






## Indian Society of Manufacturing Engineers (ISME) Student Chapter Activities



2017-18 :

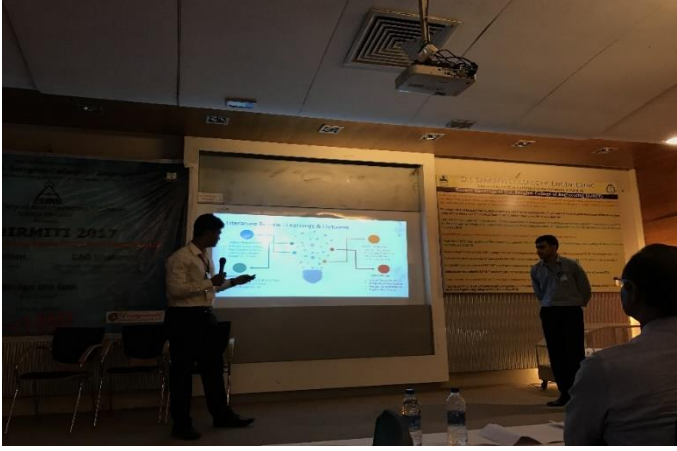
No.	Date of activity	Title of the activity	Objective of the activity	Description of the activity	Achievements/Evidence of the activity (Photos)
1.	13 and 14 <sup>th</sup> October 2017	Two day workshop on Mechatronics and Six Sigma at M/s L & T, C-TEA Division, Madh	To provide basic awareness on Six Sigma and Mechatronics.	Industry experts in the field of Six Sigma and Mechatronics conducted two days of practical training to our Mechanical Engineering students.	
2.	20 <sup>th</sup> – 21 <sup>st</sup> March 2018	Intercollegiate project competition	To showcase students' project skills	An inter-collegiate project competition “DJ Nirmiti-Igniting Manufacturing Renaissance” was organized by ISME student chapter, wherein undergraduate students have showcased their project work and other technical skills like CADD Challenge, Bridge the Gap, Business Plan etc.	

3.	25 <sup>th</sup> October 2017	Guest lecture by Dr. Rohan Shirwaiker on “3D-bioprinting of tissues”	To gain knowledge 3D bioprinting of tissues	Dr. Rohan Shirwaiker an Associate Professor in the Edward P. Fitts Department of Industrial and Systems Engineering and an Associate faculty of the Joint Department of Biomedical Engineering at North Carolina State University . On the basis of his vast source of knowledge and experience he took a session on 3D- Bioprinting of Tissues : The Confluence of Biomedicine and Manufacturing.	
4.	15 <sup>th</sup> September 2017.	Guest lecture by Mr Sourabh Tomar of NPCI	To provide knowledge about digital payments.	Our students got an opportunity to get the knowledge of various digital payments/transaction projects implemented/planned by Mr Sourabh Tomar of national Payments Corporation of India (NPCI)	


5.	27 <sup>th</sup> July 2017	Industrial Visit to M/s TATA Motors Pune	To expose sub-assembly and assembly operations in an automobile industry.	TATA Motors, Pune an automobile company was visited by our Mechanical and Production engineering students, wherein they got exposure to various components, sub-assembly and assembly operations.	
6	17 <sup>th</sup> September 2017	Industrial Visit to M/s Thyssenkrupp Pune	To expose students to manufacturing of elevators.	The students were briefed on safety protocols to be followed on the shop floor and segregated into groups and shown around material procurement, handling and raw material preparation through gas cutting, overhead transfer lines, and rolling and bending equipment; manufacturing processes like turning, vertical drilling, milling and welding but on an enormously large scale; and assembly processes using various jigs and fixtures were shown and demonstrated. Lastly different DT and NDT methods and finishing processes like sand blasting and ultrasonic testing were demonstrated.	



**2016-17:**

No.	Date of activity	Title of the activity	Objective of the activity	Description of the activity	Achievements/Evidence of the activity (Photos)
1.	22 <sup>nd</sup> and 23 <sup>rd</sup> October 2016	Two day workshop on Manufacturing Engineering at M/s L & T, C-TEA Division, Madh	To provide practical knowledge in Fabrication and welding, machining operations, Press Tool and Industrial safety	Industry experts in the field of Manufacturing engineering conducted two days of practical training to our Mechanical Engineering students.	
2.	11 <sup>th</sup> February 2017	One day workshop on 3D Printing	To provide hands on practical experience on 3D Printing.	The workshop was an interactive session between M/s Imaginarium professionals and the undergraduate students from Mechanical and Production Engineering Departments. It was a total hands on experience on design and printing in 3D Printing, which is an important tool in Rapid Prototyping Technology.	

3.	21 <sup>st</sup> – 22 <sup>nd</sup> March 2017	Intercollegiate project competition (yearly)	To showcase students' project skills	An inter-collegiate project competition “DJ Nirmiti-Igniting Manufacturing Renaissance” was organized by ISME student chapter, wherein undergraduate students have showcased their project work and other technical skills like CADD Challenge, Bridge the Gap, Business Plan etc.	
4.	19 <sup>th</sup> September 2016	Industrial Visit to M/s Kela Industries, Nasik	To expose students to fabrication of LPG gas cylinders	M/s Kela Industries, Nasik is a LPG cylinder manufacturing company. Our students visited this unit to gain various manufacturing operations to make a LPG cylinder.	

**Year 2015-16 :**


<b>No.</b>	<b>Date of activity</b>	<b>Title of the activity</b>	<b>Objective of the activity</b>	<b>Description of the activity</b>	<b>Achievements/Evidence of the activity (Photos)</b>
1.	13 and 14 <sup>th</sup> August 2015	Two day workshop on sheet metal forming at M/s L & T, C-TEA Division, Madh	To provide practical training on sheet metal forming technology.	Industry experts in the field of Sheet metal forming conducted two days of practical training to our Mechanical Engineering students.	
2	11 <sup>th</sup> February 2017	One day workshop on 3D Printing	To provide hands on practical experience on 3D Printing.	The workshop was an interactive session between the highly knowledgeable Imaginarium professionals and the undergraduate students from Mechanical and Production departments.. Many 3D models were also circulated throughout the event for better understanding and visualization of the topic. It was concluded by Hands on experience session with the 3D printers and 3D scanners which helped students to learn the technique of 3D printing.	

3.	31 <sup>st</sup> march and 1 <sup>st</sup> April 2016	Seminar on Manufacturing and Intercollegiate project competition	To showcase students' project skills	A seminar and project presentation, "Make in India: Igniting Manufacturing Renaissance" was held on 31st March 2016 and 1 <sup>st</sup> April 2016 under the aegis of ISME Mumbai chapter, Production Engineering Department and Mechanical Engineering Department. Eminent Professors and Industry experts shared their experiences in manufacturing engineering under the theme "Make in India". An Inter-Collegiate project competition was also held, which exhibited technical projects of students B. E, M. E. and Ph D programmes	
4.	15 <sup>th</sup> September 2015	Guest lecture by Mr Sachin Dharap on "ERP - Applications"	To gain knowledge on ERP Applications.	A guest lecture on "ERP applications" by Mr Sachin Dharap of M/s Ingenia polymers was conducted on 15 <sup>th</sup> September 2015.	
5	1 <sup>st</sup> February 2016	Guest lecture by Mr Mukesh Jain, Ex-Microsoft	To provide knowledge on Business Analytics.	Mr Mukesh Jain, Pune, an Ex-Microsoft analyst delivered a guest lecture on " Business Analytics" on 1 <sup>st</sup> February 2016 for the benefit of students of mechanical and production engineering students	

**2014-15 :**

<b>No.</b>	<b>Date of activity</b>	<b>Title of the activity</b>	<b>Objective of the activity</b>	<b>Description of the activity</b>	<b>Achievements/Evidence of the activity (Photos)</b>
1.	12 <sup>th</sup> to 14 <sup>th</sup> September 2014	Three day workshop on ISO/TS 16949 Automotive Standards by Mr J Sathe, TCS, Pune	To provide awareness on Tools of Quality Management System.	ISO/TS 16949 Automotive Standards Value Added Programme was conducted on September 12 to September 14, 2014 by Mr J. Sathe wherein he inculcated and explained the role of critical analysis in any task/process/product/design.	
2.	29 <sup>th</sup> and 30 <sup>th</sup> January 2015	Guest lectures by M/s L & T professionals on Product Design	To acquaint students with Product Design and Management principles and practice by industry experts.	Product Design and Management (Technical Lecture Series) by L & T personnel on 29 <sup>th</sup> and 30 <sup>th</sup> January 2015. This lecture series was conducted for undergraduate students from three branches of engineering, namely mechanical, production and electronics. The lectures are helpful to students as it introduced them to the concept of designing and managing a product by explaining the measures that need to be taken before and after designing the parts. It also provided the students with a chance to get hands on experience with specialized L&T products.	



3.	16 <sup>th</sup> and 17 <sup>th</sup> March 2015	Seminar and intercollegiate project competition (yearly)	To showcase students' project skills	A seminar and project presentation, "Expanding Horizons in Manufacturing Sector" was held on 16 <sup>th</sup> and 17 <sup>th</sup> March 2015 under the aegis of ISME Mumbai chapter, Production Engineering Department and Mechanical Engineering Department. Eminent Professors and industry experts shared their experiences in modern manufacturing systems and techniques. An Inter-Collegiate project competition was also held, which exhibited technical projects of students.	
4.	23 <sup>rd</sup> September 2014	Guest lecture by Dr B Ravi , Professor IIT Bombay	To provide knowledge e-foundry and ORTHOCAD.	An invited talk on 'Made in India From an Idea to Reality' by Dr B Ravi Professor IIT Bombay on 23 <sup>rd</sup> September 2014 emphasized the use of E Foundry and ORTHOCAD.	

5.	23 <sup>rd</sup> and 24 <sup>th</sup> February 2015.	Industrial Visit to M/s Reliance Thermal, Dahanu	To expose operations in a thermal power plant.	The students of Third Year Mechanical Engineering were provided with the opportunity to visit Reliance Thermal Power Plant Dahanu on 23 <sup>rd</sup> and 24 <sup>th</sup> February 2015.	
6	5 <sup>th</sup> March 2015	Industrial Visit to M/s BEST, Dadar, Mumbai	To expose students to Automobile maintenance.	The students of Final Year Mechanical Engineering visited M/s BEST, Dadar on 5 <sup>th</sup> March 2015	
7	30 <sup>th</sup> March 2015 and 1 <sup>st</sup> April 2015	Industrial visit to M/s Volkswagen, Pune	To expose students to an automobile manufacturing company.	The students of First Year Mechanical Engineering visited M/s Volkswagen India Ltd. Pune on 30 <sup>th</sup> March 2015 and 1 <sup>st</sup> April 2015	

**2013--14 :**

<b>No.</b>	<b>Date of activity</b>	<b>Title of the activity</b>	<b>Objective of the activity</b>	<b>Description of the activity</b>	<b>Achievements/Evidence of the activity (Photos)</b>
1.	14 <sup>th</sup> October 2013	Value Engineering and Management conducted by Mr. J Sathe, a consultant in TCS	To provide basic awareness on Value Engineering.	Participants were given projects based on industrial application for enhancing the value of a product in terms of cost reduction, product design, customer satisfaction etc. At the end of this informative program the participants were provided certificates issued by Indian Value Engineering Society.	
2.	20 <sup>th</sup> October 2013	Guest lecture on manufacturing by M/s Godrej, Vikhroli, professionals.	To provide knowledge by industry experts	An invited talk on Various Aspects of Manufacturing by senior & respected Godrej officials was conducted in the month of October, 2013.	
3	5 <sup>th</sup> March 2014	Guest lecture by Dr R L Srivastava on Six Sigma	To provide basic awareness on Six Sigma.	An invited talk on “Six Sigma” by Dr. R L Shrivastava [ Senior Faculty of Mechanical Engineering Department in Yeshwantrao Chavan College of Engineering ] was conducted on 5th March,2014.	
6	20 <sup>th</sup> March 2014	Industrial Visit to M/s Reliance Thermal, Dahanu	To expose operations in a thermal power plant.	The students of Third Year Mechanical Engineering visited Reliance Thermal Power Plant Dahanu on 23 <sup>rd</sup> and 24 <sup>th</sup> February 2015.	

7	20 <sup>th</sup> March 2014	Industrial visit to M/s Volkswagen, Pune	To expose students to an automobile manufacturing company.	The students of Second Year Mechanical Engineering visited M/s Volkswagen India Ltd. Pune on 20 <sup>th</sup> March 2014	
8	12 <sup>th</sup> September 2013	Industrial Visit to M/s Kela Industries, Nasik	To expose students to fabrication of LPG gas cylinders	M/s Kela Industries, Nasik is a LPG cylinder manufacturing company. Our students visited this unit to gain various manufacturing operations to make a LPG cylinder.	
9	8 <sup>th</sup> February 2014	Industrial Visit to M/s L&T, Pomai, Mumbai	To expose students to fabrication of various heavy engineering products like pressure vessels	M/s L&T, a giant manufacturing engineering company located at Powai, Mumbai.. Our students visited this unit to gain various manufacturing techniques to fabricate a product like pressure vessel.	
10	3 <sup>rd</sup> March 2014	Industrial Visit to M/s Mukand Limited Thane	To expose students to rolling of steel.	M/s Mukand Limited located at Thane manufactures steel, stainless steel semi finished products through rolling, drawing, wire drawing etc operations. Our students visited this company to observe the operations.	