

Hrushikesh Ghatpande

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EDUCATION

Master of Science (M.S.) – Manufacturing Systems Engineering, May 2016

University of Wisconsin-Madison, GPA: 3.9/4.0

Bachelor of Engineering (B.E.) – Industrial Engineering, May 2012

Vishwakarma Institute of Technology, Pune, India, GPA: 8.6/10.0 – First Class with Distinction

EXPERIENCE

Future Foam, Inc., Middleton, WI

Manufacturing Engineer, Jun 2016 – Present

- Evaluating manufacturing processes by designing systems and procedures for collecting data; Calculate and display real-time key performance indicators; Providing manufacturing decision-making information by collecting, analyzing and summarizing information and trends into reports in an organized and timely manner
- Improving and developing manufacturing processes by analysis and planning of process flow and layout; Working on continuous improvement projects to achieve better productivity and throughput in manufacturing

Center for Quick Response Manufacturing, UW-Madison, WI

Student Projects, Jan 2015 – May 2016

- Developed Focused Target Market Segments (FTMS); Designed and implemented Manufacturing Cells at 'Banner Service Corporation' to improve manufacturing lead times by 40%
- Implemented manufacturing cells to improve manufacturing lead times at 'Driv-Lok Inc.' by 60%

Rockwell Automation, Middleton, WI

Student Project, Jan 2016 – May 2016

- Redesigned manufacturing assembly processes using continuous improvement principles and DMAIC approach
- Developed new fixtures and layout for improvement in process flow and operator ergonomics
- Improved throughput by optimizing material flow and inventory management
- Implemented concepts in Lean Manufacturing, Kaizen and Industrial Engineering

National Oilwell Varco, Houston, TX

Manufacturing Systems Engineering Intern, Summer 2015

- Collaborated with Global Manufacturing Strategy (GMS) Group at NOV
- Designed and validated a process simulation model for capacity analysis in MPX simulation software to reduce manufacturing lead times
- Implemented capacity management recommendations to reduce lead times by 70%

Sandvik Asia Pvt. Ltd., Baroda, India

Productivity Improvement Engineer, Aug 2012 – Jan 2013

- Ensured higher productivity and process security on the customers' shop floor for Sandvik Coromant machine tools
- Analyzed processes economically for optimized ROI
- Designed and developed Sandvik Coromant tools and tool holders according to specific customized requirements

Mahindra & Mahindra, Pune, India

Industrial Engineering Intern, Summer 2011

- Developed a standardized procedure for calculation of Design Standard Time Ratio (DSTR) value of workstations
- Implemented DSTR technique as a standard for productivity evaluation – based on 'MOST' technique
- Applied JIT and Lean Manufacturing techniques to improve productivity of workstations by 80%

SKILLS AND CERTIFICATIONS

Software Skills: MS Excel, MS Access, MS Visio, AutoCAD, MPX Simulation, Arena, NX, FeatureCAM, SAP (ERP)

Programming Languages: C/C++, Visual Basic, MySQL, HTML, PHP, MATLAB

Certifications: Lean Six Sigma – Green Belt