

# SASANKA GOLLA

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## OBJECTIVE:

To put my technical and management skills in a challenging and competitive environment.

## EDUCATION:

**Binghamton University, State University of New York** **Expected December 2012**

**Master of Science in System Sciences and Industrial Engineering.**

**G.P.A. : 3/4**

**Jawaharlal Nehru Technological University, Hyderabad, India** **May 2010**

**Bachelor of Technology in Electronics and Communication Engineering.**

**G.P.A. :3.11/4**

## PROJECTS:

**Binghamton University, State University of New York** **02/11-5/12**

- Designed and studied '*Supply Chain Web in Coffee Industry*' where the history of coffee, market, drivers and operation of supply chain was studied.
- Performed project '*Selective Wave Soldering using ANOVA*' to study the significant parameters and identifying the optimal equipment settings.
- Modeled and simulated '*Wal-Mart model using ARENA*' to determine the cashiers needed and increase the cashier utilization time.
- Performed '*Stepwise Regression and Factor Analysis using SAS*' to check for variability among observed correlated variables which mainly reflects the variations in fewer such unobserved variables.
- Modeled and simulated a coffee shop called '*Jazzman using ARENA*' to determine the effective number of cashiers needed and also reducing the waiting times.
- Performed and independent study on '*Traditional Procurement and E-Procurement*' and the use of web-portals and software that aids in traditional procurement.

**Jawaharlal Nehru Technological University, Hyderabad,** **12/09-04/10**

- Completed project '*Design and Synthesis of Digital Clock using FPGA*' where s clock with high accuracy was designed.
- Completed project '*Design of Low Noise Amplifier using Cadence*' where the noise strength of the signal was kept as it is and the signal strength was boosted there by increasing the signal to noise ratio so that the information is retrieved.

## TECHNICAL SKILLS:

**Languages:** C, C++, JAVA, Assembly Programming (8085 & 8086), 8051 microcontroller, HTML, VHDL, Cadence.

**Operating Systems:** Windows, Linux, UNIX, MAC OS X.

**Softwares:** MS-Office, Adobe Photoshop, Arena, MATLAB, Minitab, GAMS, Simio, Sql R and SAS.

## LEADERSHIP EXPERIENCE:

*Event Head* of the event *Robo Wars* in *ciencia'09* held at C.V.R College of Engineering.

- Marketing

- Organizing
- Selection

**AWARDS:**

1<sup>st</sup> prize in the *BEER GAME' 11* held at *Binghamton University* regarding the problems during the upstream as well as downstream in the supply chain.

2<sup>nd</sup> prize for a technical paper on Emerging Issues In Industrial Engineering in *Ciencia' 08, JNTU*.

3<sup>rd</sup> prize in *Gadgeta* in *Renaissance'07* organized by *JJJJ Robotics Club*.

**Courses Completed:** Operations management of supply chains, Operations research, Quality assurance, Design with experiments, Enterprise systems, Processes for electronic manufacturing, Probability and statistics, Application of multivariate analysis and Modeling and Simulation.