GOVERNMENT GIRLS POLYTECHNIC ALMORA

DEPARTMENT OF COMPUTER SCIENCE AND ENGG.

COURSE NAME : COMPUTER NETWORK AND SECURITY

COURSE OUTCOME

By the end of the semester the student will be able to

Course Name	C 207 – COMPUTER NETWORK AND SECURITY	Course Year	2022-2023	Semester	4
CO207.1	Identify the security threats.				
CO207.2	Understand the security policies.				
CO207.3	Knowledge about the security tools.				
CO207.4	Understand the Network Security and Cryptography.				
CO207.5	Understand the Cyber Security and I.T. Act.				

Mapping of course outcome with program Names and program specific outcome:

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO207.1	1	1	-	-	2	1	2	2	
CO207.2	1	1	-	-	2	1	2	2	
CO207.3	1	1	-	-	2	1	2	2	
CO207.4	1	1	-	-	2	2	2	2	
CO207.5	1	1	-	-	2	2	2	2	
Average	1	1			2	1.4	2	2	

COURSE NAME : COMPUTER SYSTEM ORGANIZATION AND ARCHITECTURE

COURSE OUTCOME

By the end of the semester the student will be able to

Course Name	C 208 – COMPUTER SYSTEM ORGANIZATION AND ARCHITECTURE	Course Year	2022-2023	Semester	4
CO208.1	Understand basic of Computer organization & Computer architecture concepts.				
CO208.2	Uderstand of different register transfer & instruction types & arithmetic operations.				
CO208.3	Develop a detailed understanding of architecture & functionality of central processing unit.				
CO208.4	Design arithmetic & logical operations with integer & floating point operands.				
CO208.5	Understand I/O devices communicating with processing unit and also knowing the characteristics of multi processos.				

Mapping of course outcome with program Names and program specific Names:

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO208.1	1	-	-	-	-	1	-	2	
CO208.2	1	-	-	-	-	2	-	2	
CO208.3	1	2	-	-	-	2	-	2	
CO208.4	1	2	-	-	-	2	-	2	
CO208.5	1	2	-	-	-	2	-	2	
Average	1	1.2				1.8		2	

COURSE NAME: DATA STRUCTURE USING C

COURSE OUTCOME

By the end of the semester the student will be able to

Course Name	C 209– DATA STRUCTURE USING C	Course Year	2022-2023	Semester	4
CO209.1	To impart the basic concepts of data structures and algorithms.				
CO209.2	To understand concepts about searching and sorting techniques.				
CO209.3	To Understand basic concepts about stacks, queues, lists, trees, and graphs.				
CO209.4	To understanding about writing algorithms and step by step approach in solving problems with the help of fundamental data structures.				
CO209.5	To impart the basic concepts of data structures and algorithms.				

Mapping of course outcome with program Names and program specific Names:

COS	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO209.1	3	1	1	1	2	2	3	2	2
CO209.2	2	2	2	2	2	2	3	2	2
CO209.3	2	2	3	2	2	2	3	3	2
CO209.4	2	3	3	2	2	3	2	3	2
Average	2.25	2	2.25	1.75	2	2.25	2.75	2.5	2

COURSE NAME : INTERNET AND WEB TECHNOLOGY

COURSE OUTCOME

By the end of the semester the student will be able to

Course Name	C 210– INTERNET AND WEB TECHNOLOGY	Course Year	2022-2023	Semester	4
CO210.1	Explain the history of the internet and related internet concepts that are vital in understanding web development				
CO210.2	Demonstrate the important HTML tags for designing static pages				
CO210.3	Demonstrate the important HTML5 tags for designing static pages and separate design from content using Cascading Style sheet				
CO210.4	Define client-side programming and Utilize the concepts of JavaScript and Java				
CO210.5	Define server-side programming and develop web form using java server pages				

Mapping of course outcome with program Names and program specific Names:

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO210.1	1	2	-	-	1	-	1	-	-
CO210.2	1	2	-	2	1	1	1	-	-
CO210.3	1	2	2	2	1	2	1	-	-
CO210.4	1	3	3	3	1	3	3	2	-
CO210.5	1	3	3	3	1	3	3	2	-
Average	1	2.4	2.6	2	1	1.8	1.8	0.8	

COURSE NAME : RELATIONAL DATABASE MANAGEMENT SYSTEM

COURSE OUTCOME

By the end of the semester the student will be able to

Course Name	C 211– RELATIONAL DATABASE MANAGEMENT SYSTEM	Course Year	2022-2023	Semester	4
CO211.1	Understand the basic principles of Database Management System.				
CO211.2	Identify the basic concepts & various Data Model used in Database design ER Modeling				
CO211.3	Describe transaction Processing & Concurrency control Concepts				
CO211.4	Recognize and identigy the use of normalization and functional dependency.				
CO211.5	Write SQL queries for a given context in Relational Database				

Mapping of course outcome with program Names and program specific Names:

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PSO7	PSO1	PSO2	PSO3
CO211.1	3	3	3	3	3	3	3	-	-	-
CO211.2	3	3	2	2	2	2	3	-	-	-
CO211.3	3	2	1	1	1	1	2	-	-	-
CO211.4	2	2	2	2	1	2	2	-	-	-
CO211.5	3	2	2	2	2	2	2	-	-	-
Average	2.8	2.4	2	2	1.8	2	2.4			

COURSE NAME : OBJECT ORIENTED CONCEPTS

COURSE OUTCOME

By the end of the semester the student will be able to

Course Name	C 212– OBJECT ORIENTED CONCEPTS	Course Year	2022-2023	Semester	4
CO212.1	Define the concept of variables, data types ,operators and control statements.				
CO212.2	Differentiate between - 1) Structured programming and Procedure-Oriented programming. 2) Entry control and exit control loop.				
CO212.3	Explain and implement the concepts of OOPL.				
CO212.4	Apply the concepts of reusability by using inheritance and functions.				
CO212.5	Explain the concept and operations of files and streams.				
CO212.6	Create and explain Basic C++ Program .				

Mapping of course outcome with program Names and program specific Names:

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO212.1	1	-	-	-	-	-	1	-	-
CO212.2	1	-	-	-	-	-	1	-	-
CO212.3	1	3	2	3	-	2	1	-	-
CO212.4	1	3	2	3	-	2	1	-	-
CO212.5	1	-	2	3	-	2	1	-	-
CO212.6	1	3	2	2	-	2	1	-	-
Average	1	1.5	1.3	1.8	-	1.3	1	-	-