PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH

Teaching Plan Session (2017-18)

Class: BCA VI sem Teacher: Jasdeep kaur

Subject: Web Programming Period :3rd

Paper : BCA-601 Room No : 101

|  |  |  |  |
| --- | --- | --- | --- |
| S.No | Date From | Date Upto | Topics to be covered |
| Week 1 | 8th Jan 2018 | 13th Jan 2018 | Introduction to HTML, Building blocks of HTML  Lists: types of list ,ordered list & unordered list |
| Week 2 | 15th Jan 2018 | 20th Jan 2018 | Introduction to Links, images, Introduction to tables, frames with all their attributes, How to make forms in HTML |
| Week 3 | 22th Jan 2018 | 27th Jan 2018 | Java Script: Features, tokens, data types, variables |
| Week 4 | 29th Jan 2018 | 3rd Feb 2018 | Java Script: operations, control structures string arrays |
| Week 5 | 5th Feb 2018 | 10th Feb 2018 | Functions, core language objects, event handling |
| Week 6 | 12th Feb 2018 | 17th Feb 2018 | Fundamentals of Java: Java Vs. C++, Byte lode, Java virtual machine  Constants, variables, data types, operators, expressions, control structures |
| Week 7 | 19th Feb 2018 | 24th Feb 2018 | Defining class, creating objects, accessing class  Members. |
| Week 8 | 26th Feb 2018 | 3rd March 2018 | .  constructions, method overloading |
| Week 9 | 5th March 2018 | 10th March 2018 | Inheritance : Basics, member access, using super to call super class constructors, creating a multi level  Hierarchy. |
| Week 10 | 12th March 2018 | 17th March 2018 | Method overriding, dynamic method dispatch, using abstract classes, using Final. |
| Week 11 | 19th March 2018 | 24th March 2018 | Introduction to Exception handling using try and catch Blocks. |
| Week 12 | 26th March 2018 | 31th March 2018 | Multi-threaded Programming The Main Thread : Creating a Thread, Implementing Runnable, Extending Thread, Creating Multiple Threads, Thread Priorities; Synchronizations : Methods, Statements, Inter Thread Communication, Deadlock, Suspending, Resuming and Stopping Threads. |
| Week 13 | 2nd April 2018 | 7th April 2018 | I/O Applets : I/O Basics : Streams, The predefined streams; Reading console I/P, Writing console O/P. The print writer class; Reading and Writing files. |
| Week 14 | 9th  April 2018 | 14th April 2018 | Applet fundamentals, Using AWT controls: AWT Classes, Adding and Removing Controls,Responding to Controls, Controls and their classes, Graphics and Text , |
| Week 15 | 16th April 2018 | 21th April 2018 | Layout Managers: Understanding Layout Manager, FlowLayout, BorderLayout, GridLayout, CardLayout. Menus, Event handling: Two Event Handling Mechanisms, Delegation Event Model (Events, Event Sources, Event Classes, Event Listeners, Sorces of Events, Event Listener Interfaces, Handling Mouse and Keyboard Events. |
| Week 16 | 23th April 2018 | 28th April 2018 | Introduction to cascading style sheets (CSS) defining and applying CSS |