

PUSHYAMITHRA PANAKANTI

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OBJECTIVE To obtain a spring Co-op or full-time position in Manufacturing and/or Supply Chain

EDUCATION **The Pennsylvania State University, University Park, PA**
M.S in Industrial & Manufacturing Engineering **GPA: 3.50/4.00**
Expected Graduation date: May, 2013

Birla Institute of Technology & Sciences, Pilani, India **GPA: 7.50/10**
B.S in Mechanical Engineering May, 2011

SKILLS Advanced Excel Skills VBA(Basic) Microsoft Visio AutoCAD
@Risk simulation Stat Tools 5S Root cause analysis
Matlab Visual Management Kaizen OBIEE Answers

EXPERIENCE **Lean /Continuous Improvement Intern**
Cummins Inc. Minnesota **June 2012- August 2012**

PROJECT 1 **Process improvement of Part Presentation Process**

- Identified and analysed lean performance measures to monitor and improve the quality of picking process
- Led and directed a team of 2 pickers and improved the quality of picking process by reducing the transaction errors by 20%

PROJECT 2 **Transition of Part Presentation Process from Lean team to Logistics**

- Facilitated the training of logistics team and wrote work instructions for picking process
- Led weekly cross-functional team meetings to update the progress and facilitate transition processes
- Implemented Visual Factory Standards for warehouse and Lean carts which improved part presentation
- Conducted time studies and created a optimized schedule route for tow tractor and walking dunnage

PROJECT 3 **Kaizen & 5S Implementation**

- Implemented process improvement and 5S Kaizen event which improved the floor space by 92 sq. ft. and reduced throughput time by 2 hours saving \$30,000/year
- Conducted 5S audits for 3 production lines, and identified the opportunity of 5S Improvements
- Presented ideas to Manager for improvement on existing factory layout to improve pedestrian safety

Manufacturing Co-op

SKF India LTD, Pune (Ball Bearing Factory) **June 2010- December 2010**

Installing &Commissioning of Camera Inspection Machine and Tube Packaging Machine

- Designed layout for the installation of automated camera inspection machines for 4 production lines
- Responsible for operation, maintenance and trouble shooting of the machine in all the lines and reported the process improvements directly to the leadership
- Performed number of trials and validated the machine using the methods of Repeatability and Reproducibility
- Increased the yield of the inspection machine by 25% at the end of the project
- Trained the operators and assisted in preparing Standard Operating Procedure

PROJECTS **Centre of Supply Chain Research:** Active member of the research group and team member for Value Stream Mapping Project for REI Inc.

- Applied and analysed Risk-Pooling technique to determine optimal cost considering inventory and transportation cost by comparing various scenarios
- Modelled the transportation-distribution problem of a gas company as a linear program to solve for optimal shipping schedule and cost using excel solver

LEADERSHIP Marketing Co-Executive, SAP Student Interest Group at Smeal Business School
Deputy Event Manager for robotics event in the college technical festival
Community Service Volunteer, Amherst H Wilder Foundation, Aeon