Om Vidyalankar Shikshan Sanstha's

ASMITA COLLEGE OF LAW

Affiliated to the University of Mumbai and Approved by the Bar Council of India

CERTIFICATE / ADD-ON COURSE

CYBER SECURITY

Name of the Coordinator: Prof: Lyra P. Fernades

Name of the Certificate / Add-on Course: in Cyber Security

FROM : 12TH NOV. 2019 TO 20nd NOV. 2019 | No. of hours: course consists of 20 hours

OBJECTIVES OF THE COURSE

· Exhibit knowledge to secure corrupted systems, protect personal data, and secure computer networks in an Organization.

· Practice with an expertise in academics to design and implement security - solutions.

· Understand key terms and concepts in Cryptography, Governance and Compliance. —

· Develop cyber security strategies and policies

EXPECTED OUTCOME OF THE COURSE

· Analyze and evaluate the cyber security needs of an organization.

·Determine and analyze software vulnerabilities and security solutions to reduce the risk of exploitation.

· Measure the performance and troubleshoot cyber security systems.

·Implement cyber security solutions and use of cyber security, information assurance, and cyber / computer forensics software/tools.

· Design operational and strategic cyber security strategies and policies.

SYLLABUS

PART – I

ESSENTIAL COMPONENTS OF CYBER SECURITY BASIC

- CYBER SECURITY THREAT LANDSCAPE BASIC
- CYBER CRIME AND ITS TYPES BASIC – MEDIUM
- REMEDIAL AND MITIGATION MEASURES BASIC
- REORTING OF CYBER CRIME

PART – II

CYBER LAW BASIC -DATA PRIVACY AND SECURITY BASIC

- E-COMMERCE, DIGITAL PAYMENTS AND ITS SECURITY MEDIUM
- OVERVIEW OF SOCIAL MEDIA AND ITS SECURITY MEDIUM
- CYBER SECURITY OF DIGITAL DEVICES MEDIUM
- TOOLS AND TECHNOLOGY FOR CYBER SECURITY MEDIUM
- CYBER SECURITY PLAN AND CRISIS MANAGEMENT ADVANCED
- SECURITY CONTROLS ADVANCED
- RISK BASED ASSESSMENT, AUDIT AND COMPLIANCE ADVANCED
- CYBER SECURITY BEST PRACTICES AND DO'S AND DON'TS MEDIUM
- PLATFORMS TO REPORT AND COMBAT CYBER CRIME