

Semester: 8<sup>th</sup>

Subject Name: Internet of Things

Subject Code: 17CS81

Faculty: Dr.Venkatesh Shankar

Modules	Topics[1hr each]	PPT	Video links	E-materials	Date
<b>Module 1</b>	<b>Lecture 1:</b> What is IoT, Genesis of IoT	<a href="https://drive.google.com/file/d/1zS6d1qhmUwdVBjaNHFDGIAftmf3jAaOh/view?usp=sharing">https://drive.google.com/file/d/1zS6d1qhmUwdVBjaNHFDGIAftmf3jAaOh/view?usp=sharing</a>	<a href="https://www.youtube.com/watch?v=LlhmzVL5bm8">https://www.youtube.com/watch?v=LlhmzVL5bm8</a>	<b>Textbook pdf and Notes will be shared in google classroom</b>	April 3 <sup>rd</sup> week
	<b>Lecture 2:</b> IoT and Digitization, IoT Impact		<a href="https://www.youtube.com/watch?v=LlhmzVL5bm8">https://www.youtube.com/watch?v=LlhmzVL5bm8</a>		April 3 <sup>rd</sup> week
	<b>Lecture 3:</b> Convergence of IT and IoT		<a href="https://www.youtube.com/watch?v=EBCfHsPI5z0">https://www.youtube.com/watch?v=EBCfHsPI5z0</a>		April 4 <sup>th</sup> week
	<b>Lecture 4:</b> IoT Challenges		<a href="https://www.youtube.com/watch?v=JZv7KKx1Hdg">https://www.youtube.com/watch?v=JZv7KKx1Hdg</a>		April 4 <sup>th</sup> week

**Semester: 8<sup>th</sup>**

**Subject Name: BIG DATA ANALYTICS**

**Subject Code: 17CS82**

**Faculty: Prof. Ritesh Kumar**

Module	Topics	PPT	Video Link	E Material	Date & Duration
Module 1	Hadoop Distributed File System Basics	<a href="https://classroom.google.com/u/2/c/MzI1NTE1MTUxNzk2">https://classroom.google.com/u/2/c/MzI1NTE1MTUxNzk2</a>	<a href="https://www.youtube.com/watch?v=D7ovHVFva60">https://www.youtube.com/watch?v=D7ovHVFva60</a>	<a href="https://classroom.google.com/u/2/c/MzI1NTE1MTUxNzk2">https://classroom.google.com/u/2/c/MzI1NTE1MTUxNzk2</a>	23/04/21
	Running Example Programs and Benchmarks	<a href="https://classroom.google.com/u/2/c/MzI1NTE1MTUxNzk2">https://classroom.google.com/u/2/c/MzI1NTE1MTUxNzk2</a>	<a href="https://www.youtube.com/watch?v=ETqs2xOjPB4">https://www.youtube.com/watch?v=ETqs2xOjPB4</a>	<a href="https://classroom.google.com/u/2/c/MzI1NTE1MTUxNzk2">https://classroom.google.com/u/2/c/MzI1NTE1MTUxNzk2</a>	23/04/21
	Hadoop MapReduce Framework	<a href="https://classroom.google.com/u/2/c/MzI1NTE1MTUxNzk2">https://classroom.google.com/u/2/c/MzI1NTE1MTUxNzk2</a>	<a href="https://www.youtube.com/watch?v=tHuca-xGdA">https://www.youtube.com/watch?v=tHuca-xGdA</a>	<a href="https://classroom.google.com/u/2/c/MzI1NTE1MTUxNzk2">https://classroom.google.com/u/2/c/MzI1NTE1MTUxNzk2</a>	30/04/21
	MapReduce Programming	<a href="https://classroom.google.com/u/2/c/MzI1NTE1MTUxNzk2">https://classroom.google.com/u/2/c/MzI1NTE1MTUxNzk2</a>	<a href="https://www.youtube.com/watch?v=x-PCNX4prLA">https://www.youtube.com/watch?v=x-PCNX4prLA</a>	<a href="https://classroom.google.com/u/2/c/MzI1NTE1MTUxNzk2">https://classroom.google.com/u/2/c/MzI1NTE1MTUxNzk2</a>	30/04/21

Semester: 8 <sup>th</sup> <b>Subject Name: NETWORK MANAGEMENT</b> Subject Code: 17CS833					
Faculty: Prof. Manjunath Raikar					
Modules	Topics	PPT	Video Links	E- Materials	Date
<b>Module 1</b>	<b>Introduction:</b> Analogy of Telephone Network Management, Data and Telecommunication Network Distributed computing Environments	Will be mailed to group mail Id	<a href="https://www.youtube.com/watch?v=3MeF2Mwp8bQ&amp;list=RDCMUClTVEZ6GecWntoZ19FvaWhQ&amp;start_radio=1&amp;t=502">https://www.youtube.com/watch?v=3MeF2Mwp8bQ&amp;list=RDCMUClTVEZ6GecWntoZ19FvaWhQ&amp;start_radio=1&amp;t=502</a>	<a href="https://classroom.google.com/c/MzI1NTEzMTY0NTQw/m/MzI1NTk4MzU4MTc2/details">https://classroom.google.com/c/MzI1NTEzMTY0NTQw/m/MzI1NTk4MzU4MTc2/details</a>	Online Class
	TCP/IP-Based Networks: The Internet and Intranets, Communications Protocols and Standards- Communication Architectures, Protocol Layers and Services;		<a href="https://www.youtube.com/watch?v=G2sOfkHN6YE">https://www.youtube.com/watch?v=G2sOfkHN6YE</a>	<a href="https://classroom.google.com/c/MzI1NTEzMTY0NTQw/m/MzI1NTk4MzU4MTc2/details">https://classroom.google.com/c/MzI1NTEzMTY0NTQw/m/MzI1NTk4MzU4MTc2/details</a>	Online Class
	Case Histories of Networking and Management – The Importance of topology ,		<a href="https://www.youtube.com/watch?v=e0CWszGpgAE">https://www.youtube.com/watch?v=e0CWszGpgAE</a>	<a href="https://classroom.google.com/c/MzI1NTEzMTY0NTQw/m/MzI1NTk4MzU4MTc2/details">https://classroom.google.com/c/MzI1NTEzMTY0NTQw/m/MzI1NTk4MzU4MTc2/details</a>	Online Class
	Filtering Does Not Reduce Load on Node, Some Common Network Problems;		<a href="https://www.youtube.com/watch?v=oqIhQ5Y0mrg">https://www.youtube.com/watch?v=oqIhQ5Y0mrg</a>	<a href="https://classroom.google.com/c/MzI1NTEzMTY0NTQw/m/MzI1NTk4MzU4MTc2/details">https://classroom.google.com/c/MzI1NTEzMTY0NTQw/m/MzI1NTk4MzU4MTc2/details</a>	Online Class