**AMITY SCHOOL OF ENGINEERING & TECHNOLOGY**

**CORPORATE RESOURCE CENTRE**

**SUMMER INTERNSHIP**

**WEEKLY PROGRESS REPORT (WPR)**

**For the week commencing:** 13/05/2013

**Enrollment Number:**  A2305410200

**Program**: B.Tech MAE (2010-14) **Student Name :** Anjum Badar

**Company Name:** Ashok Leyland (Pantnagar Plant)

**Industry Guide’s Name:** Ms. Shuchi Tomer

**Faculty Guide’s Name:** Mrs. Meeta Sharma

**Project Title:**

To study various manufacturing processes in Ashok Leyland pantnagar(ALP) plant.

**TARGETS SET FOR THE WEEK**

To study and analyse the various manufacturing processes carried out in FSM shop like

Forming, punching, pre treatment operations, robotic plasma cutting, frame painting etc.

**ACHIEVEMENTS FOR THE WEEK**

All the manufacturing processes in the frame side member shop for the production of frame member were studied and a complete analysis of those were performed during the week.

**FUTURE WORK PLANS**-

To improve the efficiency of the manufacturing processes so as to get the desired output at the minimum possible cost.

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**WPR of Week 1st –** 13/05/2013 **WPR’s Remaining –** 7

**Enrollment Number –** A2305410200 **Programme –** B.Tech MAE (2010-14)

**Summer Internship Subject Area –** To study various manufacturing processes in Ashok Leyland pantnagar(ALP) plant.

**Days/Time**

**Monday** – Study of various forming and punching processes involved in the production of frame side member.

**Tuesday –** Analysis of robotic plasma cutting process, pick and place processes and machine washing.

**Wednesday –** Study of pre treatment operations which include degreasing, water rinse, activation, phosphating, phosphate water rinse, dry off oven, dry off cooling.

**Thursday –** Frame painting processes which include powder coating, IR oven, powder coating oven and PC cooling processes.

**Friday –** Finally the unloading and quality check processes are done which are used to check the quality of the final product on the basis of : Dry film thickness and Gloss of the frame member.