

An Expert Talk under IIIC on “MODERN MANUFACTURING TRENDS: A PARADIGM SHIFT”

28th January, 2014

(Under TEQIP-II)

Mr. Nilesh Siraskar, President / CTO, Dexterous Technologies, Nashik discussed about the advances in manufacturing methods and the paradigm shift in shop floor practices which took place over the past few years. Current vibrant market demands very quick turn-around times and rapid response to changes in product specifications. Mr. Nilesh elucidated the diversity of needs of customers and the rapidity with which these needs change in proportions and also in terms of characteristics. When these customer aspirations need to be met with the



limited facilities in the shop floor, a lot of planning, improvisation, and optimization need to be undertaken by the shop floor managers, policy makers, and the designers. There is a lot of industrial engineering practice, operations research, intuition into the manufacturing process, and sheer

common sense to minimize the wastage and maximize productivity, Mr. Nilesh opined. Many start-up companies as well as veteran companies suffer huge

losses because they lack such expertise in “dodging” the demands with limited resources.



The lecture was well received since it contained vivid examples, lively discussions, and real-life illustrations.