

SANTANU MONDAL

D-107,Rajendra Prasad Hall of Residence

IIT Kharagpur, West Bengal,India

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EDUCATION:

Year	Degree/Certificate	Institute/School	Year/Standard	CGPA/Percentage
2007-2011	B.Tech Mechanical Engineering	IIT Kharagpur	Final Year Undergraduate	8.02/10.00
2007	West Bengal Council of Higher Secondary Education	Kolaghat Thermal Power Project High School	XII(High School Final)	81.67%
2005	West Bengal Board of Secondary Education	Kolaghat Thermal Power Project High School	X(School Final)	85.38%

ACADEMIC ACHIEVEMENTS

- Selected for **Merit-cum-Means Scholarship** for good academic performance in IIT in **2010**
- Was Among 100 selected candidates for **Indian Statistical Institute(ISI), Kolkata** in **2007**
- Awarded by **West Bengal Power development Corporation Limited(WBPDCL)** for outstanding result in school final examination in **2005**
- Awarded certificate of merit from **Centre for pedagogical studies in mathematics** for excellent performance in **achievement-cum-diagnostic test in Mathematics** in **2004**
- Granted scholarship for distinction in **Nation Talent Search Examination** in **2003**.

Relevant Courses Taken:

<ul style="list-style-type: none">Engineering Drawing and computer graphicsProgramming and data structureSimulation of mechanical systems	<ul style="list-style-type: none">Kinematics of MachinesDynamics of MachinesMechanics of SolidsMaterials EngineeringDesign of Machine elements	<ul style="list-style-type: none">Manufacturing ScienceCasting ,Forming,WeldingMachine Tools And MachiningOperation research	<ul style="list-style-type: none">Heat TransferAdvanced Fluid MechanicsThermofluidsRefrigeration and Air conditioning	<ul style="list-style-type: none">Automobile EngineeringModern Control TheorySolar Energy TechnologyCryogenic Engineering
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COMPUTER SKILLS

- Operating Systems:** WindowsXP/vista/7,Linux(redhat/ubuntu)
- Programming Languages:** C,C++,HTML, Visual Basic
- Programming Tools:** MATLAB, Auto-CAD, Symbols Shakti

PROJECTS & INTERNSHIP

IIT Kharagpur	B.Tech Project(Aug,2010-April,2011):
	<ul style="list-style-type: none">Simulation of Vapour Compression Refrigeration Cycle(VCRS) under frosting Condition Under the guidance of prof. M. Ramgopal :VCRS model under frost formation at the evaporator is designed and simulated in MATLAB and EES(Engineering Equation Solver).
	Summer Project(May,2009-Jul,2009):
	<ul style="list-style-type: none">Smooth Particle Hydrodynamics Method is studied and applied in fluid flow and heat transfer models in C++ Language.
Bharat Dynamics Limited,Hyderabad	Summer Internship(May,2010-Jun,2010):
	<ul style="list-style-type: none">Capacity Planning, Automation, Scheduling and Prioritization of production process of C-303 decoy system(anti missile) using Visual Basic software: Software designed for production planning control and shop floor management for CPIGMP division of the company.Mr. M Duraiswami ,Sr manager CPIGMP, BDL highly appreciated our efforts in completion of this project.

EXTRA ACDEMIC ACTIVITIES

CULTURAL & CO-CURRICULAR ACTIVITES	<ul style="list-style-type: none">Won silver for Rajendra Prasad Hall Of Residence in Inter Hall Dramatics competition.Won gold for KTHP high School in Inter School cricket competition.Member of Energy Audit team(initiative by IIT Kharagpur students in co-operation with AIESEC).Former member of ASHRAE(American Society of Heating ,Refrigerating and Air-conditioning Engineers)
SOCIAL WORK	<ul style="list-style-type: none">Volunteered in the “Study Programme” for underprivileged young aspirants of JEE to teach them on weekly basis under National Service Scheme(NSS) in 2009.Succesfully completed Annual Training camp of NCC,3 Bengal Air SQN at Pingla(Dec 2007)