Visit to Yakult Factory

139 students from E332 – Quality Control module took part in a learning visit to Yakult Factory at Senoko.

This visit complements the week’s learning of Control Charting in this module. Our problem statement was crafted with a Yogurt drink making scenario too.

At Yakult, we were warmly welcomed by the hosts and treated to a presentation before a site tour. Each of us was also given a free bottle of Yakult to drink.

Presentation by Yakult Host, Mr Yap, about Yakult drink and the company

Upon arrival at the Yakult Singapore Plant, the hosts settle us down in a cosy training room and we were each given a bottle of Yakult. The hosts then proceed to conduct a short introduction of Yakult company and its various products. Some students were given the opportunity to try the undiluted, unflavoured Yakult (Sour!!). Other than the Yakult drinks, the company also produce health products and cosmetics.

Next comes the highly anticipated window tour of their manufacturing processes. The students were introduced to the various manufacturing processes used in producing the Yakult drinks, the Yakult bottles and the bottling and packaging processes.
After being wow by the high speed bottling and packaging line, the student and staffs were able to purchase Yakult drinks at a discount before they leave the plant.

The students were able to identify the process types Yakult adopted in their manufacturing processes and provide good justification based on their observation at the end of the visit. It was indeed a breath-taking and eye opening experience for the students as most of them have not seen physical manufacturing plant before. Many have expressed strong desires in going for future out of classroom visits.
Visit to Waste-To-Energy Plant

The visit was to the Waste-To-Energy Plant as part of P06 – Sustainable Manufacturing lesson coverage. A total of 116 students and 2 staffs visited the Keppel Seghers Tuas (KSTP), Tuas South (TSIP) and Senoko (SWTE) Waste-To-Energy Plants over a 5 days period. The visit aims to inculcate our students with basic concepts of sustainable manufacturing like carbon footprint and the various technologies adapted to support sustainable manufacturing in a Waste-To-Energy Plant, so that they have a “green and sustainability” mind set while executing their job in the future.

Upon arrival at the Waste-To-Energy Plant, the hosts conducted a short introduction of the company, follow by a short video clip to explain the processes involved in the plant. The students were then given a guided tour of the various areas of the Waste-To-Energy Plant and how sustainable manufacturing were practised.
Overall, the students thought that the visit to Waste-To-Energy Plant was an interesting, educating and eye opening experience for them. They were amazed by the amount of waste generated by residents of Singapore each day and indicated that they will try to be more sustainable.
Visit to Sustainable Manufacturing Centre (SMC) and Precision Engineering Centre of Innovation (PE COI), SIMTech

A total of 2 out of classroom visits were organised for E218 Manufacturing Planning and Control students (DIOM&DMNT) to enhance their learning experience in this semester.

The 1st visit was to Sustainable Manufacturing Centre (SMC) and Precision Engineering Centre of Innovation (PE COI), SIMTech, in NTU as part of P06 – Sustainable Manufacturing lesson coverage. A total of 214 students and 4 staffs visited the SMC & PE COI and over a 5 days period in Jun’13. The visit aims to inculcate our students with basic concepts of sustainable manufacturing like carbon footprint, green labels and the various innovations, including the technologies developed in PE COI, to support sustainable manufacturing, so that they have a “green and sustainability” mind set while executing their job in the future.

Upon arrival at SMC, the hosts conducted a short introduction of ASTAR, SMC, PE COI and sustainable manufacturing follow by a short video clip. The students were then given a guided tour of the SMC exhibition hall and PE COI workshop where various sustainable manufacturing innovations were introduced.
Overall, the students thought that the visit to SMC & PE COI was an interesting, educating and eye opening experience for them. They were amazed by the various innovations that help to make manufacturing more sustainable.
Visit to Singapore Customs

75 students from E333 Quality Management Module Day 2 class visited Singapore Customs for a talk as part of their day’s learning for the topic on Strategic Management Planning. As Singapore Customs is the winner of the prestigious Singapore Quality Award in 2012. Singapore Customs hosted our students at their training academy, where they shared interesting experiences on their Business Excellence journey. Students were given worksheets to complete during the talk so that they apply what they have learnt from the talk into the day’s problem. Students found the trip to be fruitful and informative.