

BIT Semester – 1

Lesson Plan – 2021

1. Information Systems – IT1106

Stream - 1	Stream - 2
1-Information Systems & Information Technology	4-Electronic Business Systems
2-IS for Organization and Globalization	5-Specialized Systems and New Technologies
3-IS Evolution to E-Commerce and M-Commerce	6-IS Acquisition
7-Security, Ethics, Privacy & Other Challenges in IS	

2. Computer Systems – IT1206

Stream - 1	Stream - 2
1-Computer Evolution and History	6-Input Output Devices
2-Data Representation and Arithmetic	7-Volatile and Non-Volatile
3-Boolean Algebra and Circuits Design	8-Expansion Cards and System Interfaces
4-Combinational and Sequential Logic Circuits	9-System Software and Utilities
5-CPU Organization and Instruction Set Architecture	10-Introduction to Computer Networks
	11-System Maintenance and Trouble Shooting

3. Free and Open-Source Software for Personal Computing – IT1306

Stream - 1	Stream - 2
1-Introduction to FOSS	3-Word Processing – Writer
2-Manage Files & Folders – FOSS Operating Systems	6-Presentation for Effective Communication
4-Spread Sheet for Calculation – Calc	7-Multimedia Content Development
5-Database for Processing Data	

4. Introduction to Programming (Java) – IT1406

Stream - 1	Stream - 2
1-Java Programming Environment	3-Fundamentals-Data Types/Literals/Variables/Arrays
2-Architecture of a Java Program	4-Fundamentals-Operators
6-Object Oriented Programming and GUI/Event	5-Fundamentals-Flow Control & Collections
8-Interfaces, DB-Connectivity & Annotation	7-Exception Handling & File Handling with IO-Streams

5. Introductory Mathematics – EN1106

Stream - 1	Stream - 2
1-Numbers and Arithmetic Operation	2-Basic Algebra
4-Fundamental of Measurements	3-Solving Equation and Inequalities
5-Percentages and Ratios	7-Indices and Logarithms
6-Fundamentals of Sequences and Series	8-Modulo Arithmetic