



MOHIT SINGH (06CS3001)

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D-226 Azad Hall of Residence  
IIT Kharagpur

## ACADEMIC PROFILE

Year	Degree/Certificate	University/Board	Percentage / CGPA
2011	B.Tech + M.Tech(Dual) (Computer Science & Engineering)	IIT Kharagpur	6.55/10 (Upto 8/10 sem)
2006	HSC-XII	Indian School Certificate Examination (ISC)	73.40%
2004	SSC-X	ICSE	85%

## SOFTWARES / SKILLS

- Programming Languages: **C, Java, HTML, PHP, MySQL, Verilog, Python, and SPIM.**
- Operating systems: **Windows XP/98/7, Linux.**
- Mobile App Development: **Google Android Application Development(sdk2.1)**

## INTERNSHIPS

Notion Ink Design Labs (May-July 2010)	<ul style="list-style-type: none"> <li>• Understanding the Android framework initially along with the coding techniques.</li> <li>• Project was with application development team using Android sdk 2.1 and sdk 1.6.</li> </ul>
Tata Institute of Fundamental Research (May-July 2009)	Guide: Prof. R.K. Shyamasundar(fellow IEEE, senior faculty, TIFR, Mumbai) Title: <b><u>Authentication of embedded Software using Tamper Proof Hardware.</u></b> <b>Awarded grade 10/10</b>

## PROJECTS

M.Tech Project (Currently Working) 2010-2011	Guide: Prof. Indranil Sengupta (IIT Kharagpur) Title: <b><u>Security in Wireless Sensor networks.</u></b> Researching on a new data Transfer Protocol and secure key management technique.
B.Tech Project 2009-2010	Guide: Prof. Indranil Sengupta (IIT Kharagpur) Title: <b><u>Designed a Secure Firewall for Linux operating System.</u></b> Part of DRDO's ongoing project. <b>Awarded grade 10/10.</b>
Design Lab(2010)	Currently implementing a HTTP server and provisions for Security in the HTTP protocol.

## POSITIONS OF RESPONSIBILITY

Hall President	<ul style="list-style-type: none"> <li>• <b>Hall President of AZAD hall of Residence</b> for the academic session 2009-2010. Unanimously elected by 400 students of Azad Hall of Residence, IIT Kharagpur.</li> </ul>
Captain Basketball	<ul style="list-style-type: none"> <li>• <b>Basketball Team Captain</b> of Azad Hall for the Academic session 2009-2010.</li> <li>• We won <b>Silver</b> in Inter-Hall Basketball tournament</li> </ul>
Secretary	<ul style="list-style-type: none"> <li>• <b>SECRETARY</b> of Azad Hall of residence, BASKETBALL, AQUATICS, and LAWN TENNIS (B.A.L) for the academic session 2007-2008.</li> </ul>

## MAJOR ACHIEVEMENTS / EXTRA CURRICULAR ACTIVITIES

Basketball	<ul style="list-style-type: none"> <li>• Currently the member of <b><u>Inter-IIT basketball team of IIT Kharagpur</u></b> and took part in <b><u>Inter-IIT sports meet 2009 &amp; 2010.</u></b></li> <li>• Member of IIT-Kharagpur Basketball team that took part in Shaurya-09 &amp; Shaurya -10.</li> <li>• Was member of Bronze winning team of first year in the inter-hall Basketball tournament in year 2006-07 held in IIT Kharagpur.</li> <li>• Represented Lucknow District in U.P State Basketball tournament (under -19 or Junior's) where we won Silver in 2005.</li> </ul>
Best Fresher	• <b>Awarded best fresher for my all round performance in Azad Hall in my second year.</b>
Choreography	• <b>Member of Choreography team which won Silver in inter-hall Choreography event.</b>
Games Captain	• <b>Games Captain</b> of my school for the year 2005-2006.
Best Athlete	• <b>Awarded the Best Athlete of the year</b> in my school for the year <b>2002 and 2005.</b>