

SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY
Faculty of Computing



Module Delivery Plan
Year 2022

Module Name **Database Management Systems** **Module Code** **IT2040**
Academic Year **1** **Semester** **2**

Week	Lecture Content	Tutorial	Lab	Assessment	Resources
1	Lecture 01 : Introduction to EER	No Tutorials	No Labs	-	Self- learning exercised on courseweb Raghuramakrishnan & Gerke -Chapter 1 & 2 Navathe- Chapter 3
2	Lecture 01 Contd. Lecture 02 : ER and EER to relational mapping	Tutorial 01	Lab Sheet 01	-	Self- learning exercised on courseweb Raghuramakrishnan & Gerke -Chapter 3 Navathe- Chapter 9
3	Lecture 02 Contd.	Tutorial 02 - Q1 & Q2	Lab Sheet 02	In class test 1	Self- learning exercised on courseweb Raghuramakrishnan & Gerke -Chapter 3 Navathe- Chapter 9
4	Lecture 03 : Schema Refinement	Tutorial 03	Lab Sheet 02 Contd.	-	Self- learning exercised on courseweb Raghuramakrishnan & Gerke -Chapter 19 Navathe- Chapter 14
5	Lecture 04 : SQL	Tutorial 04	Lab sheet 03	In class test 2	Self- learning exercised on courseweb Raghuramakrishnan & Gerke -Chapter 5 Navathe- Chapter 6
6	Lecture 04 Contd.	Tutorial 04 Contd. Tutorial 05	Lab sheet 04		Self- learning exercised on courseweb Raghuramakrishnan & Gerke -Chapter 5 Navathe- Chapter 6

7	Lecture 05 : Database Programming (views and functions)	Tutorial 05 Contd.	Lab Sheet 04 Contd., Lab Sheet 05	-	Self- learning exercised on courseweb Raghuramakrishnan & Gerke -Chapter 5 Navathe- Chapter 7
8	Mid term examination				
9	Lecture 05 : Database Programming Contd. (Procedures and triggers)	Tutorial 06	Lab Sheet 05		Self- learning exercised on courseweb Raghuramakrishnan & Gerke -Chapter 5 Navathe- Chapter 7
10	Lecture 07 – Database Utilities (self study via recording)	Tutorial 06 Contd.	Lecture 06 - JDBC	In class test 3 & 4	Raghuramakrishnan & Gerke -Chapter 6
12	Lecture 08 – Database Security	Tutorial 07		-	Navathe- Chapter 13
13	Revision	No Tutorial	No lab Sheet	Quiz	