

# BIT Semester 6 Academic Roster

05.08.2017 – 19.11.2017

	Sat	Sun	Sat	Sun
	Col	Col	Gam	Gam
05 / 06 – AUG		PROJ *	PROJ 1	
		SANA 1	DB 1	
12 / 13 – AUG	PROJ 1		PROJ *	
	DB 1		SANA 1	
19 / 20 – AUG		PROJ *	PROJ 2	
		SANA 2	DB 2	
26 / 27 – AUG	PROJ 2		PROJ *	
	DB 2		SANA 2	
02 / 03 – SEP		PROJ *	PROJ 3	
		SANA 3	DB 3	
09 / 10 – SEP	PROJ 3		PROJ *	
	DB 3		SANA 3	
16 / 17 – SEP	SANA 4		PROJ 4	
			DB 4	
23 / 24 – SEP	PROJ 4		PROJ *	
	DB 4		SANA 4	
30 / 01 – OCT	SANA 5		PROJ 5	
			DB 5	
07 / 08 – OCT	PROJ 5		PROJ *	
	DB 5		SANA 5	
14 / 15 – OCT	SANA 6		PROJ 6	
			DB 6	
21 / 22 – OCT	PROJ 6		PROJ *	
	DB 6		SANA 6	
28 / 29 – OCT	SANA 7		PROJ 7	
			DB 7	
04 / 05 – NOV	PROJ 7		PROJ *	
	DB 7		SANA 7	
11 / 12 – NOV	SANA 8		PROJ 8	
			DB 8	
18 / 19 – NOV	PROJ 8		PROJ *	
	DB 8		SANA 8	
07 – AUG	EBA 1,2			
05 – SEP				EBA 1,2
05 – OCT	EBA 3,4			
03 – NOV				EBA 3,4

## Database Systems 2

1. Stored Procedures and Triggers
2. File Structures and Indexing Files
3. Query Processing and Optimisation
4. Physical Database Design and Tuning
5. Transaction Processing Concepts
6. Concurrency Control Techniques
7. Database Recovery Techniques
8. Distributed Databases

## Systems & Network Administration

1. Foundation of system & Network Administration
2. Server Operating System (Concepts/Installation) -2
3. Root Privileges/User Management/Software Installation
4. Disk Storage/Controlling Process/File System-1
5. Network Administration (IP Configuration / Routing / Gateway) -1
6. Network Administration (Web/DNS)
7. Virtualization
8. Shell Scripting

## e-Business Application

1. e-Business Transformation  
eBusiness Goals/ Strategies / Revenue Models
2. eRediness (Internal/External / transformation Roadmap  
eTransformation Methodology (B2B & B2C)
3. eSystem (ICT/Business) e-Business Applications
4. Sri Lankan Context for Electronic Commerce