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B.Tech.  
Male  
DOB: 11/05/1989

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	8.88

#### ACADEMIC ACHIEVEMENTS

- Among **top 10 students** from Udaipur to be awarded the Maharana Mewar Award for scholastic excellence[2007]
- Ranked 1<sup>st</sup>** in the school in class X as well as in class XII CBSE Board Examinations [2005, 2007]
- Recipient of **IIT-B heritage fund scholarship** since three consecutive years [2008-2011]

#### INTERNSHIPS

##### Market Research and Strategy building (Enelek Power Pvt. Ltd.) [Jan 2011-Mar 2011]

- Conducted extensive market research to **explore the market potential** of **Off-grid solar power generation**
- Identified the target segments & performed **SWOT analysis** to examine the competency of the product
- Developed a **financial model** for the clients, comparing off-grid solar power generators with diesel generators, taking parameters like subsidies, depreciation, operations & maintenance cost into consideration
- The model developed is **being used** by the company as a part of its marketing strategy

##### Muscat International Airport (Bechtel India Pvt. Ltd., Gurgaon) [May 2011-July 2011]

- Worked with a **52 member design team** as a part of a consortium of 3 companies involved in a **\$3billion** project
- Performed an **analysis** for deriving the causes of failure on the design of 3 bridges & 1 roof on a simulator (STADD) using iterative procedures; **suggested improvisations** to the existing design in case of inconsistencies

##### Yamuna Expressway Project, Agra (Jaypee Infratech Ltd.) [May 2010-June 2010]

- Performed tests related to soil, concrete & cement & checked their consistency with design specifications
- Prepared a report on the **quality checks** of ongoing construction & **billing mechanism** of existing payment system

#### POSITION OF RESPONSIBILITY

##### Co-Founder, QEA Eduventures, a start-up aimed at providing Quality Education to All [June 2010-Apr 2011]

- Worked in a **team of 4** to conceptualize a structure to improve educational standards for underprivileged children
- Collaborated with Arunodaya Shikshan Samiti, an NGO, to provide **training to teachers** from rural areas by organizing camps with the help of professionals
- Initiated a project with the **Government of Chhattisgarh** to reach out to the rural areas of the state to implement the training program in this region
- Led a team of 8** to contact educational institutions to actively participate in our initiative

##### Coordinator, Marketing, Techfest 2010 [Jul 2009-Jan 2010]

- Worked in a **team of 40** to contact and collaborate with **companies** to secure sponsorships for the festival
- Organized meetings to successfully negotiate sponsorship deals with brands like Britannia and Nivea

#### PROJECTS

##### Seminar on Impact of Derivatives on Volatility of Indian Stock Market (Prof. Puja Padi) [Oct 2010]

- Gathered data on **returns of 4 derivative & 4 non-derivative stocks**, before & after the introduction of derivatives
- Used **GARCH(1,1) & EWMA model** to calculate & analyze the volatility of returns of these stocks
- Concluded that the volatility of Nifty as well as derivatives stocks decreased with the introduction of derivatives

##### Slum Analysis for Redevelopment Project (K. Raheja Universal Pvt. Ltd., Mumbai) [Aug 2011-Sept 2010]

- Visited 14 slums to **inspect** their **land rates** & investigated for any ongoing or forthcoming infrastructural projects
- Synthesized findings to report the **characteristics & advantages of each slum region as redevelopment sites**

##### Improvement of Seed Distribution System (Sarvesh Sansthan, NGO, Udaipur) [Dec 2010]

- Visited **8 villages** & studied the **seed supply system**; collated opinions of farmers & concluded a deficit in yield
- Recommended providing **multiple types of seeds** so that farmers can practice crop rotation to increase crop yield
- Organized 3 camps in **collaboration with Rajasthan College of Agriculture** to teach crop rotation practices

#### EXTRA CURRICULAR ACTIVITIES

- Member of the **gold** winning Water Polo team & the **silver** winning Kho-Kho team at the sports GC [2010]
- Received **NSE certification** in **Derivatives Market & Investment Analysis and Portfolio Management** [2011]
- Stood 1<sup>st</sup>** in a competition involving the design of an autonomous line follower & a RF controlled robot [2008]
- Performed in the **award winning play** titled "Arthur Road" at the Performing Arts Festival of IIT Bombay [2009]
- Stood **second in an English Debate** competition held at the school level [2003]
- Involved in a **Blood Collection Drive (Khoon Chala)** across 30 colleges; the drive collected 1572 blood units [2009]