

**Online Class Program (OCP)**

**Road Map (Computer) Term-I ( 2020-2021) w.e.f.01 Jul 2020**

**TERM-1**

**ROADMAP - COMPUTER SC**

Date	CL-12		CL-11	
	Topic	Sub-Topic	Topic	Sub-Topic
01-07-2020	Unit III: Database Management	Database Concepts	Unit II: Computational Thinking and Programming	Flow Chart
02-07-2020		Database Concepts		Data Types in details
03-07-2020		Relational data model		Conditional statements
04-07-2020		Relational data model		Conditional statements
05-07-2020				
06-07-2020		Structured Query Language		iterative statements
07-07-2020		Structured Query Language		iterative statements
08-07-2020		Structured Query Language		Function Definition
09-07-2020		Structured Query Language		Functions
10-07-2020		Structured Query Language		Functions
11-07-2020		Structured Query Language		Functions
12-07-2020				
13-07-2020		Structured Query Language		Types of Arguments
14-07-2020		Structured Query Language		Types of Arguments
15-07-2020		Structured Query Language		Modules
16-07-2020		Structured Query Language		Modules
17-07-2020		Structured Query Language		Strings
18-07-2020		Structured Query Language		Strings
19-07-2020	SUNDAY			
20-07-2020	Unit I: Computational Thinking and Programming - 2	Using Python libraries	Unit II: Computational Thinking and Programming	Strings
21-07-2020		Using Python libraries		Strings
22-07-2020		Using Python libraries		String slicing
23-07-2020		File handling		String slicing
24-07-2020		File handling		Programs on Strings
25-07-2020		File handling		Programs on Strings
26-07-2020				
27-07-2020		File handling		Lists
28-07-2020		File handling		Lists
29-07-2020		File handling		Lists Functions
30-07-2020		File handling		Lists Functions
31-07-2020		File handling		Lists Functions
01-08-2020		File handling		Lists Functions
02-08-2020				
03-08-2020		File handling		Programs on List
04-08-2020		File handling		Programs on List
05-08-2020		CSV File		Programs on List
06-08-2020		CSV File		Number System: numbers in base 2, 8, 16
07-08-2020	CSV File	Number System: numbers in base 2, 8, 16		
08-08-2020	CSV File	Number System: numbers in base 2, 8, 16		
09-08-2020	SUNDAY			
10-08-2020	Unit I: Computer Networks	Computer Networks	Unit I: Computer Networks and Organisation	<b>Encoding Schemes: ASCII, UTF8, UTF32, ISCII and Unicode</b>
11-08-2020		Computer Networks		<b>Encoding Schemes: ASCII, UTF8, UTF32, ISCII and Unicode</b>
12-08-2020		Computer Networks		<b>Encoding Schemes: ASCII, UTF8, UTF32, ISCII and Unicode</b>
13-08-2020		Computer Networks		Boolean logic
14-08-2020		Computer Networks		Boolean logic
15-08-2020		Computer Networks		Boolean logic
16-08-2020				
17-08-2020		Computer Networks		Boolean logic

18-08-2020	Unit II: Comput	Computer Networks	Unit I: Computer System	Boolean logic
19-08-2020		Computer Networks		Basic computer organisation
20-08-2020		Computer Networks		Basic computer organisation
21-08-2020		Computer Networks		Basic computer organisation
22-08-2020		Computer Networks		Types of software
23-08-2020				
24-08-2020		Computer Networks		Types of software
25-08-2020		Computer Networks		Memory Units
26-08-2020		Computer Networks		Memory Units
27-08-2020		Computer Networks		Memory Units
28-08-2020	Computer Networks	Concept of Compiler and Interpreter		
29-08-2020	Computer Networks	Concept of Compiler and Interpreter		
30-08-2020	SUNDAY			
31-08-2020	Unit I: Computational Thinking and Programming - 2	Programming	Unit III: Society, Law and Eth	Operating System (OS)
01-09-2020		Programming		Operating System (OS)
02-09-2020		Programming		Concept of cloud computing
03-09-2020		Programming		Concept of cloud computing
04-09-2020		Programming		Society, Law and Ethics
05-09-2020	Programming	Society, Law and Ethics		
06-09-2020	SUNDAY			
07-09-2020	Unit III: Database Management	Interface of Python with an SQL database	Unit III: Society, Law and Eth	Society, Law and Ethics
08-09-2020		Interface of Python with an SQL database		Society, Law and Ethics
09-09-2020		Interface of Python with an SQL database		Society, Law and Ethics
10-09-2020		Interface of Python with an SQL database		Society, Law and Ethics
11-09-2020		Interface of Python with an SQL database		Society, Law and Ethics
12-09-2020	Interface of Python with an SQL database	Society, Law and Ethics		
13-09-2020	SUNDAY			
14-09-2020	REVISION		REVISION	
15-09-2020				