



Bangalore Chamber of Industry and Commerce

No.1A, Bharat Apartments, 44/1, Fairfield Layout, Race Course Road, Bangalore 560001
Tel: 22286080 – 82; Fax: 22251475; e-mail: bcic@bcic.org.in; website: www.bcic.org.in

A report on Symposium on “Achieving Excellence through Global Manufacturing Practices” on Saturday, April 17, 2010

Bangalore Chamber of Industry and Commerce (BCIC) organized a one-day Symposium on “Achieving Excellence through Global Manufacturing Practices” on Saturday, April 17, 2010.

The main objective of the Symposium was to deliberate on the issues relating improvement in the manufacturing process to achieve production excellence and also to identify and cut down wastage associated with the manufacturing process to create more value. The Symposium was also designed to share the best practices employed in the global manufacturing plants.

Mr. K R Girish, President, BCIC in his Welcome Address said that the Indian companies should strengthen its comparative advantage by automating their production processes to increase productivity and deploy best industry practices so that they can create more value by moving up the value chain activities.

Mr. T R Parasuraman, Chairman, Industry – Manufacturing Expert Committee, BCIC emphasized that in the current competitive world, every manufacturing firm not only need to improve its quality but also address the issue of pricing of its products by adopting Global best practices in their manufacturing processes. He then introduced the speakers and said that the Symposium would covering on the following topics, viz., (i) Total Productive Maintenance (TPM), (ii) Total Quality Management (TQM), (iii) Toyota Productions Systems and (iv) Six Sigma Experience in manufacturing . He said that the above four issues are the major key drivers to achieve excellence in productivity through reinforcement of basic quality, production and maintenance systems and nurturing appropriate climate through total employee involvement activities.

The Inaugural Session was followed by Technical Sessions with presentations from the following industry experts :-

TECHNICAL SESSION I – A Journey on Total Productive Maintenance (TPM)

Mr. Srinivas G Shirgurkar, Managing Director, Ace Designers Ltd.,

Mr. Srinivas Shirgurkar explained the concept of TPM and its significant impact on the bottom line of an organization. The journey commenced with the explanation of the major losses happening in an organization and ways of measuring such losses through availability, performance rate and quality rate and capturing the net efficiency or Overall Equipment Efficiency (OEE) by multiplying these three indices. He also explained the significance of minimizing the management losses thereby maximizing the OEE. Ace Designers have designed a simple and user friendly software to track OEE, Availability, Performance rate, Quality rate on a real time basis and give an early feedback on which area to focus to continuously improve OEE. Mr. Shirgurkar in his emphatic appeal emphasized that by not measuring OEE it can naturally drop down to as low as 20 percent and just by starting to measure it can increase to 40 percent and by analysis and countermeasures it can jump to more than 70 percent.

The presentation was well appreciated and received by all participants.

Mr. Girish suggested that the OEE can be recommended as one of good indicators in company results documents as well to get the correct health of corporate companies.

TECHNICAL SESSION II – A Journey on Total Quality Management (TQM)

Mr. V Kovaichelvan, Senior Vice President, TVS Motor Company Ltd.,

Mr. Kovaichelvan took the audience by storm in explaining the journey of TQM. He clearly brought out the philosophy of TQM as a religion sincerely and faithfully practiced by all firms top to bottom. He explained the initiatives developed such as suggestion scheme, QC Circles, CFT and Special task force across the organization in realizing the Total Employee Involvement. Interestingly he touched up on the motivational measures adopted by involving the families of employees in realizing TQM. The softer issues in realizing TQM to achieve 100 percent participation was also well addressed. The session was quite interactive and the participants raised a number of logical questions and were well answered patiently by the Speaker.

TECHNICAL SESSION III - A Journey on Toyota Production Systems (TPS)

Mr. Vinaya R Kumar, Deputy General Manager, Toyota Kirloskar Motor Pvt Ltd

Mr. Vinay Kumar presented on the basic philosophy of TPS through a simple video and explained the various steps and processes involved in the manufacture of an automobile. He explained the two pillars for realizing TPS viz., Jidouka and Continuous Improvement. Jidouka means the ability of a process to stop automatically in case of an abnormality or defects while continuous improvement aims at improvement of shop floor through Kaizen and thereby spiraling up the efficiency. Mr. Vinay Kumar emphasized on the importance of establishing and achieving standard work as a means to realize TPS. He further explained that the standard work can be realized through thorough understanding and practice of fundamental skill and elemental skill by all members by practicing Genchi Genbutsu. The concept of Takt Time to meet customer demand was also explained in detail during his presentation. .

TECHNICAL SESSION IV – A Journey on Six Sigma experience in Manufacturing

Mr. Shyam Prasad, Senior Manager, Bosch Limited

Mr. Shyam Prasad took the audience through a journey of 6 Sigma. A black belt and two time winner of National trophy from ISI, he proudly explained the concept of fluctuation and normal distribution and the meaning of 6 Sigma. He explained 6 Sigma approach as a systematic problem solving technique through careful analysis of experimented data and thereby establishing a significant correlation between input parameters and actual results in a process. By understanding this relationship, the process of reliability can be significantly enhanced by control of input parameters. Mr. Shyam Prasad explained the entire concept through a successful case study which clarified many doubts the participants had regarding the implementation process.

The symposium was well attended by over 60 participants constituting Senior Representatives from various industry sectors and also was an eye opener to focus on some of the key challenges facing the manufacturing industries in reaching global standards.

Each Technical Sessions were followed by Q & A Sessions and the speakers responded to several queries / issues raised by the participants.

Mr. T R Parasuraman, Chairman, Industry – Manufacturing Expert Committee, BCIC proposed a hearty Vote of Thanks to all the participants for their support and cooperation in making this Symposium a grand success.
