HIMANSHU PAL			09004004	
Civil Engineering			UG Third Year (B.Tech.)	
Indian Institute of Technology, Bombay			Male	
			DOB: 05/08/1990	

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	7.01
Intermediate/+2	M.P. Board	Universal Academy , Indore	2008	85.30
Matriculation	ICSE	Christukula Mission School,Satna	2006	91.10

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INTERNSHIP

Spectrum Techno Consultants Pvt. Ltd. Vashi ,Navi Mumbai.   **MAY – JUNE 2011**

➢ Analysis of Structures using **SAP 2000** and **STAAD Pro** on the basis of Axial force ,Shear force and Bending Moment diagrams
  • Analyzed the structure of **Natural Draft Cooling Tower** at Jabalpur Dist. Of Madhya Pradesh using above software.

➢ Design of Structures using **Working Stress Method .**

➢ **Proposed Lane Requirements** on Vivekananda Road in Kolkata District of West Bengal by analyzing the Traffic data collected at three survey stations. Analysis included calculation of **Average Annual Daily Traffic, Hourly Variation, Peak Hour Factor, Composition of Traffic , Origin-Destination Survey and Proposed Lane requirements.**

ACADEMIC PROJECTS

➢ **Accident Analysis on Palm Beach Road**   **JAN – FEB 2011**
  Guide: - Prof. P. Vedagiri
  • **Proposed reformations in the existing designs of road, intersections and T-Junctions** in Palm Beach road to minimize accident risks by analyzing the accident data provided by Traffic Police department ,Navi Mumbai .

➢ **Application of MX – ROADS Software in Highway Designing**   **ONGOING**
  Guide: - Prof. P. Vedagiri
➢ **Fingerprint Recognition Project in C++**   **OCT – NOV 2009**
  Guide: - Prof. D.B. Phatak
  • Lead a team of five members.
  • Analyzed the various application areas of Finger Print Recognition Project and prepared a code in C++ for its use and application.

COMPUTER SKILLS

➢ *Operating Systems :-*   Windows , Linux
➢ *Programming Languages :-*   C++ , Java
➢ *Structural Analysis Software :-*   SAP2000 , STAAD PRO.
➢ *Software Tools:-*   Matlab , MS OFFICE

POSITION OF RESPONSIBILITY

- ➢ **Transport Coordinator in MOOD INDIGO 2010**
    - • **Managed Transport Requirements** of World class artistes and Top Bollywood Celebrities in Asia's Biggest Cultural Festival.
    - • Efficiently handled the transport budget of **Rs. 2 Lakhs.**

- ➢ **Mess Secretary of Hostel 9**
    - • Handled Mess related issues of around 350 hostel inmates.
    - • Introduced many new food items in the daily menu and organized various types of mess events for the first time in the hostel mess.
    - • Was awarded **Hostel Organizational Color** for outstanding performance as a council member.

- ➢ Worked as an **Organizer in MOODI 09 and Techfest 2010.**

SCHOLASTIC ACHIEVEMENTS

- ➢ Was among **top 50 toppers of class 10th** from all over Madhya Pradesh and Chhattisgarh who were invited to attend **Science Fest conducted by IISER Bhopal**.
- ➢ Secured **100% marks in Mathematics** in class 10thICSE Board Examination.
- ➢ Secured **4075** All India Rank in IIT-JEE 2009 out of 4,00,000 students approximately

KEY COURSES UNDERTAKEN

CORE COURSES:-	Solid Mechanics	Engineering Mechanics	Fluid Mechanics
	Hydraulic Engg.	Structural Mechanics-I,II	Geodesy(Surveying)
	Design of Structures	Soil Mechanics	

HONOURS COURSES:-	Numerical methods	Water Resource Engg.
	In Civil Engg.	

NON CORE COURSES :-	Probability and Statistics	Linear Algebra	Differential Equations
	Calculus	Engineering drawing	

EXTRA CURRICULAR ACTIVITIES

- ➢ Represented my hostel in FRESHIZZA 09 BAND Competition as a Lead Vocalist.
- ➢ Have won many prizes in Literary and Music Competions at School level.