



G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (For Women)
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Shaikpet, Hyderabad – 500104

DEPARTMENT of ELECTRONICS and TELEMATICS ENGINEERING

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Report on “Artificial Intelligence and Machine Learning: Real Time Applications” Online FDP held from 20/09/21 to 30/09/21

The Electronics & Telematics Engineering Dept., GNITS has organized a Two week online FDP on “Artificial Intelligence and Machine Learning: Real Time Applications” in association with E & ICT, NIT, Warangal from 20/09/2021 to 30/09/2021. Total number of 61 participants, of ETE, ECE, CSE, IT, HM and BS departments from different colleges of Telangana, Andhra Pradesh, Chennai, Uttarakhand, Maharashtra, Thiruvananthapuram and Punjab attended this FDP.

In this online FDP the following topics related to Artificial Intelligence and Machine Learning are delivered by Professors from reputed institutions like NIT's , IIT's, IIIT's , ISI and by industry professionals from IBM. Topics delivered:

- Introduction to AI and its applications in real world.
- Introduction about machine learning, Types of Learning algorithms
- Unsupervised learning methods, Partitioned and hierarchical clustering methods
- Bayesian learning, decision tree based classification methods
- Dimensionality reduction methods
- Hands on to implementation of supervised and unsupervised methods
- Support vector machine classification and application
- Neural networks and practical implementation
- Introduction to Deep learning methods and applications
- Medical Image data processing and analysis
- Hands on to implementation of Image data processing and analysis
- Reinforcement Learning, Optimization and Data driven Methods
- GAN

All the participants gained the theoretical and practical knowledge in Artificial Intelligence and Machine learning, which in turn benefitted the participants to know the current research trends and carry out their research work in Artificial Intelligence and Machine learning.

At the end of event, the feedback was collected and response was very good.

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