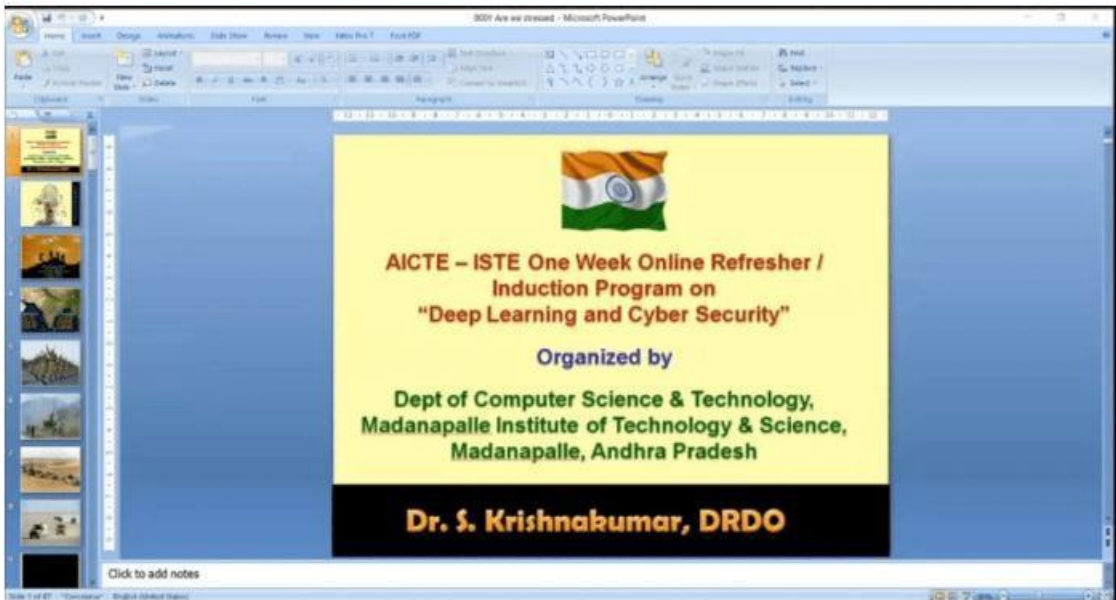


MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC - AUTONOMOUS)

Report on
AICTE – ISTE Sponsored Refresher / Induction Program
on
Deep Learning and Cyber Security – Phase I
22.02.2021 to 27.02.2021



Submitted by : Dr Padma S, Assistant Professor, Dept of Computer Science and Technology

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 I from 22.02.2021 to 27.02.2021**. 188 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.

Day 1:

The inauguration started at 10 am. Dr.K.Dinesh, Associate Professor, Department of Computer Science & Technology welcomed the gathering. Dr.M.Sreedevi, Professor and Head, Department of Computer Science & Technology, Coordinator of the program felicitated the gathering. Dr Sonali Agarwal, Associate Professor from Indian Institute of Information Technology, Allahabad delivered the inaugural address.

The technical session I was handled by Dr Sonali Agarwal, Associate Professor from Indian Institute of Information Technology, Allahabad. The title of the talk was on “Emerging Trends in Cyber Security”. It was followed by the technical session II by Dr.M.Sreedevi, Professor and Head, Department of Computer Science & Technology. She focuses on “Cybercrime and Forensics”. Technical Session III was handled by Dr.T.Kalaipriyan, Associate Professor, Department of Computer Science & Technology. He delivered his talk on “Introduction to Deep Learning”.

Day 2:

The technical session IV was handled by Dr Sridhar Swaminathan, Assistant Professor, Bennett University, Noida. The title of the talk was on “Why Neural Network is better? It was followed by the technical session V by Dr.R.Poorvadevi, Asst. Prof, Dept of CSE, SCSVMV Deemed University, Kanchipuram. She focuses on “Cyber Security Trends”. Technical Session VI was handled by Dr.S.Ramamoorthy, Associate Professor, Dept of CSE, SRMIST, Chennai. He delivered his talk on “Deep Learning Models and its Applications”.

Day 3:

The technical session VII was handled by Dr. Kapil Kumar Nagwanshi, Associate Professor, Amity University, Jaipur. The title of the talk was on “Hyperparameter”. It was followed by the technical session VIII by Dr.R.Raja Kumar, Asso. Prof. Dept of CST, MITS. He focuses on “Cyber Threat Detection”. Technical Session IX was handled by Dr. Sridhar Swaminathan, Asst. Prof. Dept of CSE, Bennett University, Greater Noida. He delivered his talk on “Building Neural Network with Python”.

Day 4:

The technical session X was handled by Dr.S.Padma, Asst. Prof. Dept of CST, MITS. The title of the talk was on “Scope of Deep Learning in Cyber Security”. It was followed by the technical session XI by Dr. Tapas Badal, Asst. Prof. Dept of CSE, Bennett University, Greater Noida. He focuses on “CNN and also Hands on training in it during session XII”.

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Day 5:

The technical session XIII was handled by Dr. Kapil Kumar Nagwanshi, Associate Professor, Amity University, Jaipur. The title of the talk was on “Deep Learning Techniques”. It was followed by the technical session XIV by Dr.S.Padma, Asst. Prof. Dept of CST, MITS. She focuses on “Security in Biometrics”. Technical Session XV was handled by Dr. M.Sree Devi, Prof and Head, Dept of CST, MITS. She delivered her talk on “Women Cyber Crime and Security”.

Day 6:

The technical session XVI was handled by Dr K K Soundra Pandian, Scientist & Public Grievance Officer, Ministry of Electronics and Information Technology (MeitY), New Delhi. The title of the talk was on “Basics of Cryptographic Design for Cyber Security Applications and Threats”. It was followed by the technical session XVII by Dr.S.Krishna Kumar, Senior Technical Officer, DRDO, Chennai. He focuses on “Are We Stressed”. Technical Session XVIII was handled by Dr K K Soundra Pandian, Scientist & Public Grievance Officer, Ministry of Electronics and Information Technology (MeitY), New Delhi. He delivered his talk on “Impact of Emerging Technologies and Challenges in Cyber Security and Embedded and its Threats / Attack ”.

Finally, the Valedictory function began at 4pm. The participants shared their experience and the learning they had in the 6 days. Valedictory address was given by Dr K K Soundra Pandian, Scientist & Public Grievance Officer, Ministry of Electronics and Information Technology (MeitY), New Delhi. Vote of Thanks for the participants is delivered by Dr.M.Sree Devi, Prof and Head, Department of Computer Science & Technology, Madanapalle Institute of Technology & Science (UGC – Autonomous). With this the event ended successfully.