# *VrushankShripadPhadnis*

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**Educational Qualification**

**Master of Engineering in Manufacturing** (MEngM) –GPA- Yet to be announced

Massachusetts Institute of Technology, USA, Expected Graduation-Sept 2013

* **Key courses**
* Production Management and Operations Research
* Manufacturing engineering, Process Engineering and Machining Science
* Tool design, Engineering Design and Machine tool design
* CAD/CAM and Automation
* Plastics Engineering

**Bachelors of Engineering** (BE) – Production Engineering –First Class with Distinction

Mumbai University (D.J. Sanghvi College of Engineering), India, Graduation-Spring 2010

**Work Experience**

**Godrej and Boyce- Process Equipment Division- Asst Manager, Manufacturing.**

**-**July2010 to July 2012

* Responsible for executing productivity improvement projects, resource allocation and routing machining for complex jobs
* Team leader for Kaizen events and Total Productive Maintenance activities
* In-charge of implementing CAMWorks (CAM software) for programming of CNC machines to machine complicated 3D surfaces and create optimized tool paths
* Review project plans & monitor project progress using Primavera for compliance with milestones

**Larsen & Toubro Ltd. - Engineered Tooling Solutions- Student Intern, Design**

**-**Fall 2009 (6 months)

* Designed tooling and drafted manufacturing drawings in accordance to the design codes and standards used by the tooling industry

**Academic Project and Paper**

**Press Working of Composite Sheets: A Compound Die Design Approach**, Technical paper – Summer 2010

* Paper selected for publication in the inaugural Volume of Technofocus -an annual technical magazine by my undergraduate school

**Design of fixtures Press tools and an injection mold,** Project–Spring 2009

* Worked on tool design projects with emphasis on standardization, low cost automation and manufacturability – designed fixtures, press tools and an injection mold
* Modified existing designs to accommodate changes in product design and conducted troubleshooting for problems faced during tool trials

**Achievements & Extracurricular**

* Received K.C. Mahindra Scholarship, Pirojshah Godrej Scholarship and Lotus trust scholarship for graduate course from MIT.
* Recipient of the prestigious JRD Tata scholarship for exemplary academic performance in the 3rd year of engineering
* **Student representative** of Student Chapter of Indian Society of Manufacturing Engineers (ISME) during the first and second year of engineering
* **Technical In-Charge**- annual college festival ‘DJ Pulse’–October 2008
* **Event head** for Robotics in the ISMEfestival (PRODAXN) –February-2008
* National Cadet Corps ‘A‘Certificate holder with best turnout award –May 2003

**Computer Skills**

CAMWorks (2010), Pro-Engineer (Wildfire 3.0) and Primavera (P6 Progress Reporter, 7.0)