

CEP/FDP Short Term Course IIT Patna

Certificate Course on

Big Data Computing: A Practical Approach

DEC 3-7, 2018

**Department of Computer Science and Engineering,
Indian Institute of Technology, Patna
Bihta, Bihar, India**

	9:45 – 11:15		11:30 – 13:00		14:00 –15:30		16:00 – 17:30
Day 1 (Dec 3rd)	Introduction to Big Data	C o f f e B r e a k	Big Data enabling Technologies	L u n c h B r e a k	Hands-on Session	C o f f e B r e a k	Hands-on Session
Day 2 (Dec 4th)	Apache Spark, HDFS, YARN		Map Reduce		Hands-on Session		Hands-on Session
Day 3 (Dec 5th)	Big Data Storage Technologies, Zookeeper, Paxos		Cassandra, HBase		Hands-on Session		Hands-on Session
Day 4 (Dec 6th)	Spark Streaming		Kafka, Streaming Ecosystem		Hands-on Session		Hands-on Session
Day 5 (Dec 7th)	Machine Learning with Spark		Graph Processing, Deep Learning for Big Data		Hands-on Session		Hands-on Session