

ABOUT THE COURSE

Globalization has intensified competition, worldwide. Competitive pressure is forcing the Organizations to look for the ways and means for improving their processes so that Quality of the products and services are improved. Waste reduction leads to cost reduction. Customer satisfaction increases the business horizon. Improved Customer Satisfaction is the goal of Six Sigma. The methodology of Six Sigma aims at integrating all operations throughout the corporation to make them produce their outputs right first time. Everything from the receipt of enquiry, internal and external communication, information systems, customer support and down to the level of logistics services must be done correctly to achieve operational excellence and thereby enhancing satisfaction of the customers. Six Sigma Implementation Program covers variety of processes related to manufacturing and services including distribution operations, warehousing and inventory management, hospitality, health care, electronics equipment manufacturing, electronics component manufacturing, boiler industry to printed circuit board industry, banking to insurance business.

TOPICS TO BE COVERED

Six Sigma Philosophy
Developing Business Process Measures
Product / Process Characterization
Establishing process measurements
Defining and Initiating Six Sigma projects
Statistical Techniques for Six Sigma implementation
Quality Initiatives - ISO 9001: 2000 version
Measurement and Analysis - Establishing the gain

FACULTY

The course faculty includes resource persons from IISC, IITs, NITs, and Industries.

ELIGIBILITY:

Faculty of Mechanical Engg/Industrial Engg/Production Engg /MBA /Other Engg Disciplines who have interest in their Product Quality

REGISTRATION:

Faculty from Academic Institutions: 200
Participants from Industries : Rs 1000
The registration fee must be paid by DD in favour of "The Director, NIT, Tiruchirappalli-620015" and payable at SBI, NIT, Tiruchirappalli.

BOARDING AND LODGING:

Boarding and lodging will be provided in the Institute hostel for the participants from academic institutions and TA will be paid as per AICTE norms. Industrial participants have to make their own arrangements for boarding and lodging and also No TA will be paid.

Maximum No of participants: 30

IMPORTANT DATES

Last date for receiving application : 10-12-2009
Intimation of Acceptance : 11-12-2009

REGISTRATION FORM

AICTE - MHRD

Sponsored

Short Term Training Programme on

Quality through Six Sigma Concepts and Its Implementation

14th December 2009 to 18th December 2009

1. Name :
2. Qualification :
3. Designation :
4. Department :
5. Official Address :

- Phone :
- Email :

6. Accommodation required: Yes [] No []
7. Details of DD
Amount: DD No.:
Date :
Bank name & Place:
8. Signature of the Participant

DECLARATION BY THE APPLICANT

The above mentioned information is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the AICTE-MHRD Programme. I shall attend the course for the entire duration.

Place:

Date:

Signature of Applicant

SPONSORSHIP CERTIFICATE

Mr/Ms/Dr. _____

is an employee of our institution and sponsored to attend the AICTE-MHRD STTP course, if selected.

Place:

Date:

Signature and
Seal of Sponsoring authority

ADDRESS FOR CORRESPONDENCE

Dr S. Kumanan

Professor and Dean (Students)

Department of Production Engineering

**National Institute of Technology Tiruchirappalli
620015**

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ABOUT THE INSTITUTE :

National Institute of Technology Tiruchirappalli is a premier institute of national importance by act of parliament, governed by MHRD Government of India.

ABOUT THE DEPARTMENT

The Department of Production Engineering was established in the year 1983. The Department offers B.Tech. (Production Engineering), M.Tech. (Manufacturing technology), M.Tech (Industrial Engineering), M.S. and Ph.D. programmes. State-of-the-art laboratories are available in major production engineering subjects. Research papers have been published in journals and conferences. More than 50 Phd degrees were awarded through Research Guidance by the Faculty of Production Engineering. The Department offers engineering consultancy in the areas of design, manufacturing and resource management

HOW TO REACH US :

Tiruchirappalli is well connected by Rail, Road and Air. The Institute is located in the Trichy-Tanjore High way 21Kms from the Trichy Railway Junction and Bus stand. The Trichy International Airport is located 25 Kms from the institute.

NATIONAL INSTITUTE OF TECHNOLOGY

TIRUCHIRAPPALLI – 620 015

TAMIL NADU



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Co-ordinators

Dr. S. Kumanan, Professor

Dr R. Jeyapaul, Asst.Professor

Department of Production Engineering