



ON

Artificial Intelligence and Machine Learning : Real Time Applications

(29th - 30th Sept 2021)

Organized by E & ICT Academy, NIT Warangal

(Sponsored by Ministry of Electronics and Information Technology (MeitY), Govt. of India)

in association with

Department of ETE, G. Narayanamma Institute of Technology and Science (for Women), (AUTONOMOUS),

Shankpet, Hyderabad



Day	Session 1 11.00 A.M - 1.00 PM		Session 2 2.00 P.M - 4.00 P.M	
	Inauguration (10.30 A.M - 11.00 A.M)	Introduction to Machine Learning and Applications Dr. J Ravi Kumar NIT Warangal	Introduction to Python M Vijay Kumar NIT Warangal	
20-09-2021				
21-09-2021		Working with Python Dr. J Ravi Kumar & M Vijay Kumar NIT Warangal	Linear Regression Dr. J Ravi Kumar & M Vijay Kumar NIT Warangal	
22-09-2021		Machine Learning Techniques: Multiple Linear Regression Dr. J Ravi Kumar & M Vijay Kumar NIT Warangal	Logistic Regression Dr. J Ravi Kumar & M Vijay Kumar NIT Warangal	
23-09-2021		Polynomial regression & K Nearest neighbor Algorithm Dr. J Ravi Kumar & M Vijay Kumar NIT Warangal	Colour Quantization using K-Means Clustering Algorithm Dr. J Ravi Kumar NIT Warangal	
24-09-2021		Support Vector Machine Dr M. Srinivas , CSE, NITW	Support Vector Machine Dr M. Srinivas , CSE, NITW	
25-09-2021		Basic Neural Network and Back Propagation using Python Dr. J Ravi Kumar & M Vijay Kumar NIT Warangal	Convolution Neural network Dr. J Ravi Kumar & Aditi NIT Warangal	
27-09-2021		Image Processing Using Python Libraries. Mr Aditi NIT Warangal	Convolution Neural network & and Character recognition using Python Dr. J Ravi Kumar & Aditi NIT Warangal	
28-09-2021		Recurrent Neural Networks Dr Kadambari, CSE, NITW	Implementation and Demonstration of Project Implementation Using Deep neural Networks Prof. Bhurchandi, NIT Nagpur	

Lunch Break

PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for Women)
Shankpet, Hyderabad - 500 104

Principal
G. Narayanamma Institute of
Technology & Science (for Women)
(AUTONOMOUS)
Shankpet, Hyderabad - 500 104



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

Department: Electronics and Telematics Engineering

2021-22

REPORT

Artificial Intelligence And Machine:Real Time Applications (NITW)

Date of program: 20-09-2021 to 30-09-2021

I recently completed a 40-hour Faculty Development Program (FDP) focusing on Artificial Intelligence (AI) and Machine Learning (ML). The program provided a comprehensive journey from foundational concepts to hands-on implementation. Covering topics such as Python programming, various regression techniques, logistic regression with data preprocessing, exploratory data analysis, sentiment analysis, and ensemble modeling, the FDP struck a balance between theory and practical application. The hands-on sessions, particularly in Python and real-world ML scenarios, enriched my understanding and equipped me with valuable skills that I'm eager to integrate into my teaching, ensuring a more engaging and application-oriented approach for students. Overall, the FDP proved to be an intensive and rewarding experience, significantly enhancing my expertise in the dynamic fields of AI and ML.

Signature of the Faculty member


V Vikas, Asst Professor, ETE



PRINCIPAL

G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.