

SCHOLASTIC ACHIEVEMENTS

- NTS (National Talent Search) Scholar 2008. Bagged 25th position in first round(Rajasthan)
- Awarded certificate of excellence for being in top 1% in National Physics Olympiad'08
- Amongst top 100 performers in State Talent Search Examination(STSE'06),Rajasthan
- Scored more than 75% in BITSAT'08

PRACTICAL TRAINING & INTERNSHIPS

Finance

ADITYA BIRLA MONEY

[June'11-Present]

Portfolio Management, *Guide: Mr. Joseph Thomas, Head-Research & Advisory*

- Investigated Portfolio Management, financial planning and investment proposals with major focus on Fixed Income Portfolio's
- Speculated the major players in the PMS to find the various advantages and disadvantages
- Structured a successful dummy portfolio which made absolute returns of **5.23%** within just **2 months** of conception during the time of crisis

Chemical Engineering

CADBURY INDIA (KRAFTS FOODS LTD.)

[June'11-July'11]

Cocoa Bean Roaster Modelling

- Developed a model to predict variation of temperature and moisture content of cocoa beans in roaster
- Inspected change in time taken to reach desired moisture content and temperature by changing various parameters for **optimization** of the process

Analysis

INDIAN METAL OVERSEAS CORPORATION (IMOC)

[May'11-June'11]

Business Development

- Examined advantages and disadvantages of various states in India with reference to trade policies
- Comparative analysis between India and China and Brazil trade policies
- Diagnosed various sectors and products for representation
- Structured a **layout** for developing a new branch of outsourcing

ICRA MGMT CONSULTANCY SERVICES

[Jun'10-July'10]

Augmentation of Indian Chemical Industries, Dept. Of Science and Technology, India

- Analysed the conditions of research in pharmaceutical industries in foreign countries
- Investigated drawbacks of Indian industries as compared to foreign industries
- Pinpointed various **bottlenecks** in the academic research system
- Identified new methods of Drug delivery, hot topic in Pharmaceutical Research

Mentorship

RESONANCE COACHING CLASSES

- Organized **seminars** for parents of IIT aspirants to help them guide their child. [June 2008]
- Mentored IIT aspirants and assisted them in optimizing their JEE preparation. [June 2009]

POSITIONS OF RESPONSIBILITY

MANAGER PUBLICITY, AZeotropy'11 (Dept. Fest cum Symposium, Chemical Engineering)

- Led a 2-tier team of more than 25 volunteers to conceptualize and execute publicity campaign for AZeotropy, resulting in **overseas participation** and a **footfall of over 1000**.
- Initiated and executed the concept of '**College Ambassadors**' for effective publicity in target colleges.

JOINT SECRETARY, Dept. of Chemical Engg.

[April'10-April'11]

- Responsible for conducting all the social activities of more than 600 students
- Revised the design of souvenir to make it more **interactive** and useful for the passing out batch.

MUSIC SECRETARY, Hostel 10, IITB

[Feb'08-Feb'09]

- Revolutionized the scene of Western music in hostel, leading to participation of an **all-girls band** in any staccato (Western Music Club) event for the **first time in IITB**.
- Conceptualised the competition 'Besura Idol', to increase the participation of non-singing music enthusiasts.

COORDINATOR, Entrepreneurship Cell (Media Marketing)

- Part of the **editorial team** of the E cell magazine EnSpace, interviewed a lot of eminent corporate personalities like **Kashyap Deorah, Saurabh Agarwal** for the same.
- Invited and handled prominent media houses

KEY ACADEMIC PROJECTS

OPTION GREEKS

Guide: Prof. Puja Padhi, Dept. of Humanities and Social Sciences

- Investigation of various greek letters and their use in hedging risk for options.
- Calculation and interpretation of greeks for options using Black Scholes Model for **real time data**.
- Explored the use of Greeks for **hedging**.

ENGINE COMPATIBILITY STUDY (BIOSYNTH)

Guide: Prof. Sanjay Mahajani

- Researched the quality of indigenously prepared Biodiesel and its implications on a diesel engine.
- Compared the efficiency by running tests on a diesel engine using biodiesel against diesel
- Deduced that diesel engine running with biodiesel lead to **reduced emission** of CO by **12%** and **unburnt hydrocarbons** by **37%** with only 1.6% decrease in efficiency

EXTRA CURRICULAR ACTIVITIES

Music:

- Bagged **2nd position** in Hindi Band inter hostel competition as lead singer
- **Only fresher** to make her way through two rounds of rigorous auditions to the prestigious stage of Swarsandhya.
- Opened the **Institute Cultural Night** consecutively for two years'09,'10 for prestigious artists like Mohit Chahuhan and Javed Ali.
- Performed on the prestigious stage of **Surbahar** consecutively for three years'08,'09 and'10
- Chosen as the first ever **Hostel Idol**(singing)
- Awarded with a **special mention** for contribution in Performing Arts Festival Music(Composition)
- Represented IIT Bombay in various inter-collegiate festivals like Malhar and Umang

Others:

- Bagged **4th place** in Dramatics GC; contributed through back vocals and background music.
- Performed in the **Annual InSync Dance Show 2009**
- **1st** place in Tug-o-War GC 2009