MODERN INTERFACE DESIGN-15CS832

MODULE	TOPICSYET TO [BE COVERED]	PPT	VIDEO LINKS	E-MATERIAL	DATE AND DURATION
4	Windows - Characteristics	https://www.slideshare.net/DhanyaLK/select-the-proper-kinds-of-windows	https://slideplayer.com/slide/5945479/	TEXT BOOK: Wilbert O. Galitz, "The Essential Guide to User Interface Design", John Wiley & Sons, Second Edition 2002. [Softcopy is mailed to students]	2/04/2020 [1 hour]
	Components of window			http://www.vtuboss.in/2018/07/vtu-computer-scince-engineering-8th-sem-cbcs-scheme-notes.html?m=1	3/04/2020 [1 hour]
	Window presentation styles				4/04/2020 [1 hour]
	Types of window				6/04/2020 [1 hour]
	Window management				7/04/2020 [1 hour]

BIG DATA ANALYTICS-15CS82

MODULE	TOPICSYET TO [BE COVERED]	PPT	VIDEO LINKS	E-MATERIAL	DATE AND DURATION
4	Decession Tree			https://www.youtube.com/watch?v=qDcl-FRnwSU	2/04/2020 [1 hour]
	Regression			https://www.youtube.com/watch?v=OCwZyYH14uw	3/04/2020 [1 hour]
	Logistic regression			https://www.youtube.com/watch?v=OCwZyYH14uw	4/04/2020 [1 hour]
	Business Applications of ANN			https://www.youtube.com/watch?v=bfmFfD2RIcg	7/04/2020 [1 hour]

INTERNET of Things 15CS81

MODULE	TOPICSYET TO [BE COVERED]	PPT	VIDEO LINKS	E-MATERIAL	DATE AND DURATION
Module 4	Data and Analytics for IoT, An Introduction to Data Analytics for IoT,	https://www.slideshare.net/syedmustafablr/iot-module-4	kupdf.net_iot.pdf		1/4/2020
	Machine LEARNING, Big Data Analytics Tools and Technology,				3/4/2020
	Edge Streaming Analytics				4/4/2020
	Network Analytics,				06/04/2020
	Securing IoT,				

MODERN INTERFACE DESIGN-15CS832					
MODULE	TOPICSYET TO [BE COVERED]	PPT	VIDEO LINKS	E-MATERIAL	DATE AND DURATION
4	Window management	https://www.slideshare.net/DhanyaLK/select-the-proper-kinds-of-windows	https://www.youtube.com/watch?v=dQcHUyHPlx0	TEXT BOOK: Wilbert O.	9/04/2020 [1 hour]
	Organizing window functions	https://www.brainkart.com/article/Organizing-Window-Functions_9035/		https://www.smashingmagazine.com/2010/02/designing-user-interfaces-for-business-web-applications/	10/04/2020 [1 hour]
	Window operations	https://www.slideshare.net/DhanyaLK/select-the-proper-kinds-of-windows	https://www.youtube.com/watch?v=dQcHUyHPlx0		12/04/2020 [1 hour]
	Web systems			https://www.smashingmagazine.com/2010/02/designing-user-interfaces-for-business-web-applications/	13/04/2020 [1 hour]
	Characteristics of device based controls.	https://www.slideshare.net/aslamjarwar/screen-based-controls		/2018/07/vtu-computer-scince-engineering-8th-sem-cbcs-scheme-	14/04/2020 [1 hour]

IOT Schedule 08/04/2020 to 14/04/2020

MODULE	TOPICSYET TO [BE COVERED]	PPT	VIDEO LINKS	E-MATERIAL	DATE AND DURATION
4	Brief History of OT Security, Common Challenges	https://www.slideshare.net/DhanyaLK/select-the-proper-kinds-of-windows	https://youtu.be/Isoq4XDkiol	kupdf.net_iot.pdf	8/04/2020 [1 hour]
	How IT and OT Security Practices and Systems Vary	https://www.slideshare.net/DhanyaLK/select-the-proper-kinds-of-windows	https://youtu.be/Isoq4XDkiol	kupdf.net_iot.pdf	09/04/2020 [1 hour]
	Formal Risk Analysis Structures	https://www.slideshare.net/DhanyaLK/select-the-proper-kinds-of-windows	https://youtu.be/GyXVv3Md_jM	kupdf.net_iot.pdf	11/04/2020 [1 hour]
	OCTAVE and FAIR,	https://www.slideshare.net/DhanyaLK/select-the-proper-kinds-of-windows	https://youtu.be/_	kupdf.net_iot.pdf	13/04/2020 [1 hour]
	The Phased Application of Security in an Operational Environment	https://www.slideshare.net/DhanyaLK/select-the-proper-kinds-of-windows	https://youtu.be/T	kupdf.net_iot.pdf	14/04/2020 [1 hour]

Subject	Big Data Analytics(15CS82)				
	Topics	Sub topics	PPT Material	Video Link	Duration
MODULE-4	Logistic regression	1. Advantages of Regression Models. 2. Disadva	PPT Material shared in google classroom		8/4/2020
	Artificial Neural Networks	1. Caselet: IBM Watson - Analytics in Medicine. 2. Business Applications of ANN. 3. Design Principles of an Artificial Neural Network			11/4/2020
		1. Developing an ANN. 2. Steps required to build an ANN. 3. Advantages and disadvantages.			13/4/2020
	Cluster Analysis	1. Caselet: A national insurance company. 2. Applications of Cluster Analysis. 3. Defining and representing a cluster.			14/4/2020

MODULE	TOPICS YET TO [BE COVERED]	PPT	VIDEO LINKS	E-MATERIAL	DATE AND DURATION
MODERN INTERFACE DESIGN-15CS832					
4	Characteristics of device based controls.	https://www.iare.ac.in/sites/default/files/lecture_notes/HCI%20LECTURE%20NOTES-converted.pdf		https://www.ques10.com/p/2581/explain-proper-device-based-controls/	15/04/2020 [1 hour]
	QUIZ-2			https://www.smashingmagazine.com/2010/02/designing-user-interfaces-for-business-web-applications/	16/04/2020 [1 hour]
5	**Screen based control :** 1)Operable Controls Buttons 2)Text Entry/Read-Only Controls 3)Text Boxes	https://www.slideshare.net/aslamjarwar/screen-based-controls	https://www.youtube.com/watch?v=Lux9xouqtqA	TEXT BOOK: Wilbert O. Galitz, "The Essential Guide to User Interface Design", John Wiley & Sons, Second Edition 2002. [Softcopy is mailed to students] http://www.vtuboss.in/2018/07/vtu-computer-scince-engineering-8th-	17/04/2020 [1 hour]
	Selection Controls 1)Radio Buttons 2) Check Boxes				20/04/2020 [1 hour]
	3)Palettes 4)List Boxes 5)List View Controls 6)Drop-Down/Pop-Up List Boxes 7)List View Controls 8)Drop-Down/Pop-Up List Boxes	https://www.slideshare.net/aslamjarwar/screen-based-controls	https://www.youtube.com/watch?v=HvUl8bkLmk4		21/04/2020 [1 hour]
	Combination Entry/Selection Controls Spin Boxes Combo Boxes Drop-Down/Pop-Up Combo Boxes	https://www.slideshare.net/aslamjarwar/screen-based-controls	https://www.youtube.com/watch?v=HvUl8bkLmk4		23/04/2020 [1 hour]
	Other Operable Controls Slider Tabs Date-Picker Tree View Scroll Bars		https://www.sitepoint.com/14-top-sci-fi-designs-to-inspire-your-next-interface/		24/04/2020 [1 hour]
					27/04/2020 [1 hour]
	Custom Controls **Presentation Controls** Static Text Fields		https://www.interaction-design.org/literature/topics/ux-design		28/04/2020 [1 hour]
	Group Boxes Column Headings ToolTips				30/04/2020 [1 hour]
	Balloon Tips Progress Indicators Sample Box and Scrolling Tickers				01/05/2020 [1 hour]
	Selecting the Proper Controls Choosing a Type of Control Comparison of GUI Controls Control Selection Criteria			http://www.vtuboss.in/2018/07/vtu-computer-scince-engineering-8th-sem-cbcs-scheme-notes.html?m=1	04/05/2020 [1 hour]
	Windows Tests-prototypes	https://www.slideshare.net/aslamjarwar/screen			05/05/2020 [1 hour]
	The Purpose of Usability Testing,The Importance of Usability Testing Scope of Testing,				07/05/2020 [1 hour]
	kinds of tests.				08/05/2020 [1 hour]
	Guidelines Review Heuristic Evaluation		https://www.youtube.com/watch?v=HvUl8bkLmk4		11/05/2020 [1 hour]
	Cognitive Walkthroughs Think-Aloud Evaluations				12/05/2020 [1 hour]
	Usability Test		https://www.youtube.com/watch?v=HvUl8bkLmk4		14/05/2020 [1 hour]
	Classic Experiments Focus Groups	Shared in classroom	https://www.youtube.com/watch?v=HvUl8bkLmk4		15/05/2020 [1 hour]
	Choosing a Testing Method				
	Developing and conducting a test The test plan Test conduct and data collection	Notes shared in classroom		http://www.vtuboss.in/2018/07/vtu-computer-scince-engineering-8th-sem-cbcs-scheme-notes.html?m=1	18/5/2020 [1 hour]
	Analyze,Modify and Retest Evaluate the working system.		https://www.youtube.com/watch?v=_Hp_dl0DzY4		19/5/2020
	UNIT TEST :MOD 5				20/5/2020

IOT Schedule 15/04/2020 to 20/05/2020

MODULE	TOPICS	YET TO	PPT	VIDEO LINKS	E-MATERIAL	DATE AND DURATION
	IoT Physical Devices and Endpoints			http://www.vtuboss.in/2018/07/vtu-computer-science-engineerng-8th-sem-cbcs-scheme-notes.html?m=1	uploaded on Google classroom	15/04/2020
	Arduino UNO			http://www.vtuboss.in/2018/07/vtu-computer-science-engineerng-8th-sem-cbcs-scheme-notes.html?m=1	uploaded on Google classroom	16/04/2020
	Introduction to Arduino			http://www.vtuboss.in/2018/07/vtu-computer-science-engineerng-8th-sem-cbcs-scheme-notes.html?m=1	uploaded on Google classroom	18/04/2020
	Arduino Installing the Software			http://www.vtuboss.in/2018/07/vtu-computer-science-engineerng-8th-sem-cbcs-scheme-notes.html?m=1	uploaded on Google classroom	19/04/2020
	Physical Devices and Endpoints			http://www.vtuboss.in/2018/07/vtu-computer-science-engineerng-8th-sem-cbcs-scheme-notes.html?m=1	uploaded on Google classroom	22/04/2020
	Introduction to RaspberryPi,			https://youtu.be/EKPobkb1N6o	uploaded on Google classroom	24/04/2020
	RaspberryPi, architecture			https://youtu.be/5D_Nn5Nmmrl	uploaded on Google classroom	25/04/2020
	configuring RaspberryPi			https://youtu.be/5D_Nn5Nmmrl	uploaded on Google classroom	27/04/2020
	OS on RaspberryPi			http://www.vtuboss.in/2018/07/vtu-computer-science-engineerng-8th-sem-cbcs-scheme-notes.html?m=1	uploaded on Google classroom	28/04/2020
	programming on RaspberryPi			http://www.vtuboss.in/2018/07/vtu-computer-science-engineerng-8th-sem-cbcs-scheme-notes.html?m=1	uploaded on Google classroom	29/04/2020
	how to write programs on Raspberry			https://youtu.be/UUOCh0Cbty8	uploaded on Google classroom	02/05/2020
5	Wireless Temperature Monitoring System Using Pi			http://www.vtuboss.in/2018/07/vtu-computer-science-engineerng-8th-sem-cbcs-scheme-notes.html?m=1	uploaded on Google classroom	04/05/2020
	DS18B20 Temperature Sensor			http://www.vtuboss.in/2018/07/vtu-computer-science-engineerng-8th-sem-cbcs-scheme-notes.html?m=1	uploaded on Google classroom	06/05/2020
	Connecting Raspberry Pi via SSH			http://www.vtuboss.in/2018/07/vtu-computer-science-engineerng-8th-sem-cbcs-scheme-notes.html?m=1	uploaded on Google classroom	07/05/2020
	Accessing Temperature from DS18B20 sensors			http://www.vtuboss.in/2018/07/vtu-computer-science-engineerng-8th-sem-cbcs-scheme-notes.html?m=1	uploaded on Google classroom	08/05/2020
	Remote access to RaspberryPi,			http://www.vtuboss.in/2018/07/vtu-computer-science-engineerng-8th-sem-cbcs-scheme-notes.html?m=1	uploaded on Google classroom	09/05/2020
	Smart and Connected Cities			http://www.vtuboss.in/2018/07/vtu-computer-science-engineerng-8th-sem-cbcs-scheme-notes.html?m=1	uploaded on Google classroom	10/05/2020
	An IoT Strategy for Smarter Cities			http://www.vtuboss.in/2018/07/vtu-computer-science-engineerng-8th-sem-cbcs-scheme-notes.html?m=1	uploaded on Google classroom	11/05/2020
	Smart City IoT Architecture			http://www.vtuboss.in/2018/07/vtu-computer-science-engineerng-8th-sem-cbcs-scheme-notes.html?m=1	uploaded on Google classroom	14/05/2020
	survey on Smart city			http://www.vtuboss.in/2018/07/vtu-computer-science-engineerng-8th-sem-cbcs-scheme-notes.html?m=1	uploaded on Google classroom	15/05/2020
	case study on Smart city			http://www.vtuboss.in/2018/07/vtu-computer-science-engineerng-8th-sem-cbcs-scheme-notes.html?m=1	uploaded on Google classroom	16/05/2020
	revision on module 3			uploaded on Google classroom	uploaded on Google classroom	18/05/2020
	revision on module 4			uploaded on Google classroom	uploaded on Google classroom	19/05/2020
	revision on module 5			uploaded on Google classroom	uploaded on Google classroom	20/05/2020

Subject	Big Data Analytics(15CS82)				
	Topics	Sub topics	PPT Material	Video Link	Duration
MODULE-4	Cluster Analysis	1. Clustering techniques. 2. Generic Pse	PPT Material shared in google classroom	Material Uploaded to classroom	18/4/2020
		1. Clustering Exercise. 2. K-Means Algor	PPT Material shared in google classroom	Material Uploaded to classroom	20/4/2020
		1. Advantages and Disadvantages of K-M	PPT Material shared in google classroom	Material Uploaded to classroom	21/4/2020
MODULE-5	Association Rule Mining	1. Business Applications of Association	PPT Material shared in google classroom	Material Uploaded to clas	22/4/2020
		1. Algorithms for Association Rule. 2. Ap	PPT Material shared in google classroom	Material Uploaded to clas	25/4/2020
		1. Association rules exercise	PPT Material shared in google classroom	Material Uploaded to clas	27/4/2020
		1. Creating Association Rules	PPT Material shared in google classroom	Material Uploaded to clas	28/4/2020
		1. Conclusion	PPT Material shared in google classroom	Material Uploaded to clas	29/4/2020
		1. Question bank and solutions	PPT Material shared in google classroom	Material Uploaded to clas	2/4/2020
REVISION		1. Question bank discussion on module-	PPT Material shared in google classroom	Material Uploaded to clas	4/5/2020
		1.Question bank discussion on module-2	PPT Material shared in google classroom	Material Uploaded to clas	5/5/2020
		1. Question bank discussion on module-	PPT Material shared in google classroom	Material Uploaded to clas	6/5/2020
		4. Question bank discussion on module-	PPT Material shared in google classroom	Material Uploaded to clas	9/5/2020
		1.Question bank discussion on module-5	PPT Material shared in google classroom	Material Uploaded to clas	11/5/2020
		Programming example on hadoop	PPT Material shared in google classroom	Material Uploaded to clas	12/5/2020
		Programming example on hadoop	PPT Material shared in google classroom	Material Uploaded to clas	13/5/2020
		Revision & Unit test	PPT Material shared in google classroom	Material Uploaded to clas	18/5/2020
		Revision & Unit test	PPT Material shared in google classroom	Material Uploaded to clas	19/5/2020
		Revision & Unit test	PPT Material shared in google classroom	Material Uploaded to clas	20/5/2020

Faculty	Subject	E-Material link Module-1	E-Material link Module-2	E-Material link Module-3	E-Material link Module-4	E-Material link Module-5	Video Tutorial link
Mr.Kevin Joy D'Souza	Big Data Analytics15CS82	https://drive.google.com/open?id=10tTjcvZNPtkpaQeOUHIzHIFBUQRVQjSX	https://drive.google.com/open?id=1P13OYRkWIlw2eXSr19kDvaU_rAoZ1ZgV	https://drive.google.com/open?id=1CDCbBwIB6lAxn8X6vl4rqdSmkIPqet0s	https://drive.google.com/open?id=15AVySn6pjnPp3TD_B_FbmRw2RHj7HFKP	https://drive.google.com/open?id=19BzG-lyw036XhauAk2pgdrCbwFF7umO2	https://nptel.ac.in/courses/106104189/

Sl.No.	Sub Code	Subject Name	Course Cordinator	Google Class
1	15CS781	Internet of Things	Dr. Venkatesh shankara	7mgq5n7
2	15CS782	Big Data Analysis	Mr. Kevin Joy D'Souza	5d5nllg
3	15CS7832	Modern Intrface Design	Mrs. Jamedar Najath	iqxtzk6

MODULE	TOPIC [T0 BE COVERED]	PPT	VIDEO LINKS	E-MATERIAL	DATE AND DURATION
3	System menus and navigation schemes	https://www.slideserve.com/colby-parsons/step-4-develop-system-menus-navigation-schemes	https://slideplayer.com/slide/6946276/	Text book	3/16/2020
				Wilbert O. Galitz, "The Essential Guide to User Interface Design", John Wiley & Sons, Second Edition 2002. [Softcopy is mailed to students]	3/17/2020 [2 hours]
	Structures of menus				3/19/2020 [1 hour]
	Functions of menus	https://www.slideshare.net/ovidiu21m/system-menu-and-navigation			3/20/2020 [1 hour]
	Contents of menus				3/23/2020 [1 hour]
	Formatting of menus, Phrasing the menu				3/27/2020 [1 hour]
	Selecting menu choices, Navigating				3/30/2020 [1 hour]
	Kinds of graphical menus.				3/31/2020 [1 hour]
4	Windows - Characteristics			http://www.vtuboss.in/2018/07/vtu-computer-scince-engineering-8th-sem-cbcs-scheme-notes.html?m=1	4/2/2020 [1 hour]
	Components of window				4/3/2020 [1 hour]
	Window presentation styles				4/6/2020 [1 hour]
	Types of window	https://www.slideshare.net/DhanyaLK/select-the-proper-kinds-of-windows	https://slideplayer.com/slide/5945479/		4/7/2020 [1 hour]
	Window management				4/9/2020 [1 hour]
	Organizing window functions				4/10/2020 [1 hour]
	Window operations				4/13/2020 [1 hour]
	Web systems				4/14/2020 [1 hour]

MODULE	TOPIC [T0 BE COVERED]	PPT	VIDEO LINKS	E-MATERIAL	DATE AND DURATION[1 hour]
3	**IP as the IOT Network Layer,The Business Case for IP**	Shared in google clssroom	https://www.slideshare.net/mobile/michaeljohnkoster/ip-based-standards-for-iot	Shared in google clssroom	
3.1	IP as the IOT Network Layer				3/26/2020
3.2	,The Business Case for IP				3/27/2020
3.3	Optimization IP for IoT				3/28/2020
3.4	Profles and Compliances				3/29/2020
3.5	Application Protocols for IoT				3/30/2020
3.6	Transport Layer				3/31/2020