

**REPORT ON ARTIFICIAL INTELIGENCE IN CYBER SECURITY AT**  
**GUJARAT TECHNOLOGY UNIVERSITY, CHANDKHEDA,**  
**AHMEDABAD ON 30<sup>TH</sup> JUNE, 2018**

This seminar was organized by Gujarat Technology University collaboration with SYNJ INTEL SERVICES AND SOLUTIONS PVT. LTD SYNJ intel services and solutions private limited is working towards excellence in the cyber space and believe in pursuing business through cyber defence,OSINT training,cyber warfare innovation and future technology.SYNJ support our nation's Fight against cyber terrorism.

The seminar was initiated at 04:00 pm post registration and the introduction was given on working Cyber Security in Artificial Intelligence. Artificial Intelligence is the concept of making computers or computer control robots think in the same manner as a human would think. It is accomplished by studying how the human brain works, learns, and takes decisions in the process of solving a problem.

The seminar will focus on the use of artificial intelligence for cyber security, including machine learning, game theory, natural language processing, knowledge representation and automated and assistive reasoning. The question is How Will Artificial Intelligence and Machine Learning Impact Cyber Security? Organizations are already beginning to use AI to bolster cyber security and offer more protections against sophisticated hackers. AI helps by automating complex processes for detecting attacks and reacting to breaches. These applications are becoming more and more sophisticated as AI is deployed for security. This seminar will emphasize on application of A.I. techniques that enable resilience of cyber security systems in operational settings.

**Configurations Required:** web filtering, email filtering, firewall, APT detection, next gen firewall, white box testing, black box testing, web server, application server, database servers,kali linux, Multiple computers with mid-high range GPUs