

Lecture 01 Operations Management: Basics

Operations Management

The target of our team is that all engineers and managers have an idea about various tools and techniques that can be adopted for managing the operation. the overall objective. I think I have tried to highlight in this brief discussion In the beginning of the course only. so, we will be focusing on the various aspects both in one to one discussion, as well as with the help of a presentation. in operations management. There are lots and lots of things that intermingled with each other. Most of the topics are interrelated to each other.. so, as I have already explained input output. so, the input is converted into the output. then there are requirements based on the demand. We know how much we must produce. Then, there is a control. we have to see that we have planned that we will be producing 500 cars. producing 500 cars per week. then, there is requirements. we must ensure that in the next week we produce 520.. Each of the topics are not stand-alone topics, they are interrelated. Their inter mixed and we need to understand the subject not learning the subject individually but learning them in context of the overall objective of operations management that is to ensure the good quality products are produced in right quantity at right time and at competitive cost. so, if we have a solution to one important topic or one important problem, it will help us to solve many other problems in the downstream..

Operations management deals with the design and management of products,, processes,, services and supply chains. different types of aspects are related in operations management. so, here. The focus will be on design and managing of all these four important aspects starting from products to the final supply chain. the science and art of ensuring goods and services are created and delivered successfully to the customers.. The overall target of operations management is to be competitive and in order to satisfy or I must say be competitive by ensuring the satisfaction of our customers. so that they become loyal to the brand of our company and they feel satisfied and confident in buying the product.. operations management is an integrative body of knowledge, whose skills are needed in industries as diverse as health care, education,,, telecommunication,, hospitality,, food,, service,, banking and consulting. Consulting. So, Operations management is one of the three