



Aditya Poonia
Metallurgical Engineering & Material Science
Indian Institute of Technology, Bombay

09011021
UG Third Year (B.Tech.)
Male
DOB: 09-08-1990

| Examination | University | Institute | Year | CPI / % |
|-----------------|------------|----------------------|------|---------|
| Graduation | IIT Bombay | IIT Bombay | 2011 | 8.79 |
| Intermediate/+2 | CBSE | Saint Xavier, Jaipur | 2008 | 87.60 |
| Matriculation | CBSE | Saint Xavier, Jaipur | 2006 | 91.60 |

SCHOLASTIC ACHIEVEMENTS

- **Department Rank 2** amongst 96 students of Metallurgical Engineering and Materials Science, IIT Bombay
- Awarded for being amongst **top 10%** in the National Standard Examination in Physics, 2008
- Awarded **Ministry of Steel scholarship** by the Ministry of Steel, India
- Secured **State rank 25** and shortlisted for interview round of National Talent Search Scheme NTSE, 2006
- Was amongst **450 students** who were shortlisted for the interview round of KVPY (Kishore Vaigyanik Pratishthan Yojna) -2007
- Secured **State Rank-21** in the **State Science Talent Search Examination-2006**

POSITIONS OF RESPONSIBILITY

CORE GROUP MEMBER, COMPETITIONS AND LYP CAMPAIGN, MOOD INDIGO 2011

(April '11 – Present)

Mood Indigo is the largest college cultural festival in India with a budget exceeding INR 15 million and a participation of over 72,000 students from over 500 colleges from across the country.

- Leading and Motivating a **2- Tier team** comprising of over **150 volunteers** to conceptualise, innovate and execute over 30 inter-collegiate competitions for more than 5000 participants from all over India
- Managing and mobilising a budget of over **INR 1 million** and strategically allocating the same
- Revolutionised the entire structure and functioning of the department by undertaking the **“Live Your Passion”** Campaign to promote excellence in the field of Art and Culture
- Formulated key online and on ground campaigns to increase the outreach and connect of the festival
 - Played a leading role in formulation of **“MI Hall of Fame”** to recognise the talent among past winners
 - Conducting **Multicity competitions** in major cities to increase the participation and credibility of Competitions
- Innovated and introduced **new participant friendly measures** based on strong feedback from participants as
 - Shift to an **automated online procedure** for registration and Slotting reducing last minute hassles and thus improving administrative efficiency.
 - Launch of an **event-wise inquiry system-IVRS** and online- ensuring greater responsibility among organisers.

MUSIC AND DANCE SECRETARY, HOSTEL SEVEN, IIT BOMBAY

(Aug'10-April'11)

- **Elected representative** of 400 students, led the team of 30 members in Gyration 2010 (Annual Dance General Championship) which won a position for the **first time in the span of 7 years**
- Introduced Dance and Music, workshops and classes for the **first time** to develop a talent pool in the Hostel

CO-ORDINATOR, MEDIA AND PUBLIC RELATIONS, MOOD INDIGO 2010

(Mar'10- Dec'10)

- Developed an extensive media plan and **negotiated deals with Bombay Times**, the largest daily in Mumbai with a combined readership of over 1 million.
- Worked in a team of 15 members to **connect and contact** various Media bodies to secure sponsorship and publicity mileages for the festival.

ACADEMIC PROJECTS

BUSINESS PLAN DEVELOPMENT

(Jul'11 - Present)

Guide: Prof. N. Venkatramani | Course: Entrepreneurship in Material Science

- Analysing the Market in Materials, its various aspects, features and components to come up with a Business plan model in the area
- Fabricating an internal operation plan considering the viability and profitability of the venture

FINANCIAL STATEMENT ANALYSIS

(Jul'11- Present)

Guide: Prof. Varadraj Bapat | Course: Accounts and Finance

- Exhaustively studying the current financial position of '**Cipla Limited**'
- Computing CG (Corporate Governance) score to evaluate company's compliance to the accounting standards

STRUCTURAL ANALYSIS OF MONUMENTS

(Oct'10- Nov'10)

Guide: Prof. K Narsimhan | Course: Structure of Materials

- Physically created the working model of '**London Eye**'
- Presented important data on stresses and strains developed in the structure and illustrated it with calculations
- Suggested ways to improve the strength and durability of Ferris wheels

TRANSIENT CONDUCTION - CASE STUDY

(Sep'10- Oct'10)

Guide: Prof. N Vishwanathan Nuni | Course: Transport Phenomenon

- Led a team of 3 students to write codes in MATLAB for solving problems in transient conduction through semi infinite heat slabs and problems where lumped capacitance approach was valid
- Compared the results to a practical data set which matched with an **error of less than 1%**

EXTRA CURRICULAR ACHIEVEMENTS

DANCE AND CHOREOGRAPHY - *spearheaded dancing activities as a core club member, choreographer and performer for more than 20 dance events over past 2 years*

- **2nd** in Group Dance at **IIMA's annual cultural festival CHAOS'11**
- **3rd** in **UV Dance** at **St. Xavier's Malhaar'10**
- **4th** in **Gyrations 2010** : Director, Choreographer and Lead Dancer
- **2nd** in Choreography in **Performing Arts Festival'10,'11**
- **1st** in Group Dance Competition at the freshmen cultural festival-Freshiezza
- Selected among **Top 10 dancers from** a batch of 1500 students in solo dance event at Freshiezza
- Lead dancer and choreographer in **AIDS'10,'11** (Annual Dance Show of IITB)
- Instructed in the Institute workshops of Salsa, Jive, Rock-n-Roll and Hip Hop
- **Mentored and motivated** dancers, performers and novice choreographers leading them to showcase a performance at various stages in the institute including Freshmen cultural festival' 11

DRAMATICS AND MUSIC

- Represented IIT Bombay in various inter-collegiate festivals in Dramatics and Music
- **Lead actor** in the Annual Sophomore productions'10
- **1st** position in the situational acting Hostel event. Received special mention for the best narration.
- Avid listener of rock music , performed as a **lead vocalist** in Unplugged'09 (Annual Band event at IITB)

OTHERS

- **Editor**, X-Rays (School magazine) for two consecutive issues.
- Won **2nd position** in the Swimming GC'10 in freestyle relay. Part of the Hostel Swimming team, completed a 10 month course in swimming certified by **National Sports Organisation**
- Designed a **wireless, RF Circuit powered vehicle** under the program Trackmania- tech challenge