Lesson plan. session:- 2023-24

Name of assistant professor Subhash Chander

Department Geography

Class: B.A

Sem. : 2nd

Subject : Physical Geography –I (Theory)

Sr. No.	Week	Name of Topic
		Definition, Nature, scope and fields of Physical
1	week 1 (1-6 Jan.)	Geography.
2	week 2 (7-14 Jan)	Interior of the earth.
3	week 3 (15-21 Jan)	Geological time scale and rocks.
4	week 4 (23-29 Jan)	Earth movements; folds and faults.
5	week 5 (31 Jan -5 Feb)	earth quakes and volcanoes.
6	week 6 (7-13 Feb)	Theory of Isostasy.
7	week 7 (15-21 Feb.)	Wegner 's continental drift theory.
8	week 8 (23-29 Feb.)	Plate tectonic theory.
9	week 9 (1-6 March)	Weathering; processes and its types.
10	week 10 (8-14 March)	Mass-movements; causes, its types and impacts.
		Cycle of erosion; concepts and theories of W.M.
11	week 11 (16-22 March)	Davis.
12	week 12 (24-30 March)	Cycle of erosion; concepts : Penck.
13	week 13 (1-6 April)	Processes and landforms of : Wind, River.
14	week 14 (8-14 April)	Processes and landforms : Underground water.
15	week 15 (16-22 April)	Processes and landforms : Glaciers.
16	week 16 (24-30 April)	Revision
17	week 17	



Lesson plan. session:- 2023-24

Name of Assistant Professor Subhash Chander

Department Geography

Class : B.A Sem. : 2nd (Practical)

Subject : 104: Representation of Physical Features

Sr.		
No.	Week	Name of Taxia
1	week 1 (1-6 Jan.)	Introduction to Topographical Sheets India and adjacent countries
2	week 2 (7-14 Jan)	Degree Sheet, Half Degree Sheet, Quarter Degree Sheet Exercises
3	week 3 (15-21 Jan)	Conventional Signs - Exercises 1
4	week 4 (23-29 Jan)	Methods of representing relief
5	week 5 (31 Jan -5 Feb)	Slopes (Concave, convex, undulating and terraced) - Exercises 1
6	week 6 (7-13 Feb)	Valleys (V Shaped, U shaped, Gorge, Re-entrant) - Exercises 1
7	week 7 (15-21 Feb.)	Ridges (Conical hill, Volcanic hill, Plateau, Escarpment) - Exercises 2
8	week 8 (23-29 Feb.)	Complex features (waterfall, sea cliff, overhanging cliff, Fiord coast) - Exercises 2
9	week 9 (1-6 March)	Drawing of Profiles
10	week 10 (8-14 March)	Cross Profiles: Serial- Exercises 1
11	week 11 (16-22 March)	Superimposed Profile- Exercises 1
12	week 12 (24-30 March)	Projected Profile, composite profiles - Exercises 2
13	week 13 (1-6 April)	Longitudinal profiles Exercises 1
14	week 14 (8-14 April)	Chain and Tape Survey-Exercises 1
15	week 15 (16-22 April)	Chain and Tape Survey-Exercises 1
16	week 16 (24-30 April)	Revision
17	week 17	

Sign. of Assistant Prof.

Lesson plan. session:- 2023-24

Name of assistant professor Neelam

Department Geography

Class: B.A Sem. : 4th

Subject : GEOG 203 : Human Geography

Sr.		
No.	Week	Name of Topic
1		
		Nature and scope of Human Geography, Branches of Human
2	week 1 (6-14 Jan)	Geography, Approaches to the study of Human Geography.
		Division of Mankind: Spatial distribution of race of India; concept
3	week 2 (15-21 Jan)	of men-environment relation: A historical approach.
		Human adaptation to the environment (i) Cold region – Eskimo
4	week 3 (23-29 Jan)	(ii) Hot region- Bushman
		Human adaptation to the environment(iii) Plateau – Gonds (iv)
5	week 4 (31 Jan -5 Feb)	Mountains – Gujjars
		Meaning, nature and components of resources; Classification of
6	week 5 (7-13 Feb)	resources – renewal and non- renewable.
		Classification of resources :Biotic and aboitic, recyclable and non
7	week 6 (15-21 Feb.)	recyclable.
8	week 7 (23-29 Feb.)	Distribution and density of world population, population growth.
9	week 8 (1-6 March)	Demographic Transition Model.
		Concept of over, under and optimum population; Population
10	week 9 (8-14 March)	theories: Malthus. Population theories: Ricardo and Marx.
11	week 10 (16-22 March)	Rural settlements: Meaning, classification and types.
12	week 11 (24-30 March)	Urban settlements: Origin, classification and functions of towns.
13	week 12 (1-6 April)	Problems of urbanization in India.
		Population pressure, resource use and environment
14	week 13 (8-14 April)	degradation; sustainable development,
15	week 14 (16-22 April)	Concept of deforestation, soil erosion, air and water pollution.
16	week 15 (24-30 April)	Revision
17	week 16	

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Sign. of Assistant Prof.

Lesson plan. session:- 2023-24

Name of Assistant Professor Neelam

Department Geography

Class : B.A Sem. : 4th (Practical)

Subject : GEOG(P) 204 : Map Projections

Sr.		truit
No.	Week	Name of Topic
		Introduction to Map Projection: Meaning, Classification
		and importance Characteristics of latitudes and
1	week 1 (7-14 Jan)	longitudes lines.
		Cylindrical projections : Characteristics applications and
2	week 2 (15-21 Jan)	drawing; Simple cylindrical projection - Exercises 1
3	week 3 (23-29 Jan)	Cylindrical equal area projection Exercises 1
		True shape or orthomorphic or Mercator's Projection
4	week 4 (31 Jan -5 Feb)	Exercises 1
		Conical Projections: Simple conical projections with one
5	week 5 (7-13 Feb)	standard parallel - Exercises 1
-		Simple conical projection with two standard parallel -
6	week 6 (15-21 Feb.)	Exercises 1
7	week 7 (23-29 Feb.)	Bonne's Projection - Exercises 1
8	week 8 (1-6 March)	Polyconic projection Exercises 1
9	week 9 (8-14 March)	International Map Projection Exercises 1
	,	Zenithal Projections: Polar Zenithal Equidistant
10	week 10 (16-22 March)	Projection - Exercises 1
10		Polar Zenithal Equal Area Projection, Polar Zenithal
11	week 11 (24-30 March)	Gnomonic Projection - Exercises 2
		Polar Zenithal Stereographic Projection, Polar Zenithal
12	week 12 (1-6 April)	Orthographic Projection - Exercises 2
		Sinosoidal Projections. Mollweide Projections - Exercises
13	week 13 (8-14 April)	2
14	week 14 (16-22 April)	Plane Table Survey Exercises 2
15	week 15 (24-30 April)	Revision
16	week 16	
17	week 17	

Sign. of Assistant Prof.

Lesson plan. session:- 2023-24

Name of Assistant Professor Subhash Chander

Department Geography

Class : B.A Sem. : 6th

Subject : GEOG 303 : Introduction to Remote Sensing, GIS & Quantitative Methods

Sr.		
No.	Week	Name of Tonic
1	week 1 (1-6 Jan.)	Introduction to Aerial Photographs: their advantages and types
2	week 2 (7-14 Jan)	Elements of aerial Photo interpretation
3	week 3 (15-21 Jan)	Basic of Remote Songing (Electromagnetic Spectrum)
4	week 4 (23-29 Jan)	Remote Sensing (Electromagnetic Spectrum)
	week 5 (31 Jan - 5	Remote Sensing .Sensors and Platform, Resolution and Types)
5	Feb)	Development of Pomoto Sensing Technology, Type (1
	,	Remote Sensing Tochnology uses in Natural and
6	week 6 (7-13 Feb)	management India
		Introduction to Geographical Information Systems D. G. W.
7	week 7 (15-21 Feb.)	purpose
	, , , ,	Geographical Information System: Advantages and a fi
8	week 8 (23-29 Feb.)	hardware requirements
9	week 9 (1-6 March)	Application of GIS in various fields of goography
	week 10 (8-14	appression of old in various netus of geography.
10	March)	Measure of Central Tendency: Mean
	week 11 (16-22	in contrain reliacincy. Mean,
11	March)	Central Tendency :Median and Mode
	week 12 (24-30	
12	March)	Measure of Dispersion: Range, Quartile deviation
13	week 13 (1-6 April)	Mean deviation, Standard deviation
14	week 14 (8-14 April)	Coefficient of variation.
	week 15 (16-22 April	
15)	Revision
	week 16 (24-30 April	
16)	Revision
17	week 17	

Sign. of Assistant Prof.

Lesson plan. session:- 2023-24 Name of Assistant Professor Subhash Chander& Neelam

Department Geography

Class: B.A Sem. : 6th (Practical)

Subject : GEOG(P) 304 : Remote Sensing and Field Survey Report

Sr.	Week	Name of Topic
NO.	WEEK	Demarcation of Principal Point, Conjugate Principal point
1	week 1 (1-6 Jan)	ANDFlight line on Aerial Photographs
1	Week I (I O Jan.)	Demarcation of Principal Point, Conjugate Principal point–1
2	week 2 (7-14 Jan)	Exercise
2	week 3 (15-21 Jan)	Flight line on Aerial Photographs – 1 Exercise
1	week 4 (23-29 Jan)	Determination of Scale of Aerial Photographs
5	week 5 (31 Jan - 5 Feb)	Determination of Scale of Aerial Photographs – 1 Exercise.
6	week 6 (7-13 Feb)	Interpretation of Single Vertical Photographs
7	week 7 (15-21 Feb.)	Interpretation of Single Vertical Photographs – 1 Exercise
2	week 8 (23-29 Feb.)	Use of Stereoscope and Identification of Features
0	Weeko (20 20 20)	Use of Stereoscope and Identification of Features – 1
9	week 9 (1-6 March)	Exercise.
10	week 10 (8-14 March)	Identification of Features on IRSID, LISS III imagery
10		Identification of Features on IRSID, LISS III imagery (Mark
11	week 11 (16-22 March)	copy of FCC) -1 Exercise.
12	week 12 (24-30 March)	Socio-economic Survey and Report Writing
12	week 13 (1-6 April)	Socio-economic Survey and Report Writing
1/	week 14 (8-14 April)	Field Survey Report
14	week 15 (16-22 April)	Field Survey Report
16	week 16 (24-30 April)	Revision
10	week 10 (24-50 April)	
17	WEEK 1/	\bigcap \bigcap
		and And Alth Drof
		Sign. of Assistant Prof.

Subject : -Environment Studies (Theory)

Sr.	Maak	Name of Topic
No.	vveek	Name of Topic
1	week 1 (1-6 Jan.)	पर्यावरण अध्ययन का बहुविषक स्वरूप, परिभाषा, कार्यक्षेत्र एवं महत्व
2	week 2 (7-14 Jan)	प्राकृतिक संसाधन
3	week 3 (15-21 Jan)	प्राकृतिक संसाधनों का संरक्षण
4	week 4 (23-29 Jan)	पारिस्थितिकी तंत्र की अवधारणा, रचना एवं कार्य, ऊर्जा गतिकी एवं प्रकार
5	week 5 (31 Jan -5 Feb)	पारिस्थितिकी तंत्र में खाद्य प्रणालिया, खाद्य जाल तथा पारिस्थितिकी पिरामिड
6	week 6 (7-13 Feb)	जैव विविधता भूमिका, परिभाषा, प्रकार, भारत का जैव भौगोलिक वर्गीकरण
7	week 7 (15-21 Feb.)	जैव विविधता का महत्व एवं संरक्षण
8	week 8 (23-29 Feb.)	पर्यावरण प्रदूषण परिभाषा, कारण, प्रभाव एवं नियंत्रण के तरीके
9	week 9 (1-6 March)	प्राकृतिक आपदाएं, प्रकार, प्रभाव एवं आपदा प्रबंधन
10	week 10 (8-14 March)	प्राकृतिक आपदाएं, प्रकार, प्रभाव एवं आपदा प्रबंधन
11	week 11 (16-22 March)	सामाजिक समस्याएं/प्रश्न एवं पर्यावरण
12	week 12 (24-30 March)	पर्यावरण सुरक्षा विधेयक, पर्यावरण जन चेतना
13	week 13 (1-6 April)	मानव जनसंख्या तथा पर्यावरण
14	week 14 (8-14 April)	क्षेत्र कार्य
15	week 15 (16-22 April)	Revision
16	week 16 (24-30 April)	Revision
17	week 17	

Plan AssistantProf.