

**SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE
(AUTONOMOUS), COIMBATORE - 641 020**

Name of the Programme: B.Sc Computer Science

Month & Year of Revision: May 2016

S.No.	Course Title	Course Code	% of Revision
1	CORE: ANDROID PROGRAMMING	17UCS/USC5C11	100
2	CORE: PYTHON AND IOT	17UCS/USC6C13	100
3	CORE: OBJECT ORIENTED MODELING AND DESIGN WITH UML AND SOAD	17UCS/USC4C08	100
4	CORE: DATABASE MANAGEMENT SYSTEM	17UCS/USC3C03	20
5	CORE: JAVA PROGRAMMING	17UCS/USC3C05	40
6	CORE: WEB TECHNOLOGY (XML, WEB SERVICES AND PHP)	17UCS/USC5C10	20
7	CORE PRACTICAL: ANDROID PROGRAMMING LAB	17UCS/USC5CP6	100
8	CORE PRACTICAL: PYTHON LAB	17UCS/USC6CP8	100

Note:

No. of Courses offered by the Department (A) 25

No. of Courses revised in BoS (20% Revision) (B) 8

Formula for Syllabus revision: $(B/A)*100$ 32%

Course Title	Course code	Unit	Existing Content	Modified/Revised content	% of Revision/Modification
CORE: DATABASE MANAGEMENT SYSTEM	17UCS/USC3C03	V	Object Oriented Databases: – The Object Oriented Data Model – Object Oriented Languages – Persistent Programming Languages – Persistent C++ Systems.(Chapter 8, Page No.: 307 -330)- Object Relational Databases: – Nested Relations – Complex Types – Inheritance – Reference Types - Querying with Complex Types – Functions and Procedures – Comparison of Object Oriented and Object Relational Databases	PL/SQL Composite Data Types : Records - Tables arrays . Named Blocks : Procedures – Functions – Packages – Triggers - Data Dictionary Views .	20
<i>Total Percentage of course content Modified/Revised</i>					20%

Course Title	Course code	Unit	Existing Content	Modified/Revised content	% of Revision/Modification
CORE: JAVA PROGRAMMING	17UCS/USC3C05	IV	Applet: Basics – Architecture – Passing parameters to Applets – Skeleton – Simple Applet – Event handling: Event model –Event class –Event listener interface.	Introduction the AWT: AWT Classes Window Fundamentals- Creating Frame Window in an Applet- Handling Events in Frame Window- Working with Graphics Working with Color-Working with Fonts- Using AWT Controls: Control Fundamentals. AWT Menus: Menu Bars and Menus -Dialog Boxes Image Fundamentals: Creating, Loading, and Displaying.	20
		V	Java Beans: - Advantages – Application building tools – Using Bean Developer kit (BDK) - JAR files – Developing simple Bean using the BDK. (Page Number: 886-898) RMI: Basics – TCP/IP client sockets – inet Address – URL – Datagram’s.	J2EE Overview: Distributed Multitiered Applications-J2EE Containers - Packaging -Development Roles. EJB: Enterprise Bean-Session Bean- Entity Bean-Message Driven Bean-The Life Cycles of Enterprise Beans. Servlet: Servlet Life Cycle- Sharing Information-Initializing a Servlet- Writing Service Methods	20
<i>Total Percentage of course content Modified/Revised</i>					40%

Course Title	Course code	Unit	Existing Content	Modified/Revised content	% of Revision/Modification
CORE: WEB TECHNOLOGY (XML, WEB SERVICES AND	17UCS/USC5C10	V	Functions: User defined functions- Built in functions- PHP Server variables- Working with date and time- Performing mathematical	Working with Databases: Creating MYSQL Database, New Table, Putting Data into the New Database, Accessing the Database in PHP, Inserting, Deleting, Updating	20

PHP)			operations. Working with forms- Form elements- Adding elements to a form.	the Data items into a database using PHP.	
<i>Total Percentage of course content Modified/Revised</i>					20%

A. R. ...

**Chairman
Board of Studies**

D. ...

**PRINCIPAL
SRI RAMAKRISHNA MISSION VIDYALAYA
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