FORMAT FOR THE VARIOUS ACTIVITIES REPORT OF THE STTP/WORK SHOP/ CONFERENCES

Title: AI & Machine Learning **Duration: 17 – 21 Dec 2018**

Department: Electronics and Communication Engineering

Brief programme report



E & ICT Academy, MeitY New Delhi has organized Faculty Development Programme on AI & Machine Learning **, from 17-21 Dec 2018** through National knowledge network (NKN) in Maulana Azad National Institute of Technology Bhopal, MP. AI Fundamentals, Search Techniques, Knowledge Representation, Machine Learning Structures, Machine Learning Algorithms, Supervised and unsupervised learning. Artificial Neural Network (Multi-Layer Perception), Radial Basis Function, Functional Link ANN, Self-Organizing Map, Clustering Adaptive FIR and IIR structures. Least Mean Square algorithm, Back Propagation, Genetic algorithm, Differential Evolution, Particle Swarm Optimization and Other Nature Inspired Optimization.



Important speakers:

- Dr. Atul Gupta, IIITDM Jabalpur
- Prof. Rajeev Srivastava , IIT BHU
- Ashish Shardana , NVIDIA
- Dr. Partha Pratim Roy, IIT Roorkee
- Dr. Biju Ravichandran, MATLAB

Local Center Coordinators

- Dr Arvind Rajawat, MANIT Bhopal
- Dr R N Yadav, MANIT Bhopal
- Dr Lalita Gupta, MANIT Bhopal

Affiliation and place of the participants

There were overall 45 participants, 23 participants were affiliated to MANIT Bhopal and 22 participants from various institutes of Madhya Pradesh.

Coordinators Name: Dr Arvind Rajawat, Professor, ECE Dept

Dr R N Yadav, Professor, ECE Dept

Dr Lalita Gupta, Associate Professor, ECE Dept