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

Name of the Programme: B com CA   **Month &Year of Revision:** May 2017

S.No.	Course Title	Course Code	% of Revision
1	Fundamentals of Java Programming	17UCC4C08	100
2	Java Practical	17UCC4CP4	100
3	Industrial Training/Internship training	13UCC5IN1	100

No.of Courses offered by the Department (A)	31
No.of Courses revised in BoS (20% Revision) (B)	3
Formula for Syllabus revision: (B/A)*100	9.68%

SRIRAMAKRISHNAMISSIONVIDYALAYACOLLEGEOFARTS ANDSCIENCE(AUTONOMOUS)

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Department ofCommercewith
ComputerApplications(UnaidedWing)LayoutofSyllabus Revision2017

S.No	CourseTitle	CourseCode	unit	ExistingContent	ModifiedContent	%ofchanges inSyllabus
1	**Fundamentals of Java Programming**	17UCC4C08	**1 to 5 units**		**UNIT - I** : Introduction to Java – Basic Concepts of Object Oriented Programming – Benefits – Applications – Java Evolution – History – Features – Program structure – Tokens – statement –	100 %

					Implementing a Java program – Java Virtual Machine – Command line argument	
					UNIT - II : Constants – Data types – Variables – Declaration – scope – Type casting – Operators and Expression – Arithmetic, Relational, Logical, Assignment, Increment and Decrement, Conditional, Bitwise and Special Operators, Arithmetic Expressions	
					UNIT - III : Decision Making and Branching – With if – Simple if – If else – Nesting of If … else – else if ladder & switch statement - ?; operator Decision making and Looping – while, do, for statement – Jumping in loops	
					UNIT – IV : Classes, Objects and Methods – Defining a class – Adding Variables – adding methods – creating objects – Accessing Class, Methods –	

| | | | | | Constructors – Methods of Overloading – Static Members – Nesting of Methods – inheritance – Overriding methods – Final variable and methods – Final classes – Finalizer methods – Abstract Methods and classes – Visibility control – Arrays – Creation of one, two dimensional arrays strings. Interface – defining – extending – Implementing and accessing interface variables

UNIT - V : Packages – creating – Accessing – using – adding a class to a package. Multithread programming – creating – extending – stopping and blocking and life cycle of a thread – Managing errors and exceptions – Exceptions – Multiple catch statements – Using finally statement – Applet Programming Introduction – Applet life cycle – Creating and executing Applet – Applet Tag – Adding Applet to HTML file – Running the | |

					Applet – Passing parameters to Applet.	
2.	**Java Practical**	17UCC4CP4	**12 PROGRAMES**		1.write a java program to compute the arithmetic operation. 2.write a java program to find the area of circle using double. 3.write a java program using command line arguments. 4.Write a java program to Find Factorial of Given no. 5.Write a java program to find the area, volume using single inheritance. 6.Write a java program multiplication table of given no. 7.write a java program to find the area ,volume using class and object 8.Write a java program to find manipulation of the strings. 9.Write a java program sorting using arrays.	100%

					10. write a java program draw a human face using applets. 11. Write a java program draw a several shapes using applets. 12. Write a java program draw a polygon using applets.	
3.	**Industrial Training/Internship training**	13UCC5IN1				100%
4.	**Project**	17UCC6CPR				100%

V. Vish

Chairman
Board of Studies

PRINCIPAL
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