



# Engineering Staff College of India

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



## INFORMATION TECHNOLOGY DIVISION

### PROFESSIONAL DEVELOPMENT PROGRAMME

# Information Security Management System (ISMS) Lead Implementer (ISO 27001)



17 – 21 Jan 2017



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

Centre for Promotion of Professional Excellence

## Introduction

Growing scrutiny toward industry's Information Security Management has made conformance with ISO 27001:2013 - a voluntary, internationally recognized Information Security Management Systems (ISMS) standard - more important than ever. Competence of Lead Implementer is the most important factor for ensuring effective implementation of the Information Security Management System. Information Security management system Implementer require understanding of the standard, stake holder requirements, statutory requirements, and finally the application of these in most complex situations.

This five-day intensive course enables the participants to develop the expertise necessary to support an organization in implementing and managing an Information Security Management System (ISMS) based on ISO/IEC 27001. The participants will also be given a thorough grounding in best practices used to implement Information Security controls from all areas of ISO 27002. This training is consistent with the project management practices established in ISO 10006 (Quality Management Systems - Guidelines for Quality Management in Projects). This training is also fully compatible with ISO 27003 (Guidelines for the Implementation of an ISMS), ISO 27004 (Measurement of Information Security) and ISO 27005 (Risk Management in Information Security).

## Objectives

- Explain the purpose of an Information Security Management System (ISMS) and explain the processes involved in establishing, implementing, operating and monitoring, reviewing and improving an ISMS as defined in ISO 27001, including the significance of these for ISMS Impelmenter;
- The course covers all nine key steps involved in planning, implementing and maintaining an ISO 27001-compliant information security management system (ISMS)
- Develop skills to interpret the requirements of ISO/IEC 27001 & EA 7/03 in the context of ISMS implementation and undertake the role of an implementer to plan, conduct, report and follow up an ISMS audit in accordance with ISO 19011

## Course Coverage

- Concepts of Information Security
- Importance of Information Security
- Reviewing Security threats and vulnerabilities
- Cyber Security Best Practices
- Management of Security Risks
- Introduction to ISO 27001 Information Security management systems
- Components of PDCA in ISO 27001
- Scope of ISO 27001
- Normative references and terms & definitions applied to ISO 27001
- **Context of the organization**
  - Understanding the organization
  - Needs & expectations of interested parties
  - Legal requirements
  - Risk management and Scope of ISMS
- **Leadership**
  - Top management commitment
  - Information Security policy
  - roles, responsibilities and authorities
- **Planning**
  - Risk and opportunities,
  - ISMS objectives
- **Support**
  - ISMS Resources
  - Competence,
  - Awareness
  - Communication
  - Document controls
- **Operation**
  - Risk Assessment and Treatment,
  - Control objectives
- **Performance evaluation**
  - ISMS measurement & monitoring,
  - Internal audit
  - Management reviews
- **Improvement**
  - Nonconformity & corrective action,
  - Continual improvement
- Documentation as per ISO 27000
- Case study and exercises on various ISMS elements for effective implementation

## Methodology

Methodology of the programme includes class room sessions with, Lecture / Discussion with audio visual aid, bench marked video shows, Chalk & Talk sessions, group discussions, case studies, debates, sharing of experiences etc. All the sessions will be interactive demanding active participation from all the members.

## Target Participants

- Top & Middle Level Managers, IT Managers, Systems Managers, Quality Professionals, Scientists, Engineers, Consultants and Internal & External auditors working in government, Defense, Power Banking, Public, Private sector organizations and Industries.
- Professors, Faculty members and Technical Staff of Engineering and MCA colleges.

## Programme Venue, Dates & Timings

**Venue: Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachi Bowli, Hyderabad. 500032. Telangana, India.**

### Dates

17 - 21 Jan, 2017

### Timings

On the first day Registration will commence at 09:00 hrs. On all other days the programme timings will be from 09:45 – 17:15 hrs with breaks in between for tea and lunch.

### Course Director



**Mr. Syed Azgar , MBA(IT), RHCE, MCSA**  
Faculty & Manager-IT,  
Information Technology Division,  
Engineering Staff College of India, Hyderabad.

### Course Fee

**₹ 25,000/- (Residential Fee)** 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 commencement of the programme)**

**Service Tax @15%** is to be paid extra and above the training fee as training is also brought under the purview of Service Tax in Finance Bill 2010. **PAN Card No.** AAATT3439Q. **Service Tax Registration No.** AAATT3439QST008 (under commercial training or coaching services – clause 65(105) (ZCC) of Finance act – 1994).

Programme fee is to be paid in favour of **“THE INSTITUTION OF ENGINEERS (INDIA) – 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. 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 **web portal** : [www.escihyd.org](http://www.escihyd.org).

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 :

### The Head

**Information Technology Division**

**Engineering Staff College of India**

**Gachi Bowli, Hyderabad – Telangana 500 032**

**Phone: 040 – 66304100 (EPABX) 66304123/24/25 (Direct), Fax: 040 - 23000336**

**Email: [it@escihyd.org](mailto:it@escihyd.org), web portal: [www.escihyd.org](http://www.escihyd.org)**

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

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of outstation participants, ESCI will facilitate pick-up and drop from Airport / Railway Stations / 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 participant directly to the Cab.
- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200 h) and one day after conclusion (Check-out 1200 h) 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.