GOVERNMENT GIRLS POLYTECHNIC ALMORA

COURSE NAME : ENGLISH AND COMMUNICATION SKILL-II COURSE OUTCOME

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

Course Name	C 107 – ENGLISH AND COMMUNICATION SKILL-II	Course Year	2022-2023	Semester	2			
CO107.1	Read and comprehend texts from simple to moderate levels of difficulty.							
CO107.2	Write specific formats like circular, notice agenda and minutes, e-mails resur	Write specific formats like circular, notices, press release, memo, agenda and minutes, e-mails resume.						
CO107.3	To communicate ideas with moderate flue listeners.	ency at speech	n to their fellow	,				
CO107.4	To listen and understand the spoken comm	To listen and understand the spoken communication of fellow workers						
CO107.5	To learn vocabulary and pronunciation.							

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO107.1	-	-	-	-	-	3	2	-	-
CO107.2	-	-	-	-	-	2	2	-	-
CO107.3	2	2	2	2	2	3	3	-	-
CO107.4	-	2	2	2	2	3	3	-	-
CO107.5	3	3	3	3	3	3	3	-	-
Average	1	1.4	1.4	1.4	1.4	2.8	2.6	-	-

COURSE NAME: APPLIED MATHEMATICS-II

COURSE OUTCOME

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

Course Name	C 108 – APPLIED MATHEMATICS-II	Course Year	2022-2023	Semester	2			
CO108.1	Apply the concepts of coordinate geometr	y to solve ele	ementary Engin	eering proble	ms.			
CO108.2	Solve the given problems of indefinite and and properties.	Solve the given problems of indefinite and definite integration using suitable methods and properties.						
CO108.3	Apply the concept of integration to find a	rea and volu	ne.					
CO108.4	Form and Solve differential equations of	first order						
CO108.5	Apply basic concepts of Statistics to solve	e engineering	related problem	ns.				

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO108.1	3	3	3	1	2	-	1	-	-
CO108.2	3	3	3	1	2	-	1	-	-
CO108.3	3	3	3	1	2	-	1	-	-
CO108.4	3	3	3	1	2	-	1	-	-
CO108.5	3	3	3	1	2	-	1	-	-
Average	3	3	3	1	2	-	1	-	-

COURSE NAME: APPLIED PHYSICS-II

COURSE OUTCOME

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

Course Name	C 109– APPLIED PHYSICS-II	Course Year	2022-2023	Semester	2				
CO109.1		Apply the basic concepts, facts, principles, theorems and laws of Physics and its significance to solve engineering related problems and technological advances.							
CO109.2		escribe conditions for total internal reflection, refractive index of given material and aracterize basic optical laws & phenomena to establish the location of the images rmed by mirrors and thin con-verging lens							
CO109.3	Apply the concepts of electrostatics, electrostatics apacitance for engineering applications a given electrical circuit and solve simple p	and determine			ι				
CO109.4	Apply the knowledge of diodes in rectifi and various electronic circuits.	ers, transistor	r in amplifires p	ower adapters	1				
CO109.5	Describe principles of photoelectric effects system & optical devices and their proper			arious LASEI	₹				

COS	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO109.1	3	-	-	-	-	-	-	-	-
CO109.2	3	-	-	-	-	-	-	-	-
CO109.3	3	-	-	-	-	-	-	-	-
CO109.4	3	-	-	-	-	-	-	-	-
CO109.5	3	-	-	-	-	-	-	-	-
Average	3	-	-	-	-	-	-	-	-

COURSE NAME: APPLIED CHEMISTRY-II

COURSE OUTCOME

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

Course Name	C 110– APPLIED CHEMISTRY-II	Course Year	2022-2023	Semester	2			
CO110.1	Inderstand the basic concepts of material science, engineering materials, metallurgy nd alloys with their applications.							
CO110.2	Acquire the knowledge of fossil fuels and applications.	acquire the knowledge of fossil fuels and derived fuels with their properties and applications.						
CO110.3	Illustrate the principles involved in corro of different metals from corrosion	osion and appl	ly their knowle	dge for protect	ion			
CO110.4	Understand characteristics, types and purpose for engineering needs.	Understand characteristics, types and purpose of lubricants to identify and select them						
CO110.5	Understand and explain classification and	nomenclatur	e of organic co	mpounds.				

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO110.1	3	3	1	2	1	-	2	-	-
CO110.2	3	2	3	2	2	-	2	-	-
CO110.3	3	3	3	2	2	-	2	-	-
CO110.4	3	3	3	2	2	-	2	-	-
CO110.5	3	2	1	2	1	-	2	-	-
Average	3	6.5	5.5	2	1.6	-	2	-	-

COURSE NAME : ENVIORNMENTAL SCIENCE AND ENERGY MANAGEMENT

COURSE OUTCOME

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

Course Name	C 111- ENVIORNMENTAL SCIENCE AND ENERGY MANAGEMENT	Course Year	2022-2023	Semester	2			
CO111.1	Understand the significance of Environment, Ecosystem and available natural resources to cater to the needs of future generation.							
CO111.2	Categorize different types of Pollution, th	Categorize different types of Pollution, their prevention and mitigation.						
CO111.3	Demonstrate a comprehensive understand related environmental acts & policies for			ial issues and				
CO111.4	Understand the importance of energy aud and sustainable development.	it & use of no	on conventional	energy efficie	ncy			

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO111.1	3	-	-	-	3	1	3	-	-
CO111.2	3	3	3	2	3	2	3	-	-
CO111.3	3	-	-	-	3	-	3	-	-
CO111.4	3	3	3	3	3	2	3	-	-
Average	3	1.5	1.5	1.25	3	1.25	3	-	-

COURSE NAME: ENGINEERING GRAPHICS-II

COURSE OUTCOME

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

Course Name	C 112- ENGINEERING GRAPHICS -II	Course Year	2022-2023	Semester	2				
CO112.1	Understand different concepts of sectioning	Inderstand different concepts of sectioning and 3-D representations of objects							
CO112.2	Understand the concept to draw the basic SURFACES.	views related	to DEVELOP	MENT OF					
CO112.3	Sketch the different type of THREADS.	Sketch the different type of THREADS.							
CO112.4	Sketch the different type of NUTS AND I	BOLTS							
CO112.5	Sketch the different type of SCREWS, ST	UDS AND V	VASHERS						
CO112.6	Understand different concepts of KNUCK	Understand different concepts of KNUCKLE JOINT & COTTERS JOINTS.							
CO112.7	Understand the concept to draw the basic LAP JOINT, BUTT JOINT &MUFF OR				IG				

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2
CO112.1	3	3	3	-	2	-	1	-	-
CO112.2	3	3	3	-	2	-	1	-	-
CO112.3	3	3	3	-	2	-	1	-	-
CO112.4	3	3	3	-	2	-	1	-	-
CO112.5	3	3	3	-	2	-	1	-	-
CO112.6	3	3	3	-	2	-	1	-	-
CO112.7	3	3	3	-	2	-	1	-	-
Average	3	3	3	-	2	-	1	-	-