Foundation of Artificial Intelligence Technology

NSQF Level: 3.5

Objective: To build foundational, employability-oriented AI skills using Python

Eligibility:

- Grade 10 pass and pursuing continuous schooling **OR**
- Grade 8 pass with: 2 years of NTC in the IT sector,
  or 3 years of relevant experience in IT **OR**
- NSQF Level 3 qualified candidates with 1.5 years of relevant experience

Duration: **Total Duration**: 90 Hours (**Theory**: 35 Hours & Practical / **Lab**: 55 Hours)

Course Fee: ₹ 3,780/-

Reg. Fee + Examination Fee: ₹ 900/-

Admission+ Misc Fee: ₹ 750/-

Course Contents:

1. Introduction to Artificial Intelligence and Applications
2. Overview of Generative AI
3. Python Programming Fundamentals for AI
4. Data Handling, Pre-processing, and Visualization
5. Machine Learning Fundamentals
6. Introduction to Deep Learning and Neural Networks
7. Computer Vision Basics using OpenCV
8. Natural Language Processing using Python and NLTK
9. AI Model Deployment Basics (Cloud & Containers)
10. Ethics, Responsible AI, and Professional Practices

Registration: Through the online NIELIT Student Portal**: https://student.nielit.gov.in/**

Career Opportunities:

- AI Application Support Associate
- Junior Machine Learning Technician
- Entry-level AI Application Developer or AI Data Assistant
- Pathway to advanced roles such as AI Developer or Machine Learning Engineer with higher NSQF-level qualifications

No Course Fee for SC/ST Candidates

The candidates can apply online for the admission in a course through **https://onlineapply.nielit.in/**

Bank Particulars Details for Online Payment

➤**Account Number:** 01760021002650666

➤**Bank Name:** Punjab National Bank, Nangal Rayal, Janakpuri, New Delhi

➤**Bank Code:** 417200

➤**IFSC Code:** PUNB0417200

➤**MICR Code:** 110024223

Scan Me:

NIELIT Delhi Centre, West Campus	NIELIT Delhi Centre, North Campus	NIELIT Delhi Centre, East Campus
IETE, Institutional Area, 16/1-2, Pankha Road,Near Sagarpur Police Station, D Block, Janakpuri, New Delhi 110058 Ph: 011-49878223, 9891555904 Email: swdelhi-trg@nielit.gov.in	2nd Floor, Parsvnath Metro Mall, Inderlok Metro Station, Inderlok, Delhi- 110052 Ph: 8447795337, 9220775357, 011- 23644849 Email:delhi.training@nielit.gov.in	30X, FC-18, Institutional Area, Near KendriyaVidyalaya,Karkardooma, Delhi Ph: 011-20824140, 7042864055 Email:eastdelhi@nielit.gov.in