

# SME Gives Critical Job Certification



Adil F Dalal presenter for “: Lean Manufacturing Value Stream Mapping Workshop: Creating Value or Producing Waste?”

Organized by: SME Austin chapter 211 and Texas State student chapter S147

April 30, 2010

## Hands On Manufacturing

*In this practical, hands-on course, students learned how to understand the nine-step process of Manufacturing*

On April 30 the Ingram School of Engineering hosted a *Lean Manufacturing*© workshop. *Lean Manufacturing*© method of eliminating wasteful processes. Engineers and managers from local companies together with the members of the Texas State University-San Marcos chapter of the Society of Manufacturing Engineers (SME) gathered together to learn how to improve the efficiency of manufacturing processes.



**Dima Receiving Lean certification from SME**  
Each Participant received a certificate in Lean Manufacturing value stream mapping.

## Value Stream Mapping

Mr. Dalal began the seminar by describing the concept of Value Mapping. He explained it was one of the ways to find your “waste” processes. This is done by mapping your process and evaluating your performance. He then had the participants perform an experiment using the process. Sure enough, the method was fast and highly effective. During the second half of the seminar the class used the method much more extensively and were able to really streamline their processes. Everyone discovered that using *Lean Manufacturing*© can lead to real world cost improvement.

## What is lean?

Lean Manufacturing © is a process where the engineer creates value for the client and eliminating non-value-added or wasteful activities.

## What is a Value Stream Map?

A value stream map (VSM) is an important Lean tool used for identifying waste. By creating a map of all processes involved

It analyzes the flow of materials and information beginning with the raw materials and ending with the customer.



## About SME – S147

Texas State has an active SME Chapter, No. 147.

- Professional networking opportunities
- SME members get to see and work with engineering equipment.
- Plant tours. Your field in action.
- Student membership only \$20 annually!
- Fun social events
  - Soccer, socials, engineering contests, meetings



## Lean seminar cont...

After a delicious lunch provided by School of Engineering, students took the guests to a tour around engineering labs. The guests were impressed by the tools, capacity, and organization of the facilities. This fun and social activity provided students and professionals alike a wonderful opportunity to network and discuss career development.

By the end of the Seminar many new friends were made, critical job skills learned, and new professional connections acquired. In a time when jobs are so competitively fought over, SME and the Ingram School of Engineering really looked out for its people by giving them something real to put on their resumes, something every serious company wants to see...*Lean Manufacturing*©.

## About the presenter

- Adil Dalal is the **founder and CEO** of **Pinnacle Process Solutions International**.
- He serves as a **program chairman** for the Austin chapter of the **Society for Mechanical Engineers**
- A director of the Austin chapter of PMI.
- He is the chairman- elect of ASQ Human Development and Leadership Division, and vice chairman of education, ASQ Lean Enterprise Division.
- He is an adjunct professor in the MSPM program and teaches supplier negotiations and contracts, project management and leadership.

