

. Event Name – Visit to Hero MotoCorp Ltd., Dharuhera

Date: 28th July, 2018

Venue: Hero MotoCorp Ltd., Dharuhera

Organized By: ASET & CRC, AUH

Faculty Coordinator(s): Mr. Manish K. Bharti, Assistant Professor, Department of AE

Ms. Sonia Chalia, Assistant Professor, Department of AE

Participation:

1. No. of Faculty Members: 02
 2. No. of Students: 22
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Introduction

Amity School of Engineering and Technology, ASET, AUH, in conjunction with CRC, AUH organized an Industrial visit to Hero MotoCorp Ltd., Dharuhera on 28th of July, 2018 for the intellectual benefit and growth of students of various departments.

Hero MotoCorp Ltd. is concentrating mostly towards the market of two-wheelers on a global scale with making its mark in 35 developing countries. The plant has vehicle assembly lines and engine assembly lines with assembly time for each line ranging from 17-18 seconds per motorcycle. The capacity of the plant is producing approximately 10 Lakhs vehicles/year.

Aim/Objective/Purpose of the Event

The purpose of the visit was to expose students to the actual workshop floor conditions and to various processes, equipment and techniques utilized in the manufacturing and assembly of Hero two-wheeler products.

Highlights of the Event

The visit comprised of a total of 4 sessions which were as follows:

- 1. Welcome Presentation:** The welcome and informative session mainly focussed on providing the visitors with all of the necessary and relevant information about the Hero MotoCorp Brand and Corporation. The session comprised of detailed information about the following points:

- Origin, history and evolution of the corporation
- Vision, mission and core competencies of the corporation
- Local and Global Brand Ambassadors of the corporation

- Various products launched till date and future products
- Various awards and salutations received by the corporation

2. Interaction with HR: Director HR of the company discussed and informed the visitors of the company's various policies regarding marketing, manufacturing and sales. He also discussed and resolved various queries of the students regarding internship, training and placement processes and eligibility criterion.

3. Visit to the Plant: This session included visit to the various workshops, shop floors, workstations and assembly lines of the plant. The students and the faculty members visited the following:

- Headlight assembly substation
- Fuel tank leakage testing substation
- Roller testing substation
- Engine assembly line
- Vehicle assembly line
- Robotic Welding Shop

4. Discussion with Senior Manufacturing Engineer: A discussion and interactive session with Senior Manufacturing Engineer of the plant aided the students to discuss and enquire about various technical queries and safety guidelines and practices followed by the plant.

Outcomes of the Event

1. Students were exposed to the actual workshop floor conditions in a multi-national organization's plant.
2. Students observed and gained knowledge about various processes, equipment and procedures utilized at different workstation and substations.
3. Students received information regarding company's policies, strategies and practices to reduce the production time as much as feasible without compromising with the product's quality while ensuring a safe working environment.
4. Students gained knowledge regarding the importance of proper job sequencing practices and learnt how, in actual working environment, minimization of human error factor leads to enhanced productivity of any industry.
5. Students discussed and observed the importance and crucial factors effecting the setup, sequencing, functioning and efficiency of an assembly line in realistic conditions.
6. Students, even though could not visit other important substations like R&D, Paint Shop, Testing Floor etc. due to companies policies, enquired and discussed about relevant queries about testing techniques, policies about recycling of scrap, etc.

Conclusion

It was an extremely informative tour which aided the students in enhancing their knowledge and understanding of actual working conditions in a manufacturing and assembly plant. The visit allowed to students to correlate and bridged the gap between their theoretical knowledge and practical exposure.

Glimpses of the event(Photographs)



