

Training program NITW
FINAL REPORT
16TH AUG TO 22ND AUG 2023

Day 1:- 16/08/2023

At 9 am the program has started with the registrations process of candidates and also distributions of stationary to the participants. Then program has been started with national song followed by inauguration by key guest honors. From 11 to 1 PM, Introduction to Machine Learning Basics was taken up by Prof. M. Srinivas NITW. Then in the afternoon session, Introduction to MATLAB and Hands on training, was explained by Prof. Amara Prakasa Rao NITW, from 1 30 to 3:30PM, from 3:30 to 5:30 PM Hands on training using MATLAB was explained by Prof. Amara Prakasa Rao NITW.

Day 2:- 17/08/2023

In the morning from 9 to 11 AM, theory session on Introduction to Fuzzy Logic and Applications was taken up by Prof. Anjaneyulu L NITW, from 11 AM to 1 PM, Theory session on Supervised and Unsupervised learning Methods, was taken up by Prof. M. Srinivas NITW. Then in the afternoon session from 1 30 to 3:30PM, Fundamentals of Image Processing and Hands on MATLAB and from 3:30 to 5:30 PM, Hands on Training on Python was explained by Prof. Md. Farukh Hashmi NITW.

Day 3:- 18/08/2023

In the morning from 9 to 11 AM, Theory session on Calculus in Data analytics was taken up by Prof. Jagannath Roy NITW and from 11 AM to 1 PM, Theory session on Introduction to Optimization Techniques-1 was taken up by Prof. Amara Prakasa Rao NITW, from 1 30 to 3:30PM, and Theory session on Introduction to Optimization Techniques-2 was taken up by Prof. Amara Prakasa Rao NITW, and from 3:30 to 5:30 PM, Hands on training for Machine Learning on MATLAB/Python was explained by Prof. Md. Farukh Hashmi NITW.

Day 4:- 19/08/2023

In the morning from 9 to 11 AM, Theory session on Statistical Techniques in Data Analytics was taken up by Prof. Jagannath Roy NITW and from 11 AM to 1 PM, Theory session on Neural Networks and Concept of Deep learning was taken up by Prof. M. Srinivas NITW Then in the afternoon session from 1 30 to 3:30PM, session on Applications of AI/ML in Biomedical Image Processing with Hands on Python was explained by Prof. Md. Farukh Hashmi NITW, and from 3:30 to 5:30 PM, Hands on training, for Optimization Techniques using MATLAB was explained by Prof. Amara Prakasa Rao NITW.

Day 5:- 20/08/2023

In the morning from 9 to 11 30 AM, Theory session on AI/ML for Biomedical Signal and Data Processing was taken up by Prof. Ramalinga swamy Cheruku NITW, and from 11 AM to 1 PM, Theory session on AI Accelerator was taken up by Prof P. Murlidhar NITW. Then in the afternoon session from 1 30 to 3:30PM, Hands On Session on Python for AI/ML Applications, was explained by Prof. Md. Farukh Hashmi NITW, and from 3:30 to 5:30 PM Hands-on training on Deep learning Applications, was explained by Prof. Md. Farukh Hashmi NITW.

Day 6:- 21/08/2023

In the morning from 9 to 11 30 AM, Theory session on AI/ML for Wireless Communications was taken up by Prof. Venkata Mani V NITW, and from 11 AM to 1 PM, Theory session on Cardiac arrhythmia classification using Wavelet transforms and ANN was taken up by Prof. V. Rama NITW. Then in the afternoon session from 1 30 to 3:30PM, Hands-on training on Deep learning Applications was explained by Prof. Md. Farukh Hashmi NITW, and from 3:30 to 5:30 PM Theory session on Data Analytics using R-Programming with Hands On, was explained by Prof. T. Ramakrishnudu NITW.

Day 7:- 22/08/2023

In the morning from 9 to 11 30 AM, Theory session on Soft computing Techniques for EEG signal Processing was taken up by Prof. Prakash Kodali NITW, , and from 11 AM to 1 PM, Theory session on AI/ML for Autonomous Driving Applications, was taken up by Prof. Md. Farukh Hashmi NITW. Then in the afternoon session from 1 30 to 3:30PM, Theory session on Reinforcement Learning for Communications with Hands on Session, was taken up by Prof. Chayan Bhar NITW, and from 3:30 to 5:30 PM, Conduction of test to the participants, feedback session and finally Valedictory session.