Abstract

In last decade there is enormous development in the field of E-Learning. Through E-learning computer education can be imparted effectively and efficiently. Information security is an important field in computer education as large number of security attacks are coming into picture. Hence there is need of trained manpower in Information Security to design countermeasures against such type attacks. This paper discusses a web based e-learning environment where participants can learn the anatomy of hack attacks and then learn to design countermeasures against such type of attacks. This web based E-learning in Information Security is being imparted through a scenario based Virtual Training Environment to teach the Information Security concepts to participants by following a practical approach.

References

- Sandy Britain et al., "A Framework for Peadagogical Evaluation of Virtual Learning Environments." JISC Technology Application Programme University of Wales-Bangor.
- We Hu et al. "Collaborative Web-Based E-Learning Environment for Information Security"
- H. A. Iahoud, X. Tang “Information Security Labs in IDS/IPS for Distance Education”, Proceeding of the 7th conference on Information technology education, 2006, Minneapolis, Minnesota, USA, PP 47-52

Index Terms

Computer Science Information Sciences

Keywords

E-learning Information Security Virtual Training Environment Attacks