I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY
(Office of Dean Academics)

Dr. Balkar Singh
(Dean Academics)

Contact : 01822-282562
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Ref. No. : **IKGPTU/DA/Spl/26052020/01**   Dated : 26-05-2020

Principal/Director
All Constituent Campuses and
Affiliated Colleges of IKGPTU

Subject: **Regarding Online Training by NIELIT**

Dear Sir/Madam,

National Institute of Electronics & Information Technology (NIELIT) is skill development and Capacity Building arm of Ministry of Electronics & Information Technology (MeitY), Government of India. NIELIT's 41 Centres / Extension Centres and a network of 700+ Accredited Centres and 8000+ Facilitation Centres are providing services for this purpose. NIELIT has Headquarters at New Delhi. In this region, NIELIT is operating from Chandigarh, Ropar, Kurukshetra and Shimla besides Accredited Centres and Facilitation Centres. NIELIT is engaged in skill development and development of human resources in the areas of IT, Electronics, Communications Technologies, Hardware, Cyber Law, Cyber Security, IPR, GIS, Cloud Computing, e-Governance and related verticals. NIELIT is also the preferred agency for many State Governments for rolling out IT Literacy programmes for its employees and the masses.

The NIELIT has forwarded the brochures for Big Data Analytics using Hadoop for 2 weeks, 4 weeks and 6 weeks training are attached for your kind reference. A customized training of 6 months is also available for the Engineering students. The courses are offered at high discounts due to the current pandemic scenario.

The NIELIT is a Government organization and authorized to organize trainings, therefore, the students can opt for 2/4 week training after 2nd and 4th semester.

➢ The details of other courses/training calendar is available at nielit.gov.in/chandigarh
➢ Online Registration can be done at http://59.91.196.62/trgcandregn/studAdmission
➢ For further enquiry feel free to contact at +919779131848

This is for kind information of the faculty /students of your institute.

With Regards

Dean (Academics)

Copy to :
1.   I/C Secretariat, O/o Vice Chancellor : For kind information of Vice-Chancellor
2.   Registrar Office
3.   Deputy Registrar (Academics)
4.   Assistant Registrar (Academics)
5.   File Copy

NIELIT Chandigarh

Big Data

About NIELIT

NIELIT is an autonomous Scientific Society under the administrative control of Ministry of Electronics & Information Technology (MeitY), Government of India. NIELIT Chandigarh was established in 1978 to provide professional services in the areas of Information, Electronics & Communication Technology (IECT). NIELIT Chandigarh is engaged in development of industry oriented quality education and training programmes in the state-of-the-art areas.

About Course

The course will introduce with the concept of Big Data, Hadoop, in the Apache ecosystem. It will help understand how big data is driving major technological and cultural change in the industry.

Course Objective

The learner in this course will have overview about Big Data using the Hadoop Ecosystem.

Brief Contents

- Introduction to Big Data
- Big Data Solutions
- Introduction to Hadoop - HDFS - MapReduce
- Introduction to HDP (Hortonworks Data Platform)
- Setting up Hadoop environment
- Usage of Kafka
- Current Data Analytics concepts
- Getting started with Apache Ambari

Eligibility

Any under-graduate with knowledge of any one programming language

Duration

2 Weeks Fees Rs 1000+ GST

For further details, Contact:

Permanent Campus
Bada Phull, Birla Farms, Ropar-140001
Phone: 01881-257005,257006 Mobile: 9779131848
Email: training.chd@nielit.gov.in

Facility at Chandigarh
IETE Building, Sector 30-B, Chandigarh 160030
Phone: 0172-2650121, Mobile: 9779131848
Visit: www.nielit.gov.in/chandigarh

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Big Data

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About Course

The course will introduce with the concept of Big Data, Hadoop, Pig in the Apache ecosystem. It will help understand how big data is driving major technological and cultural change in the industry.

Course Objective

The learner in this course will learn about Big Data using the Hadoop Ecosystem. Main focus of the course will be the Big Data related technologies. It will familiarize the students with Hadoop , PIG and HIVE

Brief Contents

- What is Big data
- Introduction to Hadoop
- Hadoop Architecture and HDFS
- Hadoop Administration
- Hadoop component
- YARN

- Bjg Data Integration and ETL tool
- Map reduce Framework and PIG
- Apache HIVE

Eligibility
Any under-graduate with knowledge of any one programming language

Duration
4 Weeks **Fees Rs 2100+ GST**

For further details, Contact:

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Bada Phull, Birla Farms, Ropar-140001
Phone: 01881-257005,257006 Mobile: 9779131848

Facility at Chandigarh
IETE Building, Sector 30-B, Chandigarh 160030
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- Hadoop Administration
- Hadoop component
- YARN

- Bjg Data Integration and ETL tool
- Map reduce Framework and PIG
- Apache HIVE
- Java + JDBC (HIVE)
- Project

Eligibility
Any under-graduate with knowledge of any one programming language

Duration
6 Weeks **Fees Rs 3100+ GST**

For further details, Contact:

Permanent Campus
Bada Phull, Birla Farms, Ropar-140001
Phone: 01881-257005,257006 Mobile: 9779131848

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