

INDIAN STATISTICAL INSTITUTE
SQC & OR Unit
Street No.8, Habsiguda, Hyderabad - 500 007

Announces

Part-time Course in STATISTICAL QUALITY CONTROL
[with Six Sigma Green Belt Certification]

1. **Batch No. :** 44
2. **Scope:** This course is intended to provide intensive training in the theory and practice of SQC. Emphasis is on equipping the participants with the basic practical skills in SQC approach with sufficient theory to understand the principles involved and to develop in them the power of systematic thinking, practical approach and exposition.
3. **Duration:** July – December 2017
4. **Commencement of the course:** *2nd July 2017 (Sunday)*
5. **Class Timings :** Classes will be held only on Sundays. There will be four sessions on each Sunday with the following timings:
Session I : 9 AM to 11 AM Session II : 11.15 AM to 1.15 PM
Session III : 2 PM to 4 PM Session IV : 4.15 PM to 6.15 PM
6. **Eligibility:** Admission is restricted to persons working in industrial, commercial or scientific organizations and *sponsored by their organizations / self-sponsored with 'No Objection Certificate' from the organization.* Minimum educational qualifications are any one of the following
 - Degree/Diploma in any branch of technology from a recognized institution.
 - Bachelor's degree (with mathematics at the pre-university or equivalent level) from a recognized university or institution.

Candidates should normally be under 35 years of age. Candidates should possess a minimum of one year's working experience in industrial, commercial or scientific organization. The sponsoring organizations must ensure

- that their candidates will attend at least 75% of classes,
 - adequate opportunities for the candidates to carry out the project work on some problem of interest to them,
 - facilities-such as transport-to the faculty of SQC & OR Unit for supervising the project work.
7. **Course Structure:** The course comprises lectures, practical exercises, assigned reading, home tasks, tutorials, seminars, group discussions and project studies on Statistical Methods and SQC Techniques. Project work runs concurrently outside the class hours in the candidate's own organization. The course includes learning of relevant statistical software and their usage for carrying out statistical analysis in an efficient manner. The course will enable the participants to acquire the necessary

advanced Six Sigma Green Belt skills to effectively deploy Six Sigma and further their knowledge and skills towards acquiring Black Belt and Master Black Belt.

8. **Course Contents:** Quality Management, Introduction to Six Sigma Methodology and Quality Management Systems, Statistical Methods, Statistical Process Control (SPC), Acceptance Sampling, Design of Experiments, Reliability Engineering, Tolerancing, and Introduction to Measurement Systems Analysis. (Refer prospectus for further details.)
9. **Criteria for admission:** Based on *Academic Qualification, Selection Test and Interview.*
10. **Selection test & Interview:** Test on mathematics of Intermediate level at ISI premises on **25 June 2017 (Sunday)** 09.30 a.m. onwards followed by interview on the same day. At the time of the selection test, the candidates are required to bring the following original certificates (the original certificates will be returned immediately after verification) :
 - i) SSC Marks list
 - ii) Intermediate Marks list
 - iii) Degree or diploma certificate
 - iv) Certificate of highest degree (if any)
11. **Fee:** Rs. 25,000/- (Rs. Twenty Five Thousand only). This includes course fee, cost of course material and administrative expenses. The fee is payable to ISI either in the form of DD in favour of 'Indian Statistical Institute' payable at Hyderabad or by NEFT. The last date for payment of course fee is **Wednesday, 28 June 2017**. (Candidates can also pay the fee on 25th June 2017, if selected in the test & interview.)
12. **Application:** The prospectus and the application form can be downloaded from our website <http://isihyd.ac.in/academics.html#sqc> . The filled-in application form should be submitted along with the necessary documents and demand draft drawn in favour of 'Indian Statistical Institute' payable at Hyderabad / proof of online payment towards applicable application fee.
13. Payment may also be made by NEFT. Bank Details for Online Transfer :
Address : Syndicate Bank, J S N Colony, Habsiguda, Hyderabad.
Account No : 30451010000079
IFSC Code : SYNB0003045
14. **Last date for submission of completed application forms :**
 - (i) With an application fee - **Rs.500/-** : **31 May 2017**
 - (ii) With application fee including late fee - **Rs.1,000/-** : **22 June 2017**
15. **Queries:** For further details / any other queries, contact:

Prof. G Murali Rao, Teacher-in-charge / K Venkata Ramana, Course Facilitator

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Website: www.isihyd.ac.in