

PRASANNA NIRGUDKAR

www.prasannapn.com

5010 Grove West Blvd. #2202
Stafford, TX 77477

Tel: 1-281-777-2938 (H)
Email: pnirgudkar@gmail.com

OBJECTIVE: Seek full time challenging opportunity in an Engineering company to provide the highest quality safe products and services with consistently high efficiencies.

PROFESSIONAL / RESEARCH EXPERIENCE:

- **Lean Six Sigma Champion**, with Schlumberger, Sugar Land, Texas (2006-present)
 - Black Belt Trained, Six Sigma Academy, 2006
 - Project Management for 5-S, TPM, Kaizen, Lean, Six Sigma, DOE, DFSS, SPC projects to improve process efficiencies, enhance product quality, reduce operating costs and increase customer satisfaction
 - \$2M savings in 2006
- **Manager, Seismic Mfg**, with Schlumberger, Sugar Land, Texas (2005-2006)
 - In-Charge of the Manufacture/Service Center for Seismic Cables at the IPC Technology/ Product Center
 - Lead 16 employees, including Engineers, Buyers/ Planners, Sales, Technicians and Flying Squad members for Field Service Calls – Recruiting, Training, Career Development
 - Co-ordinate global seismic cables manufacturing/ servicing to support a fleet of 15 vessels world-wide
 - Organize Quality, Health, Safety, Environment (QHSE) improvements. LPT Leader in 2004-2005
 - Increased revenue from \$2M to \$18M within 1 year
- **Manufacturing Engineer/ Material Specialist** with Schlumberger, Sugar Land, Texas (2002-2004)
 - Assist and supervise all aspects of procurement and production planning. This included but was not limited to Supply Chain Management, Outsourcing, Supplier Negotiations, Purchasing, Supplier Audits & Qualification, Logistics, Production Planning, Scheduling & Routing, Cost control, Pricing, & Customer Service.
 - Manufacturing Engineer for Wireline, Seismic, Third Party Cables and Logging Conveyance tools.
 - Introduce, develop, and sustain Kanban system for inventory management. Co-ordinate & implement 5S & Kaizen for efficient and effective Production. Introduce DFX, Lean Manufacturing & 6-sigma initiatives.
 - Automation, upgrade and control of rotating machinery, extruders, and electrical/ mechanical/ pressure test equipment: Improve & standardize processes, document ISO procedures, perform Quality Audits.
- **Research Assistant** with the Center for Innovative Sintered Products (CISP), Penn State University (2001-2)
 - Launched the \$50k project on Time Compression Techniques for Rapid Tooling
 - Evaluated and benchmarked over 10 current RP techniques for rapid tooling after cost-benefit analysis
 - Devised sampling and testing protocols and led testing efforts of the team
 - Generated ideas for process improvement to cut down processing time from 4 weeks to 2 days
- **Teaching Assistant** with ME Department, The Pennsylvania State University (2000)
 - Teach a class of 95 students for 20 hours/week
- **Vocational Trainee Engineer** with TATA Engineering & Locomotive Co. Ltd. (TELCO), India (1999)
 - Reliability/ Quality Assurance: Failure Analysis using Design of Experiments

EDUCATION:

- The Pennsylvania State University, PA, USA MS in Industrial Engineering GPA 3.9 (August 2002)
- Govt. College of Engg., University of Pune, India BS in Mechanical Engineering GPA 4.0 (June 2000)

RELEVANT PROJECTS:

- Design of Tri-layer Q-Marine cables (opto-electric streamers). Patented by IPC in 2002. \$6M revenue/year.
- Design of RALI open hole tractor – gear-box, transmission, chassis, controls for down-hole conveyance (2004)
- Design of water-blocked terminations for marine seismic applications (2005-2006)

COMPUTER SKILLS:

- Programming: C, C++, FORTRAN, BASIC, JAVA (basics)
- CAD, FEA, ERP & other s/w: AutoCAD 2000, ProE/ Wildfire, ProM, ARENA, LINDO, MINITAB, MFG-PRO

AFFILIATIONS, AWARDS AND ACHIEVEMENTS:

- Member, Society of Manufacturing Engineers (SME). Certified Manufacturing Engineer – CmfgE, 2006
- Internal Auditor, DNV, 2006
- President, Houston Maharashtra Mandal – 2003
- More on personal web site (link at the top of this resume)