

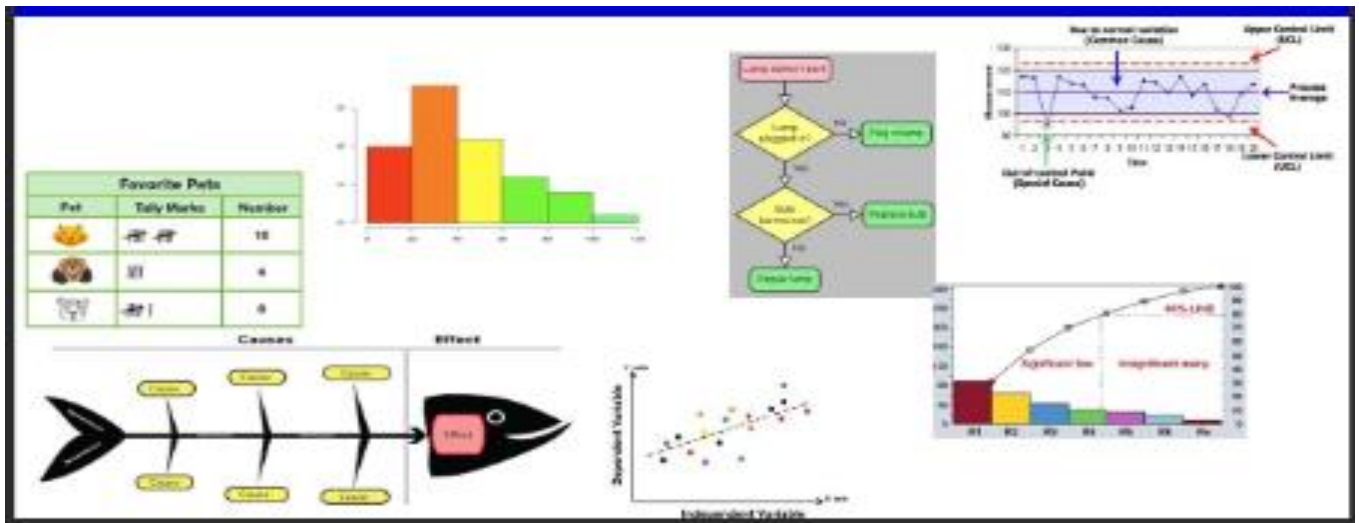


Engineering Staff College of India
Autonomous Organ of The Institution of Engineers (India)
Old Bombay Road, GachiBowli, Hyderabad – 500 032



Quality & Productivity Division

Continuing Professional Development Programme on
7 QC TOOLS for
Effective Quality Management
(Hybrid Mode)
07 - 09 July, 2025



Centre for Promotion of Professional Excellence

Introduction:

The 7 QC (Quality Control) tools are simple yet powerful methods used globally to improve processes, identify defects and ensure Quality standards in Engineering, manufacturing and Service organisations. These tools form the foundation of continuous improvement initiatives like Lean and Six Sigma, empowering professionals to make data-driven decisions and foster innovations in their projects.

Objectives:

1. To provide a systematic approach to problem-solving.
2. To enable data analysis and visualization for effective decision making.
3. To improve processes, enhance Quality and minimize defects.
4. To equip professionals with tools that drive team collaboration and project success.

Coverage:

- a. Check Sheets: Collect and Organise data systematically.
- b. Pareto Charts: Identify the most critical factors using the 80/20 rule.
- c. Cause-and –Effect Diagrams (Fishbone Diagrams or Ishikawa Diagrams): Pinpointing the Root Causes of Problems.
- d. Control Charts: Monitor and Control process variability.
- e. Scatter Diagrams: Analyse relationships between variables.
- f. Histograms: Visualise data distributions for better insights.
- g. Flow Charts: Map processes and identify inefficiencies.

Benefits:

1. Enhance Quality and Productivity in Engineering processes.
2. Gain a competitive edge by adopting globally recognized practices.
3. Drive process optimization and cost reduction.
4. Build confidence in tackling complex challenges with simple tools.
5. Foster a culture of continuous improvement within the Organisation.

METHODOLOGY

The Programme will be conducted in an interactive environment providing greater scope for discussions. Emphasis will be on a highly participative style of learning. The faculty will act as provocateurs and resource persons and demonstrate application oriented studies in a professional manner.

TARGET PARTICIPANTS

Scientists, Managers, Electronic Engineers, Staff working in Manufacture, Assembly Quality, Quality Control and Testing are eligible to Participate in the Training Programme. The Course is highly useful to DGQA, DGAQA, CQAE Officers, Technical Officers, QA / QC personnel, Contract & Procurement Managers / Engineers involved in Manufacture.

PROGRAMME VENUE, DATES & TIMINGS

VENUE: Engineering Staff College of India (ESCI) Campus, Beside CARE Hospital, Gachibowli, Hyderabad - 500 032. TELANGANA STATE, India.

DATES: 07 – 09 July, 2025

TIMINGS: Registration will commence at 09.45 hrs, Program timings will be from 09.45 – 17.00 Hrs. with breaks in between for tea and lunch.

COURSE DIRECTOR (S)

Dr. U S JYOTHI, FIE
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Dr. KATTI BHARATH, M.Tech, Ph.D (NIT-Warangal)
Faculty & Course Director
Management & Technology Division,
Engineering Staff College of India
Mob: 7799114919 / Ph: 040-66304110/4113
Email: qp@escihyd.org

FACULTY

Apart from core internal faculty and experts from industry will share the sessions.

COURSE FEE

Rs. 16,500 /- + 18% GST per participant. Fee includes, Soft copy of the course material, course kit, twin-sharing/single AC accommodation as per availability, breakfast, lunch, dinner, tea / coffee and snacks during the actual days of training programme (**Offline mode**).

Rs. 10,500/- + 18% GST per participant. Fee includes Experts Online Support and Reading Material in Softcopy form (**Online**).

DISCOUNTS

Non-Residential Fee: 10% discount on course fee is allowed for non-residential participants. (Participants who are attending offline only)

PAN Card No AAATT3439Q; GSTIN: 36AAATT3439Q1ZV

MODE OF PAYMENT

Programme fee is to be paid in favour of “**IE(I)-Engineering Staff College of India**” in the form of demand draft payable at Hyderabad.

Alternatively, the payment may be made by Electronic Fund Transfer (EFT) to ESCI – SB A/c No. 912010049234564 with Axis Bank Ltd., Gachibowli branch, Old Mumbai Highway, Cyberhills Colony, P Janardhan Reddy Nagar, Gachibowli, Hyderabad – 500032, T.S., by NEFT/ RTGS/ IFSC Code No. UTIB0000733 – MICR No.500211020.

While using EFT method of payment, please ensure to communicate us your company name, our invoice reference and Programme title.

REGISTRATION

Online Registration shall be available on ESCI website.

To register, manually please send your nominations giving details of name, designation, contact address, email address, mobile no, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to Email: qp@escihyd.org.

CERTIFICATE

On successful completion of the course and continuous assessment during the course, the participants will be awarded a certificate by ESCI.

GENERAL INFORMATION

- ESCI encourages participants to present case studies from their respective organizations.
- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in at 1200 hrs.) and one day after conclusion (Check-out at 1200 hrs.) of the Programme duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation)
- Well-developed Information Centre and Internet facilities are available to the participants.