

**Madras Management Association
&
Information Systems Audit and Control Association
(ISACA Chennai Chapter)**

present

**Seven-Day (Saturdays)
Certificate Course**

Cyber Security for Managers



Starting Date

**Saturday, 29 September 2018 (10.00 am - 5.00 pm)
(7 consecutive Saturdays)**

Venue

**MMA Management Center
New No.240, Pathari Road, Off Anna Salai, Chennai-6**

Dear Members,

MADRAS MANAGMENT ASSOCIATION

AND

**INFORMATION SYSTEMS AUDIT AND CONTROL
ASSOCIATION**

(ISACA - CHENNAI CHAPTER)

Present

**MMA Seven Day (Saturdays) Certificate Course
on**

CYBER SECURITY FOR MANAGERS

**Course Commences on
29, September 2018
(seven consecutive Saturdays)**

Timing
10.00 am to 5.00 pm

Facilitators
ISACA, Chennai Chapter

Venue
Madras Management Association
New No. 240, Pathari Road (Off Anna Salai),
Chennai – 600 006

Background

Viewing Cybersecurity from Governance Perspective?

The days are passé when information technology was an enabler. For a long time they have become the drivers of the business. Several businesses are conceptualized based only on IT like the travel aggregators UBER and OLA or retailers Flipkart or Amazon. And the attackers on the IT systems are also proliferating much faster than the advancement in technology and its security. So it is highly imperative that cybersecurity is engaging the attention of the top echelon in the organization and is seamlessly integrated with Corporate Governance. And the resultant downstream flow will impact the executive management more particularly the Managers who supervise

the business processes at the ground level. This comprehensive course will provide the most essential perspectives on Cybersecurity to protect the business interests from cyber-attacks.

Course Content

Program Name and its Aims

A specially designed program called “**Cyber Security for Managers from Governance Perspective**” is organized by MMA with ISACA Chennai as the knowledge partner and content provider. Without being too technical, this program will explore the managerial aspects of cybersecurity while placing emphasis on certain fundamental concepts of cybersecurity.

Key Takeaways

- Sensitize the stakeholders that Cyber Security needs Board level commitment
- Drive home the imperatives of creation of infrastructure for Cyber Security
- Educate the creation of robust human resources to safeguard Cyber Security
- Train the stakeholders to realize the value from Security Investment
- Sensitize the stakeholders to Develop and maintain Infrastructure for business continuity
- Teach the foundations of Cyber Crime and protect the organization from various threats

For Whom:

The proposed course will be highly beneficial to the Managers in the following roles and consultants:

- Business Managers leading large teams with heavy dependency on IT
- IS/IT Managers
- IS/IT middle management team
- IS/IT Consultants
- Governance Professionals
- Risk Management team members
- Compliance team members
- Any management professional wishing to make a career in Cyber Security
- Individuals aspiring to become independent directors
- Entrepreneurs owning enterprises where technology dependency is high

Proposed topics:

Week	Topics
1	IT Landscape and System Architecture Governance- Imperatives -Components- System Architecture Models
	Cyber Security Essentials Evolution-objectives-fundamental principles- various threats
2	Frameworks and Standards for Cyber Security COBIT- NIST and ISO 27000 family
	Approaches to Cyber Security & Risk Management Eminence of Enterprise Governance- Risk Management Principles and Practices
3	Firewall-IDS-IPS Ethical Hacking- VA and PT Various flavours of IDS-IPS- basics of Ethical Hacking- Vulnerability Assessment and Penetration Testing
	Value realization from Technology- Program Management Plan and realize value from evolving technologies – Program Management concepts as relevant to Cyber Security
4	Value realization from Operations Management Operations Management- establishing and maintaining best practices (ex. ITIL) as relevant to Cyber Security
	Creation of Organizational infrastructure for Physical, Environmental Security - Monitoring, Detection and Logging
5	Mid Term Test- discussion of answers and revision of concepts covered till Week 4
	Maintain human resources to safeguard cyber security Creating and maintaining human infrastructure based on global best practices
6	Business Continuity Planning (BCP) and Disaster Recovery Planning (DRP) Business Impact Analysis- BCP and DRP
	Cyber Crime- concept and actors- Digital Forensics (DF) Types- Modus Operandi- Actors who perpetrate and who detect- basics of Digital Forensics
7	Maintaining infrastructure for fulfilling compliance requirements Compliance- business and statutory requirements-Monitoring-Detecting- logging- Continual Improvement
	Project presentation and assessment
8	Final Exam

No. of sessions planned: 12 sessions of Theory (3 hours each), 4 sessions of project work (totally 6 hours each) and 2 sessions of Tests (6 hours each).

Sessions are planned for Saturdays- forenoon and afternoon.

It will include Mid Term Test, Discussion of Mid Term Test paper and Final Exam. A passing score of 60 will be needed for the certification.

Assessment process:

Following factors will be used for the assessment of the candidates' progress:

01. Attendance
02. Assignment submission
03. Quiz
04. Class Room interaction
05. Project Work
06. Mid-term test
07. Final Exam

Fee Details

Special discounted fee for MMA members Rs.12,500/- (inclusive of GST 18%) per participant.

Participation fee – **Rs.15,000/- plus 18% GST** per participant for non-members of MMA

The cheque/DD to be drawn in favour of **“Madras Management Association” payable** at Chennai and be sent to:

Madras Management Association
MMA Management Center
New No.240, Pathari Road (Off Anna Salai), Chennai 600 006
Phone: 044-2829 1133 email: mma@mmachennai.org

Or click here for [Online Payment](#)

For further details contact: Gp Capt Dr R Venkataraman (Retd),
Mobile 94447 00068, S Revathy 99623 22893, Divya 9677104976

GST: 33AAATM5522B1Z7

Registration starts at 9.30 am and Course commences at 10.00 am. Prior registration is necessary. The fee once paid will not be refunded, change in nomination from same organization will be permitted.

Course Schedule

Classes will be held at Madras Management Association, MMA Management Center, New No.240, Pathari Road (Off Anna Salai), Chennai – 600 006, commencing on **29 September 2018**, between **10.00 am and 5.00 pm**.

Certificate

Certificate will be issued by MMA. It will also carry an accreditation that this course was conducted by ISACA Chennai Chapter.

About ISACA

ISACA was incorporated in 1967 by individuals who recognized a need for a centralized source of information and guidance in the growing field of auditing controls for computer systems. Previously known as the Information Systems Audit and Control Association®, and as EDP (Electronic Data Processing) Auditors' Association, ISACA now goes by its acronym only, to reflect the broad range of IT governance professionals. Over the last 50 years, ISACA has become a pace-setting global organization for information governance, control, security and audit professionals. Its IS auditing and IS control standards are followed by practitioners worldwide. Its research pinpoints professional issues challenging its constituents.

ISACA's Chennai Chapter is the oldest in India having been founded in 1986 by a group of visionaries who felt the need for the IS auditing even when India was very nascent to IT in that period. Since then it has grown in size and stature and is now having a membership over 1000 with most of them being successful IT governance professionals. Thanks to ISACA. Chennai chapter's educational initiatives, many of their members have fanned out on international assignments and careers based on their certifications and continue to be members of ISACA through the local chapters in their current places of work.

About MMA

Madras Management Association (MMA) was established in 1956 with the prime objective of promoting management education, training and development activities in this part of the country. The vision of MMA is "To be the Fountainhead of Worldclass Management Excellence in India".

Over the past 62 years, MMA has striven for development and nurturing management expertise, combining Indian ethos with International Management thoughts and practices. MMA has contributed immensely to the enhancement of management capability in this part of the country, and in particular Tamil Nadu and Puducherry. MMA has over 7000 corporate houses, industries, professionals, academics and executives on its rolls as members. MMA annually organizes about 650 executive development activities, including seminars for top management with a total participation of forty five thousand executives and entrepreneurs.

MMA is the largest affiliate association of All India Management Association (AIMA) in the country and has been adjudged as the Best Management Association in India by AIMA for ninth time in a row including for the year 2016-17.

For Registration, please mail us the Participant's name, Designation, Organisation, Contact number, Email id and Postal address.

We would be pleased to provide any other information required by you and look forward to receiving your nominations for the course.

Thanks & Regards

Gp Capt R Vijayakumar (Retd), VSM

Executive Director

Madras Management Association

MMA Management Center

New No.240, Pathari Road (Off Anna Salai),

Chennai - 600 006

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