

# LESSON PLAN

SUB: COMPUTER APPLICATION PRACTICAL

BRANCH:- MECHANICAL ENGG.

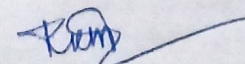
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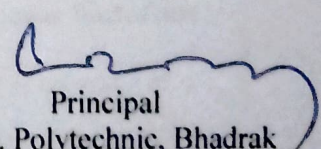
NAME OF FACULTY: Prafulla Kumar Munda(Lect. in CSE)



**GOVERNMENT POLYTECHNIC,  
BHADRAK**

  
Hod, Math&Sc

  
Academic Co-ordinator

  
Principal  
Govt. Polytechnic, Bhadrak



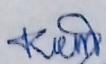
Discipline: Mechanical Engg.	Semester: 1 <sup>st</sup>	Name of the Teaching Faculty : Prafulla Kumar Munda
Subject: Computer Application Practical	No. of Days/per week class allotted:4	Semester from date: 25.10.2022 To Date: 30.01.2023  No. of Weeks:16
Week	Class Day	Practical
1 <sup>st</sup>	1 <sup>st</sup>	Identifcation of Components of Computer
	2 <sup>nd</sup>	Booting Process,switch ON ,Shutdown and restart of Computer
	3 <sup>rd</sup>	Components and Information of keyboard
	4 <sup>th</sup>	Identification of types of Cabinet and front and back panel of cabinet
2 <sup>nd</sup>	1 <sup>st</sup>	To identify different power supply ,form factor of personal Computer
	2 <sup>nd</sup>	To identify different components and different ports present in motherboard
	3 <sup>rd</sup>	To identify different comporents and different ports present in motherboard
	4 <sup>th</sup>	Form factor,chipset and processor socket
3 <sup>rd</sup>	1 <sup>st</sup>	To identify different types of connection in motherboard
	2 <sup>nd</sup>	To identify different types of connection in motherboard
	3 <sup>rd</sup>	To identify cooling fan in motherboard and system
	4 <sup>th</sup>	To study about RAM and ROM
4 <sup>th</sup>	1 <sup>st</sup>	Expansion slot present in the system
	2 <sup>nd</sup>	SATA AND PATA connection
	3 <sup>rd</sup>	To study about different types of adapter and converters
	4 <sup>th</sup>	Study about assembling different parts of computer
5 <sup>th</sup>	1 <sup>st</sup>	To study about different types of safety measures
	2 <sup>nd</sup>	To study about different types of power fluctuation and power protection devices
	3 <sup>rd</sup>	The procedure for proper disposal or recycling of hazardous computer
	4 <sup>th</sup>	Study of general lab tools ,disk management tool



6 <sup>th</sup>	1 <sup>st</sup>	To study about basic DOS commands
	2 <sup>nd</sup>	Basic DOS commands and Their Uses
	3 <sup>rd</sup>	To study about Basic WINDOWS operation
	4 <sup>th</sup>	To study basic mouse operation
7 <sup>th</sup>	1 <sup>st</sup>	File ,folder and windows keyboard shortcut
	2 <sup>nd</sup>	Study basic windows explorer and utilities
	3 <sup>rd</sup>	Installation and configuration of windows operating system
	4 <sup>th</sup>	Quick format and full format
8 <sup>th</sup>	1 <sup>st</sup>	Study Microsoft word
	2 <sup>nd</sup>	Allignment documents
	3 <sup>rd</sup>	Creating document and create table
	4 <sup>th</sup>	Keyboard shortcut key
9 <sup>th</sup>	1 <sup>st</sup>	Study of all tabs present in MS word
	2 <sup>nd</sup>	Create document and Table
	3 <sup>rd</sup>	Study of MS Excel
	4 <sup>th</sup>	MS Excel all tab
10 <sup>th</sup>	1 <sup>st</sup>	Excel formula based Calculation
	2 <sup>nd</sup>	Selection and filtering
	3 <sup>rd</sup>	Create Students details using Excel
	4 <sup>th</sup>	Study of MS Powerpoint
11 <sup>th</sup>	1 <sup>st</sup>	Slide management ,Image Editing
	2 <sup>nd</sup>	Study of easy powerpoint presentation
	3 <sup>rd</sup>	Create PPT Using Powerpoint
	4 <sup>th</sup>	Getting acquainted with internet connection and browser



12 <sup>th</sup>	1 <sup>st</sup>	Website,URL.HTTP and WWW
	2 <sup>nd</sup>	Net browsing with browser
	3 <sup>rd</sup>	Creating E-mail Id
	4 <sup>th</sup>	Sending and receiving e-mail
13 <sup>th</sup>	1 <sup>st</sup>	Composing email and chatting
	2 <sup>nd</sup>	Basic Idea of C programming and To print name using C Programming
	3 <sup>rd</sup>	Program in C to find the greatest among three numbers
	4 <sup>th</sup>	Program in C to the average of N numbers by using for loop
14 <sup>th</sup>	1 <sup>st</sup>	Program in C to determine whether a number is prime or not.
	2 <sup>nd</sup>	Program to convert temperature from centigrade to fahrenheit
	3 <sup>rd</sup>	Program to convert temperature from Fahrenheit to centigrade
	4 <sup>th</sup>	Program to check whether a number is armstrong or not.
15 <sup>th</sup>	1 <sup>st</sup>	Program to check whether a number is palindrome or not.
	2 <sup>nd</sup>	Program to compute the sine series
	3 <sup>rd</sup>	Program to accept row wise and column wise element in a two dimensional array and print them
	4 <sup>th</sup>	Program in C to find the vowel in a given string
16 <sup>th</sup>	1 <sup>st</sup>	Program in C to find factorial of a number by using recursion
	2 <sup>nd</sup>	Program in C to find the Sum of Fibonacci series by using function
	3 <sup>rd</sup>	Program in C to accept a number from keyboard and print it in a reverse order of entry
	4 <sup>th</sup>	Program in C to display pyramidal structure

  
 Signature of Faculty