

SOURAV DAS (07EE1002)

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ACADEMIC QUALIFICATIONS

Examination	Year	Board/University	CGPA
B.Tech (Hons.), Electrical Engineering	2011	IIT Kharagpur	7.13/10 (up to 6 th semester)
Class XII (CBSE)	2006	B.D. Memorial Institute, Kolkata	82.4
Class X (CBSE)	2004	B.D. Memorial Institute, Kolkata	87.8

ACADEMIC DISTINCTIONS

All India Rank SC103 (Top 0.1%) out of about 200,000 candidates in **IIT JEE 2007**

State Rank 315 (Top 1.0%) in **AIEEE 2006**

Among **Top 0.1%** in **WBJEE 2006** out of about 100,000 candidates

Among **Top 3** for **4 consecutive years** (2002-2006) at B.D. Memorial Institute based on academic performance

SELECT PROJECTS AND INTERNSHIPS

B.Tech Project 2010-Present	<ul style="list-style-type: none">Currently working on a Periodic Compensation algorithm for stabilizing an Inverted Pendulum System
Internship at Electrical Research & Development Association, Vadodara May-June 2010	<ul style="list-style-type: none">Performed Finite Element Method analysis of a 400kV High-Voltage Silicone-Rubber insulator under various polluted conditions using Maxwell 2DAnalyzed the electrostatic and voltage distribution of the insulator under polluted conditionsSuggested improvements regarding the placement of the corona rings to reduce the maximum electrical stress on the conductorThe suggested improvements are being implemented by the company in their current High-Voltage insulator design
Internship at Wesman Engineering Pvt. Ltd, Kolkata May-July 2008	<ul style="list-style-type: none">Studied the entire manufacturing process and helped in implementing the ERP systems at their manufacturing location

POSITIONS OF RESPONSIBILITY

Group Head, Technology Robotix Society, IIT Kharagpur	<ul style="list-style-type: none">Designed and built a Mesh-climbing robot during the summer workshop 2008-2009. Design was adjudged the most innovative among 150 other participations during the robotics competition, Kshitij 2009Designed and built an autonomous car parking system that enable cars to search for and park itself in empty spaces in a parking lot without any human intervention
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LANGUAGES

Fluent in English, Bengali, and Hindi

EXTRA CURRICULAR ACHIEVEMENTS

Freelancing	<ul style="list-style-type: none">Working as a freelance video and audio editor, article writer, web designer and Search Engine Optimization expertAs a result of my work I have learnt a lot of softwares and languages like C, Maxwell 2D, Ulead, Vegas pro, Html, CSS, basics of PHP, Wordpress and Joomla
Social Initiatives	<ul style="list-style-type: none">Member of an NGO, Gopali Youth Welfare Society (GYWS), helped raise funds from the faculty and students of IIT Kharagpur to set up a primary school in Gopali villageMember of the National Service Scheme, IIT Kharagpur, 2008-2009, surveyed the nearby village of Balarampur and suggested technical improvements to the fisheries in the area.Cadet in National Cadet Corps. (NCC), IIT Kharagpur and secured B-Certificate level
Entertainment	<ul style="list-style-type: none">Won 2nd Prize in Logo Designing Competition, Spring Fest 2008Participated in Inter Hall Bengali and Hindi Drama Competition, 2008 – 2010Participated in the finals of the Film-making Workshop organized by Yellow Submarine Pvt. Ltd, Kshitij 2009Participated in the robotics event Stakistics and Terra-Ranger during Kshitij 2008 and was one of the 16 teams, among 150 participating teams, to qualify for the 2nd round of StakisticsMember of the Inter Hall Hardware Exhibition Team, 2008-2009