

MOHAMMAD ARSHAD (07MF1023)

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ACADEMIC QUALIFICATIONS

Examination	Year	Board/University	%/CGPA
B.Tech. (Hons.), Manufacturing Science & Engg.	Upto 6 th sem	IIT Kharagpur	8.31/10
Class XII, CBSE	2006	Delhi Public School, Bokaro	92.00
Class X, CBSE	2004	Sido Kanhu High School, Dumka	93.60

ACADEMIC DISTINCTIONS

Scholastic Achievements	<ul style="list-style-type: none">Secured Department change after first year, owing to academic excellence at IIT Kharagpur,'07Certificate of Merit by CBSE for 100% marks in Mathematics in X and XII board exam & 99% marks in English in XII board examRepresented my school at state level in National Science Congress Competition, 2002Best outgoing student award for overall excellence out of 250 students, Sido Kanhu High School,'04
Competitive Exams	<ul style="list-style-type: none">All India Rank 2691 in AIEEE among 650000 candidates; State Rank 92 in Jharkhand, 2007Rank 1 in the district in X CBSE board examination, 2004

INTERNSHIPS

B.Tech Summer Intern May'10 - July'10

South China University of Technology, Guangzhou	<ul style="list-style-type: none">Designed an efficient and economical microreactor with 95% hydrogen selectivity (15% higher than the conventional microreactor) for the methanol steam reforming processDeveloped a microreactor that can generate hydrogen enough to power 15W fuel cellReceived 10/10 for overall performance during the Summer Internship
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Summer intern June'09 - July'09

Jindal Steel & Power Ltd.	<ul style="list-style-type: none">Conceptualized the installation of Air Pre-heater in Waste Heat Recovery Boiler in Plant-1Achieved a reduction in unburnt carbon & gas loss in the power plant.Overall 1.5 MW extra power generation from each boiler in the power plant.
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POSITIONS OF RESPONSIBILITY

Committee Positions	<ul style="list-style-type: none">Committee Member, Technology Literary Society, IIT Kharagpur, 2008-09<ul style="list-style-type: none">Introduced the concept of monthly Wall Magazine (Hang On), IIT KharagpurFounding Member, Debate Club (official club), IIT Kharagpur, 2008Elected 'Literary Secretary' of Social & Cultural Committee in the hall, 08-09<ul style="list-style-type: none">Led the hall to 1st place (after 3 years) amongst 18 halls in Literary Cup, IIT Kharagpur, 08-09Coordinated 350 students & managed INR 12,500 to organize Literary events
Head	<ul style="list-style-type: none">Event and Sponsorship Head of the Annual Cultural Event KHOJ, IIT Kharagpur, 2010<ul style="list-style-type: none">Raised record sponsorship of INR 24,000 (50% increase YoY) and a record 1000 participants
Advisor	<ul style="list-style-type: none">Nominated as Social and Cultural Advisor out of 350 students in the hall, 2010<ul style="list-style-type: none">Coordinating the Social and Cultural events of the hall

EXTRACURRICULAR ACHIEVEMENTS

Sports	<ul style="list-style-type: none">Hockey: Gold and Silver Medal in Inter Hall Tournament, IIT Kharagpur, 2010, 2009Football: Silver Medal in Inter House Competition at Delhi Public School, Bokaro, 2006
Dramatics	<ul style="list-style-type: none">Gold Medal in Open IIT Hindi Dramatics Competition organized by Gymkhana, 2008
Fine Arts	<ul style="list-style-type: none">Represented the hall in Thermocol and Clay Modeling Competition, IIT Kharagpur, 2009First Position for Best Sets in Open IIT Hindi Dramatics Competition, 2008
Quizzing & Public Speaking	<ul style="list-style-type: none">Second position in Fresher's Quiz Competition organized by Gymkhana, IIT Kharagpur, 2007Represented the hall in open IIT Hindi Elocution and Debate competition, 2008
Community Service	<ul style="list-style-type: none">Awarded Certificate of Effort by Caring Souls Foundation in recognition of the outstanding social services rendered to alleviate the sufferings of Needy Cancer Patients and Kids, 2005