

Training programme on Six Sigma

Process Improvement Using Data
Analysis And Interpretation

24/07/2017

to

28/07/2017



Organised by

Department
of
Computer Applications
NIT Tiruchirappalli - 620015

NIT Trichy

National Institute of Technology (formerly known as Regional Engineering College) Tiruchirappalli, situated in the heart of Tamil Nadu on the banks of river Cauvery, was started as a joint and co-operative venture of the Govt. of India and the Government of Tamil Nadu in 1964 with a view to catering to the needs of man-power in technology for the country.

Computer Applications

The Department of Computer Applications is one of the pioneering departments of the institution that offers Information Technology courses such as MCA and one among the top five offering MCA courses in the country. It is committed to impart quality education in the sub-fields of IT, a field growing in leaps and bounds. The curriculum is so made that the course provides a good theoretical foundation through high quality teaching complemented by extensive practical training. It is dedicated to the mission of inculcating value-based, socially committed professionalism to the cause of overall development of students and society,

Training Programme

Objectives

Six Sigma is a disciplined, data-driven approach and methodology for eliminating defects in any process – from manufacturing to transactional and from product to service. It is a measure of quality that strives for near perfection. Statistical representation of Six Sigma describes quantitatively how a process is performing. Six sigma process (define, measure, analyze, improve, control) is an improvement system for existing processes falling below specification and looking for incremental improvement.

Topics

- Introduction
- Methodologies
- Tools & Techniques
- Measurement System Analysis
- Analysis – Data Mining & related
- MiniTab
- ANOVA
- Minitab & ANOVA
- Design of Experiments

Resource Person

Col. Santosh Dabral is the resource person, a certified Six Sigma Master Black Belt from ISI. Had been personal technical advisor to the Director General of the QA organization. Specialized with LSS, TPM, MSA, PPAP, APQP, FMEA, ISO, DOE etc.



Acquainted with advanced statistical software like Minitab & JMP in addition to working on R analytics software for data mining. Held the prestigious post of Principal Technical Advisor to the Director General & Signal Officer in Chief Of Indian Army and assisted in communication planning, technical support and administration.

Registration Fee

- Executives : Rs. 6000
- Faculty other than NITT : Rs. 4000
(Accommodation on payment basis)
- NITT Faculty : Rs. 3000
- Students (UG, PG, PhD) : Rs. 2500

Registration fee includes workshop kit, lunch and refreshment. Send the filled in registration form with DD on or before 15/07/2017 . DD must be drawn in favor of "The Director, NIT, Tiruchirappalli" payable at Tiruchirappalli. Send a scanned copy of the registration form and DD to blsundar@nitt.edu.

Programme Organizers

Dr.S.R.Balasundaram, Associate Professor
Dr.S.Domnic, Assistant Professor
Dept. of Computer Applications.
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Registration Form

Training programme
on
Six Sigma
24th to 28th July 2017

Name:

Designation:

Organization:

Official Address:

Mobile No. :

Email:

Payment Details

DD No. :

Bank:

Date:

Rs. :

(DD should be drawn in favor of
"The Director, NIT, Tiruchirappalli"
Payable at Tiruchirappalli)

Date

Signature

Signature of the forwarding authority with seal