

35257 – COMPONENT BASED TECHNOLOGY PRACTICAL

DETAILED SYLLABUS

OBJECTIVES

- On completion of the following exercises, the students must be able to
- Develop and execute simple programs using C#.NET
- Understand the concepts of event handlers.
- Know the usage of various C#.Net controls
- Create C#.NET applications using menus.
- Access SQL database by using ADO.NET
- Use Form controls.
- Create Window applications using C#.NET form controls
- Develop XML database handling methodologies
- Accept a character from console and check the case of the character.

LIST OF EXPERIMENTS

PART-A

1. Accept a character from console and check the case of the character.
2. Write a program to accept any character from keyboard and display whether it is vowel or not.
3. Write a program to accept a string and convert the case of the characters.
4. Develop a menu based application to implement a text editor with cut, copy, paste, save and close operations
5. Write a program to implement a calculator with memory and recall operations.
6. Develop a form in to pick a date from Calendar control and display the day, month,year details in separate text boxes.
7. Develop a application to perform timer based quiz of 10 questions.
8. Develop a application using the File and Directory controls to implement a common dialog box
9. Develop a database application to store the details of students using ADO.NET
10. Develop a database application using ADO.NET to insert, modify, update and delete operations.
11. Develop a application using Data grid to display records.
12. Develop a application using Data grid to add, edit and modify records.

PART-B

1. Develop a application to read the details of the selected country stored in XML database and display back to the user
2. Develop a Window application to read an XML document containing subject, mark scored, year of passing into a Dataset
3. Develop a Window application to read an XML document containing employee name,code,Basic pay, HRA, DA into a Dataset
4. Develop a Window application to read employee records from Database and generate XML document containing employee records
5. Develop a Window application to read students records from Database using ADO.NET and generate XML document containing students records