	L	T	P	C
III Year - I Semester	**0**	**0**	**3**	**2**

ADVANCED JAVA PROGRAMING LAB

OBJECTIVES:

- To develop skills in students in developing applications using advanced concepts of advanced Java programming concepts like JDBC, Servlets, JSP, Java Beans, etc.

PROGRAMS LIST:

1. Write a program to prompt the user for a hostname and then looks up the IP address for the hostname and displays the results.

2**.** Write a program to read the webpage from a website and display the contents of the webpage.

3**.** Write programs for TCP server and Client interaction as per given below.

i). A program to create TCP server to send a message to client.
ii). A program to create TCP client to receive the message sent by the server.

4. Write programs for Datagram server and Client interaction as per given below.

i). A program to create Datagram server to send a message to client.
ii). A program to create Datagram client to receive the message sent by the server

5. Write a program by using JDBC to execute a SQL query for a database and display the results.

6. Write a program by using JDBC to execute an update query without using Prepared Statement and display the results.

7. Write a program by using JDBC to execute an update query by using Prepared Statement and display the results.

8. Write a program to execute a stored procedure in the database by using Callable Statement and display the results.

9. Write a program to display a greeting message in the browser by using Http Servlet.

10. Write a program to receive two numbers from a HTML form and display their sum in the browser by using Http Servlet.

11. Write a program to display a list of five websites in a HTML form and visit to the selected website by using Response redirection.

12. Write a program to store the user information into Cookies. Write another program to display the above stored information by retrieving from Cookies.

13. Write a program in Java Beans to add a Button to the Bean and display the number of times the button has been clicked.

14. Write a program for Java Bean with Simple property by using SimpleBeanInfo class.

15. Write a program for Java Bean with Indexed Property by using SimpleBeanInfo class.

16. Write a program to develop a Enterprise Java Bean of "Session Bean" type.

OUTCOMES:
- After successful completion of course, students will be able appreciate and apply the advanced concepts of Java including JDBC, Servlets, JSP, Java Beans, etc.