



**AICTE Sponsored Online Short Term Training Programme (STTP) Series- III on “Deep Learning Applications and Challenges in Big Data Analytics”**  
**Programme Schedule**

Day & Date	Session 1 9.30 am to 11.00 am	SESSION BREAK	Session 2 11.15 am to 12:45 pm	LUNCH BREAK	Session 3 1.30 pm. to 2.30 pm	SESSION BREAK	Session 4 2.45 pm to 3.45pm
Day – 1 & 05.10.20	Introduction to Deep Learning Dr.P.Natesan, Professor/CSE Kongu Engineering College, Perundurai		GPU for Deep Learning Dr.P.Natesan, Professor/CSE Kongu Engineering College, Perundurai		Deep Learning in Data Mining and Machine learning Dr.V.K.Manavalasundaram, Professor/IT Velalar College of Engineering and Technology, Erode		Basics of Neural Networks Dr.V.Srinivasan, Professor/IT Velalar College of Engineering and Technology, Erode
Day – 2 & 06.10.20	Recurrent Neural Network Dr.V.Kavitha, Associate Professor/CSE SRM Institute of Science and Technology, Kattankulathur		Deep Learning for Big Data Image processing through Convolution Neural Networks Dr.S.Malliga, Professor/CSE Kongu Engineering College, Perundurai.		Introduction to Big Data Mr.P.Rajendran, Associate Profesor/MCA Velalar College of Engineering and Technology, Erode		Hadoop MapReduce and HBase Map Reduce Programming with demo Dr.S.Sadesh, Professor / CSE, Velalar College of Engineering and Technology Erode.
Day – 3 & 07.10.20	Analysis of Big Data with Neural Network Dr.G.Nalini Priya, Professor/IT Saveetha Engineering College, Chennai		Big Data Processing Ms.M. Karthiga,/ CSE, Assistant Professor Bannariamman Institute of Technology , Sathyamangalam		HBase / MongoDB with demo Mr.P.Vijaya Kumar, Associate Profesor/MCA Velalar College of Engineering and Technology, Erode		Applications of Deep Learning in Big Data Analytics Dr.S.Mangai, Professor/BME, Velalar College of Engineering and Technology, Erode
Day – 4 & 08.10.20	Deep Learning with LSTM Dr. P. Karthikeyan Assistant professor, Presidency University Bengaluru		Deep learning models for sentiment analysis Dr. S. Kannimuthu, Associate Professor/CSE, Karpagam College of Engineering, Coimbatore		Real Time Applications of Deep Learning Dr.P.Navaneetham, Professor / MCA, Velalar College of Engineering and Technology, Erode		Key challenges of Deep Learning and Big Data Dr.Lathajothi, Professor / CSE, Velalar College of Engineering and Technology Erode.
Day – 5 & 09.10.20	Deep Learning Algorithms Dr.C.Nalini Professor, Kongu Engineering College, Perundurai		Research directions in Deep Learning Dr.P.M.Arunkumar, Associate Professor/CSE, Karpagam College of Engineering, Coimbatore.		Analytics with Python Dr.Gowrishankar, Assistant Professor/ECE, Velalar College of Engineering and Technology Erode.		Deep learning with MATLAB Dr.M.Kalamani, Professor/ECE, Velalar College of Engineering and Technology Erode.
Day – 6 & 10.10.20	Deep Learning and automated tagging Dr.Neha Sharma, Analytics & Insights-TCS & Founder Secretary, Society for Data Science, India		Deep Learning Big Data Projects using Keros Mr.S.A.Jaiganesh, Software Engineer, HCL, Chennai		Deep Learning Big Data Projects using Tensorflow Mr.DeepanRaj Embedded Software Engineer Visteon Technical Services Centre, Chennai		Online Test and Valedictory Function