

Rachana Meena **Chemical Engineering** Indian Institute of Technology, Bombay 170020061 B.Tech.

Gender: Female DOB: 25-02-2000

Examination	University	Institute	Year CPI / %
Graduation	IIT Bombay	IIT Bombay	2021 null

# **POSITIONS OF RESPONSIBILITY**

#### Institute Cultural Nominee | Cultural Council, IIT Bombay

[Aug'20-Present]

Leading a 3-tier team of 75 students to execute 100+ events in online mode for over 4,000 people; moderating budget of INR 7 M

**Endeavors** 

Reforms

- Spearheading ideation of 14 clubs of different genres to revamp the functioning and execution of events in online mode
- Procuring funding from MHRD for 'Ek Bharat Shrestha Bharat' a 16 event series exhibiting Indian cultural diversity • Revamping the General Championship rulebook, enforcing 100+ reforms in guidelines to conduct online competitions
- Achieved 50% reduction in vendor payment processing time by digitizing the paper work and transaction process

#### Events Head | The Entrepreneurship Cell, IIT Bombay

[Apr'19-Mar'20]

Asia's largest student run college Entrepreneurship promoting body, patronages from UNESCO, Startup India with a budget of INR 25 M+

- Led a 2-tier team of 150+ volunteers, executing 2 international, 7 national and 30+ institute events catering to 5k+ • Established 150+ E-Cells, deliberated mentorship plans for development of startup culture in 700+ colleges in India
- Partnered with 20+ regional mentors reducing 60% logistical costs of 30+ B-model workshops; revenue INR 1.8 M

  - Conducted first-ever Indian chapter of the Entrepreneurship World Cup 2019 with 100k+ start-ups from 100+ countries
- Reforms

Role

- Launched a portal at pan-IIT level to connect prospective co-founders and interns with 1k+ startups; 250% Y-o-Y
- 'Eureka! '19' -formed alliances with 8+ international firms; achieved 100% Y-o-Y increase in prize amount to INR 10 M
- E-Summit
- Mobilized budget of INR 2 M to host 130+ speakers for 2-day symposium catering to 30K+ students and professionals
- Organized 'TTMM', a flagship Shark Tank- style pitching event, leading to on-spot funding of INR 4.8 M to 3 startups

### Activity Associate | Educational Outreach, NSS IIT Bombay

[Apr'18-Mar'19]

Managed 50+ volunteers, spearheaded 4 year-long initiatives; selected among 150+ applicants for a team of 30

Reforms • Strategized and mitigated roadblocks in 'Adult Literacy Program', imparted lessons to 20+ mess and hostel workers

**Impact** 

- Aided 20+ blind NGOs across India via YouTube handle 'Voice For Purpose' created 100+ audiobooks, 200% Y-o-Y views
- Successfully executed an online socio-art competition 'The Artistic Impact' at national level, witnessed 2500+ participants

## **PROFESSIONAL EXPERIENCE**

### JSW Steel | Sustainability Department Intern

Undertook 1st of its kind study of the Indian steel industry, prepared a customized 'Decarbonization Pathway' to attain carbon neutrality

- Traced technical and regulatory changes of 3 decades in Indian steel industry, analyzed carbon emission and capacity utilization trends
- Deduced realizable emission reductions via predictive analysis, outlined emission intensity and energy consumption targets till 2050
- Formulated short, mid and long-term recommendations in line with the Paris Agreement and World Energy Scenarios for JSW Steel

### Activitas Management Advisors | Market Research Intern

[Apr'20-May'20]

Received Letter of Recommendation from the CIO for undertaking exhaustive research of 3 industry sectors

- Assessed the market size, growth potential and the impact of Covid-19 in EdTech, HealthTech and Electric Vehicle sectors in India
- Proposed market segments by analyzing the financial deals and performing detailed study of the investor landscape in past 5 years
- Recognized key implications of Atmanirbhar Bharat Abhiyan for agricultural and MSME sectors to identify the need-gaps and scopes

# Equipshare | Marketing Intern

Received Letter of Recommendation (1 out of 15 interns) from the CEO-Founder for exemplary performance

- Devised new sales strategies backed by exhaustive research to understand B2B construction equipment lending market in India
- Prepared a master catalog for customer acquisition; customized 5+ templates for different application strategies and client base
- Improved the user interface and customer engagement on the website by revamping content & FOMOs to increase organic traffic

#### **KEY PROJECTS**

Course Project | Used C++ to develop single player game to solve 'Fifteen Puzzle' in least number of steps

[Jan'18-Apr'18]

• Achieved 25% reduction in compilation time, implemented the program code using concepts of path traversal and graph theory

R2MI Ventures | Devised solution for MSInS. Gov. of Maha. for implementing the National Innovation & Startup Policy '19 Developed solution catering to different tier colleges, effectively applying resources and rules of NISP; presented to the Ministry

### **EXTRA CURRICULAR ACTIVITIES**

Cultural	<ul> <li>Secured 1st Position in Group Dance, ranked Overall Dance Champions at Inter IIT Cultural Meet</li> </ul>	
	• Achieved 1st Position (1/10 teams) by leading a team of 15+ dancers at Inter Hostel Dance Competition	['18]
Public	<ul> <li>Addressed 50+ startups as keynote speaker on college entrepreneurship culture at EnB Startup Meetup</li> </ul>	['19]
Speaking	• Represented IIT Bombay at CISCO Startup Launchpad, advised on opportunities for industry-college relations	['19]

Technical

- Virtual Project ANZ Bank: Completed 8 practical task modules in Exploratory Data Analysis and Predictive Analytics
- Languages & Software: Python, MATLAB | Courses: Data Analytics for Business, Competitive Strategy Univ. of Colorado