

ACYUT KANERIA

Instructor

Department of Industrial and Systems Engineering,
Lamar University, Beaumont, TX 77710-0032

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EDUCATION

Doctoral of Engineering in Industrial and Systems Present

Lamar University, Beaumont, Texas

Master of Engineering in Industrial Engineering 2014 – 2016

Lamar University Beaumont, Texas

Bachelor of Engineering in Mechanical Engineering 2009 – 2013

Gujarat Technological University, India

AREAS OF INTEREST

Computer Aided Designing

Production and Manufacturing

Optimization

Reliability and Maintenance

ACADEMIC EXPERIENCE

Department of Industrial and Systems Engineering, Lamar University, Beaumont, Texas

Instructor

Jan 2019 – Present

Engineering Materials and Manufacturing Processes

Engineering Materials and Manufacturing Processes Labs

Engineering Economics

Computer Integrated Manufacturing Systems

PROFESSIONAL WORK EXPERIENCE

Instructor

Jan 2019 Present

Department of Industrial and Systems

Implemented cost-saving methods to maintain cost-quality balance. Designed, developed and implemented optimum production schedules, reducing 10% machining time using Special Tools, and redesigned Jigs and Fixtures.

Forecasted demand and production to run an effective supply chain system. Managed CNC machine settings and programming. Maintained precise quality tests and certifications.

Intramural Sports Official

Nov 2014 Dec 2015

Lamar University, Beaumont, Texas USA

Workshop Advisor

July 2013 June 2014

Shivalik IB Cars Pvt. Ltd., India

Developed time schedule charts for job allocation, supervised the shop-floor, controlled the workforce. Collaborated with senior management on Business Process Re-engineering (BPR) efforts resulting in 7% increase in productivity and quality of work.

Redesigned floor layout established first preventive maintenance schedule to cut down costly downtime. Leveraging expertise by conducting periodical training for workers.

Office Manager

Jan 2008 June 2013

Miracle Enterprises, India

Prepared payroll, purchase requisitions, controlled correspondence, designed filing systems. Organized office operations and procedures. Maintained customer service quality by process re-design and implementing changes. Serviced, maintained and troubleshooted computer hardware problems.

PUBLICATIONS

Referred Publications

Kaneria, A., Hamidi, M., Zhu, W., & Craig, B. (2019). Traffic simulation of Houston Ship

