**Topics for ATE Course on WPF**

1. WPF Introduction in Visual studio.
2. WPF Resources.
3. WPF Styles
4. WPF Style Inheritance.
5. WPF Triggers and its types.
6. Logical and Visual Tree in WPF.
7. WPF Layouts
8. WPF Dependency Properties and custom creation (All possibilities with examples).
9. WPF Attached Properties (All possibilities with examples).
10. WPF Data Binding Modes
11. WPF Control Templates
12. WPF Data Context Property
13. WPF DataTemplates (All possibilities with examples)
14. WPF Routed Events
15. WPF Understanding INotifyProperyChanged
16. WPF MVVM Concept and implementation
17. WPF Commands
18. WPF Value Converters(All possibilities with examples)
19. WPF IDataErrorInterface
20. WPF User Control
21. WPF Custom Control
22. WPF Dispatcher
23. WPF DataGrid
24. WPF ListGrid
25. ObservableCollection
26. BackGround Worker
27. Some WPF Useful Toolboxes
28. AvalonDock
29. WPF prject(Inclusing, menustrip, ToolBox, Creating, Opening and Saving of project. Dag and Drop of User Controls with adorner control to the screen page, Linking of that Control to mysql Database for the propertychanged )
30. WPF AdornerControls
31. WPF Projects (2 Sample projects will be provided (DiagramDesignerproj and AvalonDockMVVMSampleCode). Need to explain the how the code flow is happening and what the code is actually doing)
32. Any other topic as per faculty in WPF.

Note: All topics must be provided with examples