

## EDUCATION

### Indian School of Business

*Post-Graduate Programme in Management (Intended Major in Strategy)*

APR '15 – APR '16

- President, Quizzing Club, ISB – Conceived and launched **ISB's First Flagship Business Quiz** with participation of 235 teams
- Campus Finalists of LIME 7, an inter B-school marketing and business challenge competition by **HUL** (one of 5 out of 60 teams)

### Indian Institute of Technology, Roorkee

*Bachelors of Technology in Materials and Metallurgical Engineering (CGPA of 8.120 / 10)*

AUG'08 – MAY'12

- Qualified through IIT JEE by securing a top 1% rank
- Completed characterization project on **novel** method (Spray Forming) of aluminium alloy production for use in automobile industry
- **Internship – Tata Steel, India**
  - Developed **first ever** mathematical model to estimate weight of liquid steel by analyzing over **100 live parameters**
  - Presented results to **Chief Technical Officer (Steel), Tata Steel** and received **Pre-Placement Offer** (20 offered from over 100)

## WORK EXPERIENCE

### KPMG – Consultant (Shared Services and Outsourcing Division)

MAY'16 – PRESENT

*Proposed set up of HR shared services of one of India's largest conglomerates*

- Process mapping done for 12 businesses ranging from manufacturing to trading and data from over 1000 employees captured
- Developed interactive business case for HR Shared Services with 4 changeable parameters and updateable for future use

### TATA STEEL – Manager, Operations

JUL'12 – MAR'15

*(Responsible for annual business planning, managing process, production, daily management, raw material management)*

### ACHIEVEMENTS

**Achieved savings of ₹340 Crore (INR) year-on-year by reducing fuel rate**

- Presented paradigm changing results to **MD and President, Tata Steel**, and received go-ahead for implementation division-wide
- **Led team of 6 Process Engineers** for achieving the savings:
  - **Developed 5 projects** after leading a brainstorming session and determined deliverables, timelines and team members for each.
  - Analyzed and modeled over **500 parameters** to deliver actionable recommendations reviewed weekly in Process Meeting.
  - **Initiated knowledge repository system** for easy knowledge sharing between process engineering, technology and R&D.

**Achieved savings of ₹114 Crores by reducing Major Shutdown from 75 Days to 56 Days**

- Managed planning of **first of its kind shutdown** in Tata Steel with **4 different contractors** and over 300 individual line items.
- **₹6 crores per day** saved by application of **CCPM methodology** to reduce the Major Shutdown duration **from 75 Days to 56 Days**.
- Managed **first of its kind** Pre-Safety Start-up Audit and Review alone as a fresher, completing it successfully on time for start-up.

### INITIATIVES

**Led Innovation project to Regional Finals in Regional TATA INNOVISTA AWARDS**

- Explored areas for innovation for safety, environment and cost cutting to develop two projects, both reaching company finals.
- Saved **₹2.5 Crores** by saving **2520 tons of Hot Metal** from being dumped (scrapped), reached regional finals.

**Identified and Quantified ₹200 Crores impact of Liquid Steel transfer between Steelmaking units**

- Modeled Monte Carlo Simulation for **6M tons of liquid steel** (two steel units in Tata Steel) with over 10 parameters with variability.
- Identified cost saving by transfer of liquid steel between steelmaking units in **2 months** for Business Process Enhancement department
- Results presented to **Chief Technical Officer (Steelmaking)**, Tata Steel, and forwarded for trials.

**Conceptualized and Built New Quality Assurance Process Team for Ironmaking Division**

- **Liaison with 13 departments** to create a new team of Quality Assurance for the division and conducted monthly reviews.
- **Three capital projects generated** out of the new Quality Assurance System, one implemented and rest under installation.

## EXTRA-CURRICULAR ACTIVITIES

### Quizzing

- Organized two Quizzes in Tata Steel and in two Schools in Jamshedpur with participation from over 20 schools (over 150 students).
- Winner of **Tata Crucible** Regional Round (Representing Tata Steel) (2015) with participation of over 100 participants.
- Winner of **Flagship IIT Roorkee Inter-college Quiz** two years consecutively ('11, '12), with over 30 national teams participating.

### Debating

- Revived Debating Society in IIT Roorkee and participated in national debating competitions.
- Organized Vox Populi (2010), IIT Roorkee Debating competition with **participation from 15 colleges** from all over India.

Creative Editor of Cognizance (2010): Technical Festival at IIT Roorkee (over 2000 participants from all over India).

- Conceptualization and copy-writing of the description of the entire Cognizance 2010 event and its constituents (news flyers).
- Editing of entire web, brochure and journal content of Cognizance, 2010 before and after the event for pitching to sponsors.