JAVA PROGRAMMING

	Category	Hours / Week			Credits	Maximum Marks		
ACSB41	Core	L	Т	Р	С	CIA	SEE	Total
		3	-	-	3	30	70	100
Contact Classes: 45	Tutorial Classes: Nil	Practical Classes: Nil Tot			Tota	tal Classes: 45		
II. The object oriente III. The multi threadin applications for	ble the students to: ts and techniques which f ed features to develop the ng, platform independent business problems.	robust a and Gra	applicat aphical	ions u User I	sing java pla nterface feat	atform. tures to de	-	ie
Wide Web - Web Brown Language: Simple Java a Java Program - Java V Constants-Type Casting	eatures - How Java differ sers - Hardware and Soft Program - Java Program Virtual Machine - Constar g and type promotions – C eak - continue- Arrays-M	ware Re Structur its - Var Operator	quiremo e - Java iables - s, Opera	ents - J a Toke Data t ator Pr	Java Environ ns- Java Sta types - Scop ecedence an	nment. Ov tements - e of Varia ad Associa	verview Implem bles-Syn ativity -	of Java enting
AODULE -II CLASSES AND OBJECTS:						Classes: 09		
						C' 1'	0 1	
methods and constructor arguments - variable len Inheritance: Forms of in combination, benefits an	onstructors – methods - th rs - Access Control- Statio gth arguments. heritance – specialization ad costs of inheritance. Su h –abstract classes – expl	c member , specifi per uses	ers – ne cation, s- final	sted an constr - polyi	nd inner clas	sses – con nsion, lim	nmand li itation,	iding ne
methods and constructor arguments - variable len Inheritance: Forms of in combination, benefits an dynamic method dispate	rs - Access Control- Statio gth arguments. heritance – specialization ad costs of inheritance. Su	c member , specifi per uses loring St	ers – ne cation, s- final	sted an constr - polyi	nd inner clas	sses – con nsion, lim nethod ov	nmand li itation,	iding ne
methods and constructor arguments - variable leng Inheritance: Forms of information, benefits and dynamic method dispate MODULE -III PACK Defining and accessing Interfaces - Defining an extended interfaces. Exp Exception Handling-Fur	rs - Access Control- Static gth arguments. heritance – specialization ad costs of inheritance. Su h –abstract classes – expl	c member , specifi per uses loring St CES: ng CLAS ace, App util pac catch, n	ers – ne cation, s- final tring cla SSPATI olying it ckages. nultiple	sted an constr - polyn iss. H – acc nterfac catch	nd inner clas uction, exte morphism, n cess protecti res, Variable	sses – con nsion, lim nethod ov	nmand li itation, erriding Classes ting pack faces and	ding ne - : 08 kages – d
methods and constructor arguments - variable leng Inheritance: Forms of information, benefits and dynamic method dispate MODULE -III PACKA Defining and accessing Interfaces - Defining an extended interfaces. Exp Exception Handling-Fun Java Built in Exceptions	rs - Access Control- Static gth arguments. heritance – specialization ad costs of inheritance. Su h –abstract classes – expl AGES AND INTERFA a package – understandir d implementing an interfa ploring java.lang and java ndamentals, usage of try,	c member , specifi per uses loring St CES: ng CLAS ace, App util pac catch, n tion sub	ers – ne cation, s- final tring cla SSPATI olying i ckages. nultiple classes.	sted an constr - polyn iss. H – acc nterfac catch	nd inner clas uction, exte morphism, n cess protecti res, Variable	sses – con nsion, lim nethod ov on impor es in interf	nmand li itation, erriding Classes ting pack faces and	ding ne - : 08 kages – d nally.

MODULE -V APPLET PROGRAMMING:	Classes: 10
How Applets differ from Applications - Applet Life Cycle - Creating an Applet - Running Designing a Webpage - Applet Tag - Adding Applet to HTML file - More about Applet Ta parameters to Applets - Aligning the display. Event handling: basics of event handling, Event classes, Event Listeners, delegation event handlingmouseandkeyboardevents, adapter classes, AWTClasshierarchy-AWTControls-Laye Managers and Menus, limitations of AWT.	ag - Passing t model,
Text Books:	
 Herbert Schildt, "The Complete Reference Java J2SE", TMH Publishing Company Lt 5th Edition,2008. Cay Horstmann, "Big Java", John Wiley and Sons, 2nd Edition,2006. 	td, New Delhi,
Reference Books:	
 Java How to Program, Sixth Edition, H.M.Dietel and P.J.Dietel, PearsonEducation/F Core Java 2, Vol 1, Fundamentals, Cay.S.Horstmann and Gary Cornell, Seventh Edi Education. Core Java 2, Vol2, Advanced Features, Cay.S.Horstmann and Gary Cornell, Seventh PearsonEducation. 	tion, Pearson
Web References:	
 http://www.javatpoint.com/java-tutorial http://www.javatutorialpoint.com/introduction-to-java/ 	
E-Text Books:	

1.http://bookboon.com/en/java-programming-language-ebooks 2.https://en.wikibooks.org/wiki/Java_Programming