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. :** 46

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 2019 (Extendable)

4.   **Commencement of the course:** *07 July 2019 (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

     - Any bachelor's degree (with mathematics at the pre-university or equivalent level) from a recognized university or institution.
     - Diploma in any branch of engineering or technology from a recognized institution.

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,

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. The knowledge of concepts taught in this course will also help as a foundation for courses on Business Analytics.

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 and performance in the Selection Test.*

10.   **Selection Test:** Test on mathematics of Intermediate level at ISI premises on *30 June 2019 (Sunday)* 10.00 a.m. onwards followed by certificate verification. 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)
        v) Category certificate (SC/ST/OBC-NCL/DA) (if applicable)

11.   **Fee: Rs. 30,000/-** (Rs. Thirty Thousand only). This includes course fee, cost of course material and administrative expenses. The fee is payable only by *finally selected candidates* either in the form of DD in favour of 'Indian Statistical Institute' payable at Hyderabad or by NEFT.

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 application fee of **Rs.500/-.**

13.   Bank Details for Online Transfer (NEFT only) :
        Name of account holder : Indian Statistical Institute
        Syndicate Bank, J S N Colony Branch, Habsiguda, Hyderabad.
        Current Account No : 30451010000079
        IFSC Code : SYNB0003045

14.   **Last date for submission of completed application forms**
      (signed hardcopy of the application form with required enclosures) :

<div align="center">

26 June 2019

</div>

15.   **Queries:** For further details / any other queries, contact:

<div align="center">

K Venkata Ramana, Course Facilitator

Tel: 2715 3984 / 2717 1906 / 2717 9402
e-mail: sqcisihyd@gmail.com
Website: www.isihyd.ac.in

</div>