

TEACHER'S LESSON PLAN FOR YEAR

Teacher's name	Department	Course	Subjects
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LOCF

SUBJECT NAME	STATISTICAL METHODS IN GEOGRAPHY (PRACTICAL)		B.A. (H) 3 Sem. 2020, 2021	Geography
	Sub Topics of Units			No. of Lectures
UNITS		sub topics		
1	Use of Data in Geography	a. Geographical Data Matrix		6
		b. Significance of Statistical Methods in		6
		c. Sources of Data		6
		d. Scales of Measurement (Nominal, Ordinal, Interval, Ratio).		6
2	Tabulation and Descriptive Statistics	a. Frequency Distribution Table		3
		b. Cross Tabulation		3
		c. Graphical Presentation of Data (Bar diagram, Histograms, Frequency Curve and Cumulative Frequency Curves),		3
		d. Measurement of Central Tendencies (Mean, Median and Mode),		3
		e. Measurement of Partitions (Deciles, Quartiles and		3
		f. Dispersion (Standard Deviation, Variance and Coefficient of Variation).		3
		g. Centro-graphic Techniques (Geographic Centre, Mean Centre of Population, Median points and Median Centre (based on Minimum Aggregate Distance		3
		h. Distance Deviation from the Mean Centre		3
3	Sampling:	a. Sampling :Random		8
		b. Sampling: Systematic		8
		c. Sampling:Stratified		8
4	Theoretical Distribution	a. Concept of Probability Distribution (theory		6
		b. Normal Distribution (Its Characteristics and Application of Area Under Normal Curve)		6
		c. find area under normal curve, Fit Normal curve to the data,		6
		d. plot normal curve with observed and expected frequencies		6
5	Correlation:	a. Rank Correlation		6
		b. Product Moment Correlation		6
		c. Simple Regression		6
		d. Mapping of Residuals from Regression		6

LOCF

Paper:	Field Work and Research Methodology (Practical)	B.A.(H) SEM, 3. 2021	Geography
UNITS	Sub Topics of Units	sub topics	No. of Lectures

1	Field Work In Geographical Studies	a. Role,	2
		b. Value,	2
		c. Data	2
		d. and Ethics of Field-Work	3
		Defining the Field and Identifying the Case Study	
		a. Rural	3
		b. Urban	3
		c. Physical	3
		d. Human	3
		e. Environmental.	3
2	Data Collection	a. Type and Sources of Data	4
		b. Methods of Collection	5
		c. Data Analysis: Qualitative Data Analysis	5
		d. Quantitative Data Analysis	5
		e. Data Representation Techniques.	5
3	Field Techniques –	a. Merits, Demerits and Selection of the Appropriate Technique	4
		b. Observation (Participant / Non Participant),	5
		c. Questionnaires (Open/ Closed / Structured / Non-Structured);	5
		d. Interview with Special Focus on Focused Group Discussions	5
		e. Space Survey (Transects and Quadrants, Constructing a Sketch)	5
4	Use of Field Tools	a. Collection of Material for Physical	12
		b. Socio-Economic Surveys	12
5	Designing the Field Report	a. Aims and Objectives,	6
		b. Methodology,	6
		c. Analysis, Interpretation	6
		d. Writing the Report.	6

TEACHER'S LESSON PLAN 2018-19

Teacher's name: Dr. SHADAB KHAN		Department: GEOGRAPHY	Course: B.A. (H) III Sem. 2018	Subjects: GEOGRPAHY
Paper: STATISTICAL METHODS IN GEOGRAPHY (PRACTICAL)				
UNITS	Sub Topics of Units	Sub topics	No. of Lectures	
1	Use of Data in Geography	a. Geographical Data Matrix	3	
		b. Significance of Statistical Methods in Geography	3	
		c. Sources of Data	3	
		d. Scales of Measurement (Nominal, Ordinal, Interval, Ratio).	3	
2	Tabulation and Descriptive Statistics	a. Frequencies (Deciles, Quartiles),	3	
		b. Cross Tabulation	3	
		c. Central Tendency (Mean, Median and Mode)	4	
		d. Centro-graphic Techniques	3	
		e. Dispersion (Standard Deviation, Variance and Coefficient of Variation)	3	
3	Sampling:	a. Sampling :Random	5	
		b. Sampling: Systematic	5	
		c. Sampling:Stratified	5	
4	Theoretical Distribution: Probability and	a. Concept of Probability : Brief theoretical concept of probability	3	
		b. Normal curve : Concept and properties	2	
		c. find area under normal curve, Fit Normal curve to the data,	4	
		d. plot normal curve with observed and expected frequencies	3	
5	Association and Correlation:	a. Rank Correlation	4	
		b. Product Moment Correlation	4	
		c. Simple Regression	4	
		d. Residuals from regression	4	
	TOTAL		71	

Teacher's name: Dr. SHADAB KHAN		Department: GEOGRAPHY	Course: B.A. (H) (Generic Elective) Sem. I	Subjects: GEOGRPAHY
Paper: Disaster Management				
UNITS	Sub Topics of Units	Sub topics	No. of Lectures	
1	Disasters	a. Definition and Concepts	2	
		b. Hazards,	3	
		c. Disasters	3	
		d. Risk and Vulnerability	2	
		e. Risk and Vulnerability: Classification	2	
2	Disasters in India (a)	a. Flood: Causes, Impact, Distribution and Mapping	5	
		b. Landslide: Causes, Impact, Distribution and Mapping;	4	
		c. Drought: Causes, Impact, Distribution and Mapping	5	
3	Disasters in India (b)	a. Earthquake :Causes, Impact, Distribution and Mapping;	5	
		b. Tsunami: Causes, Impact, Distribution and Mapping;	4	
		c. Cyclone: Causes, Impact, Distribution and Mapping	5	
4	Manmade Disasters	a. Causes,	3	
		b. Impact	3	
		c. Distribution	3	
		d. Mapping	3	
5	Response and Mitigation to Disasters	a. Mitigation and Preparedness	4	
		b. NDMA and NIDM	3	
		c. Indigenous Knowledge and Community-Based Disaster Management	4	
		d. Do's and Don'ts During and Post Disasters	4	
	TOTAL		67	

Teacher's name: Dr. SHADAB KHAN		Department: GEOGRAPHY	Course: B.El. Ed. O 3.9 Geography II 2018-19	Subjects: GEOGRPAHY
Paper: HUMAN GEOGRAPHY				
UNITS	Sub Topics of Units	Sub topics	No. of Lectures	
1	Human geography	a. major paradigm in changing trends.	6	

2	Resource Geography	a. definition and classification of resources,	1
		b. land resources and land use classification	2
		c. water resources, ground water and surface water;	3
		d. energy resources- conventional (fuel wood coal, petroleum, and hydro)	4
		e. energy resources- non conventional (solar, wind and geothermal);	4
		f. biotic- forest	2
		g. bioticfisheries	2
3	Agricultural Geography	a. types of farming	1
		b. study of the following agricultural types (a) shifting agriculture	2
		c. (b) subsistence	2
		d. (c) commercial	2
		e. (d) plantation	2
		f. (e) dairy farming	2
		g. study of the following crops- (a) wheat	2
		h. (b) rice	2
		i. (c) cotton	2
		j. (d) sugarcane	2
		k. world agriculture problems.	1
4	Industrial Geography	a. factors affecting industrial location, major industries	1
		b. a) mineral based (petro chemicals)	2
		c. mineral based (iron & steel)	2
		d. (b) agro based	1
		e. (c) consumer based (automobiles and electronics);	2
		f. patterns and trends of industrialization	1
5	Population Geography	a. demographic variables- fertility, mortality, and migration	5
		b. population growth and demographic transition model	3
		c. causes and consequences in international migration	2
		d. population resource relationship-over,	1
		e. under and optimum population	1
		f. Population policies: types pronatalist and antinatalist.	2
6	Settlement Geography	a. classification of settlement rural and urban	2
		b. rural settlement – factors and types of rural settlement	2
		c. urban settlement – origin, classification criteria	2
		d. classification criteria and world urbanization pattern	2
		e. city and its region	2
7	Transport Geography	a. World pattern of rail	2
		b. World pattern of air	2
		c. World pattern of water ways	2
8	Understanding Maps and Diagram (Prac	a. use of thematic maps (dot method)	2
		b. use of thematic maps (choropleth method)	2
		c. use of thematic maps (isopleths methods)	2
		d. located statistical diagrams (bar diagram)	2
		e. located statistical diagrams (pie chart)	2
		f. located statistical diagrams (line graph)	2
9	Project Work	a. a report based on local study of the geographical characteristics related to	(Equal to 8 lectures)
	TOTAL		103

Teacher's name: Dr. SHADAB KHAN	Department: GEOGRAPHY	Course: B.A. (H) VI sem. 2019	Subjects: GEOGRPAHY
Paper: POLITICAL GEOGRAPHY			
UNITS	Sub Topics of Units	Sub topics	No. of Lectures
1	Introduction	a. Concepts b. Nature and Scope.	5 5
2	State, Nation and Nation State	a. Concept of Nation and State b. Attributes of State – Frontiers, Boundaries, Shape, Size, Territory and c. Concept of Nation State d. Geopolitics e. Theories (Heartland and Rimland)	2 6 3 2 4
3	Electoral Geography	a. Geography of Voting b. Geographic Influences on Voting pattern,	3 3

		c. Geography of Representation	3
		d. Gerrymandering	3
4	Political Geography of Resource Conflict	a. Water Sharing Disputes	4
		b. Disputes and Conflicts Related to Forest Rights	6
		c. Disputes and Conflicts Related to Minerals	6
5	Politics of Displacement	a. Issues of relief	4
		b. compensation and rehabilitation: with reference to Dams	4
		c. compensation and rehabilitation: with reference to Special Economic Zones	4
	TOTAL		67

Teacher's name: Dr. SHADAB KHAN	Department: GEOGRAPHY	Course: B.A. (Prog.) VI Sem. 2019	Subjects: GEOGRAPHY
Paper: Sustainability and Development			
UNITS	Sub Topics of Units	Sub topics	No. of Lectures
1	Sustainability	a. Definition	2
		b. Components	2
		c. Sustainability for Development	2
			2
2	The Millennium Development Goals	a. National Strategies	5
		b. International Experiences	5
3	Sustainable Development	a. Need from different Ecosystems	5
		b. Examples from different Ecosystems	7
4	Inclusive Development	a. Education, Health	2
		b. Climate Change: The role of higher education in sustainability;	4
		c. The human right to health	2
		d. Poverty and disease	4
		e. Sustainable Livelihood Model; Policies	3
		f. Global Cooperation for Climate Change	2
5	Sustainable Development Policies and Programs	a. Rio+20	3
		b. Goal-Based Development	3
		c. Financing for Sustainable Development	3
		d. Principles of Good Governance	3
		e. National Environmental Policy	2
		f. CDM.: Clean Development Mechanism	2
	TOTAL		63

Dr.
SHADAB
KHAN GEOGRAPHY B.A. (H) GEOGRAPHY

shared with Guest teacher in
2020

shared with Mr. Jag Mohan
and Ms. Shikha Yadav in

CBCS 2021

Paper: Sustainability and Development		B.A. (P) GEOGRAPHY	
UNITS	Sub Topics of Units	Sub topic:	No. of Lectures
1	Sustainability	a. De	2
		b. Co	3
		c. Su	3
2	The Millennium Development Goals	a. Na	5
		b. In	5
3	Sustainable Development	a. Ne	5
		b. Ex	7
4	Inclusive Development	a. Ed	2
		b. Cli	4
		c. Th	2
		d. Po	4

		e. Su	3
		f. Gl	2
5	Sustainable Development P	a. Ric	3
		b. Go	3
		c. Fir	3
		d. Pri	3
		e. Na	2
		f. CD	2

TEACHER'S LESSON PLAN 2017-18

Teacher's name	Department	Course	Subjects
Dr. Gyanvati	Social Work	B.A. (H) Social Work	Social Work

SUBJECT NAME Social Policy & Development

UNITS	Sub Topics of Units		No. of Lectures
		sub topics	
1	a	Social policy: Concept and significance, Historical perspective	8
	b	Social policy in relation to the Idea of social justice	4
	c	Models of Social Policy	4
2	a	Concept of social development	4
	b	Theories and models of development and underdevelopment	8
	c	Perspectives on social development: Gandhi, Ambedkar and Jai Prakash	8
3	a	Human Development and Human Development Index	12
	b	Human Development and Social Development: Theories	8
	c	Challenges to Human Development: Contemporary Issues	4
4	a	Concept and scope of Social Planning	8
	b	Planning as an instrument of social policy and development	4
	c	Five Year Plans: An overview of social planning	14
TOTAL			86

SUBJECT NAME Communication for Development (SEC)

UNITS	Sub Topics of Units		No. of Lectures
		sub topics	
1	a	Communication: concept, principles and its significance for development	4
	b	Process of Communication	2
	c	Forms of communication	4
2	a	Self Awareness in communication	2
	b	Listening- stages, functions, barriers	4
	c	Develop communication competence to work in diverse settings	2
TOTAL			18

SUBJECT NAME Social Psychology for Social Work			
UNITS	Sub Topics of Units		No. of Lectures
		Sub topics	
1	a	An introduction to social psychology	4
	b	Methods of social psychology	8
	c	Relevance of social psychology to social workers	2
2	a	Social Perception	6
	b	Social Influence	6
	c	Interpersonal Attraction	6
3	a	Group: Definition, Types, Process	4
	b	Group development and dynamics	5
	c	Crowd and mob: Characteristics and dynamics	6
4	a	Social attitudes: Definition, Features and formation, measurement and change	9
	b	Prejudice and stereotypes	6
	c	Leaderships: Traits, styles and types	8
TOTAL			70

SUBJECT NAME Skills & Techniques in Field Work Practice			
UNITS	Sub Topics of Units		No. of Lectures
		sub topics	
1	a	Orientation, concurrent and block field work records	3
	b	Group/Student conference paper: Preparation and presentation	3
	c	Case records, field based assignments and records of rural camps	4
2	a	Public relation, advocacy and networking	7
	b	Use of simulation exercises, games and role play	3
	c	Observation & analysis, counselling and guidance	6
TOTAL			26

TEACHER'S LESSON PLAN 2018-19

Teacher's name	Department	Course	Subjects
Dr. Gyanvati	Social Work	B.A. (H) Social Work	Social Work

SUBJECT NAME Social Policy & Development

UNITS	Sub Topics of Units		No. of Lectures
		sub topics	

1	a	Social policy: Concept and significance, Historical perspective	8
	b	Social policy in relation to the Idea of social justice	4
	c	Models of Social Policy	4
2	a	Concept of social development	4
	b	Theories and models of development and underdevelopment	8
	c	Perspectives on social development: Gandhi, Ambedkar and Jai Prakash	8
3	a	Human Development and Human Development Index	12
	b	Human Development and Social Development: Theories	8
	c	Challenges to Human Development: Contemporary Issues	4
4	a	Concept and scope of Social Planning	8
	b	Planning as an instrument of social policy and development	4
	c	Five Year Plans: An overview of social planning	14
TOTAL			86

SUBJECT NAME Communication for Development (SEC)

UNITS	Sub Topics of Units		No. of Lectures
	sub topics		
1	a	Communication: concept, principles and its significance for development	4
	b	Process of Communication	2
	c	Forms of communication	4
2	a	Self Awareness in communication	2
	b	Listening- stages, functions, barriers	4
	c	Develop communication competence to work in diverse settings	2
TOTAL			18

SUBJECT NAME Social Psychology for Social Work			
UNITS	Sub Topics of Units		No. of Lectures
	sub topics		
1	a	An introduction to social psychology	4
	b	Methods of social psychology	8
	c	Relevance of social psychology to social workers	2
2	a	Social Perception	6
	b	Social Influence	6
	c	Interpersonal Attraction	6
3	a	Group: Definition, Types, Process	4
	b	Group development and dynamics	5
	c	Crowd and mob: Characteristics and dynamics	6
4	a	Social attitudes: Definition, Features and formation, measurement and change	9
	b	Prejudice and stereotypes	6
	c	Leaderships: Traits, styles and types	8
TOTAL			70

SUBJECT NAME Skills & Techniques in Field Work Practice			
UNITS	Sub Topics of Units		No. of Lectures
	sub topics		
1	a	Orientation, concurrent and block field work records	3
	b	Group/Student conference paper: Preparation and presentation	3
	c	Case records, field based assignments and records of rural camps	4
2	a	Public relation, advocacy and networking	7
	b	Use of simulation exercises, games and role play	3
	c	Observation & analysis, counselling and guidance	6
TOTAL			26

TEACHER'S LESSON PLAN 2019-20

Teacher's name	Department	Course	Subjects
Dr. Gyanvati	Social Work	B.A. (H) Social Work	Social Work
SUBJECT NAME Social Policy & Development			
UNITS	Sub Topics of Units		No. of Lectures
	sub topics		
1	a	Social policy: Concept and significance, Historical perspective	8
	b	Social policy in relation to the Idea of social justice	4
	c	Models of Social Policy	4
2	a	Concept of social development	4
	b	Theories and models of development and underdevelopment	8
	c	Perspectives on social development: Gandhi, Ambedkar and Jai Prakash	8
3	a	Human Development and Human Development Index	12
	b	Human Development and Social Development: Theories	8
	c	Challenges to Human Development: Contemporary Issues	4
4	a	Concept and scope of Social Planning	8

	b	Planning as an instrument of social policy and development	4
	c	Five Year Plans: An overview of social planning	14
	TOTAL		86
SUBJECT NAME		Social Psychology for Social Work	
UNITS		Sub Topics of Units	No. of Lectures
		Sub topics	
1	a	An introduction to social psychology	4
	b	Methods of social psychology	8
	c	Relevance of social psychology to social workers	2
2	a	Social Perception	6
	b	Social Influence	6
	c	Interpersonal Attraction	6
3	a	Group: Definition, Types, Process	4
	b	Group development and dynamics	5
	c	Crowd and mob: Characteristics and dynamics	6
4	a	Social attitudes: Definition, Features and formation, measurement and change	9
	b	Prejudice and stereotypes	6
	c	Leaderships: Traits, styles and types	8
	TOTAL		70
SUBJECT NAME		Social Work Responce to Health care	
UNITS		Sub Topics of Units	No. of Lectures
		sub topics	
1	a	Health scenario of India: Major health issues and related implications	4
	b	2.2Social and cultural changes and its impact on health	4
	c	2.3 National Health Policy and government programmes	10
2	a	4.1 Environmental concerns and its impact on health	4
	b	4.2Community health and Life style diseases: communicable and non communicable(HIV/AIDS, T.B.,Cancer, diabetes, obc	12
	c	4.3 Pollution and health concern: water and airborne diseases	4
	TOTAL		38

TEACHER'S LESSON PLAN 2020-21			
Teacher's name	Department	Course	Subjects
Dr. Gyanvati	Social Work	B.A. (H) Social Work	Social Work
SUBJECT NAME		Social Policy & Development	
UNITS		Sub Topics of Units	No. of Lectures
		sub topics	
1	a	Social policy: Concept and significance, Historical perspective	8
	b	Social policy in relation to the Idea of social justice	4
	c	Models of Social Policy	4
2	a	Concept of social development	4
	b	Theories and models of development and underdevelopment	8
	c	Perspectives on social development: Gandhi, Ambedkar and Jai Prakash	8
3	a	Human Development and Human Development Index	12
	b	Human Development and Social Development: Theories	8
	c	Challenges to Human Development: Contemporary Issues	4
4	a	Concept and scope of Social Planning	8
	b	Planning as an instrument of social policy and development	4
	c	Five Year Plans: An overview of social planning	14
	TOTAL		86
SUBJECT NAME		Introduction to social psychology	
UNITS		Sub Topics of Units	No. of Lectures
		Sub topics	
1	a	An introduction to social psychology	4
	b	Methods of social psychology	8
	c	Relevance of social psychology to social workers	2
2	a	Social Perception, Social Influence	6
	b	Aggression,public opinion, propaganda and social media	6
	c	Interpersonal Attraction	6
3	a	Group: Definition, Types, Process	4
	b	Group development and dynamics	5
	c	Crowd and mob: Characteristics and dynamics	6
4	a	Social attitudes: Definition, Features and formation, measurement and change	9
	b	Prejudice and stereotypes	6
	c	Leaderships: Traits, styles and types	8
	TOTAL		70
SUBJECT NAME		Social Work Responce to Health care	
UNITS		Sub Topics of Units	No. of Lectures
		sub topics	
1	a	Health scenario of India: Major health issues and related implications	4

	b	2.2 Social and cultural changes and its impact on health	4
	c	2.3 National Health Policy and government programmes	10
2	a	4.1 Environmental concerns and its impact on health	4
	b	4.2 Community health and Life style diseases: communicable and non communicable (HIV/AIDS, T.B., Cancer, diabetes, etc)	12
	c	4.3 Pollution and health concern: water and airborne diseases	4
	TOTAL		38

TEACHER'S LESSON PLAN December-2021			
Teacher's name	Department	Course	Subjects
Dr. Gyanvati	Social Work	B.A. (H) Social Work	Social Work
SUBJECT NAME	Health and social work		
UNITS	Sub Topics of Units		No. of Lectures
		sub topics	
1	a	Health and Well-Being: Concepts, components, determinants, Indicators of health status	8
	b	Understanding diseases, Community health and Life style diseases: communicable and non-communicable (HIV/AIDS, T.B., Cancer, diabetes, obesity, PCOD)	16
	c	Health scenario of India: Major Government Programmes and Policies	8
2	a	Concept, Definitions and components of mental health; Mental health as a positive concept	2
	b	Approaches to mental illness: Biological, psychological and sociological	2
	c	Concept of abnormal behavior, Psychoactive substance use disorders, Schizophrenia, Mood disorders, Neurotic, Stress related, Somatoform disorders	14
3	a	Public Health, Health education, Reproductive and Child Health	6
	b	Structure of health care services in India: Primary, Secondary and tertiary level,	3
	c	Roles of social work profession in health settings : Preventive, promotive and rehabilitative approaches	3
4	a	Concept, meaning, scope, origin and models of palliative care.	6
	b	Understanding patient and families -distress, coping, adaptation, truth telling, psycho-social care, spiritual care, caregiving burden, Grief and Bereavement	12
	c	Ethical and legal issues in palliative care- euthanasia, withdrawal of assistive treatment, issues death and dying	8
	TOTAL		88

LESSON PLAN
B.A (HONOURS) SEMESTER III
GENERIC ELECTIVE
CLIMATE CHANGE: VULNERABILITY AND ADAPTATION

Course	B.A (HONOURS) SEMESTER III CLIMATE CHANGE: VULNERABILITY AND ADAPTATION
Topic	Unit I Science of Climate Change: Understanding Climate Change
Lesson Duration	12 hours – 12 classes

Lesson Objectives	
<ol style="list-style-type: none"> 1. To make students aware about the basics components of climate change- Green house gases, Global Warming, Climate Change Assessment and IPCC; 2. To make the students aware about the linkages between various components of climate change; 3. To make students learn about the role of IPCC; 	
Summary of Tasks	
<ol style="list-style-type: none"> 1. List various definitions of climate change; 2. List the different components of climate change and their properties and definitions ; 3. List the impact and linkages of climate change and global warming using flow charts 	
Materials required	
<ol style="list-style-type: none"> 1. Power Point projection for definitions, list of different elements of climate change; 2. Power point presentation and films showing climate change – Al Gore’s Movie on Climate Change- “An Inconvenient Truth” 	
References	
<ol style="list-style-type: none"> 1. IPCC (2007) Climate change 2007 Impacts, Adaptation and Vulnerability 2. IPCC (2014) Climate change 2014 Impacts, Adaptation and Vulnerability 3. UNEP Global Environmental outlook 4. Palutikof 	

Course	B.A (HONOURS) SEMESTER III CLIMATE CHANGE: VULNERABILITY AND ADAPTATION
Topic	Unit II Climate Change and vulnerability: Physical Vulnerability, Economic Vulnerability, Social Vulnerability
Lesson Duration	12 hours – 12 classes

Lesson Objectives	
<ol style="list-style-type: none"> 1. To make students aware about the basics of vulnerability; 2. To make the students aware about differences in various types of vulnerabilities; 3. To make students learn about the linkages between climate change and vulnerability; 	
Summary of Tasks	
<ol style="list-style-type: none"> 1. List definitions of various types of vulnerabilities; 2. Drawing of diagrams using flow charts and pictures for vulnerabilities ; 	
Materials required	
<ol style="list-style-type: none"> 1. Power Point projection for definitions, list of different types of vulnerabilities; 2. Pictures showing vulnerable population- living conditions, work etc. 	
References	
<ol style="list-style-type: none"> 1. Anu Kapur: Vulnerability Atlas 2. Keith Smith: Disaster Management 3. IGNOU material for disaster management 	

Course	B.A (HONOURS) SEMESTER III CLIMATE CHANGE: VULNERABILITY AND ADAPTATION
Topic	Unit III Impact of Climate Change: Agriculture and water; Flora and Fauna; Human Health
Lesson Duration	12 hours – 12 classes

Lesson Objectives	
<ol style="list-style-type: none"> 1. To make students aware about the Impact of Climate change on the world-agriculture, water, flora, fauna and humans; 2. To make the students aware about the linkages between various causes and impacts of climate change; 	
Summary of Tasks	
<ol style="list-style-type: none"> 1. Individual listing of impacts of climate change on agriculture, water, bio diversity and humans; 2. Using flow charts and pictures, deriving linkages between various causes and impacts of climate change. 	
Materials required	
<ol style="list-style-type: none"> 1. Power Point projection for list of impacts; 2. Pictures of impact of climate change;. 	
References	
<ol style="list-style-type: none"> 1. Anu Kapur: Vulnerability Atlas 2. Keith Smith: Disaster Management 3. IGNOU material for disaster management 	

Course	B.A (HONOURS) SEMESTER III CLIMATE CHANGE: VULNERABILITY AND ADAPTATION
Topic	Unit IV Adaptation and Mitigation: Global Initiatives with particular reference to South Asia
Lesson Duration	12 hours – 12 classes

Lesson Objectives	
<ol style="list-style-type: none"> 1. To make students aware about difference between Adaptation and Mitigation; 2. To make the students aware about various ways of adaptation and mitigating climate change impacts; 3. To tell the students about various Global Initiatives for Adaptation and Mitigation, particularly in South Asia. 	
Summary of Tasks	
<ol style="list-style-type: none"> 1. Individual listing of ways of adaptation during various climate change disasters; 2. Listing various ways of mitigating climate change disasters; 3. Using flow charts and pictures, deriving linkages between various adaptation and mitigation methods. 	
Materials required	
<ol style="list-style-type: none"> 1. Power Point projection for list of adaptation and mitigation methods; 2. List of global initiatives for climate change adaptation and mitigation; 	
References	
<ol style="list-style-type: none"> 1. Anu Kapur: Vulnerability Atlas 2. Keith Smith: Disaster Management 3. IGNOU material for disaster management 	

Course	B.A (HONOURS) SEMESTER III CLIMATE CHANGE: VULNERABILITY AND ADAPTATION
Topic	Unit V National Action Plan on Climate Change; Local Institutions-urban and Panchayats
Lesson Duration	10 hours – 10classes

Lesson Objectives	
<ol style="list-style-type: none"> 1. To make students aware about ways to tackle climate change in urban areas and in rural areas; 2. To make the students understand about personal efforts in combating climate change; 	
Summary of Tasks	
<ol style="list-style-type: none"> 1. Individual listing of ways of urban initiatives to combat climate change; 2. Individual listing of ways of rural initiatives to combat climate change; 3. Using pictures and films to show adaptation and mitigation efforts, 	
Materials required	
<ol style="list-style-type: none"> 1. Power Point projection for list of action plans in urban areas and rural areas 2. List of local efforts for climate change. 	
References	
<ol style="list-style-type: none"> 1. Anu Kapur: Vulnerability Atlas 2. Keith Smith: Disaster Management 3. IGNOU material for disaster management 	

LESSON PLAN
B.A (HONOURS) SEMESTER IV
GENERIC ELECTIVE
SUSTAINABLE DEVELOPMENT

Course	B.A (HONOURS) SEMESTER IV SUSTAINABLE DEVELOPMENT
Topic	Unit I Sustainable development : Definitions, components, limitations and historical background
Lesson Duration	8 hours – 8 classes

Lesson Objectives	
<ol style="list-style-type: none"> 1. To make students aware about the basic definition, components and limitations and historical of sustainable development; 	
Summary of Tasks	
<ol style="list-style-type: none"> 1. List various definitions of sustainable development; 2. List the different components of sustainable development, historical development and limitations; 	
Materials required	
<ol style="list-style-type: none"> 1. Power Point projection for definitions, list of different components, limitations and history of sustainable development; 2. Films showing sustainable development 	
References	
<ol style="list-style-type: none"> 1. IPCC (2007) Climate change 2007 Impacts, Adaptation and Vulnerability 2. IPCC (2014) Climate change 2014 Impacts, Adaptation and Vulnerability 3. UNEP Global Environmental outlook 4. Palutikof 	

Course	B.A (HONOURS) SEMESTER IV SUSTAINABLE DEVELOPMENT
Topic	Unit II The Millennium Development Goals: National Strategy and International Experiences
Lesson Duration	10 hours – 10 classes

Lesson Objectives	
<ol style="list-style-type: none"> 1. To make students aware about the MDG; 2. To make the students aware about strategies at local and international level for achieving MDG; 	
Summary of Tasks	
<ol style="list-style-type: none"> 1. List definitions of various MDGs; 2. List of National and international strategies for achieving MDGs 	
Materials required	
<ol style="list-style-type: none"> 1. Power Point projection for definitions, list of MDGs 	
References	
<ol style="list-style-type: none"> 1. Anu Kapur: Vulnerability Atlas 2. Keith Smith: Disaster Management 3. IGNOU material for disaster management 	

Course	B.A (HONOURS) SEMESTER IV SUSTAINABLE DEVELOPMENT
Topic	Unit III Sustainable Regional Development: Need and examples from different Ecosystems.
Lesson Duration	12 hours – 12 classes

Lesson Objectives	
<ol style="list-style-type: none"> 1. To make students aware about Sustainable regional development;; 2. To make the students aware about examples from various ecosystems 	
Summary of Tasks	
<ol style="list-style-type: none"> 1. Individual listing of need of sustainable regional development ; 2. Using flow charts and pictures need and examples of different ecosystems. 	
Materials required	
<ol style="list-style-type: none"> 1. Power Point projection for need; 2. Pictures of examples of sustainable regional development 	
References	
<ol style="list-style-type: none"> 1. Susan Baker, Sustainable development 2. Our Common future 3. Savinder Singh 	

Course	B.A (HONOURS) SEMESTER IV SUSTAINABLE DEVELOPMENT
Topic	Unit IV Inclusive Development: Education, Health, Climate Change: The role of higher education in sustainable development; The human right to health, Poverty and Disease; The challenges of Universal health coverage ; Policies and global co-operation for climate change
Lesson Duration	14 Hours – 14 classes

Lesson Objectives	
<ol style="list-style-type: none"> 1. To make students aware about Inclusive Development: Education, Health, Climate Change: The role of higher education in sustainable development; The human right to health, Poverty and Disease; The challenges of Universal health coverage ; Policies and global co-operation for climate change 	
Summary of Tasks	
<ol style="list-style-type: none"> 1. Individual listing of definitions of Inclusive Development 2. Listing various ways of Inclusive Development: Education, Health, Climate Change: The role of higher education in sustainable development; 3. Using flow charts and pictures, discussing The human right to health, Poverty and Disease; The challenges of Universal health coverage ; Policies and global co-operation for climate change 	
Materials required	
<ol style="list-style-type: none"> 1. Power Point projection for list Education, Health, Climate Change The role of higher education in sustainable development; 2. The human right to health, Poverty and Disease; The challenges of Universal health coverage ; Policies and global co-operation for climate change 	
References	
<ol style="list-style-type: none"> 1. Susan Baker, Sustainable development 2. Our Common future 3. Government of India Publications, Census of India, UN Publications, WHO reports 	

Course	B.A (HONOURS) SEMESTER IV SUSTAINABLE DEVELOPMEN
Topic	Unit V Sustainable Policies and Programme: The proposal for SDG'S at RIO +20, Illustrative SDG'S; Goal Based Development; Financing For Sustainable Development; Principles of Good Governance; National Environmental Policy; CDM
Lesson Duration	12 hours – 12 classes

Lesson Objectives	
<ol style="list-style-type: none"> 1. To make students aware about Sustainable policies and programmes; 2. To make the students understand about SDG'S at RIO +20; 3. To explain Illustrative SDG'S; 4. To make students understand Goal Based Development and Financing For Sustainable Development; 5. To illustrate the Principles of Good Governance and National Environmental Policy; CDM 	
Summary of Tasks	
<ol style="list-style-type: none"> 1. Individual listing of Sustainable policies and programmes; 2. Individual listing of SDG'S at RIO +20; 3. Using pictures and films for Illustrative SDG'S; 4. Listing Goal Based Development; Financing For Sustainable Development; Principles of Good Governance; National Environmental Policy; CDM 	
Materials required	
<ol style="list-style-type: none"> 1. Power Point projection for all of the above 	
References	

1. Susan Baker, Sustainable development
2. Our Common future
3. UNEP publications, Govt of India Publications, Yojna, Kurushetra

LESSON PLAN
B.A (PROGRAMME) GEOGRAPHY SEMESTER III
GENERAL CARTOGRAPHY

Course	B.A (PROGRAMME) GEOGRAPHY SEMESTER III GENERAL CARTOGRAPHY
Topic	Unit I Maps- Types , Elements and Uses
Lesson Duration	2 hours – 2 classes

Lesson Objectives	
<ol style="list-style-type: none"> 1. To make students aware about the various types of maps; 2. To tell about the various elements of map; 3. To train students in using maps; 4. To make students aware about the uses of maps by different people for different purposes. 	
Summary of Tasks	
<ol style="list-style-type: none"> 1. List various definitions of a map; 2. List the different types of maps; 3. Make a list of different elements of a map; 4. List the various uses of different maps . 	
Materials required	
<ol style="list-style-type: none"> 1. Power Point projection for definitions, list of different elements, types and uses of maps; 2. Specimen samples of different maps 3. A sample map with map elements marked . 	

References	
<ol style="list-style-type: none"> 1. Mishra and Ramesh, Fundamentals of Cartography 2. Robinson A. Elements of Cartography 	

Course	B.A (PROGRAMME) GEOGRAPHY SEMESTER III GENERAL CARTOGRAPHY
Topic	Unit II Map scale- Types and applications, Reading distances on a map.
Lesson Duration	8 hours – 8 classes

Lesson Objectives	
<ol style="list-style-type: none"> 1. To make students aware about the various types of map scales; 2. To tell about the various applications of map scale in real life; 3. To train students in reading various types of maps; 4. To rain students in calculating distances on map. 	
Summary of Tasks	
<ol style="list-style-type: none"> 1. List various types of map scales; 2. List the different applications of maps; 3. Train students in conversion of map scale to readable distances 	
Materials required	
<ol style="list-style-type: none"> 1. Power Point projection for types and application of maps; 2. List of different types of map scales; 3. Calculators for scale conversion . 	
References	
<ol style="list-style-type: none"> 1. Mishra and Ramesh, Fundamentals of Cartography 2. Robinson A. Elements of Cartography 3. Singh R.L. Prayogic Bhoogol Rooprekha Robinson A. Elements of Cartography 	

Course	B.A (PROGRAMME) GEOGRAPHY SEMESTER III GENERAL CARTOGRAPHY
Topic	Unit III Map Projections-Criteria for choice of map projections, Attributes and properties of various types of Map Projections
Lesson Duration	12hours – 12classes

Lesson Objectives	
<ol style="list-style-type: none"> 1. To make students aware about the various types of map projections; 2. To tell about the various uses of map projections for different purposes in real life; 3. To make students aware about various attributes of map projections; 4. To train students in choosing a map projection for specific purposes; 5. To train students in calculating distances on map. 	
Summary of Tasks	
<ol style="list-style-type: none"> 1. List various types of map Projections along with their properties and attributes; 2. Train students in choosing appropriate map projection 	
Materials required	
<ol style="list-style-type: none"> 1. Power Point projection for types of map projection, properties and attributes; 	
References	
<ol style="list-style-type: none"> 1. Mishra and Ramesh, Fundamentals of Cartography 2. Robinson A. Elements of Cartography 3. Singh R.L. Prayogic Bhoogol Rooprekha 	

Course	B.A (PROGRAMME) GEOGRAPHY SEMESTER III GENERAL CARTOGRAPHY
Topic	Unit IV Representation of Data- Symbols, Dots, Choropleth, Isopleth and Flow Diagram. Interpretation of thematic Maps
Lesson Duration	12 hours – 12 classes

Lesson Objectives
<ol style="list-style-type: none"> 1. To make students aware about the various ways to present various types of data through maps and symbols; 2. To train the students in using , drawing various data presentation techniques; 3. To train students in reading various thematic maps;
Summary of Tasks
<ol style="list-style-type: none"> 1. List various types data presentation techniques along with their properties and attributes; 2. Make students practice using the techniques on maps and graphs; 3. Train students in reading various thematic maps.
Materials required
<ol style="list-style-type: none"> 1. Power Point projection for various types of data presentation techniques, properties and attributes; 2. Outlines of few maps for practice; 3. Graph paper 4. Data for making thematic maps and representing data;
References

1. Mishra and Ramesh, Fundamentals of Cartography
2. Robinson A. Elements of Cartography
3. Singh R.L. Prayogic Bhoogol Rooprekha

LESSON PLAN
B.A (HONOURS) GEOGRAPHY SEMESTER IV
ENVIRONMENTAL GEOGRAPHY

Course	B.A (HONOURS) GEOGRAPHY SEMESTER IV ENVIRONMENTAL GEOGRAPHY
Topic	Unit I Environmental Geography – concept and Scope
Lesson Duration	2 hours – 2 classes

Lesson Objectives	
<ol style="list-style-type: none"> 1. To make students aware about the subject of environmental Geography- its concept and scope; 	
Summary of Tasks	
<ol style="list-style-type: none"> 1. List various definitions of environmental geography; 2. Explain the concept of environment and geography and the interlinkages; 3. Explain the scope of the paper . 	
Materials required	
<ol style="list-style-type: none"> 1. Power Point projection for definitions, concept and scope 	
References	
<ol style="list-style-type: none"> 1. R C Chandna- Environemtal Geography 2. Goudie – The Nature of the Environment 3. GT Miller- Environmental Science 	

4. Cunningham- Principles of Environmental Science

Course	B.A (HONOURS) GEOGRAPHY SEMESTER IV ENVIRONMENTAL GEOGRAPHY
Topic	Unit II Human-environment relationship- historical progression, adaptation in different biomes
Lesson Duration	8 hours – 8 classes

Lesson Objectives
<ol style="list-style-type: none">1. To make students aware about Human-environment relationship- historical progression, adaptation in different biomes;
Summary of Tasks
<ol style="list-style-type: none">1. List various aspects of Human-environment relationship2. trace the historical progression of the relation ;3. learn about adaptation in different biomes.
Materials required
<ol style="list-style-type: none">1. Power Point projection for Human-environment relationship- historical progression, adaptation in different biomes;2. Film on adaptation in different biomes
References
<ol style="list-style-type: none">1. R C Chandna- Environmental Geography2. Goudie – The Nature of the Environment3. GT Miller- Environmental Science4. Cunningham- Principles of Environmental Science

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Course	B.A (HONOURS) GEOGRAPHY SEMESTER IV ENVIRONMENTAL GEOGRAPHY
Topic	Unit III Ecosystem – Concept, Structure and Function
Lesson Duration	12hours – 12classes

Lesson Objectives	
<ol style="list-style-type: none"> 1. To make students aware about the Concept of Ecosystem; 2. To tell about Structure and Functions of an ecosystem 	
Summary of Tasks	
<ol style="list-style-type: none"> 1. List various definitions of an ecosystem; 2. Explanation of structure of an ecosystem through flow maps and pictures; 	
Materials required	
Power Point projection for Ecosystem – Concept, Structure and Function Film on ecosystem	
References	
<ol style="list-style-type: none"> 1. R C Chandna- Environemtal Geography 2. Goudie – The Nature of the Environment 3. GT Miller- Environmental Science 4. Cunningham- Principles of Environmental Science 	

Course	B.A (HONOURS) GEOGRAPHY SEMESTER IV ENVIRONMENTAL GEOGRAPHY
Topic	Unit IV Environmental Problems in Tropical, temperate and Polar ecosystems
Lesson Duration	12 hours – 12 classes

Lesson Objectives
To make students aware about the various Environmental Problems in Tropical, temperate and Polar ecosystems
Summary of Tasks
1. List various Environmental Problems in Tropical, temperate and Polar ecosystems
Materials required
1. Power Point projection for Environmental Problems in Tropical, temperate and Polar ecosystems 2. Films on different ecosystems
References
1. R C Chandna- Environmental Geography 2. Goudie – The Nature of the Environment 3. GT Miller- Environmental Science 4. Cunningham- Principles of Environmental Science

Course	B.A (HONOURS) GEOGRAPHY SEMESTER IV ENVIRONMENTAL GEOGRAPHY
Topic	Unit V Environmental Programmes and policies- Global, National and local
Lesson Duration	10 hours – 10 classes

Lesson Objectives
To make students aware about the various Environmental Programmes and policies- Global, National and local
Summary of Tasks
List various Environmental Programmes and policies- Global, National and local
Materials required
<ol style="list-style-type: none"> 1. Power Point projection for Environmental Programmes and policies- Global, National and local 2. Films on impact and need of Global, national and local programmes for environment.
References
<ol style="list-style-type: none"> 1. R C Chandna- Environmental Geography 2. Goudie – The Nature of the Environment 3. GT Miller- Environmental Science 4. Cunningham- Principles of Environmental Science

TEACHER'S LESSON PLAN 2020-2021

TEACHER'S NAME

JAG MOHAN

PAPER TAUGHT

BA(H) SEM IV Environmental Geography(LOCF)

BA(P) SEM VI Sustainability and Development
(CBCS)BA(H) SEM VI Disaster Management Based Field
ReportBA(H)SEM IV Sustainable Resource Development
(LOCF) Generic

BA (H) SEM III Geography of India (LOCF)

BA (P) SEM III General Cartography

BA(P) SEM III Climate Change Vulnerability and
Adaptation

SUBJECT BA (H) SEM IV Environmental
NAME Geography (LOCF)

UNITS	Sub Topics of Units		No. of Lectures
		sub topics	
	Introduction to Natural Resource and		
1 Environment	Basic Concept		3
	Human Environment Relationships		3
	Resource Use and abuse		1
	Concept of resource curse		1
2 Ecosystem	Concept,		2
	Structure and Functions;		3
	Ecosystem services		1
	Ecological footprints		1
3 Natural Resource	Concept (Zimmermann)		2
	Classification		2
	Utilization		3
	Problems and Management of Land, Water, forest and energy resources.		5
4 Temperate and	Environmental Issues in Tropical,		
	Global environmental issues		5
Polar Ecosystems	Impacts on land, soil, water, climate and atmosphere, biodiversity loss and human health		5
5 Environment and	Appraisal and Conservation of		
	Environmental Programmes and Policies – Global, National and Local levels		3
Natural Resources and Sustainable Resource Development	Management of Environment and Resources		2
	Principle of conservation,		2
	Restoration and sustainable alternatives;		3
	Importance of EIA.		3
			50

SUBJECT SUSTAINABILITY AND DEVELOPMENT
NAME SEM VI BA(P) CBCS
UNITS

Paper shared with Dr.Shadab Khan and Ms Shikha Yadav
Sub-Topics of Unit

No. of Lectures

UNITS	Sub-Topics of Unit	No. of Lectures
1	Sustainability	
	a. Definition	2
	b. Components	3
	c. Sustainability for Development	3
2	The Millennium Development Goals	
	a. National Strategies	5
	b. International Experiences	5
3	Sustainable Development	
	a. Need from different Ecosystems	5
	b. Examples from different Ecosystems	7
4	Inclusive Development	
	a. Education, Health	2
	b. Climate Change: The role of higher education in sustainability;	4
	c. The human right to health	2
	d. Poverty and disease	4
	e. Sustainable Livelihood Model; Policies	3
	f. Global Cooperation for Climate Change	2
5	Sustainable Development Policies and Programmes	
	a. Rio+20	3
	b. Goal-Based Development	3
	c. Financing for Sustainable Development	3
	d. Principles of Good Governance	3
	e. National Environmental Policy	2
	f. CDM.: Clean Development Mechanism	2
		36

BA (H) SEM VI Disaster Management Based Field Work

UNITS	Sub-Topics of Units	No. of Lectures
1 a	Concept and meaning and Types of Risk	3
b	Concept and meaning and Types of Hazard	4
c	Concept and meaning and Types of Disaster	4
d	Concept and meaning and Types of Vulnerability	4
e	Interrelationship of the concepts	3
f	HRVC Analysis	2
2 a	Meaning of Disaster Management	4
b	Disaster Prevention	1
c	Disaster Preparedness	1
d	Disaster Relief	1
e	Disaster Recovery	1
f	Disaster Management Cycle.	3
3 a	Role of Community in Disaster Management in Field studies	5
b	Role of Government in Disaster Management in Field studies	5
4 a	Disaster Preparedness Plan	9

BA (H) SEM IV Sustainable Resource Development (LOCF) Generic

UNITS	Sub-Topics of Units	No. of Lectures
1 Sustainable Development and Sustainability	Definition	3
	Components	3
	Limitations	3
2 The Millennium Development Goals	Experiences	3
	India's Effort	3
	Performance and Strategies	3
3 Sustainable Resource Development	Water Sustainability in Arid Regions	3
	Forest Sustainability in Mountain Regions	3
	Marine Resource Sustainability	3
	Resources and Sustainable Cities	2
4 Inclusive Development	Poverty and Inequality;	2
	Education (The role of higher education in sustainable resource development),	3
	Health: The Challenges of Universal Health Coverage;	3
	Climate Change: Policies and Global Cooperation for Climate Change	2
5 Sustainable Development Policies and Programmes	The proposal for SDGs at Rio+20;	2
	Illustrative SDG for Sustainable Development;	
	Principles of Good Governance;	2
	Goal-Based Development	2
	Financing for Sustainable Development	2
	Principles of Good Governance	2
	CMD	1
		50

BA (H) SEM III Geography of India (LOCF)

UNITS	Sub-Topics of Unit	No. of Lectures
1 Physiography	1.1 Location	1
	1.2 Physiographic Divisions	4
	1.3 Climate: characteristics and classification	2
	1.4 Soil	2
	1.5 Natural vegetation	2
2 Population	2.1 Distribution and Growth	4

	2.2 Structure	2
	2.3 Social: Distribution of Population by Race, Caste, Religion, Language, Tribes and their Correlates.	7
3 Regionalisation of India	3.1 Physiographic (R. L. Singh)	5
	3.2 Socio-Cultural (Sopher),	3
	3.3 Economic (Sengupta)	3
4 Economic	4.1 Mineral and Power Resources : Distribution and Utilization of Iron Ore, Coal, Petroleum, Gas	5
	4.2 Agricultural Production of Rice, Wheat, Cotton and Sugarcane	5
5 Spatial Patterns of Industrial Development	5.1 Automobile and Information Technology	5
Total		50

BA (P) SEM III General Cartography (LOCF)

UNITS	Sub-Topics of Unit	No.of Lectures
1 Cartography	Nature and Scope; Scales – Concept and application Graphical Construction of Plain, Comparative and Diagonal Scales.	2 2 6
2 Map Projections	Classification Properties and Uses Merits and Demerits of Polar Zenithal, Stereographic, Bonne’s and Mercator’s Projections	3 3 6
3 Profiles	Introduction to Cross and Longitudinal Profiles	8
4 Topographical Maps	Interpretation and Slope Analysis (Wentworth’s method)	8
5 Weather Map	Interpretation of Weather Maps	8
		46

BA (H) Generic SEM III Climate Change Vulnerability and Adaptation LOCF

UNITS	Sub-Topics of Unit	No.of Lectures
1 Climate Change	Understanding Climate Change; Green House Gases and Global Warming; Global Climatic Assessment- IPCC	3 3 3

2	Climate Change and Vulnerability	Physical Vulnerability	3
		Economic Vulnerability	3
		Social Vulnerability	3
3	Impact of Climate Change	Agriculture and Water	5
		Flora and Fauna	3
		Human Health	4
4	Adaptation and Mitigation	Global Initiatives with Particular Reference to South Asia	8
5	The Climate Change Policy Framework	Global Initiatives UNFCCC and COPs	8
		National and Local Action Plan on Climate Change	4
			50

TEACHER'S LESSON PLAN 2019-2020

TEACHER'S NAME

JAG MOHAN

PAPER TAUGHT

BA(H) SEM IV Environmental Geography(CBCS) **taught in 2018-2019 also.**

BA(P) SEM VI Sustainability and Development (CBCS)

BA(H)SEM IV Sustainable Development (CBCS) **Generic taught in 2018-2019 also.**

B.EL.ED II YEAR Physical Geography

BA (H) SEM III Geography of India (CBCS)

BA (P) SEM III General Cartography (CBSC) **taught in 2018-2019 also**

BA(P) SEM I Physical Geography (CBCS)

BA (P) SEM I

PHYSICAL

SUBJECT NAME GEOGRAPHY

UNITS	sub topics		No. of Lectures
1	a	Definition and meaning of Physical Geography	2
	b	Scope of Physical Geography	1
	c	Concept of system and characteristics	2
	d	Earth System Function	2
	e	Concept of system and characteristics	2
	f	Components of Earths Natural System	2
	g	Interaction Between Spheres	1
2	a	Atmosphere: Heat Balance	3
	b	Global Circulation Pattern	2
	c	Tropical Cyclones	2
	d	Monsoon	3
	e	Climatic Classification (Koppen).	3
3	a	Lithosphere: Internal Structure of Earth based on Seismic Evidence	4
	b	Plate Tectonics and its Associated Features.	3
4	a	Fluvial Cycle of Erosion – Davis	4
	b	Fluvial Cycle of Erosion – Penck	3
5	a	Hydrosphere: Hydrological Cycle	2
	b	Ocean Bottom Relief Features	3
	c	Tides: Types, Theories and Force	3
	d	Ocean Currents: Factors and Types and Distribution	4

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SUSTAINABILITY AND DEVELOPMENT

SUBJECT NAME

SEM VI BA(P) CBCS

Paper shared with Dr. Neetu Malik

UNITS

Sub-Topics of Unit

No. of Lectures

1	Sustainability	a. Definition	2
		b. Components	3
		c. Sustainability for Development	3
2	The Millennium Development Goals	a. National Strategies	5
		b. International Experiences	5
3	Sustainable Development	a. Need from different Ecosystems	5
		b. Examples from different Ecosystems	7
4	Inclusive Development	a. Education, Health	2
		b. Climate Change: The role of higher education in sustainability;	4
		c. The human right to health	2
		d. Poverty and disease	4
		e. Sustainable Livelihood Model; Policies	3
		f. Global Cooperation for Climate Change	2

5	Sustainable Development Policies and Programmes	a. Rio+20	3
		b. Goal-Based Development	3
		c. Financing for Sustainable Development	3
		d. Principles of Good Governance	3
		e. National Environmental Policy	2
		f. CDM.: Clean Development Mechanism	2
			36

BA (H) SEM III Geography of India

Units	Sub -Topics of Unit	No. of Lectures
1 Physical	Physiographic Divisions	5
	soil and vegetation	4
	Climate (characteristics and classification)	3
2 Population	Growth	4
	Distribution	4
3 Economic	Mineral and power resources distribution and utilisation of iron ore	4
	coal, petroleum, gas;	3
	agricultural production and distribution of rice and wheat	3
	industrial development : automobile and Information technology	4
4 Social	Distribution of population by race, caste, religion, language, tribes and their correlates	8

Regionalisation of	Physiographic (R. L. Singh), Socio – cultural (Sopher), Economic (Sengupta)	8
5 India		50

TEACHER'S LESSON PLAN 2017-18				
Teachers's Name	Department	Course	Subjects	
Dr. Mamta Arora	Geography	BA (H) Geography		
SUBJECT NAME		Cartographic Techniques	Semester	I
UNITS	Sub Topics of Units			
		Sub topics	No. of Lectures	
I Nature and Scope of Cartography	a	Cartography	2	
	b	Nature and Scope of Cartography	4	
II Scale	a	Simple	6	
	b	Comparative	4	
	c	Diagonal	4	
		Polar Zenithal		
III Map Projection	a	Stereographic Projection	4	
	b	Mercator's Projection	4	
	c	Bonne's Projection	4	
	d	UTM	2	
IV Toposheet Interpretation	a	Physical Features	6	
	b	Cultural Features	6	
	c	Cross Profile	4	
	d	Longitudinal Profile	4	
V Wentworth's Method of Slope Analysis	a	Slope Analysis	6	
	TOTAL			60
SUBJECT NAME	Spatial Statistical Techniques		Semester	III
UNITS	Sub Topics of Units			
		Sub topics	No. of Lectures	
I Statistical and Statistical Data	a	Spatial and Non-spatial data	2	
	b	Indices of Inequality and diasparity	2	

II Probability	a	Propability theory	2		
	b	Probability density function: Normal	2		
	c	Bionomial	2		
	d	Poisson	2		
III Sampling	a	Sampling Plan for spatial and non-spatial data	2		
	b	Sampling distribution	2		
	c	Sampling estimate for large size samples involving mean and propotion	2		
	d	Sampling estimate for small size samples involving mean and propotion	2		
IV Correlation and regression	a	Rank Order	2		
	b	Product Moment	2		
	c	Linear Regression	2		
	d	Residual from regression	2		
	e	Simple Curvilnear Regression	2		
	f	Introduction to Multiariate Analysis	2		
V Time Series Analysis	a	Time Series Process	4		
	b	Smoothing Time-series	2		
	c	Time Series Components	2		
	TOTAL		40		

SUBJECT NAME	Agricultural Geography			Semester	V
UNITS	Sub Topics of Units				
		Sub topics	No. of Lectures		
I Defining the field	a	Introduction	2		
	b	Nature and scope	4		
	c	Land use land cover definition and classification	4		
II Determinants of Agriculture	a	Physical	4		
	b	Technological	4		
	c	Institutional	2		
III Agricultural Regions of India	a	Agro-climatic	4		
	b	Agro-ecological	4		
	c	Crop-combination	2		
IV Agriculture Systems of the World	a	Whittlesey Classification	10		
	b				
	c				
V Von Thunen Model	a	Model	4		
	b	Relevance	3		
	c	modification of Von Thunen Model	3		
	d				
	TOTAL		50		
SUBJECT NAME	Regional Planning: Case Studies			Semester	VI
UNITS	Sub Topics of Units				
		Sub topics	No. of Lectures		
Introduction:	a	Concept of Region	2		
	b	Regional Disparities	4		
	c	Need for Regional Planning	4		
Regional Planning	a	Regional Approach to Planning in India's	5		
	b	Experience of Regional Planning in India:	5		
	a	Multi-Level Planning (State, District and E	5		
Regions for Planning	a	River Valley Development Plan:	5		
	b	Damodar Valley and Tribal Area Develop	5		
	c	Bastar District	5		
Hill Area Developm	a	Western Ghats and Himalaya	5		
Metropolitan Regio	a	National Capital Region	5		

SUBJECT NAME	Research Methods			Semester	IV
UNITS	Sub Topics of Units				
		Sub topics	No. of Lectures		
I Geogrpahic Inquiry	a	Definition and Ethics	2		
	b	Framing reseach Questions	2		
	c	Setting Objectives and Hypothesis	2		
	d	Literature Review	2		
	e	Preparing Sample Questionnaire	2		
II Data Collection	a	Types and Sources of data	4		
	b	Methods of Collections	3		
	c	Input and editing	3		
III Data Analysis	a	Qualitative data analysis	5		
	b	Quantitative analysis	5		
IV Structure of a Research Report	a	Preliminaries	2		
	b	Text	2		
	c	References	2		
	d	Bibliography and Citation	2		
	e	Abstract	2		
V Preperation of Reseach Report		Prepration of Reseach Report	10		
	TOTAL		40		

SUBJECT NAME	Geography of Tourism	BA (P)	Semester	VI	

UNITS	Sub Topics of Units		No. of Lectures		
		Sub topics			
I Concepts	a	Important concepts	2		
	b	Nature and Scope	2		
	c	Inter-relationship of Tourism, Recreation and Lesiure	3		
	d	Geographic parametres of Tourism	3		
II Types of Tourism	a	Nature Tourism	3		
	b	Cultural Tourism	3		
	c	Medical Tourism	2		
	d	Pilgrimage Tourism	2		
III Revent Trends in Tourism	a	International and Regional	2		
	b	Domestic	2		
	c	EcoTourism	2		
	d	Sustainable Tourism	2		
	e	MIEC Tourism	2		
IV Impact		Economic	4		
		Social	3		
		Environmental	3		
V Tourism in India	a	Tourism Infrastructure	2		
	b	Case Studies: Himalaya	2		
	c	Desert	2		
	d	Coastal	1		
	e	heritage	1		
	f	National Tourism Policy	2		
			50		
TEACHER'S LESSON PLAN 2018-19					
Teachers's Name	Department	Course	Subjects		
Dr. Mamta Arora	Geography	BA (H) Geography			

SUBJECT NAME		Cartographic Techniques	Semester	I
UNITS	Sub Topics of Units			
		Sub topics	No. of Lectures	
I Nature and Scope of Cartography	a	Cartography	2	
	b	Nature and Scope of Cartography	4	
II Scale	a	Simple	6	
	b	Comparative	4	
	c	Diagonal	4	
III Map Projection	a	Polar Zenithal Stereographic Projection	4	
	b	Mercator's Projection	4	
	c	Bonne's Projection	4	
	d	UTM	2	
IV Toposheet Interpretation	a	Physical Features	6	
	b	Cultural Features	6	
	c	Cross Profile	4	
	d	Longitudinal Profile	4	
V Wentworth's Method of Slope Analysis	a	Slope Analysis	6	
	TOTAL		60	
SUBJECT NAME	Spatial Statistical Techniques		Semester	III
UNITS	Sub Topics of Units			
		Sub topics	No. of Lectures	
I Statistical and Statistical Data	a	Spatial and Non-spatial data	2	
	b	Indices of Inequality and diasparity	2	
II Probability	a	Propability theory	2	
	b	Probability density function: Normal	2	

	c	Bionomial	2
	d	Poisson	2
III Sampling	a	Sampling Plan for spatial and non-spatial data	2
	b	Sampling distribution	2
	c	Sampling estimate for large size samples involving mean and proportion	2
	d	Sampling estimate for small size samples involving mean and proportion	2
IV Correlation and regression	a	Rank Order	2
	b	Product Moment	2
	c	Linear Regression	2
	d	Residual from regression	2
	e	Simple Curvilnear Regression	2
	f	Introduction to Multiariate Analysis	2
V Time Series Analysis	a	Time Series Process	4
	b	Smoothing Time-series	2
	c	Time Series Components	2
	TOTAL		40
SUBJECT NAME	Agricultural Geography		Semester
UNITS	Sub Topics of Units		
		Sub topics	No. of Lectures
I Defining the field	a	Introduction	2

	b	Nature and scope	4
	c	Land use land cover definition and classification	4
II Determinants of Agriculture	a	Physical	4
	b	Technological	4
	c	Institutional	2
III Agricultural Regions of India	a	Agro-climatic	4
	b	Agro-ecological	4
	c	Crop-combination	2
IV Agriculture Systems of the World	a	Whittlesey Classification	4
	b	Von Thunen Model	4
	c	Relevance and modification of Von Thunen Model	2
V Agricultural Revolution in India	a	Green	3
	b	White	3
	c	Blue	2
	d	Pink	2
	TOTAL		
			50
SUBJECT NAME	Research Methods		Semester
UNITS	Sub Topics of Units		
		Sub topics	No. of Lectures
I Geogrpahic Inquiry	a	Definition and Ethics	2
	b	Framing reseach Questions	2
	c	Setting Objectives and Hypothesis	2
	d	Literature Review	2
	e	Preparing Sample Questionnaire	2

II Data Collection	a	Types and Sources of data	4
	b	Methods of Collections	3
	c	Input and editing	3
III Data Analysis	a	Qualitative data analysis	5
	b	Quantitative analysis	5
IV Structure of a Research Report	a	Preliminaries	2
	b	Text	2
	c	References	2
	d	Bibliography and Citation	2
	e	Abstract	2
V Preperation of Reseach Report		Prepration of Reseach Report	10
	TOTAL		40
SUBJECT NAME	Evolution of Geographical Thought		Semester
UNITS	Sub Topics of Units		
		Sub topics	No. of Lectures
I Paradigms in Geography	a	Defining Paradigm	5
	b	Geographical Paradigm	5
II Pre-Modern	a	Classical Philosophy	5
	b	Medivel Philosophy	5
III Modern	a	German Thinking	2
	b	France Thinking	2
	c	Britain	3
	d	USA	3
IV Debates	a	Environemntal Determinism and Possiblism	4
		Systematic and Regional	3
		Ideographic and Nomothetic	3
Trends	a	Quantitative Revolution and Its Impacts	2

	b	Behaviouralism	2
		System	
	c	Approach	1
	d	Radicalism	1
	e	Feminism	1
		Post	
	f	Modernism	1
		Changing	
	g	concept of space	1
		Future of	
	h	Geography	1
	TOTAL		50
SUBJECT NAME	Geography of Tourism		BA (P)
UNITS	Sub Topics of Units		Semester
		Sub topics	No. of Lectures
I Concepts	a	Important concepts	2
	b	Nature and Scope	2
		Inter-relationship of Tourism, Recreation and Lesiure	
	c		3
		Geographic parametres of Tourism	
	d		3
II Types of Tourism	a	Nature Tourism	3
	b	Cultural Tourism	3
	c	Medical Tourism	2
	d	Pilgrimage Tourism	2
III Revent Trends in Tourism	a	International and Regional	2
	b	Domestic	2
	c	EcoTourism	2
		Sustainable Tourism	
	d		2
	e	MIEC Tourism	2
IV Impact		Economic	4
		Social	3
		Environmental	3

V Tourism in India	a	Tourism Infrastructure	2	
	b	Case Studies: Himalaya	2	
	c	Desert	2	
	d	Coastal	1	
	e	heritage	1	
	f	National Tourism Policy	2	
			50	

**TEACHER'S
LESSON
PLAN FOR
YEAR 2020-
21**

Teacher's name	Department	Course	Subjects
Dr. Neetu Malik	Geography		
		B.A (H) Geography II Sem	Thematic Cartography(PRACTICAL)
		B.A (H) Geography V Sem (DSE)	Population Geography
		B.A (H) Geography III Sem (Generic Elective)	Rural Development
		B.A (P) Geography I Sem	Physical Geography
		B.A (P) Geography VSem	Disaster Risk Reduction

**SUBJECT
NAME :**
**Thematic
Cartography**

UNITS	Sub Topics of Units	sub topics	No. of Lectures
I	a	Maps – Classification and Types	3
	b	Principles of Map Design	4
II	a	Diagrammatic Data Presentation	8
	b	Line	6
	c	Bar	6
	d	Circle	8
III	a	Thematic Mapping Techniques	8
IV	a	Cartographic Overlays	8
	b	Point	8
	c	Line	8
	d	Areal data	8
V	a	Thematic Maps	8
	b	Preparation	8
	c	Interpretation	8

SUBJECT
NAME :
Population
Geography

UNITS	Sub Topics of Units	sub topics	No. of Lectures
I	a	Defining the Field	2
	b	nature and scope	2
	c	Sources of Data with special reference to India	2
	d	vital statistics	2
	e	NSS	2
II	a	Population Size	2
	b	Distribution and Growth	3
	c	Determinants and Patterns	2
	d	Theories of Growth – Malthusian Theory	2
	e	Demographic Transition Theory.	3
III	a	Population Dynamics: Fertility	2
	b	Mortality	3
	c	Migration	2
	d	Measures	3
	e	Determinants	3
	f	Patterns	2
IV	a	Population Composition	3
	b	Characteristics – Age-Sex Composition	2
	c	Rural and Urban Composition	2
	d	Literacy.	2
V	a	Contemporary Issues – Ageing of Population	2
	b	Declining Sex Ratio	2
	c	HIV/AIDS	4

SUBJECT
NAME : Rural
Development

UNITS	Sub Topics of Units	sub topics	No. of Lectures
II	a	Defining Development	2

	b	Inter-Dependence of Urban and Rural Sectors of the Economy	4
	c	Need for Rural Development	4
	d	Gandhian Approach of Rural Development.	4
II	a	Rural Economic Base: Panchayatiraj System	2
	b	Agriculture and Allied Sectors	2
	c	Seasonality and Need for Expanding Non-Farm Activities	2
	d	Co-operatives, PURA	2
III	a	Area Based Approach to Rural Development	2
	b	Drought Prone Area Programmes	2
	c	PMGSY	2
IV	a	Target Group Approach to Rural Development	2
	b	SJSY, MNREGA	4
	c	Jan Dhan Yojana	4
	V a	Provision of Services – Physical and Socio-Economic Access to Elementary Education	4
	b	Primary Health Care and Micro credit	4

SUBJECT

NAME :

Physical

Geography

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a	Definition and meaning of Physical Geography	2
	b	Scope of Physical Geography	2
	c	Concept of system and characteristics	3
	d	Earth System Function	2
	e	Concept of system and characteristics	3
	f	Components of Earths Natural System	3
	g	Interaction Between Speheres	3
2	a	Atmosphere: Heat Balance	3
	b	Global Circulation Pattern	4
	c	Tropical Cyclones	3

	d	Monsoon	4
	e	Climatic Classification (Koppen).	4
3	a	Lithosphere: Internal Structure of Earth based on Seismic Evidence	2
	b	Plate Tectonics and its Associated Features.	4
4	a	Fluvial Cycle of Erosion – Davis	4
	b	Fluvial Cycle of Erosion – Penck	4
5	a	Hydrosphere: Hydrological Cycle	
	b	Ocean Bottom Relief Features	
SUBJECT NAME :			
Disaster Risk Reduction			

UNITS	Sub Topics of Units		No. of Lectures
		sub topics	
1	a.	Definition and Concept of Risk	2
	b.	Definition and Concept of Hazard	2
	c.	Definition and Concept of Disaster	2
	d.	Definition and Concept of Vulnerability	2
	e.	Interrelation of the concepts	1
2	a.	Disaster in India:Causes, Impact, Distribution and Mapping of Flood	4
	b.	Disaster in India:Causes, Impact, Distribution and Mapping of Landslide	4
	c.	Disaster in India:Causes, Impact, Distribution and Mapping of Drought	4
3	a.	Disaster in India:Causes, Impact, Distribution and Mapping of Earthquake	4
	b.	Disaster in India:Causes, Impact, Distribution and Mapping of Tsunami	4
	c.	Disaster in India:Causes, Impact, Distribution and Mapping of Cyclone	4
4	a	Manmade Disasters: Causes, Impact, Distribution and Mapping	6
5	a.	Mitigation and Preparedness During Disasters	4

	b.	NDMA and NIDM	2
	c.	Indigenous Knowledge	2
	d.	Community-Based Disaster Management	2
	e.	Do's and Don'ts of Disasters	3

TEACHER'S LESSON PLAN 2018-19

Academic
Session 2018-
19

Teacher's name	Department	Course	Subjects
Dr. Neetu Malik	Geography	B.A Hons II Semester	Thematic Cartography
		B.A Hons V Semester	Population Geography
		B.A Hons VI Semester	Hydrology and Oceanography
		B.A Prog IV Semester	Environmental Geography
		B.A Prog V Semester	Disaster risk reduction

SUBJECT NAME Thematic cartography

UNITS	Sub Topics of Units		No. of Lectures
		sub topics	
1	a	Maps - classification	2
	b	Types of maps	2
	c	Principles of map design	4
	d	Diagrammatic representation of data	2
2	e	Thematic map techniques	2
	a	Line graph and its properties	4
3	b	Bar diagram and its properties	4
	a	Choropleth method	4
	b	Dot method	4
	c	Pie diagram	4
	d	Proportional circles	4
4	e	Isopleth method	4
	a	Cartographic overlays	4
	b	Tracing and interpretation work	4
	c	Analysis and representation of census data	6
TOTAL			54

SUBJECT NAME population Geography

UNITS	Sub Topics of Units
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UNITS		sub topics	No. of Lectures
1	a	Nature and scope	2
	b	Sources of data	2
	c	census of India	2
	d	Vital statistics and NSS	4
2	a	population size	6
	b	World distribution of population	2
	c	Growth of population	4
	d	Malthus theory	4
	e	Demographic transition modal	4
		Measure, determinents and	
3	a	implications of fertility	4
		Measure, determinents and	
	b	implications of mortality	4
		Types, causes and consequences of	
	c	migration	4
4	a	Age - sex composition of population	4
		Rural - urban composition and its	
	b	characteristics	4
		Literacy - trends along with causes	
	c	and consequences	3
5	a	Contemporary issues of population	1
	b	Ageing of population	2
	c	Declining sex ratio	2
	d	HIV/AIDS	3
Total			61

SUBJECT NAME	Hydrology and Oceanography		
UNITS	Sub Topics of Units		
	sub topics	No. of Lectures	
1	a	Systems approach in hydrology	3
	b	Human impact on hydrological cycle	4
	c	Precipitation, interception , run off	4

	d	evapo transpiration, infiltration, ground water	4
	e	Hydrological input output	3
2	a	Characteristics of river basins	4
	b	Basin surface run off	3
	c	Measurement of river discharge	3
	d	Floods and droughts	4
	e	Ocean floor topography	4
	f	Ocean movements - Ocean currents	4
	g	waves and tides	3
3	a	Ocean salinity - distribution and determinants	4
	b	Ocean temperature - distribution and determinants	4
4	a	Types of coral reefs	3
	b	Theories of origin	3
	c	Biotic, minerals	2
	TOTAL		59

SUBJECT NAME Disaster risk reduction

UNITS	Sub Topics of Units		No. of Lectures
		sub topics	
1	a	Definition and meaning of disaster, risk, hazard	2
	b	Vulnerability and disasters	2
2	a	Floods in India - causes and impact	2
	b	Distribution and mapping of floods	4
	c	Droughts in India - causes and impact	2
	d	Distribution and mapping of droughts	4
3	a	Earthquakes in India - causes and impact	2
	b	Distribution and mapping of earthquakes	2
	c	Cyclones in India - causes and impact	4
	d	Distribution and mapping of cyclones	4
4	a	causes and impact of human induced disasters	4
	b	Distribution and mapping of human induced disasters	4

5 a	Disaster risk reduction	4
b	Mitigation and preparedness	4
c	Role of NDMA and NIDM	4
d	Community based disaster management	4

TOTAL 52

SUBJECT NAME		Environmental Geography	
UNITS	Sub Topics of Units		No. of Lectures
	sub topics		
1 a	Concept and approaches of Environmental geography		3
b	Ecosystem - concept and structure		3
c	Ecosystem - functioning		3
2 a	Human - environmental relationships- Equatorial regions		4
b	Human - environmental relationships- Desert regions		4
c	Human - environmental relationships - Coastal regions		4
d	Human - environmental relationships -Mountainous regions		4
3 a	air pollution and its management		4
b	Bio diversity loss and its management		4
c	Solid and liquid waste and its management		4
4 a	Environmental programs and policies - developed countries		4
b	Environmental programs and policies - developing countries		6
5 a	New environmental policies in India		6
b	Government initiative		4
Total			57

**TEACHER'S
LESSON
PLAN FOR
YEAR 2019-
20**

Teacher's name	Department	Course	Subjects
Dr. Roshani Devi	Geography	B.A (H) Geography I sem	Cartographic Techniques
		B.A (H) Geography V Sem	Regional Planning and Development
		B.A (H) Geography VI Sem	Disaster Management Based Field Work
		B.A (P) Geography II Sem	Human Geography
		B.A (P) Geography VI Sem	Disaster Management

**SUBJECT
NAME :**
**Cartographic
Techniques**

UNITS	Sub Topics of Units	sub topics	No. of Lectures
I Cartography	a	Cartography- Meaning and Definitions	2
	b	Nature and Scope of Cartography	2
	a	Simple	8
	b	Comparative	6
	c	Diagonal	6
II Map Projection	a	Polar Zenithal Stereographic Projection	8
	b	Mercator's Projection	8
	c	Bonne's Projection	8
III Profiles	a	Longitudinal Profile	8
	b	Cross Profile	8
	c	Slope Analysis: Wentworth	8
IV Toposheet Interpretation	a	Physical Features	8
	b	Cultural Features	8

V Weather Map	a	Interpretation	8
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SUBJECT

NAME :

Regional

Planning and

Development

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a	Concept and Definition of Region	2
	b	Evolution, objectives and need of Regional Planning	2
	c	Planning and Types of Planning	2
	d	Basis of Regional Planning	2
	e	Types of Regional Planning	2
2	a	Concept and Meaning of Planning Region	2
	b	Chracteristics of Planning Region	3
	c	Methods of delineation of Planning Region	2
	d	Regionalisation in India for Planning	2
	e	Agro Ecological Regionalisation in India	3
3	a	Theories and Models for Regional Planning: Significance	2
	b	Growth Pole Model of Perroux	3
	c	Growth Centre Model in Indian Context by R.P Mishra	2
	e	Circular cumulative causation Theory of Gunnar Myrdal	3
	f	Unbalanced Growth Theory by Hirschman	3
	g	Rostow's Stages of Growth	2
	h	Friedmann Model of Core Prophecy	3
	i	Village Cluster Model	2
4	a	Changing Concept of Development	2
	b	Concept of Underdevelopmet	2
	c	Efficeincy and Equity Debate	2
5	a	Measures of Development	2
	d	Indicators Of Development: Social, Economic and Environmental	4
	c	Concept of Human Development	2

**SUBJECT
NAME :
Disaster
Management
Based Field
Work**

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a	Concept and meaning and Types of Risk	2
	b	Concept and meaning and Types of Hazard	4
	c	Concept and meaning and Types of Disaster	4
	d	Concept and meaning and Types of Vulnerability	4
	e	Interrelationship of the concepts	1
	f	HRVC Analysis	2
2	a	Meaning of Disaster Management	2
	b	Disaster Prevention	1
	c	Disaster Preparedness	1
	d	Disaster Relief	1
	e	Disaster Recovery	1
	f	Disaster Management Cycle.	2
3	a	Role of Community in Disaster Management in Field studies	4
	b	Role of Government in Disaster Management in Field studies	4
4	a	Disaster Preparedness Plan	8

**SUBJECT
NAME :
Human
Geography**

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a	Definition and meaning of Human Geography	2
	b	Nature Of Human Geography	2
	c	Major subfields	3

	d	Contemporary Relevance	2
2	a	Cultural Regions	3
	b	Races	3
	c	Religion	3
	d	Languages	3
3	a	Population Growth	4
	b	Demographic Transition Theory	3
4	a	Population Distribution	4
	b	Population Composition	4
5	a	Settlements	2
	b	Rural settlements	4
	c	Urban Settlements	4
	d	World Urbanisation	4

SUBJECT

NAME :

**Disaster
Management**

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a.	Definition and Concept of Risk	2
	b.	Definition and Concept of Hazard	2
	c.	Definition and Concept of Disaster	2
	d.	Definition and Concept of Vulnerability	2
	e.	Interrelation of the concepts	1
2	a.	Disaster in India:Causes, Impact, Distribution and Mapping of Flood	4
	b.	Disaster in India:Causes, Impact, Distribution and Mapping of Landslide	4
	c.	Disaster in India:Causes, Impact, Distribution and Mapping of Drought	4
3	a.	Disaster in India:Causes, Impact, Distribution and Mapping of Earthquake	4
	b.	Disaster in India:Causes, Impact, Distribution and Mapping of Tsunami	4
	c.	Disaster in India:Causes, Impact, Distribution and Mapping of Cyclone	4

4	a	Manmade Disasters: Causes, Impact, Distribution and Mapping	6
5	a.	Mitigation and Preparedness During Disasters	4
	b.	NDMA and NIDM	2
	c.	Indigenous Knowledge	2
	d.	Community-Based Disaster Management	2
	e.	Do's and Don'ts of Disasters	3

**TEACHER'S
LESSON
PLAN FOR
YEAR 2017-
18**

Teacher's name	Department	Course	Subjects
Dr. Roshani Devi	Geography		
		B.A (H) Geography I sem	Disaster Management (GENERIC)
		B.A (H) Geography II Sem	Regional Development (GENERIC)
		B.A (H) Geography V Sem	Regional Planning and Development
		B.A (H) Geography VI Sem	Evolution of Geographical Thought
		B.A (P) Geography I Sem	Physical Geography
		B.A (P) Geography VI Sem	Disaster Management

**SUBJECT
NAME :
Disaster
Managem
ent:
Generic**

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a.	Definition and Concept of Risk	2
	b.	Definition and Concept of Hazard	2
	c.	Definition and Concept of Disaster	2
	d.	Definition and Concept of Vulnerability	2
	e.	Interrelation of the concepts	1
2	a.	Disaster in India: Causes, Impact, Distribution and Mapping of Flood	4

	b.	Disaster in India: Causes, Impact, Distribution and Mapping of Landslide	4
	c.	Disaster in India: Causes, Impact, Distribution and Mapping of Drought	4
3	a.	Disaster in India: Causes, Impact, Distribution and Mapping of Earthquake	4
	b.	Disaster in India: Causes, Impact, Distribution and Mapping of Tsunami	4
	c.	Disaster in India: Causes, Impact, Distribution and Mapping of Cyclone	4
4	a	Manmade Disasters: Causes, Impact, Distribution and Mapping	6
5	a.	Mitigation and Preparedness During Disasters	4
	b.	NDMA and NIDM	2
	c.	Indigenous Knowledge	2
	d.	Community-Based Disaster Management	2
	e.	Do's and Don'ts of Disasters	3

**SUBJECT
NAME :
Regional
Develop
ment:
Generic**

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a	Concept and Definition of Region	2
	b	Regional Planning	2
	c	Planning and Types of Planning	2
	d	Types of Regional Planning	4
	e	Regional Development	2
2	a	Regional Imbalance in India	4
	b	Problems of Functional Regions	3
3	a	Concept and Meaning of Planning Region	2
	b	Characteristics of Planning Region	4
	c	Methods of delineation of Planning Region	4
	d	Regionalisation in India	2
	e	Agro Ecological Regionalisation in India	4

4	a	Regional Planning	2
	b	Growth Pole Model of Perroux	4
	c	by R.P. Mishra	2
	d	Village Cluster Model	2
5	a	Regional Development Plans in FYP in India	2
	b	Special Area and Problem Area Plans in India	4
	c	DVC-The Success Story and the Failures.	3

**SUBJECT
NAME :**
**Regional
Planning
and
Develop
ment**

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a	Concept and Definition of Region	2
	b	Evolution, objectives and need of Regional Planning	2
	c	Planning and Types of Planning	2
	d	Basis of Regional Planning	2
	e	Types of Regional Planning	2
2	a	Concept and Meaning of Planning Region	2
	b	Chracteristics of Planning Region	3
	c	Methods of delineation of Planning Region	2
	d	Regionalisation in India for Planning	2
	e	Agro Ecological Regionalisation in India	3
3	a	Theories and Models for Regional Planning: Significance	2
	b	Growth Pole Model of Perroux	3
	c	Growth Centre Model in Indian Context by R.P Mishra	2
	e	Circular cumulative causation Theory of Gunnar Myrdal	3
	f	Unbalanced Growth Theory by Hirschman	3
	g	Rostow's Stages of Growth	2
	h	Friedmann Model of Core Prophecy	3

	i	Village Cluster Model	2
4	a	Changing Concept of Development	2
	b	Concept of Underdevelopmet	2
	c	Efficeincy and Equity Debate	2
5	a	Measures of Development	2
	d	Indicators Of Development: Social, Economic and Environmental	4
	c	Concept of Human Development	2

**SUBJECT
NAME :
Evolution
of
Geograph
ical
Thought**

UNITS	Sub Topics of Units	sub topics	No. of Lectures
I	a	Defining Paradigm	1
	b	Kuhn Model	2
	c	Geographical Paradigm	3
II	a	Classical Philosophy	4
	b	Medivel Philosophy	4
III	a	German Thinking	3
	b	France Thinking	3
	c	Britain	3
	d	USA	3
IV	a	Environemntal Determinism and Possiblism	3
		Systematic and Regional	3
		Ideographic and Nomothetic	3
V	a	Quantitative Revolution and Its Imapcts	3
	b	Behaviouralism	2
	c	System Approach	2
	d	Radicalism	2
	e	Feminism	2
	f	Post Modernism	2
	g	Changing concept of space	2
	h	Future of Geography	2

SUBJECT
NAME :
Physical
Geograph
y

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a	Definition and meaning of Physical Geography	2
	b	Scope of Physical Geography	1
	c	Concept of system and characteristics	2
	d	Earth System Function	2
	e	Concept of system and characteristics	2
	f	Components of Earths Natural System	2
	g	Interaction Between Speheres	1
2	a	Atmosphere: Heat Balance	3
	b	Global Circulation Pattern	2
	c	Tropical Cyclones	2
	d	Monsoon	3
	e	Climatic Classification (Koppen).	3
3	a	Lithosphere: Internal Structure of Earth based on Seismic Evidence	4
	b	Plate Tectonics and its Associated Features.	3
4	a	Fluvial Cycle of Erosion – Davis	4
	b	Fluvial Cycle of Erosion – Penck	3
5	a	Hydrosphere: Hydrological Cycle	2
	b	Ocean Bottom Relief Features	3
	c	Tides: Types, Theories and Force	3
	d	Ocean Currents: Factors and Types and Distribution	4

SUBJECT
NAME :
Disaster
Managem
ent

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a.	Definition and Concept of Risk	2
	b.	Definition and Concept of Hazard	2

	c.	Definition and Concept of Disaster	2
	d.	Definition and Concept of Vulnerability	2
	e.	Interrelation of the concepts	1
2	a.	Disaster in India:Causes, Impact, Distribution and Mapping of Flood	4
	b.	Disaster in India:Causes, Impact, Distribution and Mapping of Landslide	4
	c.	Disaster in India:Causes, Impact, Distribution and Mapping of Drought	4
3	a.	Disaster in India:Causes, Impact, Distribution and Mapping of Earthquake	4
	b.	Disaster in India:Causes, Impact, Distribution and Mapping of Tsunami	4
	c.	Disaster in India:Causes, Impact, Distribution and Mapping of Cyclone	4
4	a	Manmade Disasters: Causes, Impact, Distribution and Mapping	6
5	a.	Mitigation and Preparedness During Disasters	4
	b.	NDMA and NIDM	2
	c.	Indigenous Knowledge	2
	d.	Community-Based Disaster Management	2
	e.	Do's and Don'ts of Disasters	3

**TEACHER'S
LESSON
PLAN FOR
YEAR 2018-
19**

Teacher's name	Department	Course	Subjects
Dr. Roshani Devi	Geography		
		B.A (H) Geography I sem	Cartographic Techniques
		B.A (H) Geography II Sem	Regional Development (GENERIC)
		B.A (H) Geography V Sem	Regional Planning and Development

B.A (H) Geography VI Sem	Disaster Management Based Field Work
B.A (P) Geography I Sem	Physical Geography
B.A (P) Geography VI Sem	Disaster Management

**SUBJECT
NAME :
Cartographic
Techniques**

UNITS	Sub Topics of Units	sub topics	No. of Lectures
I Cartography	a	Cartography- Meaning and Definitions	2
	b	Nature and Scope of Cartography	2
	a	Simple	8
	b	Comparative	6
	c	Diagonal	6
II Map Projection	a	Polar Zenithal Stereographic Projection	8
	b	Mercator's Projection	8
	c	Bonne's Projection	8
III Profiles	a	Longitudinal Profile	8
	b	Cross Profile	8
	c	Slope Analysis: Wentworth	8
IV Toposheet Interpretation	a	Physical Features	8
	b	Cultural Features	8
V Weather Map	a	Interpretation	8

**SUBJECT
NAME :
Regional
Develop
ment:
Generic**

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a	Concept and Definition of Region	2
		Evolution, objectives and need of	
	b	Regional Planning	2
	c	Planning and Types of Planning	2
	d	Types of Regional Planning	4
	e	Regional Development	2
2	a	Regional Imbalance in India	4
	b	Problems of Functional Regions	3
3	a	Concept and Meaning of Planning Region	2
	b	Chracteristics of Planning Region	4
	c	Methods of delineation of Planning Region	4
	d	Regionalisation in India	2
	e	Agro Ecological Regionalisation in India	4
4	a	Significance of Strategies/Models for Regional Planning	2
	b	Growth Pole Model of Perroux	4
	c	Growth Centre Model in Indian Context by R.P. Mishra	2
	d	Village Cluster Model	2
5	a	Regional Development Plans in FYP in India	2
	b	Special Area and Problem Area Plans in India	4
	c	DVC-The Success Story and the Failures.	3

**SUBJECT
NAME :
Regional
Planning
and
Develop
ment**

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a	Concept and Definition of Region	2
	b	Evolution, objectives and need of Regional Planning	2
	c	Planning and Types of Planning	2
	d	Basis of Regional Planning	2
	e	Types of Regional Planning	2
2	a	Concept and Meaning of Planning Region	2
	b	Chracteristics of Planning Region	3
	c	Methods of delineation of Planning Region	2
	d	Regionalisation in India for Planning	2
	e	Agro Ecological Regionalisation in India	3
3	a	Theories and Models for Regional Planning: Significance	2
	b	Growth Pole Model of Perroux	3
	c	Growth Centre Model in Indian Context by R.P Mishra	2
	e	Circular cumulative causation Theory of Gunnar Myrdal	3
	f	Unbalanced Growth Theory by Hirschman	3
	g	Rostow's Stages of Growth	2
	h	Friedmann Model of Core Prophecy	3
	i	Village Cluster Model	2
4	a	Changing Concept of Development	2
	b	Concept of Underdevelopmet	2
	c	Efficeincy and Equity Debate	2
5	a	Measures of Development	2
	d	Indicators Of Development: Social, Economic and Environmental	4
	c	Concept of Human Development	2

**SUBJECT
NAME :
Disaster
Managem
ent Based
Field
Work**

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a	Concept and meaning and Types of Risk	2
	b	Concept and meaning and Types of Hazard	4
	c	Concept and meaning and Types of Disaster	4
	d	Concept and meaning and Types of Vulnerability	4
	e	Interrelationship of the concepts	1
	f	HRVC Analysis	2
2	a	Meaning of Disaster Management	2
	b	Disaster Prevention	1
	c	Disaster Preparedness	1
	d	Disaster Relief	1
	e	Disaster Recovery	1
	f	Disaster Management Cycle.	2
3	a	Role of Community in Disaster Management in Field studies	4
	b	Role of Government in Disaster Management in Field studies	4
4	a	Disaster Preparedness Plan	8

**SUBJECT
NAME :**
Physical
Geograph
y

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a	Definition and meaning of Physical Geography	2
	b	Scope of Physical Geography	1
	c	Concept of system and characteristics	2
	d	Earth System Function	2
	e	Concept of system and characteristics	2
	f	Components of Earths Natural System	2
	g	Interaction Between Speheres	1
2	a	Atmosphere: Heat Balance	3
	b	Global Circulation Pattern	2
	c	Tropical Cyclones	2
	d	Monsoon	3

	e	Climatic Classification (Koppen).	3
3	a	Lithosphere: Internal Structure of Earth based on Seismic Evidence	4
	b	Plate Tectonics and its Associated Features.	3
4	a	Fluvial Cycle of Erosion – Davis	4
	b	Fluvial Cycle of Erosion – Penck	3
5	a	Hydrosphere: Hydrological Cycle	2
	b	Ocean Bottom Relief Features	3
	c	Tides: Types, Theories and Force	3
	d	Ocean Currents: Factors and Types and Distribution	4

**SUBJECT
NAME :
Disaster
Managem
ent**

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a.	Definition and Concept of Risk	2
	b.	Definition and Concept of Hazard	2
	c.	Definition and Concept of Disaster	2
	d.	Definition and Concept of Vulnerability	2
	e.	Interrelation of the concepts	1
2	a.	Disaster in India: Causes, Impact, Distribution and Mapping of Flood	4
	b.	Disaster in India: Causes, Impact, Distribution and Mapping of Landslide	4
	c.	Disaster in India: Causes, Impact, Distribution and Mapping of Drought	4
3	a.	Disaster in India: Causes, Impact, Distribution and Mapping of Earthquake	4
	b.	Disaster in India: Causes, Impact, Distribution and Mapping of Tsunami	4
	c.	Disaster in India: Causes, Impact, Distribution and Mapping of Cyclone	4
4	a	Manmade Disasters: Causes, Impact, Distribution and Mapping	6
5	a.	Mitigation and Preparedness During Disasters	4
	b.	NDMA and NIDM	2
	c.	Indigenous Knowledge	2

	d.	Community-Based Disaster Management	2
	e.	Do's and Don'ts of Disasters	3

TEACHER'S LESSON PLAN FOR YEAR 2018-19

Teacher's name	Department	Course	Subjects
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Dr. SHADAB KHAN
CBCS

GEOGRAPHY
Shared with Dr. Sheetal Sharma

B.A. (H)

GEOGRPAHY

STATISTICAL METHODS IN GEOGRAPHY (PRACTICAL)			
SUBJECT NAME	Sub Topics of Units		No. of Lectures
		sub topics	
	B.A. (H) III Sem. 2018, 2019		GEOGRPAHY
UNITS		a. Geographical Data Matrix	3
1	Use of Data in Geography	b. Significance of Statistical Methods in Geography	3
		c. Sources of Data	3
		d. Scales of Measurement (Nominal, Ordinal, Interval, Ratio).	3
2		Tabulation and Descriptive Statistics	a. Frequencies (Deciles, Quartiles),
		b. Cross Tabulation	3
		c. Central Tendency (Mean, Median and Mode)	4
		d. Centro-graphic Techniques	3
		e. Dispersion (Standard Deviation, Variance and Coefficient of Variation)	3
3	Sampling:	a. Sampling :Random	5
		b. Sampling: Systematic	5
		c. Sampling:Stratified	5
4	Theoretical Distribution: Probability and Normal Distribution	a. Concept of Probability : Brief theoretical concept of probability	3
		b. Normal curve : Concept and properties	2
		c. find area under normal curve, Fit Normal curve to the data,	4
		d. plot normal curve with observed and expected frequencies	3
5	Association and Correlation:	a. Rank Correlation	4
		b. Product Moment Correlation	4
		c. Simple Regression	4
		d. Residuals from regression	4

LOCF Shared with Dr. Sheetal Sharma

STATISTICAL METHODS IN GEOGRAPHY (PRACTICAL)			
SUBJECT NAME	Sub Topics of Units		No. of Lectures
		sub topics	
	B.A. (H) 3 Sem. 2020, 2021		Geography
UNITS		a. Geographical Data Matrix	6
1	Use of Data in Geography	b. Significance of Statistical Methods in Geography	6
		c. Sources of Data	6

		d. Scales of Measurement (Nominal, Ordinal, Interval, Ratio).	6
2	Tabulation and Descriptive Statistics	a. Frequency Distribution Table	3
		b. Cross Tabulation	3
		c. Graphical Presentation of Data (Bar diagram, Histograms, Frequency Curve and Cumulative Frequency Curves),	3
		d. Measurement of Central Tendencies (Mean, Median and Mode),	3
		e. Measurement of Partitions (Deciles, Quartiles and Percentiles),	3
		f. Dispersion (Standard Deviation, Variance and Coefficient of Variation).	3
		g. Centro-graphic Techniques (Geographic Centre, Mean Centre of Population, Median points and Median Centre (based on Minimum Aggregate Distance Traveled)	3
		h. Distance Deviation from the Mean Centre	3
3	Sampling:	a. Sampling :Random	8
		b. Sampling: Systematic	8
		c. Sampling:Stratified	8
4	Theoretical Distribution	a. Concept of Probability Distribution (theory only),	6
		b. Normal Distribution (Its Characteristics and Application of Area Under Normal Curve)	6
		c. find area under normal curve, Fit Normal curve to the data,	6
		d. plot normal curve with observed and expected frequencies	6
5	Correlation:	a. Rank Correlation	6
		b. Product Moment Correlation	6
		c. Simple Regression	6
		d. Mapping of Residuals from Regression	6

CBCS

SUBJECT NAME	POLITICAL GEOGRAPHY	B.A. (H) VI sem. 2018, 2019,2020, 2021	GEOGRPAHY
UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	Introduction	a. Concepts	5
		b. Nature and Scope.	5

2	State, Nation and Nation State	a. Concept of Nation and State	2
		a. Attributes of State – Frontiers, Boundaries, Shape, Size, Territory and Sovereignty	6
		b. Concept of Nation State	3
		c. Geopolitics	2
		d. Theories (Heartland and Rimland)	4
3	Electoral Geography	a. Geography of Voting	3
		b. Geographic Influences on Voting pattern,	3
		c. Geography of Representation	3
		d. Gerrymandering	3
4	Political Geography of Resource Conflicts	a. Water Sharing Disputes	4
		b. Disputes and Conflicts Related to Forest Rights	6
		c. Disputes and Conflicts Related to Minerals	6
		a. Issues of relief	4
5	Politics of Displacement	b. compensation and rehabilitation: with reference to Dams	4
		c. compensation and rehabilitation: with reference to Special Economic Zones	4

shared with Guest teacher in 2020
shared with Mr. Jag Mohan and Ms. Shikha Yadav in 2021

CBCS

Paper: Sustainability and Development		B.A. (P) VI sem. 2018, 2019, 2020, 2021	GEOGRPAHY
UNITS	Sub Topics of Units	Sub topics	No. of Lectures
1	Sustainability	a. Definition	2
		b. Components	3
		c. Sustainability for Development	3
2	The Millennium Development Goals	a. National Strategies	5
		b. International Experiences	5
3	Sustainable Development	a. Need from different Ecosystems	5
		b. Examples from different Ecosystems	7
4	Inclusive Development	a. Education, Health	2
		b. Climate Change: The role of higher education in sustainability;	4
		c. The human right to health	2
		d. Poverty and disease	4
		e. Sustainable Livelihood Model; Policies	3
		f. Global Cooperation for Climate Change	2

5	Sustainable Development Policies and Programmes	a. Rio+20	3
		b. Goal-Based Development	3
		c. Financing for Sustainable Development	3
		d. Principles of Good Governance	3
		e. National Environmental Policy	2
		f. CDM.: Clean Development Mechanism	2

Shared with Dr. Neetu Mallik and Ms. Sneh in 2020-21.

CBCS

Paper: Disaster Management		B.A. (H) I sem. 2018, 2019, 2020	GEOGRPAHY
UNITS	Sub Topics of Units	No. of Lectures	
1	Disasters	a. Definition and Concepts	2
		b. Hazards,	3
		c. Disasters	3
		d. Risk and Vulnerability	2
		e. Risk and Vulnerability: Classification	2
2	Disasters in India (a)	a. Flood: Causes, Impact, Distribution and Mapping	5
		b. Landslide: Causes, Impact, Distribution and Mapping;	4
		c. Drought: Causes, Impact, Distribution and Mapping	5
3	Disasters in India (b)	a. Earthquake :Causes, Impact, Distribution and Mapping;	5
		b. Tsunami: Causes, Impact, Distribution and Mapping;	4
		c. Cyclone: Causes, Impact, Distribution and Mapping	5
4	Manmade Disasters	a. Causes,	3
		b. Impact	3
		c. Distribution	3
		d. Mapping	3
5	Response and Mitigation to Disasters	a. Mitigation and Preparedness	4
		b. NDMA and NIDM	3
		c. Indigenous Knowledge and Community-Based Disaster Management	4
		d. Do's and Don'ts During and Post Disasters	4

teaching since Jan 2018.

Paper:
**HUMAN
 GEOGRAPHY**

B.EL.ED. 2018, 2019, 2020, 2021.

UNITS	Sub Topics of Units	Sub topics	No. of Lectures
1	Human geography	a. major paradigm in changing trends.	6
2	Resource Geography	a. definition and classification of resources,	1
		b. land resources and land use classification	2
		c. water resources, ground water and surface water;	3
		d. energy resources- conventional (fuel wood coal, petroleum, and hydro)	4
		e. energy resources- non conventional (solar, wind and geothermal);	4
		f. biotic- forest	2
		g. bioticfisheries	2
3	Agricultural Geography	a. types of farming	1
		b. study of the following agricultural types (a) shifting agriculture	2
		c. (b) subsistence	2
		d. (c) commercial	2
		e. (d) plantation	2
		f. (e) dairy farming	2
		g. study of the following crops- (a) wheat	2
		h. (b) rice	2
		i. (c) cotton	2
		j. (d) sugarcane	2
		k. world agriculture problems.	1
4	Industrial Geography	a. factors affecting industrial location, major industries	1
		b. a) mineral based (petro chemicals)	2
		c. mineral based (iron & steel)	2
		d. (b) agro based	1
		e. (c) consumer based (automobiles and electronics);	2
		f. patterns and trends of industrialization	1
5	Population Geography	a. demographic variables- fertility, mortality, and migration	5
		b. population growth and demographic transition model	3
		c. causes and consequences in international migration	2
		d. population resource relationship-over,	1
		e. under and optimum population	1
		f. Population policies: types pronatalist and antinatalist.	2

6	Settlement Geography	a. classification of settlement rural and urban	2
		b. rural settlement – factors and types of rural settlement	2
		c. urban settlement – origin, classification criteria	2
		d. classification criteria and world urbanization pattern	2
		e. city and its region	2
7	Transport Geography	a. World pattern of rail	2
		b. World pattern of air	2
		c. World pattern of water ways	2
8	Understanding Maps and Diagram (Practical)	a. use of thematic maps (dot method)	2
		b. use of thematic maps (choropleth method)	2
		c. use of thematic maps (isopleths methods)	2
		d. located statistical diagrams (bar diagram)	2
		e. located statistical diagrams (pie chart)	2
		f. located statistical diagrams (line graph)	2
9	Project Work	a. a report based on local study of the geographical characteristics related to nay theme mentioned in different units in paper	8

CBCS shared with Ms. Sneh

Paper:	Field Work and Research Methodology (Practical)	B.A.(H) SEM, 3. 2020	Geography
UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	Field Work In Geographical Studies	a. Role,	3
		b. Value,	3
		c. Data	3
		d. and Ethics of Field-Work	3
2	the Case Study		2
		b. Urban	3
		c. Physical	2
		d. Human	3
		e. Environmental.	2
3	Field Techniques –	a. Merits, Demerits and Selection of the Appropriate Technique	2
		b. Observation (Participant / Non Participant),	3
		c. Questionnaires (Open/ Closed / Structured / Non-Structured);	3
		d. Interview with Special Focus on Focused Group Discussions	2

		e. ; Space Survey (Transects and Quadrants, Constructing a Sketch)	2
4	Use of Field Tools	a. Collection of Material for Physical	3
		b. Socio-Economic Surveys	3
5	Designing the Field Report	a. Aims and Objectives,	4
		b. , Methodology,	4
		c. Analysis, Interpretation	4
		d. Writing the Report.	4

shared with Dr. Puniyatoya Patra and
Ms.Sneh

LOCF

Paper:	Field Work and Research Methodology (Practical)	B.A.(H) SEM, 3. 2021	Geography
UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	Field Work In Geographical Studies	a. Role,	2
		b. Value,	2
		c. Data	2
		d. and Ethics of Field-Work	3
		Defining the Field and Identifying the Case Study a. Rural	3
		b. Urban	3
		c. Physical	3
		d. Human	3
		e. Environmental.	3
2	Data Collection	a. Type and Sources of Data	4
		b. Methods of Collection	5
		c. Data Analysis: Qualitative Data Analysis	5
		d. Quantitative Data Analysis	5
		e. Data Representation Techniques.	5
3	Field Techniques –	a. Merits, Demerits and Selection of the Appropriate Technique	4
		b. Observation (Participant / Non Participant),	5
		c. Questionnaires (Open/ Closed / Structured / Non-Structured);	5
		d. Interview with Special Focus on Focused Group Discussions	5
		e. Space Survey (Transects and Quadrants, Constructing a Sketch)	5
4	Use of Field Tools	a. Collection of Material for Physical	12
		b. Socio-Economic Surveys	12
5	Designing the Field Report	a. Aims and Objectives,	6
		b. Methodology,	6
		c. Analysis, Interpretation	6
		d. Writing the Report.	6

TEACHER'S LESSON PLAN 2018-19

Academic
Session 2018-19

Teacher's name	Department	Course	Subjects
Dr. SHEETAL SHARMA	Geography	B.A Hons, Geography, III Semester, Year II.	Statstcal Methods in Geograpghy (Practical)
		B.A Programe, III Semester, Year II	Regional Planning and Development (Skill Enhancement)
		B.A Hons, Geography, V Semester, Year III.	Geography of Natural Reources
		B.A Hons, Geography, IV Semester, Year II.	Economic Geography
		B.A Programe, VI Semester, Year III.	Field Techniques and Survey based Project Report (Practical,Skill Enhancement)
		B.A Hons, Geography, II Semester, Year I.	Human Geography

SUBJECT NAME Regional Planning and Development (Skill Enhancement), B.A Programe, III Semester, Year II.

UNITS	Sub Topics of Units		No. of Lectures
	Topic	sub topics	
1 Concept		Concept and Definition of Region and Re	4
		Need of Regional Planning	4
		Planning and Types of Regonal Planning	4
		Concept and Meaning of Planning	
2 Identification		Region	4
		Chracteristics of Planning Region	4
		Delineation of Planning Region	4
3 Regionalzation		Regionalisation in India for Planning	6
		Agro Ecological Regionalisation in India	6
4 Models for Regional Plan		Growth Pole Model of Perroux	4
		Core-periphery Model of Friedmann	4
5 Backward Regions and Re		Growth Foci Concept in Indian Context	6
		Meaning of Backward Regions	4
		Special Area Development Plans in India	5
4		DVC-The Success Story and the Failure:	5
		NITI Aayog	5
TOTAL			69

SUBJECT NAME Economic Geography;B.A Hons, Geography, IV Semester, Year II.			
UNITS	Sub Topics of Units		No. of Lectures
	Topic	sub topics	
1 INTRODUCTION		Concept of Economic Geography	4
		Classification of Economic Activities	3
		Factors Affecting Location of Economc	
2 Factors Affecting Location Activities		Von Thunen Agricultural Model	3
		Weber's Industriial Location Theory	3
3 Primary Activities		Meaning of Primary Activities	2
		Subsistance Agriculture	4
		Commercial Agriculture	6
		Forestry	4
		Fishing	4
		Mining	3
4 Secondary Activities		Meaning of Manufacturing Units	2
		Cotton Textlte Industries	5
		Iron and Steel Industres	5
		Concept of Manufacturing Regions	3
		SEZ Special Economic Zones	3
		Tecnology Parks	2
5 Tertiary Activities		Transport	6
		Trade	4
		Services	4
Total			73

SUBJECT NAME Geography of Natural Resources, B.A Hons, Geography, V Semester, Year III.			
UNITS	Sub Topics of Units		No. of Lectures
	Topic	sub topics	
1 Natural Reources		Concept of Natural Reources	3
		Classification of Natural Reources	4
		Techniques of Natural Reources	5
2 Land and Water		Meaning of Land Resorces	3
		Distribution, Utilization, Problems and Management of Land Resorces	6
		Distribution, Utilization, Problems and Management of Water Resorces	6
3 Forest and Energy		Distribution, Utilization, Problems and Management of Forest Resorces	8
		Distribution, Utilization, Problems and Management of Energy Resources	8
4 Appraisal and conservati		Meaning of Appraisal	4
		Appraisal of Natural Resources	4
		Meaning of conservation	3
		Conservationof Natural Resources	5
5 Sustainable Resource Dev		Meaning of Sustainable Resource	
		Development	3

Concept of Sustainable Resource Development	5
Techniques of Sustainable Resource Development	5
TOTAL	72

SUBJECT NAME Field Techniques and Survey based Project Report (Practical, Skill, B.A Programme, VI Semester, Year III.

UNITS	Sub Topics of Units		No. of Lectures
	Topic	sub topics	
1 Field work in Geographical		Role of Field work	4
		Value of Field work	3
		Ethics of Field work	3
2 Defining the Field work and		Identifying the case Study	4
		Rural case Study	4
		Urban case Study	4
		Physical case Study	4
		Human case Study	4
		Environmental case Study	6
		Meang of Field Techniques	4
3 Field Techniques		Merits of Field Techniques	4
		Demerits of Field Techniques	4
		Selection of the appropriate Field Techni	6
		Observation (Participant and Non-participant) of Field Techniques	6
4 Questionnaire		Types of Questionnaire: Open, Closed, !	8
		Interviews	6
		Space Survey	5
5 Designing the Field Repo		Introduction	4
		Aim and Objectives	4
		Methodology	8
		Analysis	6
		Interpretation	6
Continuous evaluation Examination			10
		Writing Report	
TOTAL			95

SUBJECT NAME Human Geography, B.A Hons, Geography, II Semester, Year I.

UNITS	Sub Topics of Units		No. of Lectures
		sub topics	
1 Introduction		Defination and concept of Human Geography	3
		Major themes	3
		Contemporary relevance	4
2 Characteristics and Globa		Cultural Realms	5
		Races	5
		Religion	5
		Language	5
3 Population growth		Meaning and definition of Population	3

	Population growth and Distribution	6
	Population Compoiton	4
	Demographic Tranition Theory	4
4 Settlements	Meaning of Settlements	3
	Types of Rural Settlements	5
	Classification of Urban Settlements	5
	Trends and Pattern of world	
	Urbanization	5
	Meaning of Population Resource	
5 Population Resource Reg	Region	3
	Over Population	2
	Urban Population	2
	Ackermen's Population Resource	
	Region	2
	Carrying Capacity	2
Total		76

**TEACHER'S
LESSON PLAN
FOR YEAR 2017-
18**

Teacher's name	Department	Course	Subjects
Ms SHIKHA YADAV	Geography		
		B.A (H) Geography I sem	Geography of Tourism (GENERIC)
		B.A (H) Geography IV Sem	Sustainable Development (GENERIC)
		B.A (H) Geography III Sem	Statistical Methods in Geography
		B.A (H) Geography VI Sem	Social Geography
		BA(H) IV Geography IV sem	GIS practical
		B.A (P) Geography I Sem	Physical Geography

SUBJECT NAME

**: Geography
of Tourism:
Generic**

CBCS

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a.	Definition and Concept of Tourism	2
	b.	Definition and Concept of Tourist	2
	c.	Definition and Concept of Tourist place	2
	d.	Definition and Concept of Recreation	2
	e.	Interrelation of the concepts	1
2	a.	Relationship between tourism and leisure	4
	b.	Relationship between tourism and recreation	4
	c.	Interlink among all above	4

3	a.	Tourism in India- Impacts	4
	b.	Importance of Tourism	4
	c.	Types of Tourism	4
4	a	Trends in Tourism Sector	6
5	a.	Types of Tourism	4
	b.	National Tourism Policy	2
	c.	Indigenous Knowledge	2
	d.	Tourism Infrastructure of India	2
	e.	Hospitality sector of India	3

SUBJECT NAME

: Sustainable

Development:

Generic

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a	Concept and Definition of Sustainability	2
	b	sustainable development	2
	c	Types of sustaniability	2
	d	Importance of Sustainable development	4
	e	Sustainable Development	2
2	a	Sustainable Imbalance in India	4
	b	Problems of sustainable development	3
3	a	Concept and Meaning of sustaniability	2
	b	Chracteristics of sustaniability	4
	c	Needs and Examples of sustainability	4
	d	Examples in India	2
	e	Examples from world	4
4	a	sustainable Planning	2
	b	Millenium Development Goals	4
	c	MDG in India	2
	d	MDG in world	2
5	a	Inclusive Development	2
	b	Climate change, health and education	4
	c	Sustainable programmes and policies	3

SUBJECT NAME

**: Statistical
methods in
Geography(PR
ACTICAL)**

UNITS	Sub Topics of Units	No. of Lectures
	sub topics	
1	Use of Data in Geography	a. Geographical Data Matrix
		b. Significance of Statistical Methods in Geography
		c. Sources of Data
		d. Scales of Measurement (Nominal, Ordinal, Interval, Ratio).
2	Tabulation and Descriptive Statistics	a. Frequencies (Deciles, Quartiles),
		b. Cross Tabulation
		c. Central Tendency (Mean, Median and Mode)
		d. Centro-graphic Techniques
		e. Dispersion (Standard Deviation, Variance and Coefficient of Variation)
3	Sampling:	a. Sampling :Random
		b. Sampling: Systematic
		c. Sampling:Stratified

4	Theoretical Distribution: Probability and Normal Distribution	a. Concept of Probability : Brief theoretical concept of probability
		b. Normal curve : Concept and properties
		c. find area under normal curve, Fit Normal curve to the data,
		d. plot normal curve with observed and expected frequencies
5	Association and Correlation:	a. Rank Correlation
		b. Product Moment Correlation
		c. Simple Regression
		d. Residuals from regression

SUBJECT NAME

: Social
Geography

UNITS	Sub Topics of Units	sub topics	No. of Lectures
I	a	Social Geography	1
	b	Concept	2
	c	Origin	3
II	a	Nature peopling process of India	4
	b	Scope and relevance	4
III	a	Social Categories	3
	b	class	3
	c	religion	3
	d	gender	3

IV	a	Geography of Welfare and wellbeing	3
		Concept	3
		components	3
V	a	Social geogrpahy of Inclusion and exclusion	3
	b	slums	2
	c	gated communities	2
	d	riots	2
	e	Feminism	2
	f	crime	2
	g	Changing concept of space	2
	h	Future of social Geography	2

SUBJECT NAME

: Physical
Geography

UNITS	Sub Topics of Units		No. of Lectures
		sub topics	
1	a	Definition and meaning of Physical Geography	2
	b	Scope of Physical Geography	1
	c	Concept of system and characteristics	2
	d	Earth System Function	2
	e	Concept of system and characteristics	2
	f	Components of Earths Natural System	2
	g	Interaction Between Speheres	1
2	a	Atmosphere: Heat Balance	3
	b	Global Circulation Pattern	2
	c	Tropical Cyclones	2
	d	Monsoon	3
	e	Climatic Classification (Koppen).	3
3	a	Lithosphere: Internal Structure of Earth based on Seismic Evidence	4
	b	Plate Tectonics and its Associated Features.	3
4	a	Fluvial Cycle of Erosion – Davis	4
	b	Fluvial Cycle of Erosion – Penck	3

5	a	Hydrosphere: Hydrological Cycle	2
	b	Ocean Bottom Relief Features	3
	c	Tides: Types, Theories and Force	3
	d	Ocean Currents: Factors and Types and Distribution	4

SUBJECT NAME

: GIS

UNITS	Sub Topics of Units		No. of Lectures
		sub topics	
1	a.	Geographic Information System	2
	b.	Meaning of GIS	2
	c.	Importance of GIS	2
	d.	Components of GIS	2
	e.	Software of GIS	1
2	a.	Meaning of Geospatial data	4
	b.	types of datas	4
	c.	Raster vs Vector data	4
3	a.	Global Positioning System	4
	b.	meaning	4
	c.	Components of GPS	4
4	a	Importance of GIS	6
5	a.	Application of GIS	4
	b.	Urban sprawling	2
	c.	vegetation management	2
	d.	climate change	2
	e.	land use and land cover	3

**TEACHER'S
LESSON PLAN
FOR YEAR 2018-**

Teacher's name	Department	Course	Subjects
Ms SHIKHA YADAV	Geography		
		B.A (H) Geography I sem	Geography of Tourism (GENERIC)
		B.A (H) Geography IV Sem	Sustainable Development (GENERIC)
		B.A (P) Geography IV Sem	Environment Geography
		B.A (H) Geography VI Sem	Social Geography
		BA(H) IV Geography IV sem	GIS practical
		B.A (H) Geography IV Sem	Environment Geography

SUBJECT NAME

: **Geography
of Tourism:
Generic**

CBCS

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a.	Definition and Concept of Tourism	2
	b.	Definition and Concept of Tourist	2
	c.	Definition and Concept of Tourist place	2
	d.	Definition and Concept of Recreation	2
	e.	Interrelation of the concepts	1
2	a.	Relationship between tourism and leisure	4
	b.	Relationship between tourism and recreation	4
	c.	Interlink among all above	4
3	a.	Tourism in India- Impacts	4
	b.	Importance of Tourism	4
	c.	Types of Tourism	4
4	a	Trends in Tourism Sector	6
5	a.	Types of Tourism	4
	b.	National Tourism Policy	2
	c.	Indigenous Knowledge	2
	d.	Tourism Infrastructure of India	2

	e.	Hospitality sector of India	3
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SUBJECT NAME

: Sustainable

Development:

Generic

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a	Concept and Definition of Sustainability	2
	b	Evolution, objectives and need of sustainable development	2
	c	Types of sustainability	2
	d	Importance of Sustainable development	4
	e	Sustainable Development	2
2	a	Sustainable Imbalance in India	4
	b	Problems of sustainable development	3
3	a	Concept and Meaning of sustainability	2
	b	Characteristics of sustainability	4
	c	Needs and Examples of sustainability	4
	d	Examples in India	2
	e	Examples from world	4
4	a	Significance Models for sustainable Planning	2
	b	Millennium Development Goals	4
	c	MDG in India	2
	d	MDG in world	2
5	a	Inclusive Development	2
	b	Climate change, health and education	4
	c	Sustainable programmes and policies	3

SUBJECT NAME Environment

: Geography

UNITS	Sub Topics of Units	No. of Lectures
	sub topics	
1	Meaning Of Environment	2
	Nature and scope of Environment geography	2
	Interdisciplinary nature of Environment	2
	Relevance of environment geography	2
2	Human environment relationships	
	Adaptations	4
	Human progression	2
	Environment progression	2
3	Ecosystem	2
	concept and components	4
	Types of Ecosystem	2

4	Environmenta l problems	4
	tropical areas	2
	temperate ares	2
	equatorial areas	2
5	Environmenta l programmes and policies	4
	local	2
	national	2
	International	2

SUBJECT NAME

: Social
Geography

UNITS	Sub Topics of Units	sub topics	No. of Lectures
I	a	Social Geography	1
	b	Concept	2
	c	Origin	3
II	a	Nature peopling process of India	4
	b	Scope and relevance	4
III	a	Social Categories	3
	b	class	3
	c	religion	3
	d	gender	3
IV	a	Geography of Welfare and wellbing	3
		Concept	3
		components	3
V	a	Social geogrpahy of Inclusion and exclusion	3
	b	slums	2
	c	gated communities	2
	d	riots	2

	e	Feminism	2
	f	crime	2
	g	Changing concept of space	2
	h	Future of social Geography	2

SUBJECT NAME

: Environment
Geography

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	Meaning Of Environment		2
	Nature and scope of Environment geography		2
	Interdisciplinary nature of Environment		2
	Relevance of environment geography		2
2	Human environment relationships		
	Adaptations		4
	Human progression		2

	Environment progression	2
3	Ecosystem	2
	concept and components	4
	Types of Ecosystem	2
4	Environmenta l problems	4
	tropical areas	2
	temperate ares	2
	equatorial areas	2
5	Environmenta l programmes and policies	4
	local	2
	national	2
	International	2

SUBJECT NAME

: GIS

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a.	Geographic Information System	2
	b.	Meaning of GIS	2
	c.	Importance of GIS	2
	d.	Components of GIS	2
	e.	Software of GIS	1
2	a.	Meaning of Geospatial data	4
	b.	types of datas	4

	c.	Raster vs Vector data	4
3	a.	Global Positioning System	4
	b.	meaning	4
	c.	Components of GPS	4
4	a	Importance of GIS	6
5	a.	Application of GIS	4
	b.	Urban sprawling	2
	c.	vegetation management	2
	d.	climate change	2
	e.	land use and land cover	3

**TEACHER'S
LESSON PLAN
FOR YEAR 2019-
20(LOCF)**

Teacher's name	Department	Course	Subjects
Ms SHIKHA YADAV	Geography		
		B.A (H) Geography I sem	Geography of Tourism and Pilgrimage(GENERIC)
		B.A (H) Geography IV Sem	Coupled Human Environment System (GENERIC)
		B.EL.ED. II year	Physical Geography
		B.A (H) Geography VI Sem	Geography of Social wellbeing
		BA(H) Geography IV sem skill	GIScience
		B.A (P) Geography V Sem	World Economic Geography

SUBJECT NAME

**: Geography
of Tourism:
Generic**

CBCS

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a.	Definition and Concept of Tourism	2
	b.	Definition and Concept of Tourist	2

	c.	Definition and Concept of Tourist place	2
	d.	Definition and Concept of Recreation	2
	e.	Interrelation of the concepts	1
2	a.	Relationship between tourism and leisure	4
	b.	Relationship between tourism and recreation	4
	c.	Interlink among all above	4
3	a.	Tourism in India- Impacts	4
	b.	Importance of Tourism	4
	c.	Types of Tourism	4
4	a	Trends in Tourism Sector	6
5	a.	Types of Tourism	4
	b.	National Tourism Policy	2
	c.	Indigenous Knowledge	2
	d.	Tourism Infrastructure of India	2
	e.	Hospitality sector of India	3

SUBJECT NAME

**: Coupled
Human
Environment
System
Generic**

UNITS	Sub Topics of Units	No. of Lectures
	sub topics	
1	Meaning Of Environment	2
	Nature and scope of Environment geography	2

	Interdisciplinary nature of Environment	2
	Relevance of environment geography	2
2	Human environment relationships	
	Adaptations	4
	Human progression	2
	Environment progression	2
3	Ecosystem	2
	concept and components	4
	Types of Ecosystem	2
4	Environmental problems	4
	tropical areas	2
	temperate areas	2
	equatorial areas	2
5	Environmental programmes and policies	4

	local	2
	national	2
	International	2

Physical

SUBJECT NAME Geography(B.EL.
: ED)

UNITS	Sub Topics of Units	sub topics	No. of Lectures	
1	a	Definition and meaning of Physical Geography	5	
	b	Scope of Physical Geography		2
	c	Concept of system and characteristics		4
	d	Earth System Function		4
	e	Concept of system and characteristics		5
	f	Components of Earths Natural System		6
	g	Interaction Between Speheres		4
2	a	Atmosphere: Heat Balance		6
	b	Global Circulation Pattern		8
	c	Tropical Cyclones		5
	d	Monsoon		4
	e	Climatic Classification (Koppen).		6
3	a	Lithosphere: Internal Structure of Earth based on Seismic Evidence		6
	b	Plate Tectonics and its Associated Features.		4
4	a	Fluvial Cycle of Erosion – Davis		5
	b	Fluvial Cycle of Erosion – Penck		4
5	a	Hydrosphere: Hydrological Cycle		6
	b	Ocean Bottom Relief Features		6
	c	Tides: Types, Theories and Force		5
	d	Ocean Currents: Factors and Types and Distribution		8
	e	Practicals		15

SUBJECT NAME

: Geography of
Social
Wellbeing

UNITS	Sub Topics of Units	sub topics	No. of Lectures
I	a	Social Geography	1
	b	Concept	2
	c	Origin	3
II	a	Nature peopling process of India	4
	b	Scope and relevance	4
III	a	Social Categories	3
	b	class	3
	c	religion	3
	d	gender	3
IV	a	Geography of Welfare and wellbeing	3
		Concept	3
		components	3
V	a	Social geogrpahy of Inclusion and exclusion	3
	b	slums	2
	c	gated communities	2
	d	riots	2
	e	Feminism	2
	f	crime	2
	g	Changing concept of space	2
	h	Future of social Geography	2

SUBJECT NAME

: World
Economic
Geography

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	Meaning Of Economic geography		2

	Nature and scope of Economic geography	2
	Interdisciplinary nature of Geography	2
	Relevance of Economic geography	2
2	Economic Geography Theories	
	Von Thunen Agriculture Theory	4
	Locational Traingles Theory	4
	Relevance Of Theories	2
3	Primary Activities	2
	Agriculture	4
	Types Of Agriculture	2
4	Secondary Activities	4
	Industrial	2
	Manufacturing	2
	Relevance	2
5	Information and communication Technology	4

	Importance and distribution	2
	WTO	2
	Recent trends in trade sector	2

SUBJECT NAME

: GIS

UNITS	Sub Topics of Units		No. of Lectures
		sub topics	
1	a.	Geographic Information System	2
	b.	Meaning of GIS	2
	c.	Importance of GIS	2
	d.	Components of GIS	2
	e.	Software of GIS	1
2	a.	Meaning of Geospatial data	4
	b.	types of data	4
	c.	Raster vs Vector data	4
3	a.	Global Positioning System	4
	b.	meaning	4
	c.	Components of GPS	4
4	a	Importance of GIS	6
5	a.	Application of GIS	4
	b.	Urban sprawling	2
	c.	vegetation management	2
	d.	climate change	2
	e.	land use and land cover	3

**TEACHER'S
LESSON PLAN
FOR YEAR 2020-
21**

Teacher's name	Department	Course	Subjects
Ms SHIKHA YADAV	Geography		
		B.A (H) Geography I sem	Geography of Tourism and Pilgrimage(GENERIC)

B.A (H) Geography IV Sem	Coupled Human Environment System (GENERIC)
B.EL.ED. II year	Physical Geography
B.A (H) Geography VI Sem	Geography of Social wellbeing
BA(H) Geography IV sem skill	GIScience
B.A (P) Geography V Sem	World Economic Geography

SUBJECT NAME

**: Geography
of Tourism:
Generic**

CBCS

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a.	Definition and Concept of Tourism	2
	b.	Definition and Concept of Tourist	2
	c.	Definition and Concept of Tourist place	2
	d.	Definition and Concept of Recreation	2
	e.	Interrelation of the concepts	1
2	a.	Relationship between tourism and leisure	4
	b.	Relationship between tourism and recreation	4
	c.	Interlink among all above	4
3	a.	Tourism in India- Impacts	4
	b.	Importance of Tourism	4
	c.	Types of Tourism	4
4	a	Trends in Tourism Sector	6
5	a.	Types of Tourism	4
	b.	National Tourism Policy	2
	c.	Indigenous Knowledge	2
	d.	Tourism Infrastructure of India	2
	e.	Hospitality sector of India	3

SUBJECT NAME

**: Coupled
Human
Environment
System
Generic**

UNITS	Sub Topics of Units	No. of Lectures
	sub topics	
1	Meaning Of Environment	2
	Nature and scope of Environment geography	2
	Interdisciplinary nature of Environment	2
	Relevance of environment geography	2
2	Human environment relationships	
	Adaptations	4
	Human progression	2
	Environment progression	2
3	Ecosystem	2

	concept and components	4
	Types of Ecosystem	2
4	Environmental problems	4
	tropical areas	2
	temperate areas	2
	equatorial areas	2
5	Environmental programmes and policies	4
	local	2
	national	2
	International	2

Physical

SUBJECT NAME Geography(B.EL.
: ED)

UNITS	Sub Topics of Units	
		sub topics
1	a	Definition and meaning of Physical Geography
	b	Scope of Physical Geography
	c	Concept of system and characteristics
	d	Earth System Function
	e	Concept of system and characteristics
	f	Components of Earths Natural System
	g	Interaction Between Speheres

2	a	Atmosphere: Heat Balance
	b	Global Circulation Pattern
	c	Tropical Cyclones
	d	Monsoon
	e	Climatic Classification (Koppen).
3	a	Lithosphere: Internal Structure of Earth based on Seismic Evidence
	b	Plate Tectonics and its Associated Features.
4	a	Fluvial Cycle of Erosion – Davis
	b	Fluvial Cycle of Erosion – Penck
5	a	Hydrosphere: Hydrological Cycle
	b	Ocean Bottom Relief Features
	c	Tides: Types, Theories and Force
	d	Ocean Currents: Factors and Types and Distribution
	e	Practicals

Geography of social well being

UNITS	Sub Topics of Units	sub topics	No. of Lectures
I	a	Social Geography	1
	b	Concept	2
	c	Origin	3
II	a	Nature peopling process of India	4
	b	Scope and relevance	4
III	a	Social Categories	3
	b	class	3
	c	religion	3
	d	gender	3
IV	a	Geography of Welfare and wellbeing	3
		Concept	3
		components	3
V	a	Social geogrpahy of Inclusion and exclusion	3
	b	slums	2
	c	gated communities	2
	d	riots	2
	e	Feminism	2

	f	crime	2
	g	Changing concept of space	2
	h	Future of social Geography	2

SUBJECT NAME

: World

Economic

Geography

UNITS	Sub Topics of Units		No. of Lectures
		sub topics	
1	Meaning Of Economic geography		2
	Nature and scope of Economic geography		2
	Interdisciplinary nature of Geography		2
	Relevance of Economic geography		2
2	Economic Geography Theories		
	Von Thunen Agriculture Theory		4
	Locational Traingles Theory		4
	Relevance Of Theories		2
3	Primary Activities		2

	Agriculture	4
	Types Of Agriculture	2
4	Secondary Activities	4
	Industrial	2
	Manufacturing	2
	Relevance	2
5	Information and communication Technology	4
	Importance and distribution	2
	WTO	2
	Recent trends in trade sector	2

SUBJECT NAME

: GIS

UNITS	Sub Topics of Units	sub topics	No. of Lectures
1	a.	Geographic Information System	2
	b.	Meaning of GIS	2
	c.	Importance of GIS	2
	d.	Components of GIS	2
	e.	Software of GIS	1
2	a.	Meaning of Geospatial data	4
	b.	types of data	4
	c.	Raster vs Vector data	4
3	a.	Global Positioning System	4
	b.	meaning	4
	c.	Components of GPS	4
4	a	Importance of GIS	6
5	a.	Application of GIS	4
	b.	Urban sprawling	2

	c.	vegetation management	2
	d.	climate change	2
	e.	land use and land cover	3

TEACHER'S LESSON PLAN 2016-17, 2017-18, 2018-19

Teacher's name	Department	Subjects
Ms. Sneh Gangwar	Geography	Remote Sensing and GIS (Practical)

SUBJECT NAME **Remote Sensing and GIS (Practical)** B.A. (Hons.) Semester Vth

UNITS	Sub Topics of Units	No. of Lectures
1	Remote Sensing and GIS	10
	Definition and Components	2
	History and Development	4
	Platforms and Types	4
2	Aerial Photography and Satellite Remote Sensing	20
	Principal	2
	Types and Geometry of Aerial Photograph	10
	EMR Interaction with Atmosphere and Earth Surface	6
	Satellites (Landsat and IRS) and Sensors	2
3	GIS Data Structures	10
4	Image Processing and Data Analysis	10
	Pre-processing (Radiometric and Geometric Enhancement (Filtering)	2
	Classification (Supervised and Un-supervised)	2
	Geo-Referencing; Editing and Output	2
	Overlays	2
5	Interpretation and Application of Remote Sensing and GIS	30
	Interpretation	24
	Application	6
TOTAL		80 Lectures

SUBJECT NAME **Remote Sensing Skill (Practical)** B.A. (Hons.) Semester IIIrd

UNITS	Sub Topics of Units	No. of Lectures
1	Remote Sensing	10
	Definition and Components	2
	History and Development	4
	Platforms and Types	4
2	Aerial Photography and Satellite Remote Sensing	20
	Principal	2
	Types and Geometry of Aerial Photograph	10
	EMR Interaction with Atmosphere and Earth Surface	6
	Satellites (Landsat and IRS) and Sensors	2
3	Image Processing and Data Analysis	10
	Pre-processing (Radiometric and Geometric Correction)	2

	Enhancement (Filtering)	2
	Classification (Supervised and Un-supervised)	2
	Geo-Referencing; Editing and Output	2
	Overlays	2
4	Interpretation	20
5	Application of Remote Sensing	5

TOTAL

65 Lectures

SUBJECT NAME		URBAN GEOGRAPHY	B.A. (Hons.) Semester Vth
UNITS	Sub Topics of Units		No. of Lectures
	1	Urban geography: Introduction, nature and scope	
2	Patterns of Urbanisation in developed and developing countries		20
3	Functional classification of cities		10
4	Urban Issues and Problems		10
5	Case studies		25
	Delhi		5
	Kolkata		5
	Chennai		5
	Chandigarh		5
	Mumbai		5

TOTAL

75 Lectures

TEACHER'S LESSON PLAN 2019-20, 2020-21, 2021-22

Fieldwork and Reseach Methodology	Sub Topics of Units		No. of Lectures
UNITS	Topic	sub topics	
1	Fieldwork in Geographical Studies	Role, Value, Data and Ethics of Fieldwork	4
		Defining the Field and Identifying the Case Study- Rural, Urban, Physical, Human, Environmental	8
2	Data Collection	Types and Sources of data	4
		Methods of Collection	4
		Data Analysis: Qualitative and Quantitative	8
3	Field Techniques	Data Representantation Technique	8
		Merits, Demerits and Selection of Appropriate Techniques	4
		Observation: Participant and Non-participant	4

	Questionnaire: Open, Closed; Structured, Non-structured;	6
	Interview with Special Focus Group Discussion	4
	Space Survey: Transects, Quadrants, Constructing a sketch	6
4 Use of Field Tools	Collection of Materials for Physical and Socio-economic Survey	24
5 Designing the Field Report	Aims and Objectives	2
	Methodology	4
	Analysis	8
	Interpretation	8
	Writing the Report	15

TOTAL

120 Lectures

SUBJECT NAME **Geographic Information System (Practical)** B.A. (Hons.) Semester 3rd

UNITS	Sub Topics of Units	No. of Lectures
1	Geographical Information System (GIS):	8
	Definition and Components	2
	History and Development	2
	Platforms and Types	4
2	Global Positioning System (GPS):	8
	Principal	2
	Uses	6
3	GIS Data Structures	16
	Types (spatial and Non-spatial)	6
	Raster and Vector Data Structure.	10
4	Image Processing and Data Analysis	16
	Correction)	8
	Enhancement (Filtering)	10
	Classification (Supervised and Un-supervised)	4
5	Geo-Referencing; Editing and Output	2
	Overlays	2
	Interpretation and Application of GIS	4
	Application	4

TOTAL

80 Lectures

SUBJECT NAME **Geography of India** B.A. (Prog) Semester 5th

UNITS	Sub Topics of Units	No. of Lectures
1	Physical Setting	10
	Location, Structure and Relief,	4
	Drainage	2
	climate	4
2	Population	12
	Size and Growth since 1901,	4
	Literacy	4
	Population Distribution	2
	Sex Ratio	2

3	Settlement System	6
	Rural Settlement Types and Patterns,	3
	Urban Pattern	3
4	Resource Base	15
	Livestock (cattle and fisheries)	3
	Power (coal, and hydroelectricity)	10
	Minerals (iron ore and bauxite)	4
5	Economy	14
	Agriculture (Rice, Wheat, Sugarcane, Groundnut, Cotton)	5
	Industries (Cotton Textile, Iron-Steel, Automobile)	5
	Transportation Modes (Road and Rail)	4
	TOTAL	60 Lectures

TEACHER'S LESSON PLAN 2016-17, 2017-18, 2018-19

Teacher's name	Department	Subjects
Ms. Sneha Gangwar	Geography	Geography

FIELD WORK AND RESEARCH METHODOLOGY

SUBJECT NAME (Practical) B.A.(Hons.) Semester IVth

UNITS	Sub Topics of Units	No. of Lectures
1	Field Work In Geographical Studies	10
2	Defining the Field and Identifying the Case Study	10
3	Field Techniques	30
	Observation	6
	Questionnaires	10
	Interview with Special Focus on Focused Group	
	Discussions	10
	Space Survey	4
4	Use of Field Tools	10
5	Designing the Field Report	10

TOTAL 70 Lectures

SUBJECT NAME REMOTE SENSING AND GPS (PRACTICAL) B.A.(Hons.) Semester-IVth

UNITS	Sub Topics of Units	No. of Lectures
1	Remote Sensing and GIS	5
	Definition and Components	1
	History and Development	2
	Platforms and Types	2
2	Aerial Photography	10
	Principal	2
	Types and Geometry of Aerial Photograph	10
4	Satellite Remote Sensing	10
	EMR Interaction with Atmosphere and Earth Surface	2
	Satellites (Landsat and IRS) and Sensors	2

4	Interpretation and Application of Remote Sensing and GIS	30
	Interpretation	24
	Application	6
5	GPS	5
TOTAL		60 Lectures

SUBJECT NAME		B.A. (Hons.) Semester II
SPATIAL INFORMATION SYSTEM		
UNITS	Sub Topics of Units	No. of Lectures
	1 Concept and Historical Development	5
	2 Spatial Information/Data	20
	Web data sources	5
	Registration and projection	5
	Data structures	5
	Data interpolation and modeling	5
	3 Working of spatial information system	10
	4 Functions of Spatial information system	15
	Information retrieval	2
	Topological modeling	3
	Networks and Overlay	5
	Data output	5
	5 Application of Spatial Information Technology	10
TOTAL		60 Lectures

TEACHER'S LESSON PLAN 2019-20, 2020-21, 2021-22

SUBJECT NAME		B.A.(Hons.) Semester-IVth
REMOTE SENSING AND GPS (PRACTICAL)		
UNITS	Sub Topics of Units	No. of Lectures
1	Remote Sensing and GIS	5
	Definition and Components	1
	History and Development	2
	Platforms and Types	2
2	Aerial Photography	10
	Principal	2
	Types and Geometry of Aerial Photograph	10
4	Satellite Remote Sensing	10
	EMR Interaction with Atmosphere and Earth Surface	2
	Satellites (Landsat and IRS) and Sensors	2
	Interpretation and Application of Remote Sensing and GIS	30
	Interpretation	24
	Application	6
5	GPS	5
TOTAL		60 Lectures

SUBJECT NAME SPATIAL INFORMATION SYSTEM B.A. (Hons.) Semester II

UNITS	Sub Topics of Units	No. of Lectures
	1 Concept and Historical Development	5
	2 Spatial Information/Data	20
	Web data sources	5
	Registration and projection	5
	Data structures	5
	Data interpolation and modeling	5
	3 Working of spatial information system	10
	4 Functions of Spatial information system	15
	Information retrieval	2
	Topological modeling	3
	Networks and Overlay	5
	Data output	5
	5 Application of Spatial Information Technology	10
	TOTAL	60 Lectures

UNITS	Sub Topics of Units		No. of Lectures
	Topics	sub topics	
Remote Sensing and GIS	1 Remote Sensing and GIS:	Definition and Components	3
		Development	2
		Platforms and Types	2
		Principles, Types and Geometry of	
		Aerial Photograph	3
	2 Aerial Photography and Satellite Remote Sensing	Principles of Remote Sensing,	3
		EMR Interaction with Atmosphere and Earth Surface;	3
		Satellites (Landsat and IRS) and Sensors.	3
	3 GIS Data Structures	Types (spatial and Non-spatial)	1
		Raster and Vector Data Structure	2
	4 Analysis	Image Processing (Digital and Manual) and Data	
		Pre-processing (Radiometric and Geometric Correction)	3
		Enhancement (Filtering)	3
		Classification (Supervised and Un-supervised)	4
		Geo-Referencing; Editing and Output	4
5 Interpretation and Application of Remote Sensing and GIS	Overlays	4	
	Land use/ Land Cover	4	
	Urban Sprawl Analysis	3	
	Forests Monitoring	3	
	TOTAL		50 Lectures