



Late Shri Vishnu Waman Thakur Charitable Trust's  
**VIVA INSTITUTE OF TECHNOLOGY**  
SHIRGAON, VIRAR (EAST)  
**DEPARTMENT OF MECHANICAL ENGINEERING**

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**Report on ISTE Approved Short Term Training Programme, on Recent Trends in Manufacturing Industry organized by Mechanical Engineering Department**

Manufacturing has changed radically over the last few decades and these rapid changes are going to continue in future too. The emergence of new manufacturing technologies, spurred by intense market competition has led to developments of innovative products and processes. New management philosophies and practices, organizational structures and decision-making approaches have also emerged as complements to these challenges. Manufacturing will remain one of the principal means by which national wealth is created. Hence, it is essential that the nation be prepared to implement the advancements in manufacturing methods to compete and survive in the arena of global manufacturing. A crucial step in preparing for the future will be the development of a technical foundation through research by industry, academia and government institutions which must be guided by a clear vision of manufacturing in the next century and an understanding of the fundamental challenges that must be met to realize this vision. This workshop aims at exposing research scholars, academicians and practicing engineers to the advances and recent trends in the manufacturing Engineering.

**Short Term Training Program on RECENT TRENDS IN MANUFACTURING INDUSTRY**

The objective of the ISTE Approved STTP was

- To provide platform for faculty members with a view to explore the recent trends in manufacturing industry.
- To provide practical exposure through hands on experience using “Mastercam” software.

This was the first ISTE approved program specific Short Term Training Program conducted by Mechanical Engineering Department in the college.

The inauguration was attended by Principal Dr. Arun Kumar sir, Trustees, Mr. Sanjiv Patil sir, Mr. Shashank Patil sir, Trust coordinator Mr. K. P. N. Kutty sir and Mr. Dharmendra Gupta, Manager, Addonix Technologies Pvt. Ltd. ; along with the faculties of the college and participants.

## **Details of the speakers is as under:**

<b>Sr. No.</b>	<b>Name of the Guest Speaker</b>	<b>Details of the Speaker</b>	<b>Topics covered</b>	<b>Date</b>
1.	Mr. Dharmendra Gupta	Manager, Addonix Technologies Pvt. Ltd., Goregaon East, Mumbai	Introduction, installation, configuration and working of 3D Printing with Practical Demonstration.	2 <sup>nd</sup> May, 2016
2.	Mr. Dharmesh Vadgama	Manager, Parker Hannifin India Pvt. Ltd., Mahape, Navi Mumbai	Introduction to recent trends in Fluid power Industries.	3 <sup>rd</sup> May, 2016 (half day)
3.	Mr. Ashok Asawale	Vice President, Mahindra & Mahindra, Kandivali, Mumbai.	3D printing related to Automotive Industry.	3 <sup>rd</sup> May, 2016 (half day)
4.	Mr. Dinesh Kapoor	Proprietor, VDA Technologies, Vasai	MASTERCAM Milling & Turning with Practical Training.	4 <sup>th</sup> May, 2016 5 <sup>th</sup> May, 2016 6 <sup>th</sup> May, 2016
5.	Mr. Navneetsingh Matharu	MASTERCAM Expert, Onword Technologies Ltd., Pune	MASTERCAM Milling & Turning with Practical Training.	4 <sup>th</sup> May, 2016 5 <sup>th</sup> May, 2016 6 <sup>th</sup> May, 2016

A total of 45 faculty members participated in the One week Short Term Training Program conducted. The overall feedback of the Training Program was encouraging and was highly rated by the participants.