls [2009]
 - secured 5th position in long jump finals
 - secured 5th position in 4*100 m relay
- Recipient of **Hostel color for Sports** award [2010]
- Recipient of **Hostel Special Mention for Sports** award [2009]
- Won Kho-kho General Championship was one of the main player in the team [2010]
- Secured 1st position in 100 m, and long jump girls finals in Athletics General Championship [2010]
- Participated in movie making competition in Freshizza-cultural festival for first year students [2009]
- Contributed in Performing Arts Festival [2010] and [2011]