

St Ann's College of Engineering and Technology
Department of Computer Science and Engineering

Lecture Schedule

Subject : Big Data Analytics

Year IV CSE A -I SEM

Name of the Faculty: Mastanaih Naidu Y

Academic Year:2019-20

No of Classes per week:4+1*(Tutorial)

S.NO	DATE	UNIT	TOPIC
1	10-Jun-2019	I	Introduction:
2	11-Jun-2019		Linked List
3	12-Jun-2019		Stacks,
4	13-Jun-2019		Queues
5	15-Jun-2019		Sets
6	15-Jun-2019		Tutorial
7	17-Jun-2019		Maps
8	18-Jun-2019		Generic classes and Type parameters
9	19-Jun-2019		Implementing Generic Types, Generic Methods
10	20-Jun-2019		Concept of Serialization
11	22-Jun-2019		Tutorial
12	22-Jun-2019		Slip Test I
13	24-Jun-2019	II	Working with Big Data: Google File System
14	25-Jun-2019		Hadoop Distributed File System (HDFS)
15	26-Jun-2019		Building blocks of Hadoop (Namenode, Datanode,Secondary Namenode)
16	27-Jun-2019		Building blocks of Hadoop(JobTracker, TaskTracker)
17	29-Jun-2019		Introducing and Configuring Hadoop cluster
18	29-Jun-2019		Tutorial
19	1-Jul-2019		Local, Pseudo-distributed mode
20	2-Jul-2019		Fully Distributed mode
21	3-Jul-2019		Configuring XML files.
22	4-Jul-2019		Revision through PPT
23	6-Jul-2019		Tutorial
24	6-Jul-2019		Slip Test II
25	8-Jul-2019	III	A Weather Dataset
26	9-Jul-2019		Understanding Hadoop API for MapReduce Framework
27	10-Jul-2019		Understanding Hadoop API for MapReduce Framework
28	11-Jul-2019		Basic programs of Hadoop MapReduce
29	15-Jul-2019		Driver code,
30	16-Jul-2019		Mapper code
31	17-Jul-2019		<i>Combiner,</i>
32	18-Jul-2019		Partitioner
33	20-Jul-2019		Reducer code,
34	20-Jul-2019		Tutorial
35	22-Jul-2019		RecordReader
36	23-Jul-2019		Revision
37	24-Jul-2019	Revision unit 1	
38	25-Jul-2019	Revision unit 1	
39	27-Jul-2019	Revision unit 1	
40	27-Jul-2019	Tutorial	
41	29-Jul-2019	Revision unit 2	
42	30-Jul-2019	Revision unit 2	
43	31-Jul-2019	Revision unit 2	
44	1-Aug-2019	Revision unit 3	
45	3-Aug-2019	Revision unit 3	
46	3-Aug-2019	Revision unit 3	
47	5-Aug-2019	Revision	
48	6-Aug-2019	Revision	
49	7-Aug-2019	Revision	

50	8-Aug-2019		Revision
51	10-Aug-2019		Revision
52	10-Aug-2019		Revision
53	13-Aug-2019	IV	The Writable Interface
54	14-Aug-2019		WritableComparable and comparators
55	17-Aug-2019		Writable Classes: Writable wrappers for Java primitives
56	17-Aug-2019		Tutorial
57	19-Aug-2019		Text, BytesWritable
58	20-Aug-2019		NullWritable, ObjectWritable and GenericWritable
59	21-Aug-2019		Writable collections
60	22-Aug-2019		Implementing a Custom Writable
61	26-Aug-2019		Implementing a RawComparator for speed
62	27-Aug-2019		Custom comparators
63	28-Aug-2019		Revision through PPT
64	29-Aug-2019		Revision through PPT
65	31-Aug-2019		Tutorial
66	31-Aug-2019		Slip Test III
67	3-Sep-2019	V	Admiring the Pig Architecture,
68	4-Sep-2019		Going with the Pig Latin Application Flow,
69	5-Sep-2019		Working through the ABCs of Pig Latin
70	7-Sep-2019		Evaluating Local and Distributed Modes of Running Pig Scripts
71	7-Sep-2019		Tutorial
72	9-Sep-2019		Checking out the Pig Script Interfaces
73	11-Sep-2019		Scripting with Pig Latin
74	12-Sep-2019	Slip Test IV	
75	16-Sep-2019	VI	Saying Hello to Hive
76	17-Sep-2019		Seeing How the Hive is Put Together
77	18-Sep-2019		Getting Started with Apache Hive
78	19-Sep-2019		Examining the Hive Clients
79	21-Sep-2019		Working with Hive Data Types
80	21-Sep-2019		Tutorial
81	23-Sep-2019		Creating and Managing Databases and Tables
82	24-Sep-2019		Creating and Managing Databases and Tables
83	25-Sep-2019		Querying and Analyzing Data
84	26-Sep-2019		Querying and Analyzing Data
85	28-Sep-2019		Revision THROUGH PPT
86	28-Sep-2019		Tutorial
87	30-Sep-2019		Revision
88	1-Oct-2019		Revision
89	3-Oct-2019	Revision	
90	5-Oct-2019	Revision	
91	5-Oct-2019	Revision	
92	7-Oct-2019	Revision	
93	9-Oct-2019	Revision	
94	10-Oct-2019	Revision	
95	12-Oct-2019	Revision	
96	12-Oct-2019	Revision	

Text Books

1	Big Java 4th Edition, Cay Horstmann, Wiley John Wiley & Sons, INC
2	Hadoop: The Definitive Guide by Tom White, 3rd Edition, O'reilly
3	Hadoop in Action by Chuck Lam, MANNING Publ.
4	Hadoop for Dummies by Dirk deRoos, Paul C.Zikopoulos, Roman B.Melnyk,Bruce Brown,

References

1	Hadoop in Practice by Alex Holmes, MANNING Publ
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Faculty

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