

Course Details

Course BIT-Pre-Semester

Modules

- (1) System and Network Administration (SANA) – 1
- (2) Web Engineering (WEB)– 1
- (3) Mobile Application Development(MAD) – 1
- (4) Multimedia (MM) – 1

Lecturer Topics

(1) System and Network Administration – 1 (SANA)

1.	Assemble a Computer, Install Operating System and Application Software
2.	Basic Facilities available in Windows-10
3.	Implement a LAN and Configure Internet Connectivity
4.	Network Facilities available in Windows-10
	Mid Exam
5.	Internet Applications
6.	Advanced Facilities available in Windows-10
7.	Virtualization, Dual-Boot and Linux
8.	Peripheral Devices
	End Exam

(2) Web Engineering – 1 (WEB)

1.	Web Administration
2.	Defining the Content of Web Pages using HTML
3.	Beautifying and Layout Creation using CSS
4.	Bootstrap-CSS Only Components
	Mid Exam
5.	Interactivity in Web Pages with JavaScript
6.	jQuery and AJAX
7.	Bootstrap-JavaScript Mediated Components
8.	Introduction to Server-Side Development with PHP and MySQL
	End Exam

(3) Mobile Application Development – 1 (MAD)

1.	Mobile Technology Environment
2.	Android Application Architecture
3.	Android Studio and Project File Organization
4.	GUI and Event Handling
	Mid Exam
5.	Accessing Other Applications with Intent & Intent Filters
6.	Sensors and Sample Applications
7.	Storage and Sample Applications
8.	Connectivity and Sample Applications
	End Exam

(4) Multimedia – 1 (MM)

1.	Multimedia Technologies
2.	Raster Graphics with Adobe Photoshop - Basic Tools
3.	Raster Graphics with Adobe Photoshop - Advanced Tools
4.	Photography and Introduction to Videography
	Mid Exam
5.	Vector Graphics with Adobe Illustrator - Basic Tools
6.	Vector Graphics with Adobe Illustrator - Advanced Tools
7.	2D Animation with Adobe Animate
8.	3D Animation with Blender
	End Exam

Batch Rosters

Colombo Branch

Saturday-Batch

	Sep-09	Sep-16	Sep-23	Sep-30	Oct-07	Oct-14	Oct-21	Oct-28	Nov-04/05
8-12	WEB 1	MAD 1	WEB 2	MAD 2	WEB 3	MAD 3	WEB 4	MAD 4	Mid Exam
1-5	MM 1	SANA 1	MM 2	SANA 2	MM 3	SANA 3	MM 4	SANA 4	Mid Exam

	Nov-11	Nov-18	Nov-25	Dec-02	Dec-09	Dec-16	Dec-30	Jan-06	Jan-13/14
8-12	WEB 5	MAD 5	WEB 6	MAD 6	WEB 7	MAD 7	WEB 8	MAD 8	End Exam
1-5	MM 5	SANA 5	MM 6	SANA 6	MM 7	SANA 7	MM 8	SANA 8	End Exam

Sunday-Batch

	Sep-10	Sep-17	Sep-24	Oct-01	Oct-08	Oct-15	Oct-22	Oct-29	Nov-04/05
8-12	MAD 1	WEB 1	MAD 2	WEB 2	MAD 3	WEB 3	MAD 4	WEB 4	Mid Exam
1-5	SANA 1	MM 1	SANA 2	MM 2	SANA 3	MM 3	SANA 4	MM 4	Mid Exam

	Nov-12	Nov-19	Nov-26	Dec-03	Dec-10	Dec-17	Dec-31	Jan-07	Jan-13/14
8-12	MAD 5	WEB 5	MAD 6	WEB 6	MAD 7	WEB 7	MAD 8	WEB 8	End Exam
1-5	SANA 5	MM 5	SANA 6	MM 6	SANA 7	MM 7	SANA 8	MM 8	End Exam

Tuesday-Batch

	Sep-12	Sep-19	Sep-26	Oct-03	Oct-10	Oct-17	Oct-24	Oct-31	Nov-04/05
8-12	WEB 1	MAD 1	WEB 2	MAD 2	WEB 3	MAD 3	WEB 4	MAD 4	Mid Exam
1-5	MM 1	SANA 1	MM 2	SANA 2	MM 3	SANA 3	MM 4	SANA 4	Mid Exam

	Non-14	Nov-21	Nov-28	Dec-05	Dec-12	Dec-19	Jan-02	Jan-09	Jan-13/14
8-12	WEB 5	MAD 5	WEB 6	MAD 6	WEB 7	MAD 7	WEB 8	MAD 8	End Exam
1-5	MM 5	SANA 5	MM 6	SANA 6	MM 7	SANA 7	MM 8	SANA 8	End Exam

Internal Schedule

	Tuesday	Wednesday	Thursday	Friday
8-12	Normal BIT Program As specified above	WEB Practical/SGD/SGA	Reading References	MAD Practical/SGD/SGA
1-5	Normal BIT Program As specified above	SANA Practical/SGD/SGA	English for IT Profession	MM Practical/SGD/SGA

Gampaha Branch

Sunday-Batch

	Sep-10	Sep-17	Sep-24	Oct-01	Oct-08	Oct-15	Oct-22	Oct-29	Nov-04/05
8-12	WEB 1	MAD 1	WEB 2	MAD 2	WEB 3	MAD 3	WEB 4	MAD 4	Mid Exam
1-5	MM 1	SANA 1	MM 2	SANA 2	MM 3	SANA 3	MM 4	SANA 4	Mid Exam

	Nov-12	Nov-19	Nov-26	Dec-03	Dec-10	Dec-17	Dec-31	Jan-07	Jan-13/14
8-12	WEB 5	MAD 5	WEB 6	MAD 6	WEB 7	MAD 7	WEB 8	MAD 8	End Exam
1-5	MM 5	SANA 5	MM 6	SANA 6	MM 7	SANA 7	MM 8	SANA 8	End Exam

Monday-Batch

	Sep-11	Sep-18	Sep-25	Oct-02	Oct-09	Oct-16	Oct-23	Oct-30	Nov-04/05
8-12	WEB 1	MAD 1	WEB 2	MAD 2	WEB 3	MAD 3	WEB 4	MAD 4	Mid Exam
1-5	MM 1	SANA 1	MM 2	SANA 2	MM 3	SANA 3	MM 4	SANA 4	Mid Exam

	Nov-13	Nov-20	Nov-27	Dec-04	Dec-11	Dec-18	Jan-01	Jan-08	Jan-13/14
8-12	WEB 5	MAD 5	WEB 6	MAD 6	WEB 7	MAD 7	WEB 8	MAD 8	End Exam
1-5	MM 5	SANA 5	MM 6	SANA 6	MM 7	SANA 7	MM 8	SANA 8	End Exam

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