National Institute of Electronics & Information Technology
Gorakhpur – Extension Centre Lucknow
(Ministry of Electronics and Information Technology, Government of India)
MMMUT Campus, Deoria Road, Gorakhpur-273010
http://www.nielit.gov.in/gorakhpur/

NIELIT

Digital India
Power To Empower

Artificial Intelligence

Course on Artificial Intelligence
6 Weeks In-Campus Course

Duration: - 6 Weeks (90 Hours)
Batch Size: 30
Medium of Instruction: Bilingual (English & Hindi)

Objective

Artificial intelligence is broad and fast-growing sub-field of computer science concerned with the intelligence demonstrated by machines, in contrast to the intelligence displayed by humans. This course covers all the foundation skills necessary to start the Artificial Intelligence and its implementation in Python.

Eligibility

10+2 qualified with Basic Knowledge of Computers

Prerequisites

Candidate must have knowledge of Computers

Course Fees

Rs. 7080/- incl. GST & all other charges.

Certificate

Certificate will be provided to the participants, based on minimum 75% attendance and on performance (minimum 50% marks) in the online test, conducted at the end of the course.

Methodology

✓ Instructor-led offline classes.
✓ Instructor-led hands-on lab sessions.
✓ Content Access through e-Learning portal.
✓ Assessment and Certification

How to Apply?

Step-1: Read the course structure & course requirements carefully.

Step-2: Visit the Registration portal (https://regn.nielitvte.edu.in/) and click on apply button.

Step-3: Create your login credentials and fill up all the details, see the preview and submit the form.

Step-4: Login with your credentials to verify the mobile number, email ID and then upload the documents, Lock the profile and Pay the Fees online, using ATM-Debit Card / Credit Card / Internet Banking / UPI etc.

Course Content

Day	Topic	Day	Topic	Day	Topic
Day #01	Brief Introduction of AI & ML, Classifications and Differences.	Day #02	Introduction to Python and its various libraries	Day #03	Basics Data Types, Conditional Statements
Day #04	Control Structure	Day #05	String	Day #06	List
Day #07	Dictionary, Set	Day #08	Function	Day #09	File Handling
Day #10	Introduction OOPS features Oops Programming in Python	Day #11	Module and Packages Exception Handling	Day #12	Regular Expression
Day #13	Introduction to SQL & Database Connectivity with Python	Day #14	Introduction to GUI Programming	Day #15	Python Menu and its programming
Day #16	Database connectivity with GUI	Day #17	GUI Application -Case study	Day #18	Introduction to Wikipedia, OS, GTTS etc
Day #19	Introduction to Speech Recognition and programming	Day #20	Numpy	Day #21	Panda
Day #22	Matplotlib	Day #23	Preprocessing steps	Day #24	Machine Learning(Regression)
Day #25	Machine Learning (Classification)	Day #26	Machine Learning (Clustering & Association)	Day #27	Deep Learning-Introduction
Day #28	Deep Learning-Case study	Day #29	Natural Language Processing-Introduction	Day #30	Natural Language Processing- Case Study

Course Coordinator
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CLICK HERE FOR REGISTRATION

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