SUDIPTO KARMAKAR (06ME3108)

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ACADEMIC QUALIFICATIONS

Degree Obtained	*Name of Institution*	*Percentage/ CGPA*	*Year*
B.Tech+M.Tech (Mechanical Engg.)	IIT Kharagpur	7.97/10.00	2011
AISSCE (XIIth)	DAV Model School	89.2%	2006
AISSE (Xth)	DAV Model School	89.2%	2004

ACADEMIC DISTINCTIONS

Examinations	➢ All India Rank **1481** in **IITJEE** among **300,000** candidates (2006). ➢ Rank **42** in state in **AIEEE** (2006).
Scholastic Achievements	➢ Awarded the prestigious **NTSE Scholarship** by **NCERT** (2004). ➢ Awarded the prestigious **JBNSTS Scholarship** (2007). ➢ Was placed among **top 1%** of the participating students in the **National Standard Examination in Chemistry**, and was subsequently invited to participate in the **Indian National Olympiad in Chemistry**. ➢ Was placed in the **top 10%** of students in **the National Standard Examination in Physics.** ➢ Won the **Third Prize** in the Directed domain Contest of **The National Creativity Olympiad** organized by **The Institution of Engineers** (India) (2004).

WORK EXPERIENCE/INDUSTRIAL INTERNSHIP

Bharat Dynamics Limited, Hyderabad **May – June 2009**

Project Title:	Automation of Capacity Planning, Component Scheduling, Routing, Machine Loading and Prioritization
Impact:	Efficient allocation of Resources, labour and time management resulting in overall production efficiency was ensured.

PROJECTS

B.Tech Thesis: Microcapillary Filling with Phase Change ***Project Guide:*** Dr. Suman Chakraborty

Achievement	A Theoretical formulation describing the motion of a liquid body in a rectangular microcapillary tube was developed and was found to satisfy the experimental results.

M.Tech Thesis: Modelling of Ultrasonic Machining of Brittle Materials ***Project Guide:*** Dr. P. Saha and Dr. S.K. Pal

Work in Progress	A Numerical and Soft Computing Model is being developed for the experimental behaviour of the various process parameters in the Ultrasonic Machining of Brittle materials.

TECHNICAL SKILLS

Programming Languages	*Packages*	*Operating System*
C,C++	Matlab, Solidworks, Autocad, EES, Symbols Shakti	Windows, Linux

EXTRA CURRICULAR ACTIVITIES

NCC	➢ **B level Certificate** holder in the **National Cadet Corps**.
Quiz	➢ Won the **Third Prize** in General Quiz Fresher's Tournament (2006-2007).

POSITIONS OF RESPONSIBILITY

College	➢ **Team Representative** for the Educational tour of various Bangalore Research Institutes/Industries of the **JBNSTS scholars** (Batch 2007). ➢ Member of Hall Illumination and Rangoli Team (2007-2008).
School	➢ **Head** of the School quiz team (2003-06).