INDEX

Sr No	Aim	Date	Pg No	Sign
1	Write a program in java application using swing to generate a login page	10/01/23	3	
2	write a program in java application using swing to generate a registration form	10/01/23	4	
3	create a simple basic calculator application using servlet in java	17/01/23	5	
4	create a servlet for a login page. if the username and password are correct then the page displays a message "hello <username>",else, a message "login failed"</username>	24/01/23	6	
5	create a servlet program for simple registration form	31/01/23	7	
6	write a servlet program to find out whether the given no is even/odd	31/01/23	8	
7	write a servlet program to find the cube of the number	31/01/23	9	
8	write a servlet program to find the factorial of the given number	04/02/23	10	
9	using Request Dispatcher interface, create a servlet which will validate the password entered by the user, if the user has "Servlet" as password then he will be forwarded to Welcome Servlet, else the user will stay on the index.html page accompanied by an error message "login failed"	04/02/23	11	
10	create cookies object and accessing it in another servlet	04/02/23	12	
11	develop a simple JSP application to display values obtained from the use of implicit objects	11/02/23	13	
12	create a simple JSP registration form page. (add additional components for much variations)	11/02/23	14	
13	create a simple EJB (enterprise java beans) to display a message "hello world"	18/02/23	15	
14	create a currency converter application using EJB	18/02/23	16	
15	create a registration servlet in java using JDBC, accept the details such as: username, password, email and country from the user using HTML form and store the registration details in the database	25/02/23	17	
16	create a JSP page to demonstrate the use of expression language	25/02/23	18	
17	create a JSP application to demonstrate the use of JSTL	25/02/23	19	
18	develop simple EJB application to demonstrate servlet HIT Count using singleton session beans	04/02/23	20	
19	develop a simple room reservation system application using EJB	04/03/23	21	
20	Develop a hibernate application to store Feedback of Website Visitor in MySQL Database	11/03/23	22	
21	Develop simple Servlet Question Answer Application using Database	11/03/23	23	

INDEX

Sr. No.	Aim	Date	Page no.	Signature
1	 Write C# programs for understanding C# basics a) Create a C# program to demonstrate Variable and Data type along with Conditional Logic b) Write a C# program to demonstrate Object Manipulation, Loops and Method 	09/01/23	4	
2	Write a C# program to demonstrate a. Program using classes, b. Constructor and Function Overloading, c. Inheritance, d. Namespaces	16/01/23	5	
3	Design ASP.NET Pages with a) Server controls. b) Web controls and demonstrate the use of AutoPostBack c) Rich Controls (Calendar / Ad Rotator)	23/01/23	7	
4	Perform the following activities a) Design ASP.NET page and perform validation using various Validation Controls b) Design ASP.NET Pages with various Navigation Controls	06/02/23	8	
5	Design ASP.NET Pages for State Management a. Cookies b. Session State c. Application State	13/02/23	16	
6	Performing ADO.NET data access in ASP.NET for a. Single-Value Data Binding b. Repeated Value Data Binding c. Simple Data Binding d. SQL Data Binding	20/02/23	21	
7	Design ASP.NET application for Interacting (Reading / Writing) with XML documents	27/02/23	28	
8	Design ASP.NET Pages for Performance improvement using Caching	27/02/23	31	
9	Design ASP.NET application to query a Database using LINQ	06/03/23	34	
10	Design and use AJAX based ASP.NET pages	06/03/23	36	



S.I.E.S College of Arts. Science and Commerce (Autonomous) Sion(W), Mumbai – 400 022.

CERTIFICATE

This is to certify that Mr. / Miss. NADAR KIBSON SAMUEL P JOSEPH
Roll No. SCS2223049 has successfully completed the necessary course of experiments in subject of DOTNET TECHNOLOGIES during the academic year 2022 – 2023 complying with the requirements for the course of S.Y.BSc Computer Science [Semester-IV]

Prof. In-Charge
Shivani Deoopa
(DOTNET TECHNOLOGIES) Examination Date:

HOD's Signature & Date: Dr. Manoj Singh

College Seal & Date



S.I.E.S College of Arts, Science and Commerce (Autonomous) Sion(W), Mumbai – 400 022.

CERTIFICATE

This is to certify that Mr. / Miss. <u>NADAR KIBSON SAMUEL P JOSEPH</u>
Roll No. <u>SCS2223049</u> has successfully completed the necessary course of experiments in subject of <u>Advanced Java</u> during the academic year 2022 – 2023 complying with the requirements for the course of S.Y.BSc Computer Science [Semester-IV]

Prof. In-Charge Taranum Shaikh (Advanced Java)

Examination Date:

HOD's Signature & Date: Dr. Manoj Singh

College Seal & Date