



**RADHA GOVIND UNIVERSITY, RAMGARH**

**DEPARTMENT OF GEOGRAPHY**

**POSTGRADUATE COURSES OF STUDY**

*UNDER*  
*CHOICE BASED CREDIT SYSTEM (CBCS)*  
*INTRODUCED FROM SESSION 2020-2021*

**SYLLABUS FOR M. A. GEOGRAPHY UNDER CHOICE BASE  
CREDIT SYSTEM UNDER RADHA GOVIND UNIVERSITY  
RAMGARH**

<p><b><u>Semester I</u></b>  <b>PAPER I - History of Geographical Thought</b>  <b>PAPER II- Geomorphology</b>  <b>PAPER III- Climatology</b>  <b>PAPER IV- Practical Paper</b></p>	<p><b><u>Semester II</u></b>  <b>PAPER V-Research Methodology</b>  <b>PAPER VI-Population Geography</b>  <b>PAPER VII-Regional Geography: India And Jharkhand</b>  <b>PAPER VIII- Practical Paper</b></p>
<p><b><u>Semester III</u></b>  <b>PAPER IX– Oceanography</b>  <b>PAPER X– Settlement Geography</b>  <b>PAPER XI– Regional Planning and Development (India)</b>  <b>PAPER XII– Practical Paper</b></p>	<p><b><u>Semester IV</u></b>  <b>PAPER XIII- Biogeography</b>  <b>PAPER XIV– Geography of Tourism and Transport</b>  <b>PAPER XV- Urban Geography and Planning;</b>  <b>PAPER XVI- Elective Practical</b></p>

**Theory Papers shall have Nine (09) Questions. Two (02) questions shall be set from each unit. Question No. One (01) shall be compulsory consisting seven MCQ or very short answer type questions carrying two marks each. Examinees are required to answer any Four Questions from the rest. All questions are of equal value.**

**Semester-I**

**Paper I**

**HISTORY OF GEOGRAPHICAL THOUGHT**

**P.G. Department of Geography**

**RGU Ramgarh**

**Pattern of Questions in CBCS Post Graduate Programme**

		Sessional Internal				External		
		Written	Day to day Assessment	Attendance	Total	Theory	Distribution of Marks	Total
1	Full Marks	20	5	5	30	70		100
2	Pass Marks	08		04	12	28		40
3	Number of Questions to be set-	09(Nine)						
4	Structure of Question					No. of Question	Distribution of Marks	Total
(a)	Question number 1. is Compulsory which will be very Short Answer Type Question					07	0 7x2	14
(b)	Out of 08 Long Type Question Any 04 Question to be Answered					04	04x14	56
Total								70

**Course contents:**

**Unit 1:**

**The field of Geography:** Its place in the classification of sciences, geography as social science and natural science.

Selected concepts in the philosophy of geography: Logical Positivism, areal differentiation and spatial organization.

**Unit 2:**

**Dualism in Geography:** Systematic and Regional Geography, Physical and Human Geography, Determinism and Possibilism.

Laws, theories and models, the quantitative revolution, Behaviourism, post modernism.

**Unit 3:**

**Regional Geography:** Concept of region, Regionalization and the regional methods.

**Historical development:** Contributions of different scholars during Ancient, Medieval and Modern period.

**Unit 4:**

**Geography in the 20<sup>th</sup> century:** Concept and methodological developments, Status of Indian geography.

Future of geography, Radical geography; Feminist Geography, geographical thought with reference to changing views on man-environment relationship. Geography and public policy

**Paper-II**

**GEOMORPHOLOGY**

**P.G. Department of geography**

**RGU, Ramgarh**

**Pattern of Questions in CBCS Post Graduate Programme**

		Sessional Internal				External		
		Written	Day to day Assessment	Attendance	Total	Theory	Distribution of Marks	Total
1	Full Marks	20	5	5	30	70		100
2	Pass Marks	08	04		12	28		40
3	Number of Questions to be set-					09(Nine)		
4					No. of Question	Distribution of Marks	Total	
(a)	Question number (1) is Compulsory which will be very Short Answer Type Question				07	07x2	14	
(b)	Out of 08 Long Type Question Any 04 Question to be Answered				04	04x14	56	
<b>Total</b>								<b>70</b>

ESTD. 2018

**Course contents:**

**Unit 1:**

Nature and scope of geomorphology, fundamental concepts, geological structures and land forms.

Regional geomorphology of peninsular India, Ganga plains, Chotanagpur plateau and west coastal plains.

**Unit 2:**

**Earth movements:** Epeirogenic, Orogenic and Cymatogenic Earth movement, Isotasy, Plate Tectonics.

Seismicity: Vulcanicity, orogenic structures with reference to the evolution of Himalaya

**Unit 3:**

**Exogenetic Processes:** Concept of gradation, agents and processes of gradation, causes, types and classification of weathering.

Mass movement, erosional and depositional processes and resultant landforms, slope evolution, down wearing, parallel retreat.

**Unit 4:** Dynamics of fluvial, glacial, Aeolian, marine and karst processes and resulting landforms.

Applied geomorphology, application geomorphic mapping, environmental geomorphology, geomorphic hazards.

Paper-III

**CLIMATOLOGY P.G. Department of geography**

**RGU Ramgarh**

**Pattern of Questions in CBCS Post Graduate Programme**

		Sessional Internal				External		
		Written	Day to day Assessment	Attendance	Total	Theory	Distribution of Marks	Total
1	Full Marks	20	5	5	30	70		100
2	Pass Marks	08		04	12	28		40
1	Number of Questions to be set for External					= 09(Nine)		
2	Structure of Question Pattern					No. of Question	Distribution of Marks	Total
(a)	Question number (1) is Compulsory which will be very Short Answer Type Question					07	07x2	14
(b)	Out of 08 Long Type Question Any 04 Question to be Answered					04	04x14	56
<b>Total</b>								<b>70</b>

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## Course contents:

**Unit 1:** Nature and scope of climatology and its relationship with meteorology, composition and structure of the atmosphere.

Insolation, heat balance of the earth, Green house effect, vertical and horizontal distribution of temperature, local winds, jet streams, general circulation in the atmosphere.

### Unit 2:

Tropical, temperate and high latitudes weather system-concept of air mass and atmospheric disturbances. Cyclones-tropical and temperate. Stable and unstable atmosphere: environmental lapse rate, dry and wet adiabatic lapse rate and atmospheric stability.

Ocean-atmosphere interaction-El Nino, southern oscillation (ENSO) and La Nina. Monsoon winds, Norwesters.

### Unit 3:

Climatic classification of Koppen and Thornthwaite

**Climate changes:** Evidences, possible causes

**Applied Climatology:** Climate, Hydrology and Water Resources;

Urban climate and global environment change: The nature of the urban climates, Urban Heat Island (UHI), Impact of the urban climate on Global Environment Change (GEC).

**Unit 4:** Global warming, environmental impacts and society's response, Atmospheric effects of thunders, Thunderstorms and Droughts. Climate Impact Assessment.



## Paper-IV

### PRACTICAL PAPER

#### Pattern of Questions In CBCS Post Graduate Programme

		Sessional Internal				External	
		Written	Day to day Assessment	Attendance	Total	Questions to be set as per topic and marks	Total
1	<b>Full Marks</b>	20	5	5	30	70	100
2	<b>Pass Marks</b>	08	04		12	28	40

The syllabus for practical is divided into two sections-Sec A and B

The Practical examination including field work examination of six hours duration

#### Section-A(IV-A)

F.M.:50

Time:3 Hrs

#### Course contents:

1 Importance of field instruments survey: scope and purpose, principal and applications of selected survey instruments, plane table resection, two point and three point and three point problems, tracing paper method. (14+6)marks

2. Prismatic compass; open and closed traverse, elimination of error-Bowditch Method. (14+6) marks

3. Viva-voce.

4. Practical Note Book

(7+3) marks

**Section-B (IV-B)**

**F.M.:50**

**(35+15)**

**Time:3 Hrs**

**Field work (project report)-50**

**Allotted by Departmental Council (Any part of Jharkhand region)**

**Objectives:**

The main objective of the field work (Physical) to conduct an extensive survey of a continuous wider region and identify salient landforms, their genesis and their impact on human life, flora and fauna.

1. To trace the prominent features of the area to be surveyed, identify salient landforms feature of the selected area on a topographical sheet.
2. To identify the landforms on the surface while in the field. Also note the agents of erosion, transportation and deposition associated with the landforms.
3. To identify the classify the biodiversity in the area (flora & fauna)
4. To observe the relationship of various landforms, with land use, settlement structure and life style of people.
5. Based on observations of the above characteristics prepare a field survey report. The report need to be supplemented with maps, sketches, photographs etc.

**Semester II**

**Paper-V**

**Research Methodology**

**P.G. Department of geography**

**RGU Ramgarh**

**Pattern of Questions in CBCS Post Graduate Programme**

		Sessional Internal				External		
		Written	Day to day Assessment	Attendance	Total	Theory	Distribution of Marks	Total
1	Full Marks	20	5	5	30	70		100
2	Pass Marks	08		04	12	28		40
1	Number of Questions to be set for External					=	09(Nine)	
2	Structure of Question Pattern					No. of Question	Distribution of Marks	Total
(a)	Question number (1) is Compulsory which will be very Short Answer Type Question					07	07x2	14
(b)	Out of 08 Long Type Question Any 04 Question to be Answered					04	04x14	56
Total								70

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**Course contents:**

**Unit – 1**

Methods of geographical studies; Research: Meaning of Research; Objectives of Research; Motivation of Research;

**Unit – 2**

Types: Applied and Fundamental; Conceptual and Empirical; Descriptive and Analytical; Quantitative and Qualitative; Research Approaches;

**Unit – 3**

Research methods Vs Research Methodology; Hypothesis, theories, laws and models; Research Idea and Research question, Literature Review; significance of research; Research design: data collection and analysis ; Deciding the methods.

**Unit – 4**

Recent trends in research: E-research; Determining Sample Design; Presentation of research findings: Writing Essays, Reports and Dissertations (report writing and presentation); Understanding Assessment; Scientific journals (impact factor, citation); Using Research Results; Ethical Issues in Social Research; Criteria of good research; problems encountered by researchers in India



RAMGARH, JHARKHAND  
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Paper -VI

POPULATION GEOGRAPHY

P.G. Department of geography

Pattern of Questions In CBCS Post Graduate Programme

		Sessional Internal				External		
		Written	Day to day Assessment	Attendance	Total	Theory	Distribution of Marks	Total
1	Full Marks	20	5	5	30	70		100
2	Pass Marks	08		04	12	28		40
1	Number of Questions to be set for External					=	09(Nine)	
2	Structure of Question Pattern					No. of Question	Distribution of Marks	Total
(a)	Question number (1) is Compulsory which will be very Short Answer Type Question					07	0 7x2	14
(b)	Out of 08 Long Type Question Any 04 Question to be Answered					04	04x14	56
Total								70

**Course content:**

**Unit 1:**

**Population Geography:** Scope and objectives: development of population geography as a field of specialization ;Population Geography and Demography.

Sources of population data; their level of reliability and problems of mapping of population data; Census process of major countries.

**Unit 2:**

**Population Distribution:** Density and growth, world patterns and their determinants; India: Population distribution, density and growth profile

Population dynamics: Demographic transition theories, Measurements of fertility and mortality, Migration: National and International patterns.

**Unit 3:**

Population composition: Age and sex, literacy, religion, caste and tribes, rural and urban; Occupational structure in India.

**Unit 4:**

**Population and development:** Population-Resources region and level of population and socio-economic development, concepts of under population, over population and Optimum population.

India's population policies, population and environment, implications for the future.

Importance of research in Population Geography

Paper-VII

REGIONAL GEOGRAPHY: INDIA AND JHARKHAND

RGU Ramgarh

Pattern of Questions In CBCS Post Graduate Programme

		Sessional Internal				External			
		Written	Day to day Assessment	Attendance	Total	Theory	Distribution of Marks	Total	
1	Full Marks	20	5	5	30	70		100	
2	Pass Marks	08		04	12	28		40	
1	Number of Questions to be set for External						=	09(Nine)	
2	Structure of Question Pattern					No. of Question	Distribution of Marks	Total	
(a)	Question number (1) is Compulsory which will be very Short Answer Type Question					07	07x2	14	
(b)	Out of 08 Long Type Question Any 04 Question to be Answered					04	04x14	56	
Total								70	



## Section 'A'-India

### Course contents:

#### Unit 1:

Physical framework and geological formations. Climatic and vegetation regions, Agro-climatic regions and Industrial regions.

Macro-Regions: Genesis and changing profile, Geography and federalism, Indian Federalism, Reorganization of state.

#### Unit 2:

Mineral and power resources, population Development environment interface, Policies and programmes.

Case studies of Macro/Micro regions.

a) Middle Ganga Plain b) Chotanagpur Region c) National Capital Region(NCR)

## Section 'B'-Jharkhand

#### Unit 3:

Physical basis of Regionalization and Human Resources

Economic and inter-linkages-Mineral Resources, Agriculture Landscape and industrial region.

#### Unit 4:

Population Development-environment interface, policies and programs.

Urbanization, tourism, problems of planning and development.

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**Paper-VIII**

**PRACTICAL PAPER**

The syllabus for practical is divided into two sections-Sec-A and Sec-B.The practical examination including field work examination.

**Pattern of Questions In CBCS Post Graduate Programme**

		Sessional Internal				External	
		Written	Day to day Assessment	Attendance	Total	Questions to be set as per topic and marks	Total
1	<b>Full Marks</b>	20	5	5	30	70	100
2	<b>Pass Marks</b>	08	04		12	28	40

**Time:3 hrs**

**Section 'A' FM = 50**

**Course contents:**

1. Geological maps, construction of sections and interpretation. Methods of representing and mapping of population data (10+5)
2. Mercator's sinusoidal, galls projection mollweide's projection, International Map Projection. (10+5)
3. Interpretation of Topological sheets in any one: settlement, landforms, drainage system. (10+5)
4. Practical Note Book and Viva-voice 5

**Section 'B'**

**Survey by selected instruments:**

**Course contents:**

5. Dumpy level, Sextant, Abney level and Indian Clinometers, Field work filling by level, Determination of height by Sextant. Slope determination of Hill side. (Area allotted by the HOD) (10+5)

Methods of field study: preparation of questionnaire / interview schedules

(10+5)

6. Profiles-serial, projected, super imposed and composite (on the basis of Topographical sheets). (10+5)

7. Practical Record and Viva Voce

5

Semester-III

Paper-IX

OCEANOGRAPHY  
P.G. Department of Geography

RGU Ramgarh

Pattern of Questions in CBCS Post Graduate Programme

		Sessional Internal				External		
		Written	Day to day Assessment	Attendance	Total	Theory	Distribution of Marks	Total
1	Full Marks	20	5	5	30	70		100
2	Pass Marks	08		04	12	28		40
1	Number of Questions to be set for External					=	09(Nine)	
2	Structure of Question Pattern					No. of Question	Distribution of Marks	Total
(a)	Question number (1) is Compulsory which will be very Short Answer Type Question					07	07x2	14
(b)	Out of 08 Long Type Question Any 04 Question to be Answered					04	04x14	56
Total								70

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## PAPER-IX

### (Oceanography)

#### Course contents:

##### Unit 1:

Nature and scope of Oceanography, History of Oceanography, Origin of ocean basin, Major features of ocean basin

##### Unit 2:

Physical and chemical properties of sea water (density, temperature, salinity etc.), Ocean currents, Wave and Tides.

##### Unit 3:

Marine Biological Environment, Types of Organisms, Plankton, Nekton and Benthos, Major marine environments -Coastal, Estuaries, Delta and Deep pelagic environment.

##### Unit 4:

Relief of Indian Ocean, Marine deposits and resources, Coral reefs, Impacts of human on the marine environment. Climatic and eustatic changes.



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Paper-X

SETTLEMENT GEOGRAPHY

P.G. Department of geography

RGU Ramgarh

Pattern of Questions in CBCS Post Graduate Programme

		Sessional Internal				External		
		Written	Day to day Assessment	Attendance	Total	Theory	Distribution of Marks	Total
1	Full Marks	20	5	5	30	70		100
2	Pass Marks	08	04		12	28		40
1	Number of Questions to be set for External					=	09(Nine)	
2	Structure of Question Pattern					No. of Question	Distribution of Marks	Total
(a)	Question number (1) is Compulsory which will be very Short Answer Type Question					07	07x2	14
(b)	Out of 08 Long Type Question Any 04 Question to be Answered					04	04x14	56
Total								70

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**Unit 1:**

Evolution and growth of human settlement, Theories of evolution of Settlements; Spatial and temporal trends in size and growth of settlements.

Spatial distribution: Pattern and types of Rural settlements; Theoretical models (Nearest Neighbour and Gravitational model).

**Unit 2:**

Settlements structure: Morphological structure of cities, Empirical and theoretical models (Burgess, Hoyt and Harris & Ullman). Functional classification of urban centers.

City region and rural-urban fringe.

**Unit 3:**

Functional typology of villages; Social, Economical, Cultural factors influencing the dynamics of settlement structure. Settlement hierarchy: Theories of Christaller and Losch (CPT) and their application to settlement hierarchy. Factors contributing to settlement hierarchy. Measurement of centrality and hierarchy.

**Unit 4:**

Issues, Perspectives and policies on population and human settlements. Interface between human settlements and environment. Contemporary urban issues: Urban renewal, urban sprawl, slums, green belts, garden cities. Transformation and planning of Indian Village.



**Paper – XI**

**Regional Planning and Development (India)**

**P.G. Department of Geography**

**RGU Ramgarh**

**Pattern of Questions in CBCS Post Graduate Programme**

		Sessional Internal				External			
		Written	Day to day Assessment	Attendance	Total	Theory	Distribution of Marks	Total	
1	Full Marks	20	5	5	30	70		100	
2	Pass Marks	08		04	12	28		40	
1	Number of Questions to be set for External						=	09(Nine)	
2	Structure of Question Pattern					No. of Question	Distribution of Marks	Total	
(a)	Question number 1. is Compulsory which will be very Short Answer Type Question					07	07x2	14	
(b)	Out of 08 Long Type Question Any 04 Question to be Answered					04	04x14	56	
Total								70	

**Unit 1:**

Regional concept in Geography, Merits and limitations for application to regional planning and development approaches to delineation of different types of regions and their utility in planning, planning process: sectoral, temporal and spatial dimensions, Short-term and long-term perspective planning.

**Unit 2:**

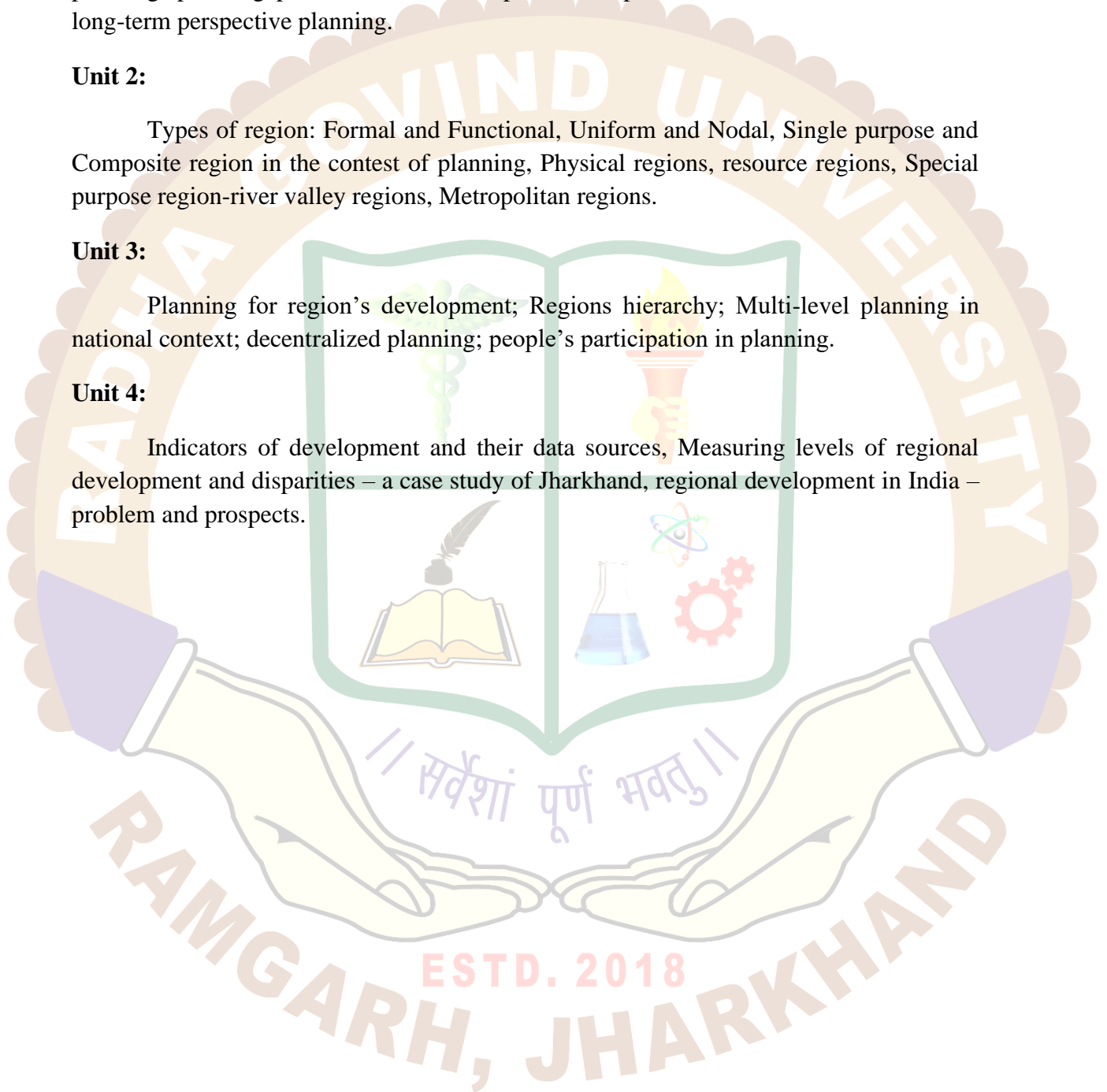
Types of region: Formal and Functional, Uniform and Nodal, Single purpose and Composite region in the contest of planning, Physical regions, resource regions, Special purpose region-river valley regions, Metropolitan regions.

**Unit 3:**

Planning for region's development; Regions hierarchy; Multi-level planning in national context; decentralized planning; people's participation in planning.

**Unit 4:**

Indicators of development and their data sources, Measuring levels of regional development and disparities – a case study of Jharkhand, regional development in India – problem and prospects.



**Paper XII**

**Practical  
Cartographic & Quantitative technique**

**Pattern of Questions in CBCS Post Graduate Programme FM: 100**

		Sessional Internal				External	
		Written	Day to day Assessment	Attendance	Total	Questions to be set as per topic and marks	Total
1	Full Marks	20	5	5	30	70	100
2	Pass Marks	08	04		12	28	40

**Time : 6 Hours**

**Course content:**

**Unit – 1**

Resources techniques and design, Methods of data collection and sampling.

15

**Unit – 2**

Construction and interpretation of Climograph, Hythergraph, Isopleth, Chloropleth, Pyramid diagram, Erograph, Lorenz Curve, Flow Diagram; Nearest neighbor Analysis.

15

**Unit – 3**

Field Study- Survey and report (approved by the Head of the Department)

10+5=15

Field tour and report (any geographical region of country) 10+5=15

**Unit – 4**

Practical note-book and viva-voce

5+5=10

**Semester-IV**

**Paper XIII**

**BIOGEOGRAPHY**

**P.G. Department of Geography**

**RGU Ramgarh**

**Pattern of Questions in CBCS Post Graduate Programme**

		Sessional Internal				External		
		Written	Day to day Assessment	Attendance	Total	Theory	Distribution of Marks	Total
1	Full Marks	20	5	5	30	70		100
2	Pass Marks	08		04	12	28		40
1	Number of Questions to be set for External					=	09(Nine)	
2	Structure of Question Pattern					No. of Question	Distribution of Marks	Total
(a)	Question number 1. is Compulsory which will be very Short Answer Type Question					07	0 7x2	14
(b)	Out of 08 Long Type Question Any 04 Question to be Answered					04	04x14	56
Total								70

## Paper – XIII

### BIOGEOGRAPHY

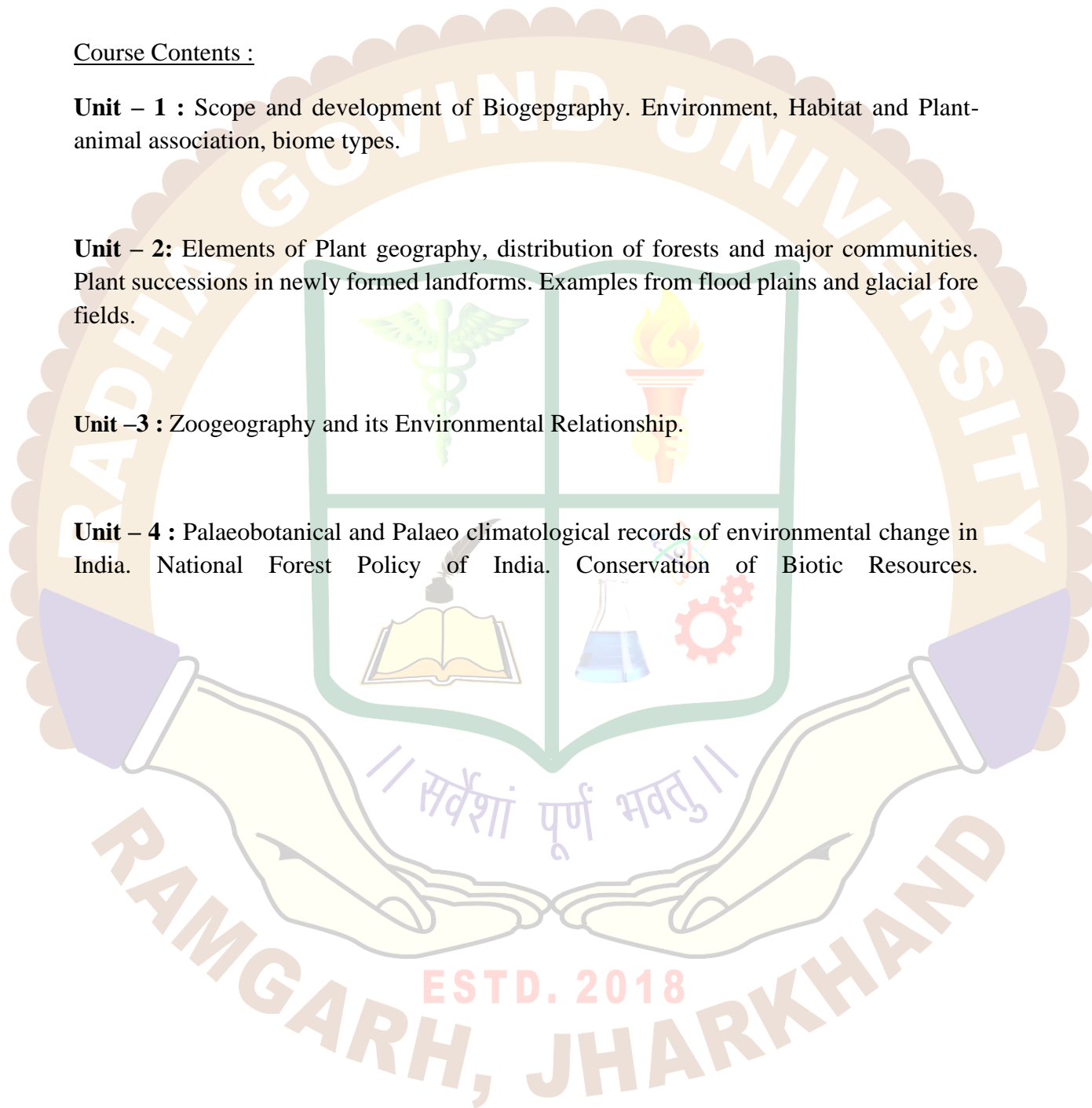
#### Course Contents :

**Unit – 1 :** Scope and development of Biogeography. Environment, Habitat and Plant-animal association, biome types.

**Unit – 2:** Elements of Plant geography, distribution of forests and major communities. Plant successions in newly formed landforms. Examples from flood plains and glacial fore fields.

**Unit –3 :** Zoogeography and its Environmental Relationship.

**Unit – 4 :** Palaeobotanical and Palaeo climatological records of environmental change in India. National Forest Policy of India. Conservation of Biotic Resources.



**Paper XIV**

**Geography of Tourism and Transport**

**P.G. Department of Geography**

**RGU Ramgarh**

**Pattern of Questions in CBCS Post Graduate Programme**

		Sessional Internal				External			
		Written	Day to day Assessment	Attendance	Total	Theory	Distribution of Marks	Total	
1	Full Marks	20	5	5	30	70		100	
2	Pass Marks	08	04		12	28		40	
1	Number of Questions to be set for External						=	09(Nine)	
2	Structure of Question Pattern					No. of Question	Distribution of Marks	Total	
(a)	Question number 1. is Compulsory which will be very Short Answer Type Question					07	07x2	14	
(b)	Out of 08 Long Type Question Any 04 Question to be Answered					04	04x14	56	
Total								70	

## **Course Contents:**

### **Unit – 1**

Nature, Scope, Significance and Development of Transport Geography, Factors associated with the development of transport system, Physical Economic, Social, Cultural and Institutional, Technological and Regional development and transport development.

### **Unit – 2**

Transport policy and planning, transport development in developing countries, urban transportation, Growth and problems of urban transportation, Transport and environment degradation, Vehicular pollution and congestion, Alternatives to transport system in Mega cities of India. National highway development and planning in India.

### **Unit – 3**

Basis of tourism, Definition of tourism, Factors influencing tourism, Historical, Natural, Social, Cultural and Economical. Motivating factor for pilgrimages, leisure, Recreation, elements of tourism as an Industry. Geography of tourism, its spatial affinity, Areal and Locational dimension comprising physical, cultural, Historical and Economical. Tourism types; eco-ethno' Coastal and adventure tourism, National and International tourism, Globalization and tourism.

### **Unit – 4**

Tourism circuits-short and longer detraction, Agencies and international, Indian hotel industry, Impacts of tourism, Physical economic and social and perceptual, Positive and negative impacts, Environmental laws and tourism, current trends spatial pattern and recent changes, Role of foreign capital and impact of globalization on tourism



**Paper XV**

**Urban Geography and Planning**

**P.G. Department of Geography**

**RGU Ramgarh**

**Pattern of Questions in CBCS Post Graduate Programme**

		Sessional Internal				External			
		Written	Day to day Assessment	Attendance	Total	Theory	Distribution of Marks	Total	
1	Full Marks	20	5	5	30	70		100	
2	Pass Marks	08		04	12	28		40	
1	Number of Questions to be set for External						=	09(Nine)	
2	Structure of Question Pattern					No. of Question	Distribution of Marks	Total	
(a)	Question number 1. is Compulsory which will be very Short Answer Type Question					07	07x2	14	
(b)	Out of 08 Long Type Question Any 04 Question to be Answered					04	04x14	56	
Total								70	

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## Unit – 1

Bases: Meaning and scope of Urban Geography, Recent trends in urban Geography, Processes and pattern of Urbanization, Origin and evolution of urban settlements, Geographical approaches to the study of Urbanization.

## Unit – 2

Characteristics : of cities in different historical period with special reference to India, Definition of Urban places and areal classification of urban places on the basis of size and function, Functional classification of towns.

## Unit – 3

Spatiality and models: Size and spacing of cities: Rank size rule, law of Primate City, Nearest Neighbor Analysis; City region; Rural urban fringe, Central Place Theory of Christaller and Losch; Theories of internal structure of cities (Burgess, Hoyt and Harris & Ullman).

## Unit –4

Urban Issues and Planning: Urban problems-Environment, Urban poverty, Slums, Transportation, Housing, Crime.

Meaning and concept of urban planning, Components of urban planning; Planned City – Chandigarh, Master Plan, the urban planning administration in India; The town and country planning organization (TCPO), New trends in urban planning, National Urban Policy.

## Paper XVI

### **Elective Practical**

As per Elective/Optional papers being taught in the department.

**Full Marks : 100**

**Time : 6 Hours**

#### **Unit – 1**

- (a) A Study Tour/Project Report on relevant topics: Impact of human activities on Ecosystem and Resource Development of a Region (to be approved by the Departmental Council).

25

#### **Unit – 2**

- (a) A Study Tour/Project Report on a relevant topic related to tourism and transport of a region (to be approved by the Departmental Council)

25

#### **Unit – 3**

- (a) A Study Tour/Project Report on urban issues of a city or town (to be approved by the Departmental Council)

25

#### **Unit – 4**

Viva-Voce

25