

# ACYUT KANERIA

Instructor

Department of Industrial and Systems Engineering,  
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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

