SUMMARY OF LESSON PLAN OF COLLEGE FACULTY

Semester: Even c++

Subject : object oriented programming using

For the month of February to May

Class : - M.sc math (1st semester)

Name of Assistant Professor: Mrs. Nischal Sharma

No.	Month	Topic /Chapter to be covered	Academic activities to be organised	Topic of Assignment / Test to be given to students
	21 Feb to 28Feb	1. Structure of c++ programming: data-type, variable ,static variables, operators inc++ array, string, function, recursion ,control statement Introduction to class: class definition, class and object ,access specifier, private public and protected ,member function of the class constructor and destructor, parameter copy constructor .		
	March	**Inheritance:** reusability, type of inheritance ,single inheritance,multiple, hybrid inheritance ,public private and protected derivation ,using drived class constructor and structure and drived class ,object initialization and conversion, nested class virtual inheritance and virtual based class.		**Test topic:-** data type, function, statements ,inheritance.
	April	**Polymorphism:-**function overloading, static class ,member static member function friend function ,operator overloading and binary operator ,overloading abstract class virtual function, pure virtual function, overloading and overriding, memory management, new ,delete ,object, creation at run time, the pointer		**Test topic:-**function overloading ,function, memory management,virtual function overloading
	May	**Template:-** introduction class templates and function templates overloading of template function name space introduction to sdl standard template library benefit of STL containers adaptors vector list		**Test topic:-**templates, list ,class templates and function

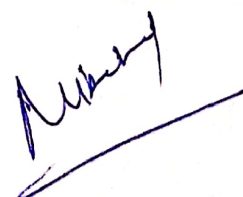# SUMMARY OF LESSON PLAN OF COLLEGE FACULTY

Semester: odd

Class: M.scMaths (1st sem)

For the month of September to December

Subject: Office Automation tools

Name of Assistant Professor: Mrs. Nischal Sharma

S.No.	Month	Topic /Chapter to be covered	Academic activities to be organised	Topic of Assignment / Test to be given to students
1	October	**Word processing:-**starting word processing software, creating and saving a document ,opening a document ,inserting, selecting copying,moving, deleting and pasting text and doing ,applying italic , underline ,style on text, changing size,colour, and font of text ,using format aline text formatting paragraph, line spacing ,paragraph paragraphspace, before and after paragraph using words, and numbering in paragraph spelling and grammar auto correct, inserting page, number page break ,header and footer ,mail merge. **Spreadsheet:-**starting Excel workbook and worksheet on spreadsheet ,online and ,formatting data in cells cell range math trigonometry ,date and time logical ,text,andstaticalfunction,autisum,inserting and deleting rows,column, and sells merge and centre.		**Test topic:-** word processing
2	November	Spreadsheet:-creating chart, and changing column with row height, using if function , sorting data ,and filtering data. **Function lookup and reference function:-**database function, information using conditional formatting with multiple cells, rule creating new rules, and managing existing rolls, creating pivot table,changing and updating data range, formatting pivot table ,and making dynamic pivot charts.		**Test topic:-** Spreadsheet,pivot table ,chart , database function
3	December	**Presentation Designing:-** starting presentation software, creating new presentations, adding slides ,anchoring and editing text in slides ,formatting text and paragraph, inserting a picture ,clipart and screenshot, inserting chart ,shapes,word, art ,textbox, inserting table PowerPoint, views slide ,shows slide, transmission effect ,animation, inserting video and audio ,printing presentation slides	1.Poster making competition 2. Educational Trip	**Test topic:** presentation Designing

SUMMARY OF LESSON PLAN OF COLLEGE FACULTY

Semester: Odd

For the month of July to November

Subject: Computer Application in Business

Class: B.Com 1st Sem

Name of Assistant Professor: Mrs.Nischal

S.No.	Month	Topic /Chapter to be covered	Academic activity to be organized	Topic of Assignment / Test to be given to students
1	September	introduction to computers :definitions, components and characteristics of computer, input and output devices :memory and mass storage de vices, introduction to modern CPU and processor.	Oral Test	
2	October	computer software: introduction ,types of software systems, application and utilities software ,programming languages:	Photography Competition (10-10-2022)	**Assignment 1-** Mass storage device, Computer Components.
3	November	Introduction to operating systematic, type and functions of operating systematic, real time applications: operating system for Tabs ,mobile phone, Android etc ;open source of software : An overview		**Assignment 2-** Operating System , Programming Language
4	December	Application software: spreadsheet ,word processor ,database management software; network basic, type of networks, topologies, media, hardware and software required for networking.	One day Seminar (08-12-2022).	**Test-** Introduction to operating systematic, type and functions of operating systematic, real time applications: operating system for Tabs ,mobile phone, Android