



Apoorv Kesharwani  
Mechanical Engineering  
Indian Institute of Technology, Bombay  
Specialization: Computer Aided Design (CAD) & Automation

08010005  
Dual Degree (B.Tech+M.Tech.)  
Male  
DOB: 09/04/1989

| Examination | University | Institute  | Year | CPI / % |
|-------------|------------|------------|------|---------|
| Graduation  | IIT Bombay | IIT Bombay | 2012 | 8.01    |

## SUMMARY

*Led multiple teams, pursuing creativity and rigor, to deliver a positive impact on the organizations and society*

## LEADERSHIP ROLE

### MARKETING MANAGER, THE ENTREPRENEURSHIP CELL, IIT BOMBAY

2010-11

*Motive: Leadership, from a stepping stone of high impact*

#### Action

- Led a 2-tier team of 30 volunteers to oversee marketing of all events
- Identified philanthropy** as a new sponsor segment
- Convinced IIT Alumni to invest INR 90L on Entrepreneurship at campus
- Introduced prize sponsorship category in Eureka!
- Associated with NUS enterprise, i-Weekend(Spain) and TED
- Led** recognition: Eureka! as Asia's largest B-plan comp-Thomson Reuters
- Forged long term association with Essar group in my pre-manager term

#### Impact

Raised total **INR 1.5Cr**, 3X in an year  
INR 1Cr raised from philanthropy  
**First student venture fund** in India  
Secured INR 10L yearly for next teams  
Global branding  
Participation doubled in an year  
E-Cell's **first corporate patron**

## SOCIAL INNOVATION

### PROJECT LEADER, ANIMAL DRIVEN GENERATOR | CTARA, IITB

2011-12

*Motive: To pursue childhood dream: using my education to help society live better*

- Built** a 4000 Whr/day **animal driven electricity generator** at Sri Gopal Goshala, Bhiwandi (Maharashtra)
- Powered 2 street lights** in Goshala campus through the generator
- Demonstrated feasibility of scaling the prototype as a low cost **off-grid alternative for rural farming**
- Coordinated with an 8 member team comprising students, industrial veterans, professors and technicians
- Conducted live experiments, theoretical analyses, fabrication and assembly of parts
- Submitted design modification report to improve efficiency from 31% to 78%

## SCHOLASTIC ACHIEVEMENTS

### PUBLICATIONS ON EDUCATION REFORM

*Published two papers at national and international level conferences*

- "Restructuring Teacher Education in a Global World"-Universities Grant Commission(UGC) 2012
- "Web based collaborative perspective sharing of academic ideas" –Global Education Research Association 2012

### OTHERS

- Passed **CFA level 1** exam with distinction in 6/10 subjects 2012
- Ranked 3rd out of a base of 40,000 people in the **NDTV Scholar Hunt** held by University of Warwick, UK 2007
- Awarded the prestigious **NTSE scholarship** by Government of India 2005

## INTERNSHIP

### NRB BEARINGS, CORPORATE ENGINEERING CENTRE

2011

*Product Design Research (Thrust bearings); awarded Letter of appreciation*

- Researched technical papers and patents to establish heuristics of thrust bearing design
- Performed technical due diligence for **Mercedes Benz's** NAGIII automatic transmission bearing order

## EXTRA-CURRICULAR ACTIVITIES

### SPORTS

- Completed the Standard Chartered Mumbai Marathon (**half marathon** category) 2012
- Winner of Silver Medal twice in **National Karate Championship** 2001
- District champion in Judo; represented Sagar district in MP state Taekwondo championship 2001-02

### SPECIAL INTERESTS

- Avid reader of Business Line and The Hindu; admirer of its Ahead of Times campaign
- Volunteered at Teach me, an initiative to coach underprivileged students 2009