Report On Online FDP
"Deep Learning And Machine Learning In Biomedical Signal Processing"

This online FDP was organized by E & ICT Academy, National Institute Of Technology, Warangal(Sponsored by Ministry Of Electronics And Information Technology (Meity), Goi) in Association With Departments of Electronics and Communication Engineering of GNITS and G. Pulla Reddy Engineering College (Autonomous), Kurnool from 23rd August 2021 – 3rd September 2021.

The following is the details report of the FDP:

The FDP was attended by 56 participants including faculty members from University of Kashmir and from various Engineering colleges and research scholars inside and outside Telangana, A.P states ,India.

The FDP was inaugurated on 23rd August 2021 followed by first session at 11.20 AM by Dr. Ravi Kumar, Associate Professor, ECE dept., NITW.

On the second day of the FDP, on 24th August 2021 FN session was started by Dr.J.Ravi Kumar ,Associate Professor ,ECE dept., NITW , the afternoon session was a practical exposure

Third day of the FDP, on 25th August 2021, was a complete hands on session on Regression Models using Bio medical data set using Kaggle by Mr.A.B.Ahadit,NITW.

On 26th August 2021, fourth day of the FDP FN session was handled by Santhosh Kumar, Associate Professor dept. BVRIT, Hyderabad The afternoon session was a hands on session.

On 5th day,27th August 2021,in the FN session was handled by, Dr.J.Ravi Kumar.Afternoon session was a hands on session.

On Sixth day of FDP,28th August 2021, FN session was handled by Dr.J.Ravi Kumar sir. Afternoon session was a hands on session

On 29th August 2021,7th day of the FDP in the FN session was handled by Dr.J.Ravi Kumar .On 8th Day of the FDP ,1st September 2021, both the FN and AN sessions were handled by Dr. Kadambari mam,Asst.Prof.,CSE,NITW .

On 2nd September,2021 ,9th day of the FDP, one of the greatest resource person ,Dr. Swagatam Das sir , Associate professor and Head of the Electronics and Communication Sciences Unit of the Indian Statistical Institute, Kolkata delivered sessions on Deep Generative Models .

The final day of the FDP was started by Dr.J.Ravi Kumar sir and sir explained K-Means Clustering Algorithm and in the afternoon session Mr.M.Vijay Kumar sir gave practical exposure for the same using Python Programming followed by Test conduction

92% of the participants felt that the delivery and presentation of the resource persons is Good and 86% of the participants expressed that they got to know about practical aspects related to ML in Biomedical Signal Processing

The objectives of this FDP:

• To familiarize the faculty with machine learning algorithms in addressing acute clinical problems and disease prediction leading to significant solutions to chronic problems in healthcare systems.
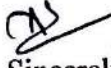
Outcome of the FDP:

After attending the FDP,the participants were acquainted with the knowledge and application of Deep Learning and Machine Learning Algorithms in the area of Bio Medical Signal Processing.

Convenor
Dr.B.Venkateshulu
HOD,ECE
GNITS

Dr.B.Venkateshulu,
Prof. & HOD, ECE Dept.,
B.Tech,M.Tech.PhD., MCSI.MIETE,MISTE,
G.Narayanamma Institute of Technology and Science
Shaikpet, Hyderabad. Telangana State - 500008

Sincerely
Sarada A
Asst.Prof.,ECE dept
FDP Coordinator
GNITS.