

BIT Semester 5

Academic Roster

GALLE BRANCH

13.10.2018 - 12.05.2019

	SATURDAY
13 – OCT	PI 1 CS 1
20 – OCT	PROJ 1 SEC 1
27 – OCT	PI 2 CS 2
03 – NOV	PROJ 2 SEC 2
10 – NOV	PI 3 CS 3
17 – NOV	PROJ 3 SEC 3
24 – NOV	PI 4 CS 4
01 – DEC	PROJ 4 SEC 4
08 – DEC	BM 1 CS 5
15 – DEC	PROJ 5 SEC 5
22 / 23 – DEC	Batch Trip and Summer Night
29 – DEC	BM 2 CS 6
05 – JAN	PROJ 6 SEC 6
12 – JAN	PI 5 CS 7
19 – JAN	PROJ 7 SEC 7
26 – JAN	PI 6 CS 8
02 – FEB	FMM 1 SEC 8
09 – FEB	SEC CS 9
16 – FEB	FMM 2 SEC 9

	SATURDAY
23 – FEB	PI 8 CS 10
02 – MAR	FMM 3 SEC 10
09 – MAR	BM 3 CS 11
16 / 17 – MAR	Cricket / Badminton Tournament Sport Day & DJ
23 – MAR	FMM 4 SEC 11
30 – MAR	BM 4 CS 12
06 – APR	FMM 5 SEC 12
20 – APR	PI 9 CS 13
27 – APR	FMM 6 SEC 14
04 – MAY	PI R1 CS R1
11 – MAY	SEC R1 BM R1

Professional Issues in IT

No.	Lesson
PIIT-1	Teamwork Concepts and Issues
PIIT-2	Social Context of Computing
PIIT-3	Professional Communications
PIIT-4	Intellectual Property
PIIT-5	Legal Issues in Computing / History of Computing
PIIT-6	Organizational Context / Privacy and Civil Liberties
PIIT-9	Professional and Ethical Issues & Responsibilities

Fundamentals of Management

No.	Lesson
FM-1	Organization / Manager / Change and Innovation
FM-2	Evolution of Management / Environment of management
FM-3	Planning / Organizing / Leading
FM-4	Controlling / Decision making

Information Systems Security

No.	Lesson
SEC-1	Security Issues in Information Systems
SEC-2	Cryptography in Cryptosystems
SEC-3	Symmetric Key Cryptographic Algorithm – 1
SEC-4	Symmetric Key Cryptographic Algorithm – 2
SEC-5	Asymmetric Key Cryptographic Algorithm – 1
SEC-6	Public Key Infrastructure – 1
SEC-7	Public Key Infrastructure – 2
SEC-8	Integrity of Messages / Security Policies and Assessments
SEC-9	Network Security Protocols – 1
SEC-10	Network Security Protocols – 2
SEC-11	Internet Security Techniques
SEC-12	Information Assurance – 1
SEC-13	Information Assurance – 2

Fundamentals of Multimedia

No.	Lesson
FMM-1	Introduction to Multimedia
FMM-2	Developing text-based objects
FMM-3	Image Processing
FMM-4	Audio Processing
FMM-5	Video Processing
FMM-6	Animation /Advanced Topics in Multimedia

Computer Systems II

No.	Lesson
CS-1	Introduction to Hypervisors / Introduction to Cloud computing
CS-2	OS fundamentals (Process management) – 1
CS-3	OS fundamentals (Process management) – 2
CS-4	OS fundamentals (Memory management)
CS-5	OS fundamentals (Storage management)
CS-6	Uniprocessor Architecture (CPU Word length effects and floating point)
CS-7	Multiprocessors (Flynn's classification / Shared memory multiprocessors)
CS-8	Multiprocessors (Amdahl's law and extracting parallelism)
CS-9	Uniprocessor Architecture (Memory hierarchy)
CS-10	Uniprocessor Architecture (CPU paradigms / CPI, FLOPS, etc..and conversion from IPS to CPI) – 1
CS-11	Uniprocessor Architecture (CPU paradigms / CPI, FLOPS, etc..and conversion from IPS to CPI) – 2
CS-12	Uniprocessor Architecture (RISC architecture) – 1
CS-13	Uniprocessor Architecture (RISC architecture) – 2

Final Year Project

No.	Lesson
PROJ -1	Topics will be confirmed tomorrow
PROJ -2	Topics will be confirmed tomorrow
PROJ -3	Topics will be confirmed tomorrow
PROJ -4	Topics will be confirmed tomorrow
PROJ -5	Topics will be confirmed tomorrow
PROJ -6	Topics will be confirmed tomorrow