Online Short-Term Course on
Artificial Intelligence Machine Learning and Deep Learning Applications
2nd October 2023-6th October 2023
Organized by
Department of CSE NIT Warangal & Department of AI, VJIT
In association with the
CENTRE FOR TRAINING & LEARNING
(Established under the PMMMNMTT Scheme, Ministry of Education, Govt.of India)

About NIT Warangal

National Institute of Technology Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 13 Departments offering eight undergraduate and 32 post-graduate programmers besides doctoral programmers. About 5000 students across the country and about 500 international students study in the campus. It is a fully residential campus sprawling over 250 acres with excellent infrastructure, state of the art library, seminar halls guest house and laboratory.

The Centre for Training and Learning (CTL) NIT-W

The Centre for Training and Learning (CTL) has been established at NIT Warangal with grants from the Min. of Education, through its scheme "Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT)". Under this Scheme, a separate building has been built exclusively for the CTL activities, with the state-of-art training facilities that include a studio for production and uploading of video and e-lectures on various subjects of higher education, training halls to train the faculty in various theme areas of Science and Technology, humanities and social sciences, linguistics and communication skills, pedagogy and cognition evaluation, etc. among others. One of the important objectives of the Centre is to conduct training programmes for the aspiring, newly inducted and in-service faculty in science, engineering, social sciences disciplines in higher education. Other activities of the CTL include preparation of print and e-learning materials, offering on-line courses, curriculum design, carrying out research in educational technology and pedagogy and integrating with ICT into teaching-learning process. The CTL has special programmes of training for the marginalized and women-faculty.

About Department of Computer Science & Engg NITW

The Department of Computer Science and Engineering (CSE) offers B. Tech course in CSE, M. Tech courses in CSE, Information Security (IS) and Master of Computer Applications (MCA). The Department has experienced faculty with good publications and well-established laboratories. The Department has liaison with reputed industries and R&D organizations like Microsoft, IBM, Oracle, Accenture, Infosys, TCS, EMC2, C-DAC, Motorola, NIC, Sun Micro Systems, SPSS and tie up with IISc in certain areas. Department conducts various sponsored programmes like GIAN, International and national conferences throughout the year.

About the Vidya Jyothi Institute of Technology

Vidya Jyothi Institute of Technology (VJIT), Hyderabad is an autonomous institute established in 1998. VJIT has a long tradition of producing technically competent engineers and has renowned alumni occupying prominent positions in industry, academia and research across world. VJIT has excellent T&P Cell facilitating students to explore new career avenues while developing right attitude. VJIT has been accredited with NAAC A+ and NBA for six engineering programs. The Institution offers 10 B.Tech, 6 M.Tech and MBA programmes. Its knowledge stems from the presence of highly qualified academic star which brings with them rich Industrial, Research and teaching experiences. The Institute has received 1.5 Crore rupees Research grants from DRDO, UGC and DST. . Institute is well equipped with State-of-the-art infrastructural facilities with built up area of 22000 square meters.

About Artificial Intelligence Dept. VJIT

Artificial Intelligence (AI) Department is established in 2019 with an intake of 60 students and the present intake is 120. The Department is presently offering B.Tech course in AI&DS. The BOS (Board of Studies) of AI Department is having strong industry and academia representatives from Microsoft, EPAM Solutions and

United India Online. The first footprint of AI in VJIT intends to serve the industry as source of talent through latest academic outreach programs and concentrates to expand its academic areas on industry requirement. The department endeavours to craft good collaboration with industries which are working in AI domain. It aims to groom the students in careers who can rapidly integrate and synchronize the use of sophisticated computer software and programs in addition to specific skill sets to support and lead projects on robotics, automation in AI.

Programme aims in understanding the following

- Basics of AI, ML and Deep Learning.
- Working with data Preprocessing and Data Visualization using Python.
- Supervised learning like Regression, Unsupervised Machine learning algorithms like SVM, KNN etc.
- Deep learning techniques like Single and Multi-layer Perception, LSTM.
- Introduction to AI, machine learning tools and techniques, Simple and multiple linear Regression.
- Neural Networks and Multilayer Perception, Back Propagation CNN applications.
- Heuristic and Met heuristic techniques in AI.
- Advanced Applications in Machine and Deep learning.

Experts from **IITs/NITs/IIITs Central University/Software Industry.**

How to Apply

Interested candidates can apply online by clicking below link

https://forms.gle/KsNYJj55neV5jBWH7

Participants details need to be filled and payment details uploaded by using above link in Google Forms on or before **1st October 2023.**

Registration Deadline:1st October 2023.

Who should Attend?

The Programme is open to all Faculty/Research Scholars/ Industry Professionals/MCA/MBA/Degree/Polytechnic and other eligible students can register the course.

Registration Fee Particulars:

Faculty	1000
Students / Research Scholars	500
Industry Participants	1800

Bank Account Details

Account Name	Coordinator, TLC NITW
Account No:	40376545007
IFSC:	SBIN0020149
Bank and Branch:	SBI, NIT (REC) Warangal

Confirmation mails will be sent two days before the Programme. Once Paid/Registered your are Confirmed.

The interested individuals may register on the **FCFS** basis the seats are limited to **100** only.

E-Certificate: Participants will get **e-certificate** upon completion of the STC course.

Address for Correspondence
Any Further queries, please contact the Coordinator

Dr. A. OBULESH Associate Professor, Department of A I, VJIT, Hyderabad Mobile: 9676128116 Email: aihod@vjit.ac.in	Dr. Raju Bhukya Associate Professor, Department of CSE, NIT Warangal, Mobile: 9700553922, Email : raju@nitw.ac.in.