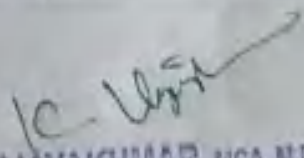


**Percentage of Revision of B.Sc. Information Technology
Syllabus Revised for - 2020-2023**

CRITERIA: 1.2.2

B.Sc.IT							
S.No	Course Code	Course Title	Change Details	% of Changes	Content Deleted	Content Updated	Reason for Change
1	20UIT204	OOPs with Java	Added & Removed	5	Unit IV: Graphics Programming	Unit IV: AWT Concepts	Outdated content removed and new concepts introduced
2	20UIT205	Data Structures	Added & Removed	10	UNIT V: Except Hashing Introduction	UNIT IV: Searching from Unit V UNIT V: Graph: Traversal – Spanning trees	Outdated content removed and new concepts introduced
3	20UIT2A2	Mathematics II	Removed	2	Unit IV: Traversal – Binary trees	Nil	Outdated concept removed
4	20UIT307	Operating System	Added	10	Nil	Unit II: Semaphore Unit V: Windows XP & 7	Used in industry
5	20UIT3A3	Microprocessor and Assembly Language Programming	Added & Removed	5	Unit IV: MOTOROLA:	Unit IV: Core i9 & Mobile Processors	Updated as per new processors introduced in industry
6	20UIT412	Data Communication and Networks	Added	5	Nil	Unit III: TCP/IP	Basic concept
7	20UIT414	Visual Programming	Added	5	Nil	Unit V: Case Study.	Real time application
8	20UIT4A4	Software Engineering	Added	5	Nil	Unit II: DFD & ER concepts	Needed concepts for doing project
9	20UIT517	Open Source Methodologies	Added & Removed	100		Unit I: VIM Editor From Unit II.	New recent book

					Unit III – X Window System & GUI Unit IV: Android Unit V: User Interface Intents & Services Storing & Retrieving data. (Change of Book)	Unit II: Shell Programming from Unit III. Unit III: Working with Files from Unit I. Linux Environment. Text Book: Neil Matthew and Richard Stones, (2006). <i>Beginning LINUX Programming</i>, Third Edition, Wiley Dream Tech Publications. Unit IV: Android (New Book) Unit V: Welcome App: (New Book) Text Book: Paul and Harvey Deitel, (2018), <i>Android 6 for Programmers</i>, Third Edition, Pearson Education Publications.	changed as text book with additional concepts
10	20UIT6E7	Major Elective – III Mobile Computing	Added	5	Nil	Unit V: 4G & 5G Technologies	Recent Internet generation concepts
11	20UIT623	Project	Added	5	Nil	Internship (15 days) during fourth Semester vacation	In order to study the system clearly


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