

## National Institute of Electronic and Information Technology, Lucknow

**Name of Group:** Training

**Name of Course:** Certificate Course in Big data Analytics

**Objective:** This course is designed to impart training in Big Data Analytics to fill the skill gaps required by the industry. After completing this 6 week course, the incumbent is able to use most popular analytical tools such as Python and Hadoop.

**Duration:** 6 Weeks

**Eligibility:** B.E./B.Tech., M.Sc.(IT/ computer Science), B.Sc.(Mathematics/Statistics), MBA, MCA, BCA, PGDCA, DOEACC A, B level, Three Years Diploma in Computer Science

**Course Fees (Proposed):** Rs.6000 + GST

**Registration Process:** Candidates have to apply in prescribed application form. The forms can be collected from NIELIT Lucknow centre. The Duly filled form along with the course fees has to be submitted at NIELIT Lucknow centre. The Fees deposited is non-refundable.

### Course Content:

Modules:	Duration	Contents
Module 1	1 week	Overview of Analytics, Linux tools: Linux shell and kernel, Basic commands, filters, grep, sed, awk
Module 2	3 week	Python programming: Python environment, Control and data structures, OOP, exceptions, modules, re,gui,db access,xml , numpy,matplotlib, pandas.
Module 3	2 week	Hadoop: Hadoop Concepts, Configuring Hadoop, hdfs, Hadoop Ecosystem, YARN Final Project- Minor Project

1. There will be 3 Hours Session per day
2. These sessions will include Theory Classes and Practical.

**Mode of Payment:** Fees can be paid either by swiping debit/credit card.

For any queries and more details please contact to Sh Pankaj Shukla, Joint Director (7706009303)/Sh Vishal Mourya, Deputy Director (7706009305).