

**MEASI INSTITUTE OF MANAGEMENT
ROYAPETTAH, CHENNAI-14**

**REPORT ON INDUSTRIAL VISIT TO MITSUBISHI HEAVY INDUSTRIES INDIA
PRECISION TOOLS LTD RANIPET ON 12TH AND 13TH DECEMBER 2017**

The MEASI Institute of Management Organized Two day Industrial Visit to Mitsubishi Heavy Industries India Precision Tools Limited, Ranipet on 12th and 13th December 2017 to the final year MBA Students. The visit consists of 69 students along with four faculty Members Mr.A.Appu, Mr.S.Vinoth, Dr. P.K. Hemamalini, and Mrs.M.I.Anees Fathima, Assistant professor of Measi Institute of Management. The industrial visit to MHI –Manufacturers of gear cutting Tools & Broaches gave an opportunity to learn things practically in a real-time functional environment through interaction, witnessing the working methods and clarifying the doubts from experienced workers and the students were able to visualize the current trends in the manufacturing cutting Tools industry. The objective of the Industrial Visit is to help students gain first hand information regarding functioning of the Industry Which presents the students with opportunities to plan, organize and engage in active learning experiences both inside and outside the classroom.



*Final year MBA students of MIM along with faculty members to Mitsubishi Heavy Industries Ltd
Sipcot Complex- Ranipet*

Mitsubishi Heavy Industries Machine Tool Co., Ltd. is one of the world's leading manufacturers of gear cutting machines, large machining centers and gear cutting tools, and the pioneer in introducing the latest 'SuperDry' technology in gear cutting. Mitsubishi Heavy Industries Machine Tool Co., Ltd. acquired S.R.P. Tools Ltd., India a

42 year old company and also the leader in manufacturing of gear cutting tools and broaches in the country, in May 2005 and thus Mitsubishi Heavy Industries India Precision Tools Ltd was formed. This unit is now functioning as a subsidiary of Mitsubishi Heavy Industries Machine Tool Co., Ltd. S.R.P Tools Limited was started in the year of 1965. It started first factory at Chennai, India for manufacturing conventional cutting tools. It signed an agreement with Mitsubishi Heavy Industries Machine Tool Co., Ltd. for the technical collaboration to manufacture gear cutting tools and broaches in the year of 1972. S.R.P Tools Limited's second factory was started at Ranipet in the year of 1974 for manufacturing Gear Hobs, Shaper cutters and Broaches. Later, it started manufacturing of Gear Shaving Cutters, Rotary cutters for straight bevel gears and Master Gears. S.R.P Tools Limited obtained ISO 9001-1987 certification in 1994 and India's first unit to obtain ISO 9000 certification for Gear Cutting Tools and Broaches. It added CNC machines for profile grinding of Gear Hobs, Shaper cutters and Broaches. In 2005, S.R.P Tools Limited was acquired by Mitsubishi Heavy Industries Machine Tool Co., Ltd. HI-IPT expanded its plant capacity in 2007-08 by adding many CNC machines and conventional machines, to make more than double its production capacity to cater to the needs of its customers.



MIM students at the Entrance of M/s. Mitsubishi Heavy Industries Ltd

MHI-IPT is now India's largest manufacturer of Gear Cutting Tools and Broaches, featuring the most advanced precision technologies and commanding the largest market share. Its product range includes Hobs, Gear Shaping Cutters, Gear Shaving Cutters, Master Gears, Rotary Cutters, Spline Broach and various other types of Broaches, used in manufacturing of various automotive and engineering components. HI-IPT draws upon MHI Japan's strengths in the use of advanced materials technology and its

knowledge base as MHI Japan is the only manufacturer of gear cutting tools, who also manufactures machines to produce these gear cutting tools, as well as the gear cutting machines on which they are consumed, to produce gears for the automotive industry. In 2012, MHI-IPT obtained ISO-14001 certificate. It was great to know that company follows Japanese principal of equality among all the level of employees in company because of which they have same dress code and same canteen right from higher level managerial team to lower level workers. We found even canteen employees in same dress Company follows principle of “People before Product” which was clearly visible from safety measures taken by company and other policies. The conception of this philosophy is derived from the core objective of the company – ‘To Contribute to the Society’. Adhering to this philosophy, the Company balances its business and manufacturing activities with its impact on the communities and people at large.. This core philosophy of ‘People before Product’ has been imbibed and executed by all the employees from the top level executives to lower level personnel across the organization. After introduction all students were headed by Mr. Prakash, Production In charge of company who helped them to understand how production is carried out in company and how company reaches their customer. Maximum production in company is carried out by means of machinery subdivide in various activities like inception of raw material, mixing process, making jackets, covering the product and then converting it into finished goods. Finally Finished goods are packed and are sealed where production batch no is embossed for its future verification required. Company defective ratio is less than 1 percent which shows the how effective company works. The general interest-level among the students during the visits to be quite high, which was reflected in some sensible and relevant questions being asked during the Q&A sessions after each visit. In sum, the entire team thoroughly enjoyed the visit. Entire batch of students were well behaved and were very co-operative throughout the trip. The students had fun, joy and a great learning experience during the visit.