



## **Dr. D. Y. Patil School of Management**

Dr DY Patil Knowledge City, Charholi (Bk.), Via Lohegaon, Pune – 412105.

***Guest Lecture – Prof. (Dr.) Mahesh Gupta, Department of Information Systems, Analytics and Operations, University of Louisville, USA.***

**Event Date – 27<sup>th</sup> June 2022**

**Topic - Integrating Theory of Constraints, Lean, and Six Sigma: A framework development and its application**

Dr Mahesh Gupta Sir elaborated on the concept of integrated framework that combines the strengths of three business excellence philosophies: Theory of Constraints, Lean, and Six Sigma (TLS). Under this framework, the management team of the company employs a growth-oriented mindset, adopts global measurements, and implements an integrated process improvement methodology.

He explained how small-to-medium companies implemented the proposed framework and improved its TLS Orientation.

Employing the tools of TOC, Lean, and SS in an integrated manner the business excellence is improved in terms of improved flow, reduced waste, and increased process capability, and thereby, strengthened its financial performance parameters such as Net Profit and Return on Investment.

A TLS oriented company pursues business excellence by having a growth-oriented mindset, adopting global measurements, and implementing an integrated continuous improvement methodology.





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The business excellence is characterized by two key principles i.e., continuously increasing flow of products to meet market demand, and reducing waste and variation to strengthen the value chain.

The following are the glimpses of the event: -







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