



Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)
(An ISO 9001: 2008 Certified Institution)

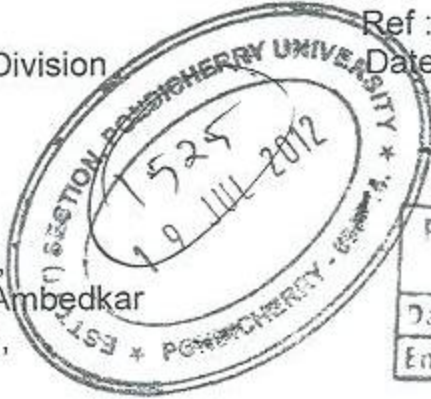
Old Bombay Road, Gachi Bowli, Hyderabad – 500 032
Phones: 66304100, 66304108-10(Direct), Fax: 040-23000336
E-mail: qp@escihyd.org Website: www.escihyd.org



M Subha
Faculty & Head I/c
Quality & Productivity Division

Ref : ESCI/Q&P/QP50011&QP5034/2012-13
Date: 10 July 2012

To
The Vice Chancellor
Pondicherry University,
Bharat Ratna Dr. B.R.Ambedkar
Administrative Building,
R.V.Nagar, Kalapet,
Puducherry 605014.



PONDICHERRY UNIVERSITY VC's Secretariat	
Date of Receipt	17/7/12
Entry No.	381

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Dear Sir,

Sub: Continuous Professional Development Programmes

We are pleased to inform you that ESCI is conducting training programmes on

1. "Quality Initiatives in Technical & Higher Educational Institutions (in Compliance with NBA, NAAC & ABET Accreditation)" from 28 – 30 August 2012 at ESCI, Hyderabad.
2. "Certified LEAN Six Sigma Green Belt Training" from 10 - 14 Sep 2012 at ESCI, Hyderabad.

Enclosed brochures explains the programmes objectives, coverage, fee etc. We request you to kindly nominate your executives to participate in the above programmes and make use of the opportunity.

Thanking you,
Yours Sincerely

Handwritten signature of M. Subha

(M Subha)
Encl: as above

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Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)

Quality & Productivity Division

Calendar of Programmes : April 2012 – March 2013

No	Name of the Programme	Days / Schedule	Code
1	Total Quality in Purchase Process (ERP / SAP, e-Commerce & e-Procurement)	3	QP 5002
2	ISO 9001 : 2008 - Effective Implementation and Internal Auditor Training	3	QP 5006
3	NABL Accreditation of Laboratory based on ISO / IEC 17025 : 2005 (Awareness & Documentation & Effective Implementation)	3	QP 5001
4	Quality in HR Systems based on People Capability Maturity Model (People CMM)	3	QP 5016
5	Design for Six Sigma Green Belt Training for Design & Development Professionals	5	QP 5034
6	IRCA - UK Certified ISO 9001 : 2008 - Lead Auditor Training	5	QP 5010
7	Achieving Operational & Business Excellence in Power Plants - Application of Modern Quality Tools	5	QP 5032
8	NABL Accreditation of Medical Laboratories based on ISO 15189 : 2007 - (Awareness, Documentation, Effective Implementation & Internal Audit)	4	QP 5004
9	NABL Accreditation of Laboratory based on ISO / IEC 17025 : 2005 (Awareness & Documentation & Effective Implementation)	3	QP 5001
10	Certified Internal Auditor & Effective Implementation Training based on QMS ISO 9001 : 2008, ISO 9004 : 2009 & ISO 19011 : 2011	3	QP 5006
11	Total Quality in Purchase Process (ERP / SAP, e-Commerce & e-Procurement)	3	QP 5002
12	Quality Initiatives in Technical & Higher Educational Institutions (in Compliance with NBA, NAAC & ABET Accreditation)	3	QP 5011
13	Certified LEAN Six Sigma Green Belt Training	5	QP 5034
14	IRCA - UK Certified ISO 9001 : 2008 - Lead Auditor Training	5	QP 5010
15	NABET Accredited OHSAS 18001 : 2007 - Lead Auditor Training	5	QP 5029
16	Total Quality Management in Power Distribution - Application of Business Excellence and Modern Quality Tools	5	QP 5035
17	Calibration of Instrument / Equipment and Measurement Traceability	3	QP 5012
18	Quality in HR Systems based on People Capability Maturity Model (People CMM)	3	QP 5016
19	ISO 9001 : 2008 - Effective Implementation and Internal Auditor Training	3	QP 5006
20	Total Quality in Vigilance	3	QP 5036
21	Quality Assurance in Hospitals and Health Care Services	3	QP 5020
22	Current Good Manufacturing Practices (cGMP) for Active Pharmaceutical Ingredients (API)	3	QP 5007
23	Training Needs Analysis and Impact Evaluation	3	QP 5003
24	ISO 9001 : 2008 - Effective Implementation and Internal Auditor Training	3	QP 5006
25	Certified Six Sigma Green Belt Training	3	QP 5034
26	Quality Initiatives in Technical & Higher Educational Institutions (in Compliance with NBA, NAC Accreditation)	3	QP 5011
27	IRCA - UK Certified ISO 9001 : 2008 - Lead Auditor Training	5	QP 5010
28	Total Quality in Purchase Process (ERP / SAP, e-Commerce & e-Procurement)	3	QP 5002
29	ISO 9001 : 2008 - Effective Implementation and Internal Auditor Training	3	QP 5006
30	Certified Six Sigma Green Belt Training	5	QP 5034

NOTE : We also under take customized / tailor made in-house programmes on all the above topics besides any other topic selected by Client organizations to suit their requirements

Alternatively the payment may be made by Electronic Fund Transfer (EFT) to ESCI - SB A/c No. 10007111201 with The SBI, PBB, Rajbhavan Road Branch, Khairatabad, Hyderabad-500004 by NEFT/ RTGS/ IFSC Code No. SBIN 0004159 - MICR No.500002075.

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, mobiles no, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to :

The Head
Quality & Productivity Division
Engineering Staff College of India,
Gachi Bowli, Hyderabad - 500 032,

Phone : 040 - 23000465 / 23000466 ; Ext. 4108, 4109, 4110

Direct Phones : 040 - 66304108, 109, 110, 134 Fax : 040 - 23000336,

Email : qp@esci.org

CERTIFICATE

A certificate of participation will be awarded to each participant on conclusion of the programme.

GENERAL INFORMATION

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of the outstation participants ESCI will facilitate pickup and drop from Airport / Railway Station/ Bus stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participants directly to the cab.
- ESCI provides complimentary accommodation a day prior to the commencement and after the conclusion of the programme. (Check in at 12:00Hrs a day prior to the commencement & Check out at 12:00 hrs a day after completion of the programme.)
- Overstay Charges of @ Rs.750/- per day, per head will be charged.
- ESCI provides accommodation for spouse / children on prior intimation and subject to availability @Rs 250/- per day, per head during the **ACTUAL PROGRAMME DAYS**. Other than programme days, Rs. 750/- per day per head. Charges (for accompanying person) for food/ refreshments to be paid extra as per caterer's rates.
- Family accommodation charges are to be sent along with the registration fee.
- Well developed Information Centre and internet facilities are available to the participants free of cost.



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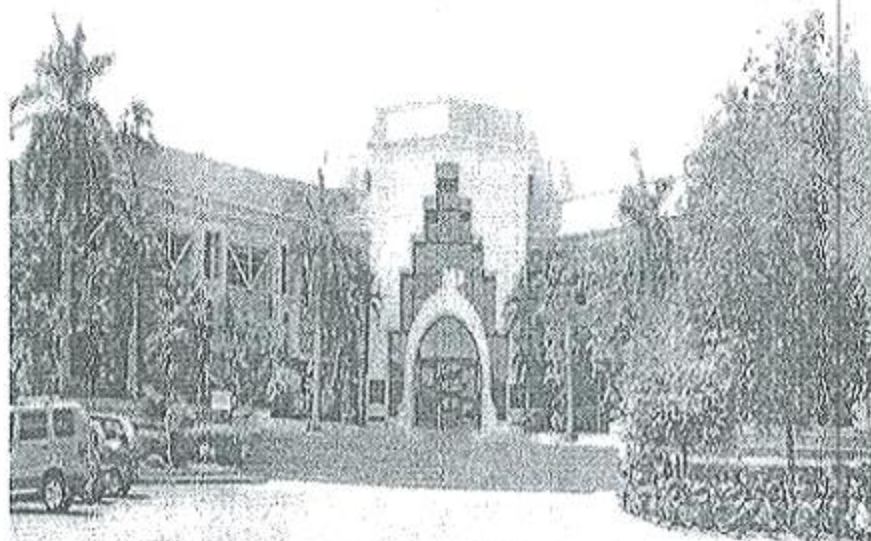
Quality & Productivity Division

Workshop on

Quality Initiatives in Technical & Higher Educational Institutions

(in Compliance with NBA, NAAC & ABET Accreditation)

28 - 30 August 2012, ESCI, Hyderabad



(An ISO 9001:2008 Certified, AICTE & CEA Recognized Institution)

Centre for Promotion of Professional Excellence

INTRODUCTION

With the advent of globalization and echoing to zenith of service sector developments, the technical and higher education system in India has been subjected to radical and revolutionary changes. The growth and competition, expected entry of foreign Institutions in India, emerging Industry sponsored Institutions among self financing institutes and ever increasing awareness of stakeholders has pressurized the technical and higher educational system to shift its focus from quantitative expansion to qualitative expansion. Quality Initiative in Institution has to be introduced at different levels viz., Academic deliverables, Governance and Management of Institutions, Quality of the Intellectual Capital etc. There are several scientific quality assessment processes like ISO Certification, Accreditation Evaluation by the National Assessment and Accreditation Council (NAAC) of UGC (for Higher Education Institutions / Universities including Technical Education) and National Board of Accreditation (NBA) (Only for Universities / Institutions of Technical Education). With the establishment of Deemed Universities, Private Universities in higher and technical education (including converting existing Institutions into deemed universities), there is a need to conceptualize the system and procedure for effective Governance and Management of the Universities / Institutions. The drive for accreditation symbolizes growing interest in applying quality initiatives in institutes. Total Quality Management (TQM) in Educational Institutions previews the quality of inputs in the form of students, faculty, teaching learning process and infrastructure; and the quality of outputs in the form of the value added students with a host of indicators assessing quality.

OBJECTIVES

The proposed three days programme would focus on various quality interventions in higher and technical education institutions and also details the finer points of quality evaluation system and process of accreditation of NBA, NAAC and ABET

COVERAGE

- Quality Initiatives and Quality Assurance in Technical & Higher Education
- Quality Enhancement through Enablers & Outcome based Approach
- Criteria for Accreditation of NBA, NAAC & ABET
- Evaluation Guidelines and Preparation of Self Assessment Report (SAR) - NBA
- Evaluation Guidelines and Preparation of Self Study Report (SSR) - NAAC
- Programme Educational Objectives & Outcomes
- Institution Preparation for Accreditation
- Case Study
- Panel Discussion

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 through Lectures, Group discussions & Mock Accreditation activities.

TARGET PARTICIPANTS

The three day programme is designed for Education Entrepreneurs, Directors, Principals, Heads of Institution, Educational Administrators, Registrars, Senior faculty members from Technical and Higher Education Institutions / Universities

(Government, Self & Deemed Universities) who are the key personnel to understand and implement Quality Initiatives in their Institutions. The Technical / Higher Educational Institutions who are planning to go for NBA / NAAC & ABET Accreditation and planning to improve quality of education will find the program useful.

PROGRAMME VENUE, DATES & TIMINGS

Venue : Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachhi Bowli, Hyderabad. 500 032. AP, India.

Dates : 28 - 30 August 2012

Timings : On the first day Registration will commence at 0900 hrs. On all other days the programme timings will be from 0945 - 1715 hrs with breaks in between for tea and lunch.

COURSE ADVISORS

Dr. D N Reddy, Member, UGC, Regional Chairman, AICTE (SCRO) & Former Vice Chancellor, JNTU, Hyderabad

COURSE CO-ORDINATOR

M Subha, Faculty & I/c Head - Q & P Division

FACULTY

Senior experts and Assessors of NBA, NAAC will share the sessions.

COURSE FEE

Rs. 15,000/- (Residential) + (12.36% ST) per participant. Fee includes, 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.

DISCOUNTS

- ❖ Non-Residential Fee : 10% discount on course fee is allowed for non-residential participants.
- ❖ Group Discount : Additional 10% discount for three or more participants, if sponsored by the same organization.

(All discounts are applicable only if fee is received at ESCI before the commencement of the programme.)

Service Tax as applicable (FY 2012-13 @ 12.36%) is to be paid extra over and above the training fee, as training is also brought under the purview of Service Tax.

PAN Card No AAATT3439Q;

Service Tax registration No AAATT3439QST008 (under Commercial Training or Coaching Services - clause 65 (105) (ZC) of Finance Act - 1994).

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.

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Service Tax as applicable (FY 2012-13 @ 12.36%) is to be paid extra over and above the training fee, as training is also brought under the purview of Service Tax.

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The Head

Quality & Productivity Division

Engineering Staff College of India,

Gachi Bowli, Hyderabad - 500 032,

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Direct Phones : 040 - 66304108, 109, 110, 134 Fax : 040 - 23000336,

Email : qp@escihyd.org

CERTIFICATE

After successful completion of the course and evaluation, ESCI will award LEAN Six Sigma Green Belt Certificate to the participants

GENERAL INFORMATION

- ESCI encourages participants to present case studies from their respective organizations.
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Engineering Staff College of India

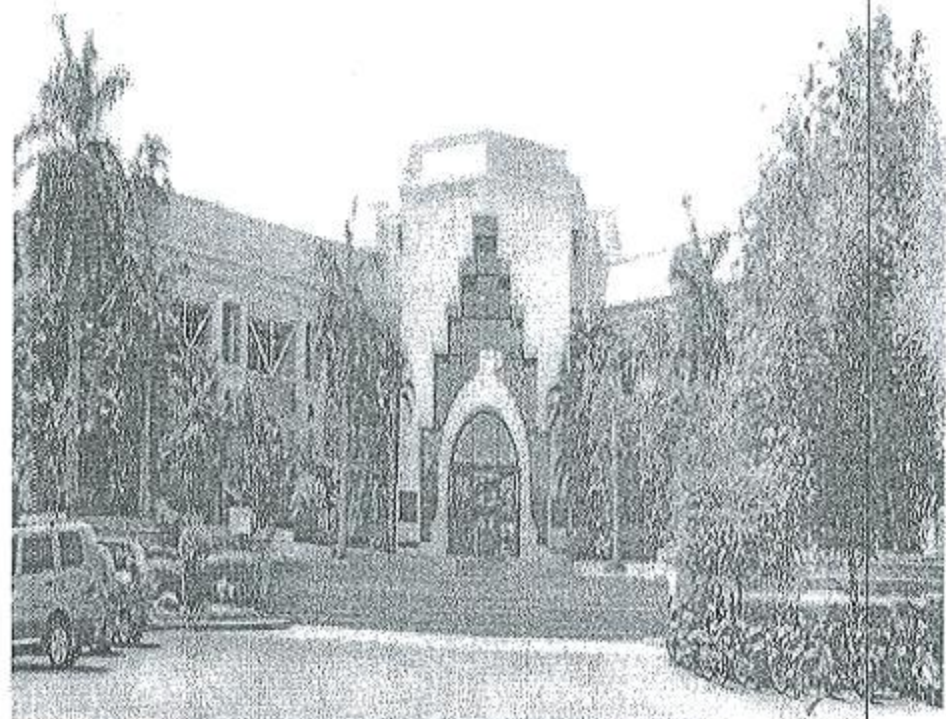
Autonomous Organ of The Institution of Engineers (India)
Old Bombay Road, Gachi Bowli, Hyderabad - 500 032. AP, India

Quality & Productivity Division

Continuing Professional Development Programme on

Certified LEAN Six Sigma Green Belt Training

10 - 14 September 2012, ESCI, Hyderabad



(An ISO 9001:2008 Certified, AICTE & CEA Recognized Institution)

Centre for Promotion of Professional Excellence

INTRODUCTION

LEAN Six Sigma is an accelerated performance improvement method and business strategy rapidly spreading throughout the world in all types of organizations. What began as a common measurement system and goal for process performance has turned into a proven means of improving quality, productivity, gaining market share and increasing profitability

The central idea behind LEAN Six Sigma is to improve the flow of the process and the variations in the process and eliminate the defects.

LEAN Six Sigma Implementation Program covers variety of processes related to production and services not only limited to Manufacturing but also warehousing and inventory management in hospitality, health care, education, banking, insurance business, construction sector, power sector, communication sector, IT sector, ITES, Local self governments and what not.

If LEAN Six Sigma is implemented as a organizational strategy in any type of organization the end result will get reflected in sustainable bottom line improvements.

Certified LEAN Six sigma Green belt is first level Professionally competent person to implement six sigma Quality Improvement Programme.

The Green Belt programme provides participants with an overview of LEAN Six Sigma and in-depth orientation on pivotal concepts & tools of LEAN Six Sigma.

OBJECTIVES

Participants of green belt course learn to :-

- appreciate the power of data driven methodology of Quality Improvement
- apply the principles of the LEAN Six Sigma DMAIC road map
- establish the 'Voice of the customer' in defining the required performance
- use statistical tools to shorten project schedule and ensure that the targeted results are obtained
- establish ongoing process controls and process governance structures
- demonstrate comprehension of the tools and techniques on a project identified by the participant in their work area
- increase customer satisfaction and profitability through LEAN Six Sigma projects

COVERAGE

The programme is based on the DMAIC (Define, Measure, Analyze, Improve & Control) model of process improvement. Participants also learn the various quality improvement techniques and application of Statistical Software.

Topics Covered are :

- Overview of LEAN & Six Sigma Methodology
- Identification, Prioritization and Selection of Improvement Opportunities
- Roles and Responsibilities in LEAN Six Sigma Implementation
- Over view of LEAN Six Sigma Project execution (DMAIC or DFSS/ DMADV) (Define-Measure- Analyze- Improve & Control, Design for Six Sigma, Define Measure Analyze Design and Validate)
- Development of Project Team and Charter
- Define and Map Processes to be improved (SIPOC (supplier, input, process, output, customer) / COPIS (customer, output, process, input, supplier)), Activity Flow Chart)
- Identification of Critical to Customer / Critical to Business Characteristics (concept of tree diagram)
- Type of Data, Sample Size determination for a given confidence level and Data Collection Planning including use of Prioritization Matrix and / or FMEA
- Introduction to various Statistical Software Packages for data display
- Measurement System Evaluation (Gauge R&R) for variables as well as attribute data
- Understanding variation-special causes vs. common causes (like dot plots, box plots, histogram and control charts)
- Stratification Methods (like Pareto, Bar Diagrams, stratified dot plot, etc)

- Evaluation of Process Capability and Assessment of Sigma Level
- Process Mapping including, identification of value added and non value added activities (use of lean concept)
- Organizing for potential causes using cause and effect diagram, FMEA & Tree Diagram
- Verification / Validation of causes using work place investigation (GEMBA)
- Concept of Correlation and Regression and use of the same in validating causes
- Concept of Test of Hypothesis like 2 Sample t, Chi Square, ANOVA etc and use of the same in validating the causes
- Concept of Industrial experimentation
- Select and prioritize solutions for the validated causes including concept of Risk Analysis using FMEA.
- Develop plan for pilot and full scale implementation
- Concept and Examples of Poka Yoke, Visual Workplace and 5S
- Evaluation and Monitoring Mechanism (like control chart for controlling purposes, Process Audit, Surveillance) of results after implementation of the solutions
- Institutionalization and integration of the solutions
- Process of Closing the Project
- Case Studies of Six Sigma Projects

The course will end with a test for successful completion & certification.

METHODOLOGY

The Methodology adopted is aimed to increase competencies of participants through a variety of instructional methods including lectures and case studies by experienced practitioners, group discussions and debates covering current practices of attendees and their relationships to the implementation of aspects presented during the programme.

Emphasis would be laid on sharing of experiences and problems of the participants.

TARGET PARTICIPANTS

Managers / Engineers / Professionals and Line Staff from key functional areas eg. Design, Production, R & D, Quality, Materials Management, Purchasing, HR, Project Management, Finance, Administration, IT , Business Excellence from all sectors like : Industry, Power , Defence, Banking, Insurance, Construction, IT & ITES, Electronics, Automobile, Engineering, Food & Beverages, Hospitals & Health Care, Medical Services, Pharmaceuticals, Chemical, Educational Institutions etc. and Central & State Government Technical & Administrative Services.

PROGRAMME VENUE, DATES & TIMINGS

Venue : Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachi Bowli, Hyderabad. 500 032. AP, India.

Dates : 10 - 14 September 2012

Timings : On the first day Registration will commence at 0900 hrs. On all other days the programme timings will be from 0900 - 1730 hrs with breaks in between for tea and lunch.

COURSE DIRECTOR

S.K.Verma, Advisor ,Quality & Productivity Division, ESCI

LEAD FACULTY

Prof. A K Chaudhuri - Six Sigma Expert with four decades of experience in academics & Industries. Formerly Professor of SQC & OR, Indian Statistical Institute, Bangalore.

COURSE FEE

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