Quality Management and Statistical Quality Control  
(November 22-25, 2010)

Programme Co-ordinator
Prof. MV Durga Prasad

This programme is about the use of statistical methods and other problem solving techniques to improve the quality of the products/services. The topics like quality improvement, lean six-sigma, modeling process quality, probability distributions, sampling & sampling distribution, testing of hypothesis, statistical process control (with sub topics like cause & effect diagrams, flow chart analysis, scatter diagrams, pareto chart analysis, run charts, control charts), process capability analysis and acceptance sampling are covered in this programme. Three to four sessions will be allocated to computer lab for preparing certain charts using excel.

The interpretation of charts plays an important role in decision making. Statistical methods play a vital role in quality improvement. They provide the principal means by which a product is sampled, tested, and evaluated, and the information in those data is used to control and improve the manufacturing process. The probability distributions are used to model the behaviour of product parameters in a process.
Pedagogy

Classroom sessions
Computer lab sessions

Fee

The programme fee is Rs.12,000/- per participant for Indian participants & US$ 600 for overseas participants. This includes boarding & lodging and supply of reading material as well as non-refundable registration fee (of Rs.1,000/- in case of Indian participant & US$ 50 in case of overseas participant). The fee should be paid in advance by demand draft in favour of the *Institute of Rural Management, Anand*, payable in Anand.

Contact Details

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*Deadline for Confirmation of Participation: October 31, 2010*