



## ACADEMIC QUALIFICATIONS

Examination	Year	Board/University	%/CGPA
B.Tech. (Hons.), Computer Science & Engineering	2011	IIT Kharagpur	8.31/10
Class XII, WBCHSE	2007	Uttarpara Govt. High School	85.60%
Class X, WBBSE	2005	Uttarpara Govt. High School	93.50%

## ACADEMIC DISTICNTIONS

Competitive Examinations	<ul style="list-style-type: none"> <li>▪ <b>All India Rank 1084</b> in <b>AIEEE</b> among 6,45,000 candidates; <b>State Rank 32</b> in West Bengal, 2007</li> <li>▪ <b>All India Rank 167</b> in <b>WBJEE (Engineering)</b> and <b>All India Rank 319</b> in <b>WBJEE (Medical)</b> among 2,00,000 students, 2007</li> </ul>
Scholastic Achievements	<ul style="list-style-type: none"> <li>▪ Secured <b>2<sup>nd</sup></b> position in <b>Mathematics Aptitude Test (MAT)</b> among students from <b>2000 schools</b>, '05</li> <li>▪ <b>State Level Topper</b> in Achievement-cum-Diagnostic Test in Mathematics (<b>ADTM</b>) (2003) organized by Centre for Pedagogical Studies in Mathematics, India (<b>CPSM</b>)</li> </ul>

## INTERNSHIPS AND PROJECTS

Internship	Qualcomm	May 2010 – July 2010
<ul style="list-style-type: none"> <li>▪ Part of <b>Core BSP</b> team, worked in development of <b>Test Framework</b> for <b>USB Storage</b> for <b>Android Mobile Devices</b></li> <li>▪ Succeeded in reducing <b>Operational Cost</b> of USB testing by <b>33%</b></li> <li>▪ Wrote codes for <b>JTAG License Bypassing</b> resulting <b>INR 0.1 million</b> yearly cost saving for the company</li> </ul>		
B.Tech. Project	IIT Kharagpur	July 2010 – Till Date
<ul style="list-style-type: none"> <li>▪ Project on <b>Verification</b> of <b>Equivalence</b> between <b>Sequential</b> and corresponding <b>KPN Behaviour</b> in <b>Embedded Systems</b></li> <li>▪ Working on a recently proposed algorithm to achieve the goal for <b>sequential behaviour</b> having <b>static affine nested loop</b></li> </ul>		
Summer Workshop	IIT Kharagpur	May 2009 – June 2009
<ul style="list-style-type: none"> <li>▪ Workshop on <b>INTEGRATED VLSI DESIGN</b> conducted by the <b>ADVANCED VLSI DESIGN LABORATORY, IIT KHARAGPUR</b></li> <li>▪ Designed a <b>16-bit CPU</b> using <b>Verilog</b> and implemented it on <b>FPGA</b></li> <li>▪ Received '<b>Good</b>' for overall performance</li> </ul>		

## POSITIONS OF RESPONSIBILITY

Steering Committee Member, Kshitij	<ul style="list-style-type: none"> <li>▪ <b>Guiding</b> the team of <b>15 Core Heads</b> to make <b>Kshitij 2011 Asia's Largest Fest</b></li> <li>▪ Initiated <b>ACM-ICPC Regional Contest</b>, currently <b>world's largest</b> Programming Competition at <b>IIT Kharagpur</b></li> <li>▪ Guiding Events Team in formulating new events in diverse areas like <b>Database, Carbon Trading</b></li> </ul>
Core Team Head, Kshitij (April'09 to February'10)	<ul style="list-style-type: none"> <li>▪ Among 15 member <b>Executive Committee</b> for handling <b>Asia's Largest Techno Management fest</b> leading the team of <b>25 Core Team Members</b> and <b>110 Coordinator</b></li> <li>▪ Handled a budget of <b>INR 10 million</b>, in coordination with a <b>team of 5</b> chalked entire <b>blueprint of fest</b></li> <li>▪ Introduced <b>3 new events</b> in Kshitij 2010 as an Events Head adding new dimensions to the festival</li> <li>▪ Conducted <b>Workshop</b> on <b>Cryptography</b> in <b>four major cities</b> of India</li> <li>▪ Handled the <b>organization</b> and <b>conduction</b> of <b>4 Exhibitions</b> for an audience of <b>5000</b>.</li> <li>▪ Achieved <b>sponsorship</b> of <b>INR 0.5 million</b> and footfall of <b>6000 students</b> in fest</li> </ul>
Student Manager, ACM-ICPC	<ul style="list-style-type: none"> <li>▪ <b>Student Head</b> of the Association for Computing Machinery (<b>ACM</b>), world's <b>largest</b> educational and scientific <b>computing society</b> at IIT Kharagpur</li> <li>▪ Responsible for Conduction of <b>ACM ICPC Multi Provincial Contest Overnite</b> for 2 consecutive years</li> <li>▪ Heading a technical team of 12 members which involved <b>development</b> of the <b>back end</b> and <b>front end</b> of the system for event (online) conduction to framing of questions</li> <li>▪ Achieved participation from <b>15 foreign universities</b> in the event</li> </ul>
Founder, Genese-de-Strategie	<ul style="list-style-type: none"> <li>▪ <b>Founder</b> of <b>Genese-de-Strategie</b>, first society in IIT Kharagpur aimed at developing awareness about <b>Business World and Finance</b> among students</li> <li>▪ <b>Head</b> of the subgroup "<b>Business Strategies</b>" comprising of 20 members</li> <li>▪ Responsible for <b>Current Activities</b> of the society and formulating its <b>future goals</b></li> </ul>

## EXTRA CURRICULAR ACTIVITIES

- Member of **National Social Services (NSS)** during 2007 – 2008 as a part of Literacy Campaign in local villages
- Learnt **9** different **programming languages** including high level and hardware description languages
- Member of the **Inter Hall Team** of **Long Distance Running** and **Eastern Instrumental**