

# GOVERNMENT POLYTECHNIC COLLEGE, KOTA (RAJ.)

## SYLLABUS BREAK-UP (SESSION 2015-16)

SUBJECT CODE : **CS309**

SUBJECT NAME : **Java Tools**

FACULTY NAME : **MAHENDRA KUMAR SHARMA**

DESIGNATION : **SR. LECTURER (COMPUTER)**

TOPIC	LECTURE / PRACTICAL CLASSES REQUIRED TO COVER TOPIC	MONTHS IN WHICH THE TOPIC WILL BE COVERED	ACTUAL DATE OF COVERING OF THE TOPIC	REASON FOR NOT COVERING THE TOPIC IN DUE TIME	E-CONTENTS PROVIDED TO STUDENTS RELATED TO TOPIC
Java Fundamentals : Introduction Features of Java Types of Java programs Application programs Applets Sevlets Java architecture JDK tools	3				
Applet : Basics of applet Applet life cycle Applet tag	3				
Paint( ), Update( ), Repaint( ), SetBackground( ), SetForeground( ), ShowStatus ( ) Different between applet and application programs	4				
Graphics : Drawing lines, Arc Drawing rectangles, oval Drawing ploggon, Polyline Clipping	4				
AWT and Event Handling: Component Frame Button class Layout managers Label	5				
Text field, text area Check box, check box group Choice, list, menu Event handling Adaptor class	3				
Swing : Introduction to JFC JApplets, JToolTip class JLabel, JButton	5				
Text components JList, JCombobox JTable, JScrollPane JCheck box, JTtext area	5				
JDBC : Database connectivity JDBC application architecture Obtaining connection	3				

Statement Object Working with Result Set Prepared statements Query Prepared Statement	5				
Servlet : Java servlet Servlet container Servlet life cycle Servlet interface	4				
Generic servlet, Http servlet class HttpServletRequest, HttpServletResponse interface getOutputStream, setHeader methods Parameter passing to servlet	4				
Revision	12				
<b>TOTAL</b>	<b>60</b>				