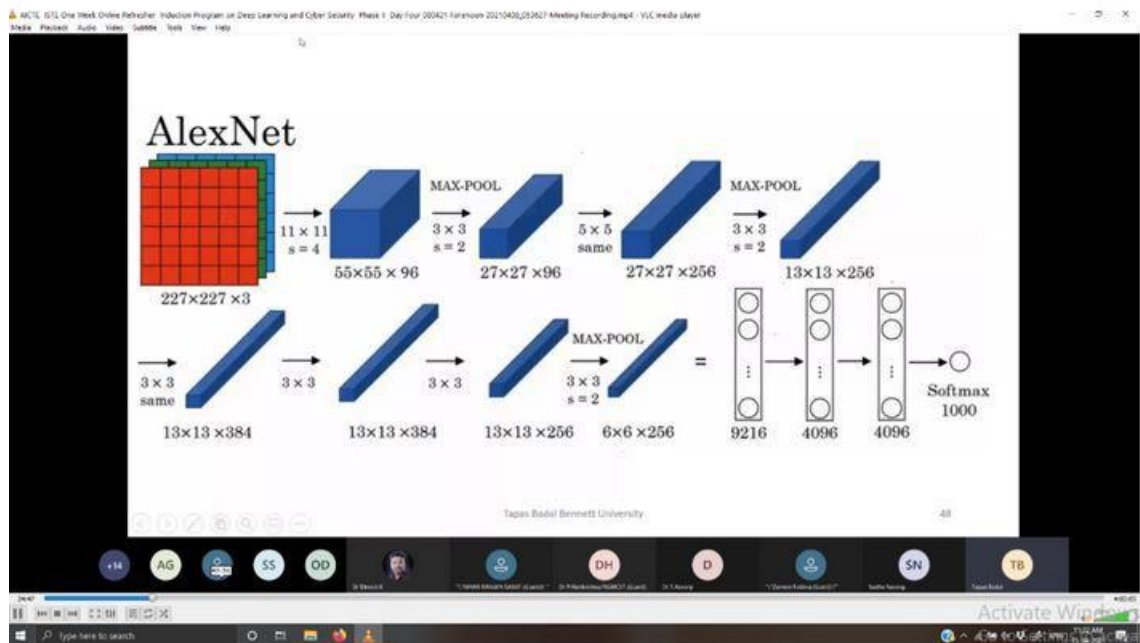


Report on
AICTE – ISTE Sponsored Refresher / Induction Program
on
Deep Learning and Cyber Security – Phase III
17.05.2021 to 22.05.2021



Submitted by : Dr S Padma Assistant Professor Department of CST

The Department of Computer Science & Technology of Madanapalle Institute of Technology & Science (UGC – Autonomous) organized the AICTE – ISTE Sponsored Refresher / Induction Program on Deep Learning and Cyber Security – Phase III from 17.05.2021 to 22.05.2021. Nearly 60 Participants (PG Students, Research Scholars and Faculty Members) belonging to the Department of Computer Science/Applications, Statistics and Mathematics from various colleges attended the workshop.

Experts in the field of Deep Learning and Cyber Security delivered their talks during these six days. The topics handled were Significance of Penetration Testing in Cyber Security, Cybercrime and Forensics, Wireless Body Sensor Network & Real-time Hospital Network Case Studies, Why Neural Network is better, Scope of Deep Learning in Cyber Security, Cyber threat Detection, Women – Cybercrime and Security, Security using Biometrics, Building Neural Network with Python, Impact of Emerging Technologies and Challenges in Cyber Security and Embedded and its Threats / Attack, Convolutional Neural Networks, Cybersecurity Challenges for the Future, Deep Learning – A new perspective, Hyper optimization model for optimization problems, Awareness on National Education Policy, Need for Cyber Security and Basics of Cryptographic Design for Cyber Security Applications and Threats.

The outcomes were:

- An overview of Deep Learning and Cybersecurity
- Emerging Trends in Cyber Security
- Implementation of concepts in Deep Learning
- Challenges to be faced in implementation of Cyber Security concepts