

Tejas Inamdar

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EDUCATION

Massachusetts Institute of Technology (MIT), Cambridge, MA 2012 (expected)
• Master of Engineering in Manufacturing, Mechanical Engineering GPA 4.8/5
• Relevant Coursework: Mechanical Assemblies, Manufacturing Systems, Product Design and Development

College of Engineering, Pune, India 2011
• Bachelor of Technology, Mechanical Engineering GPA 8.30/10
• Relevant Coursework: Machine Design, Manufacturing, Mathematics, Computational Fluid Dynamics, Nanotechnology

RESEARCH INTERESTS

Mechanical Systems Design, Manufacturing, Product Development, Business Development, Consulting

EXPERIENCE

Intern, Daktari Diagnostics Inc. 2012
• CD4 cell counting system for point of care diagnostics for life saving treatment.
• Research and Development aimed at improving Manufacturability and Scale up.

Competition - Formula SAE 2011, Vehicle Dynamics Team 2011
• Designed and Fabricated Front, Rear Upright, Front Spindle.
• Led the wheel assembly team for a formula style race car.
• Fabricated an innovative cost effective Impact Attenuator.

Team Captain, Senior Design Thesis (Award Winning Senior Design Project) 2011
• “Design and Development of a two wheel, self-balancing, coaxial, personal transportation system”
• Hands on Fabrication using Lathe, Milling, Drilling, Welding, Band Saw
• Software and Hardware Implementation of electromechanical system using Arduino, Accelerometers, Gyroscope and Motor Controllers.

Intern, John Deere Technology Center India, Business Development 2010
• Project Title: “To Study the Indian market for Light Commercial Vehicles and prepare a Business Case for John Deere’s entry into the market”
• Travel across India through Urban and Rural areas – Industrial Areas, Vegetable Markets, Commercial establishments
• Field Research included interactions and interviews with owners and drivers to identify need gaps, features, competition.

SOFTWARE SKILLS

AutoCAD, ProE, Ansys, SolidWorks, Arduino, Microsoft Office, Adobe Photoshop

CO-CURRICULAR

- MIT 100K Accelerate Competition – Sundry Fruits (Affordable Solar Dehydrators in Mozambique)
- Delivered a Seminar on Magnetic Hyperthermia
- Wrote an article on Biomimetic Design in Institutional Magazine Abhiyanta

AWARDS

- Tata Scholar, JN Tata Endowment Scholarship 2011-12
- KC Mahindra Scholarship 2011
- Alumni Association Best Working Project Award 2011 - Final Year BTech Project. 2011
- Sakal India Foundation Scholarship 2011
- Bharat Petroleum Corporation Limited Scholarship 2011-12

TEST SCORES

Graduate Record Examination **Verbal:** 750/800 **Quantitative:** 800/800 **Analytical:** 5/6

EXTRA CURRICULAR

- COEP Badminton Captain - Silver Medals (Runners-up) COEP in 4 national level inter-collegiate events. 2008-11
- Elected to the Student Council – Gymkhana Managing Committee 2010-11