

**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM & MARKING SCHEME**

**B.A. V, VI, VII, VIII Semester**  
**GEOGRAPHY**

**(Based on Choice Based Credit System)**

**SESSION : 2025-26**



**ESTD : 1958**

**GOVT. V.Y.T. PG AUTONOMOUS COLLEGE,**  
**DURG, 491001 (C.G.)**

**(Former Name – Govt. Arts & Science College, Durg)**

**NAAC Accredited Grade A<sup>+</sup>, College with CPE - Phase III (UGC), STAR COLLEGE (DBT)**

**Phone : 0788-2212030**

**Website - [www.govtsciencecollegedurg.ac.in](http://www.govtsciencecollegedurg.ac.in), Email – [autonomousdurg2013@gmail.com](mailto:autonomousdurg2013@gmail.com)**

**GOVT. V.Y.T. P.G. AUTONOMOUS COLLEGE  
DURG (C.G.)**

**SYLLABUS**

**U.G. GEOGRAPHY**

**SEMESTER EXAMINATION**

B. A. SEM. EXAM. : V/VI (2025-26)

B. A. SEM. EXAM. : VII/VIII (2025-26)

**APPROVED BY BOARD OF STUDIES  
DEPARTMENT OF GEOGRAPHY**

**GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE DURG**  
**DEPARTMENT - GEOGRAPHY**

**Approved syllabus for B.A. GEOGRAPHY by the members of Board of Studies for the Sessions 2025-2026**

**The syllabus with the paper combinations is as under**

**Semester V:**

<b>DSC: Economic and Resource Geography ( CORE &amp; GEC)</b>	<b>Practical Geography ; Map Projection</b>
<b>DSE I : Agriculture and Food Security</b>	
<b>DSE II : Evolution of Geographical Thought</b>	

**Semester VI:**

<b>DSC: REMOTE SENSING AND G.I.S ( CORE &amp; GEC)</b>	<b>Practical Geography : GIS, Graphical Representation of Statistical data and field work</b>
<b>DSE I :Geography of Social Wellbeing</b>	
<b>DSE II : Resources and Environment</b>	
<b>Skill Enhancement : Regional Planning and Sustainable Development</b>	

**Semester VII:**

<b>DSC: Advance Geography of Chhattisgarh</b>	<b>Practical Geography</b>
<b>DSE 1 :Advance Climatology</b>	<b>DSC:Representation of Statistical data and Slope Analysis</b>
<b>DSE 2 :Political Geography</b>	
<b>DSE 3 :Industrial Geography</b>	<b>DSE 1 : Weather map, Graphs and Diagram</b>
<b>DSE 4 :Environment Geography</b>	

**Semester VIII:**

<b>Section A-DSC: Advance Geography of India DSE 1 : Research Methodology</b>	<b>DSC- Map Interpretation and Drainage Analysis DSE-I Statistical Method</b>
<b>Project Report PROJECT BASED ON FIELD WORK, SURVEY REPORT(SOCIO-ECONOMIC STATUS OF VILLAGE)</b>	
<b>Section B DSC: Advance Geography of India DSE 1 : Research Methodology DSE 2 : Advance Regional Planning and Development DSE 3 : Geography of Tourism DSE 4 : Transport Geography</b>	<b>DSC- Map Interpretation and Drainage Analysis DSE-I Statistical Method</b>

GOVT. V.Y.T.P.G. AUTONOMOUS COLLEGE DURG

Dept. of Geography

Session – 2025-26

B.A. V & VI, SEM.  
(CORE & DSE)

Core Theory Papers	-	100
Dse Theory Papers	-	100
Practical	-	50

B.A. V & VI, SEM ( CORE & GEC)

Core & Gec Theory Papers	-	75
B.A. V & VI Dse Theory Papers	-	75
Practical	-	50

Skill Enhancement : MARKS -50

Theory Papers	-	25
Practical	-	25

The syllabus for B.A. GEOGRAPHY is hereby approved for the sessions 2024-25

Name and Signatures

Chairperson/H.O.D.	Departmental members
Subject Expert (University Nominee)	1. ....
Subject Expert (College Nominee)	2. ....
Subject Expert (College Nominee)	3. ....
Industrial Area (Representative)	4. ....
Meritorious Alumni of Postgraduate	5. ....
Professors of other department of the same Faculty	6. ....

# **GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE DURG**

**B.A. V Semester Geography**

**Session 2025-26**

## **Economic and Resource Geography**

### **Unit I**

Meaning, definition & Scope of Economic geography.

Main Concepts of Economic Geography: 1. The concept of Economic landscape,

Economic Landscape is dynamic, 3. Concept of location of Economic activities,

Resource: Concept and Classification. Natural Resources: Soil and forest (Types & Distribution)

### **Unit II**

Mineral and Power Resources: Iron ore, Bauxite, Coal, Petroleum, Hydro Electricity.

Resource Conservation. Major Industries: Iron & Steel, Cotton textile.

### **Unit III**

Industrial regions of the world. Theory of Industrial location (Weber).

Major Crops: Wheat, Rice, Sugarcane & Tea.

Theory of agricultural location (Von Thunen)

### **Unit IV**

World Transportation: Major Trans-continental railway. Sea & Air routes.

World Major Trade Blocks: EEC, LAFTA, ASEAN, OPEC.

### **Unit V**

Globalization and India. Conservation & management of Natural resources: Soil, Water & Forest. Sustainability of resource. Resource management & Conservation: perception & choice, Nature & Human centered view of resource managing approaches to resource management

**GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE, DURG**  
**B.A. V Semester (Geography)**  
**Session-2025-26**

**BGE102 : Projection & Survey (Practical) - (1) (GEC & DSC)**

**Learning Outcome:**

After the completion of course, the students will have ability to:

1. Read and prepare maps.
2. Comprehend locational and spatial aspects of the earth surface.
3. Use and importance of maps for regional development and decision making.

**Course Content:**

**Map Projections :** Conical (One standard parallel, Two standard parallels, Polyconic & Bonne's Projection), Cylindrical (Equidistant, equal-area, Mercator's & Gall's stereographic projection), Zenithal (Gnomonic, Stereographic & Orthographic projection).

**Survey :** Dumpy level survey.

**Books Recommended:**

1. Sarkar, A. K. (1997): Practical Geography: A Systematic Approach. Orient Longman, Kolkata.
2. Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi.
3. श्रीवास्तव, बी.के. : भूगोल में सांख्यिकीय, वसुन्धरा प्रकाशन
4. हीरालाल : प्रायोगिक भूगोल, किताब घर कानपुर
5. चौहान, पी. आर. : प्रयोगात्मक भूगोल, वसुन्धरा प्रकाशन, गोरखपुर, 2009
6. सिंह, एल. आर. : प्रायोगिक भूगोल के सिद्धांत,
7. शर्मा, जे. पी. : प्रायोगिक भूगोल, रस्तोगी पब्लिकेशन्स, 2017
8. खुल्लर, डी. आर. : प्रयोगात्मक भूगोल, कल्याणी पब्लिशर्स, नई दिल्ली, 2015

The syllabus for B.A. GEOGRAPHY is hereby approved for the sessions 2025-26.

**Name and Signatures**

Chairperson/H.O.D. <i>AZ 23.4.25</i>	Departmental members
Subject Expert (University Nominee)..... <i>23.4.25</i>	1. <i>Shi</i>
Subject Expert (College Nominee).....	2. <i>Plany</i>
Subject Expert (College Nominee).....	3. <i>V. yadu</i>
Industrial Area (Representative).....	4. <i>Prithi</i>
Meritorious Alumni of Postgraduate..... <i>Pr</i>	5. <i>as</i>
Professors of other department of the same Faculty	6. <i>41</i>

**GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE, DURG**  
**B.A. V Semester (Geography)**  
**Session – 2025-26**  
**Agriculture and Food Security (DSE 1)**

**Learning Outcome:**

After the completion of course, the students will have ability to:

1. Conceptualize the agriculture and its determinants.
2. Get the overview of Indian and World agriculture regions and systems.
3. Have sound knowledge of agriculture revolutions and food security

**Course Content:**

- Unit 1.** Nature and scope of Agriculture Geography. Concept of Land use: Economic, Land use Capability, Maximum and Optimum, Comparative profit, Regional balance, Distance concept, Behavioural, Perception and Image of land utilization. Determinates factors of agricultural Land Use. Land Use classification of India.
- Unit 2.** Determinants of Agriculture: Physical: Relief, Climate, Soil. Technological: Land Reform and Security, Mechanization, Crop improvement, Irrigation, Improvement of animal breeds, Distribution of farm investors and agricultural production. Institutional: Land ownership system, Size of Holdings, Sub-division and Fragmentation of Holdings, Characteristics of Farm Family.
- Unit 3.** Agricultural Regions: Concept and Definition. Methods of Agricultural regionalization( statistical techniques) : Weavers and Doi method. Agricultural Regions of India: Agro-climatic, Crop Combination Regions.
- Unit 4.** Agricultural Systems of the World (Whittlesey's classification) and Agricultural Land use model (Von Thunen, modification and relevance). Characteristics and problems of Indian Agriculture.
- Unit 5.** Food Security: Concept, approaches, pattern, Indian revolution: Green Revolution, White Revolution, Blue, Yellow & Rainbow Revolution. National Agriculture policy.

**Suggested Readings**

1. Gregor, H.P. : Geography of Agriculture. Prentice Hall, New York, 1970.
2. Grigg, D.B. : The Agricultural Systems of the world, Cambridge University Press, New York 1974.



3. Morgan W.B. AND Norton, R.J.C. : Agricultural Geography, Mathuen, London, 1971.
4. Mogra, W.B. : Agriculture in the Third World – A Spatial Analysis. Westview Press, Boulder, 1978.
5. Singh, J. and Dhillon, S.S. : Agricultural Geography, Tata Mcgraw Hill Pub.; New Delhi, 1988.

- 6 कुमार ,प्रमीला : कृषि भूगोल ,मध्य प्रदेश हिन्दी ग्रंथ अकादमी भोपाल ,2008
- 7 हुसैन ,माजिद : कृषि भूगोल ,रावत पब्लिकेशन जयपुर
- 8 बधेल ,अनुसुया : कृषि भूगोल ,होरीजन बुक्स नई दिल्ली ,2015
- 9 गौतम, अल्का : कृषि भूगोल, शारदा पुस्तक भवन, इलाहाबाद, 2009
- 10 तिवारी, आर. सी. एव .बी. एन : कृषि भूगोल, प्रवालिका पब्लिकेशन्स, इलाहाबाद, 2021

**The syllabus for B.A. GEOGRAPHY is hereby approved for the sessions 2025-26**

**Name and Signatures**

Chairperson/H.O.D.	Departmental members
Subject Expert (UniversityNominee)	1.....
Subject Expert (CollegeNominee)	2.....
Subject Expert (CollegeNominee)	3.....
Industrial Area (Representative)	4.....
Meritorious Alumni of Postgraduate	5.....
Professors of other department of the same Faculty	6.....

# **GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE DURG**

**B.A. VI Semester Geography**

**Session 2025-26**

## **Evolution of Geographical Thought (D.S.E-II)**

**Learning Outcome:**

After the completion of course, the students will have ability to:

1. Distinguish the paradigms in geography discipline through time
2. Understand the geographical thinking in different regions of world
3. Appreciate the past and future trends of world geography in general and Indian geography in particular

### **Course Content:**

#### **Unit – 1**

Meaning, Nature and Scope of geography, Branches and Sub-branches of Geography, Relationship of Geography with other sciences, Fundamental concept of geography : concept of the earth surface, concept of location, sites and situation, Man environment Relationship.

#### **Unit – 2**

Historical development: contribution of different scholars during ancient Greek & Roman : Herodotus, Eratosthenes, Strabo, Ptolemy. Seven Diwipas of the Earth in Purans.

#### **Unit – 3**

German school : A.V Humboldt, Carl Ritter, Friedrich Ratzel

French school : Vidal-de-la-Blache, Jean Brunhes

British school : H.J. Mackinder

American school : W.M. Dawis, G. Taylor.

#### **Unit - 4**

Determinism, Possibilism, Neo Determinism, Dualism in geography: Physical Geography versus Human geography, Systematic geography versus Regional geography.

#### **Unit - 5**






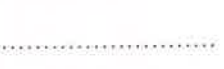


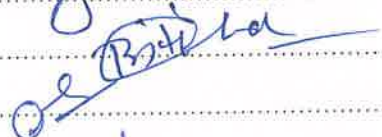
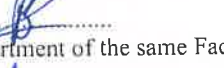
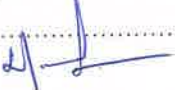


Quantitative revolution, Positivism, Behaviouralism, System Approach, Radicalism, Development of Geography in modern India.

### Suggested Reading

1. Dikshit, R.D. (ed.) : The Art & Science of Geography Integrated Readings, prentice Hall of India, New Delhi, 1994.
2. Hartshome, R. : perspectives on Nature of Geography, Rand MoNaLly & Co. 1959.
3. Husain, M. : Evolution of Geographic Thout, Rawat Pub, Jaipur, 1984.
4. Johnston, R.J. : The Future of Geography, Methuen, London, 1988.
5. Minshull, R. 5:The Changing Nature og Geography, Hutchinson University Library London, 1970.
- 6 सिंह, जगदीश : भौगोलिक चिंतन का क्रम विकास, आर.के. बुक्स, नई दिल्ली, 2010
- 7 हुसैन माजिद : भौगोलिक चिंतन का इतिहास, रावत पब्लिकेशन, नई दिल्ली, 2004
- 8 श्रीवास्तव, वी.के. : भौगोलिक चिन्तन के आधार, आर.के. बुक्स, नई दिल्ली

The syllabus for B.A. GEOGRAPHY is hereby approved for the sessions 2025-26

### Name and Signatures

Chairperson/H.O.D. 	Departmental members
Subject Expert (University Nominee) 	1. 
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Industrial Area (Representative) 	4. 
Meritorious Alumni of Postgraduate 	5. 
Professors of other department of the same Faculty 	6. 

# **GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE DURG**

**B.A. VI Semester Geography**

**Session 2025-26**

## **REMOTE SENSING AND G.I.S (Core and Gec)**

Learning Outcomes:

After the completion of course, the students will have ability to:

1. Appreciate the strength and application of remote sensing
2. Map the resources, their location and availability
3. Apply this knowledge for sustainable developmen

### **Unit – I**

Meaning and Basic definition, History and scope Concept of Remote Sensing. process of Remote Sensing, Stages of Remote Sensing, Electromagnetic Spectrum, Interaction with earth surface features an atmosphere, Spectral signature,

### **Unit – II**

Types and characteristics of Remote Sensing Platforms: Ground Based, Air Based and Space Based platform. Sensor: Active and Passive, types of resolution, Remote Sensing Programme of India,

### **Unit – III**

Digital image Processing: type of image, Categorization image processing, Digital image Classification, Fundamentals of Aerial Photography: classification Aerial Photography, Fundamentals of Air Photo Interpretation,

### **Unit – IV**

Geographical Information system: Meaning, objective and Concept of GIS, Objective, history of GIS, components of GIS, Function of GIS, Application of GIS, Segments of GPS

### **Unit – V**


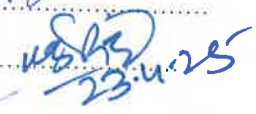




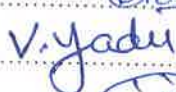






Data Model and data Structure: Function of data model, types of models, Spatial Data Models for GIS: Raster and Vector model, Data Inputting Method, Spatial Data Editing.

### Suggested Readings

1. American Society of Photogrammetry : Manual Remote Sensing ASP Falls Church V.A. 1983.
2. Barrett E.C. and L.P. Curtis : Fundamentals of Remote Sensing and Air Photo Interpretation on. Mc MILLAN. New York.1992.
3. Curran. Paul J. : Principles of Remote Sensing : Longman, London. 1985.
4. Luder D. : Aerial Photography Interpretation : Pinciples and Application. C.C.Graw Hill, New York, 1978.
5. Rao D.P. (eds) : Remote Sensing For Earth RESOURCES, Association of Exploration Geography, Hyderabad,1998.
6. चौनियाल, देवी दत्त : सुदूर संवेदन एवं भौगोलिक सूचना प्रणाली, शारदा पुस्तक भवन इलाहाबाद, 2009
7. खत्री हरीश कुमार : सुदूर संवेदन तकनीक, कैलाश पुस्तक सदन, भोपाल 2022

The syllabus for B.A.VI GEOGRAPHY is hereby approved for the sessions 2025-26

### Name and Signatures

Chairperson/H.O.D. 	Departmental members
Subject Expert (University Nominee) 	1. 
Subject Expert (College Nominee) 	2. 
Subject Expert (College Nominee) 	3. 
Industrial Area (Representative) 	4. 
Meritorious Alumni of Postgraduate 	5. 
Professors of other department of the same Faculty 	6. 



**GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE, DURG**  
**B.A. VI Semester (Geography)**  
**Session – 2025-26**

**Practical Geography - (Gec & Dsc)**

1. **Satellite Imageries: Describing the Marginal Information, Image Interpretation: Visual Methods – Land Use/ Land Cover Mapping. Use and Application of GIS.**
2. **Graphical Representation: Band Graph, Climograph, Hyther Graph, Square Root and Cube Root Diagram.**
3. **Field Work and Field Report: Social and Economic Survey of a Micro region.**

**Suggested Readings**

1. Greogory, S. Statistical Methods and the Geographers, Longman, London, 1978.
2. Hammond R. and P.S. Mc Cullah ; Quantitive Techniques in Geography : An Introduction . Clarendanpress, Oxfrod, 1974.
3. हीरालाल : प्रायोगिक भूगोल, किताब धर कानपुर
4. चौहान, पी. आर. : प्रयोगात्मक भूगोल, वसुन्धरा प्रकाशन, गोरखपुर, 2009
5. Khullar D.R. : Practical Geography, Kalyani Publishers, 2015
6. Sharma J.P. : Practical Geography, Rastogi Publications.

**The syllabus for B. A. VI GEOGRAPHY is hereby approved for the sessions 2024-25.**

**Name and Signatures**

Chairperson/H.O.D.	Departmental members
Subject Expert (University Nominee).....	1.....
Subject Expert (College Nominee).....	2.....
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Professors of other department of the same Faculty.....	6.....

**GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE, DURG**  
**B.A. VI Semester (Geography)**  
**Session – 2025-26**

**Geography of Social Wellbeing (DSE -I)**

**Learning Outcome:**

After the completion of course, the students will have ability to:

1. Understand the nature, scope and relationships of geography and human wellbeing;
2. Acquire knowledge on spatial dimensions of social diversity components;
3. Appreciate the social welfare programs related to inclusive and exclusive policies in India.

**Course Contents:**

**UNIT I** Meaning, definition and scope of Social Geography and it's Nature and relationship with other Social sciences. Theories related to the origin of Society

**UNIT II** Social Diversity : Caste: Meaning, Characteristics of Caste System, Social Class: Definition, Bases of class Determination, Difference between caste and class. Religion: Characteristics, Classification of Religions. Race : Meaning, Physical Traits of Human Races. Migration Zone Theory.

**UNIT III** Social Wellbeing: Meaning and Indicators. Human Development: development and growth , approaches, measurement and four pillars of human development.

**UNIT IV** Social stratification, processes, interaction. Social organization and groups. Society and environment quality of social environment Geographies of Inclusion and Exclusion, Slums, Gated Communities, Communal Conflicts and Crime.



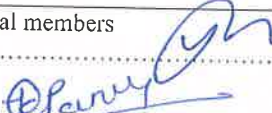




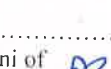




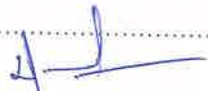
**UNIT V** Social change in India : factor of Social change , processes of Social change in India . Social development planning– meaning and importance. Public policy and social planning in India : Review of Five year Plans strategies to improve Social well being.

## Suggested Readings

- 1.Ahmad Aijazuddin, Social Geography, Rawat Publication. New Delhi, 1999.
- 2.Dreze jean' Amariya Sen.Economic Development and Social opportunity.Oxford University Press. New Delhi. 1996.
- 3.Dubey.S.C : Indian Society. National Book Trust, New Delhi. 1991.
- 4.Haq. Mahbubul : Relections on Human Development. Oxfort University press, Ely House, London. 1977.
- 5 मौर्य, एस.डी. : सामाजिक भूगोल, शारदा पुस्तक भवन, 11, युनिवर्सिटी रोड, 2004
- 6 आहूजा, राम : भारतीय समाज, आर. के. बुक्स, नई दिल्ली, 2004
- 7 शर्मा, के.एल. : सामाजिक स्तरीकरण, रावत पब्लिकेशन, जयपुर, 2011

The syllabus for B.A. GEOGRAPHY is hereby approved for the sessions 2025-26

### Name and Signatures

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**GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE, DURG**  
**B.A. VI Semester Geography (DSE)**  
**Session – 2025-26**

**RESOURCES AND ENVIRONMENT DSE-II**

**Learning Outcome:**

After the completion of course, the students will have ability to:

1. Understand the dynamic interactive relationship between man and environment.
2. Have sound understanding on distribution, utilization and proper management of natural resources at global level.
3. Make assessment and review of planning and policies related to environment and natural resources.

**Course Content:**

**Unit 1.** Meaning, nature and components of resources and environment.

Classification of resources; renewable and nonrenewable: biotic (forests, wild-life, live-stock, fisheries, agricultural crops) and abiotic (land, water, mineral).

**Unit 2.** Distribution and utilization of water; minerals and energy resources, their economic and environmental significance and conservation. Types and distribution of forests, fauna and fisheries, their economic and environmental significance and conservation. Major soil types and their distribution; problems of soil erosion and soil conservation.

**Unit 3.** Number, density, growth and distribution of population; population pressure and resource utilization. Population resource region.

**Unit 4.** Classification of environment: Natural and Human. Man-environment interrelation with respect to population size, types of economy and technology; exploitations of natural resources and environmental hazards.

**Unit 5.** Emerging environmental issues-population explosion; food security; deforestation; global warming, conservation of bio-diversity; sustainable development..

**Suggested Readings :**

1. Hooja, r. & Joshi, R. : Desert, Drought and Development, studies in Resource Management and Sustainability ; Rawat Publication. Jaipur, 1994.
2. Howard, M.C. (ed.), Asia's Environmental Crisis, West view Press. Prouldar, 1993.

3. Kates, R.W. & Burton, I (eds) : Geography, Resources and Environment, Vol. I & II University of Chicago Press, Chicago, 1986.
4. Mc Laren, D.J. and Skinner B.J. (eds) : Resources and world Development, John Wiley & Sons, New York, 1986.
5. Simmons, L.G. Air & Water ; Resources and Environment in Late 20<sup>th</sup> Century Edward Arnold, New York, 1991.
6. ऋतुरानी, लोकेश श्रीवास्तव : संसाधन प्रबंध, विश्वविद्यालय प्रकाशन दिल्ली ,2007
7. सिंह, काशीनाथ एवं अन्य : आर्थिक भूगोल के मूल तत्व , वसुन्धरा प्रकाशन गोरखपुर उ.प्र.
8. Chandna, R. C., (2002): Environmental Geography, Kalyani, Ludhiana.
9. Cunningham, W. P. and Cunningham, M. A., (2004): Principles of Environmental Science: Inquiry and Applications, Tata Macgraw Hill, New Delhi.
10. Goudie, A., (2001): The Nature of the Environment, Blackwell, Oxford.
11. Holechek, J. L. C., Richard, A., Fisher, J. T. and Valdez, R., (2003): Natural Resources: Ecology, Economics and Policy, Prentice Hall, New Jersey.
- 12.. Jones, G. and Hollier, G., (1997): Resources, Society and Environmental Management, Paul Chapman, London.
13. Kumaraswamy, K., Alagappa Moses., A & Vasanthy, M. (2004) Environmental Studies, Bharathidasan University, Tiruchirappalli

**The syllabus for B.A.VIII GEOGRAPHY is hereby approved for the sessions 2025-26.**

**Name and Signatures**

Chairperson/H.O.D.	Departmental members
Subject Expert (University Nominee)	1. ....
Subject Expert (College Nominee)	2. ....
Subject Expert (College Nominee)	3. ....
Industrial Area Representative)	4. ....
Meritorious Alumni of Postgraduate)	5. ....
Professors of other department of the same Faculty	6. ....

**GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE DURG**

**B.A. VI Semester (Geography)**

Session 2025-26

**Skill Enhancement :  
Regional Planning and Sustainable Development**

**Learning Outcomes:**

After the completion of the course, the students will have the ability to:

1. Appreciate the basics of regional planning methodology and the need for adopting newer models in the planning process;
2. Understand the history of adopting various planning strategies for balanced national development;
3. Capable of diagnosing the regional issues and the necessity to adopt suitable SDGs in India.

**Course Content:**

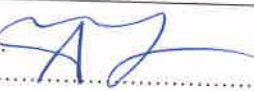

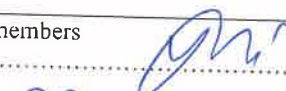


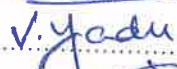



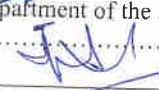
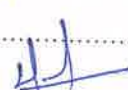
1. Regional Planning: Definition and Scope. Concepts and Delineation, concept of regions.
2. Models for Regional Planning: Growth Pole Theory; Core Periphery Model and Central place Theory of Christaller.
3. Planning for special problem Region: Tribal area and Drought prone areas. (Bastar plateau, C.G.), Command areas and River basins.
4. Regional Planning and Development in India.

**References:**

1. Bajaj, Amrita and Ajay Kumar, (2018): Geography of Development: Indian Perspectives, Indian Pub. House, Jaipur.
2. Blij H. J. De, (1971): Geography: Regions and Concepts, John Wiley and Sons, New Jersey.
3. Claval, P.I, (1998): An Introduction to Regional Geography, Blackwell Publishers, Oxford.
4. Friedmann, J. and Alonso W. (1975): Regional Policy - Readings in Theory and Applications, MIT Press, Massachusetts.

5. Gore, C. G., (1984): Regions in Question: Space, Development Theory and Regional Policy, UGC DOCUMENT ON LOCF GEOGRAPHY 106 Methuen, London.
6. Gore, C. G., Köhler G., Reich U-P. and Ziesemer T., (1996): Questioning Development; Essays on the Theory, Policies and Practice of Development Intervention, Metropolis- Verlag, Marburg.
7. Haynes, J., (2008): Development Studies, Polity Short Introduction Series, John Wiley and Sons, New Jersey.
8. Johnson, E. A. J., (1970): The Organization of Space in Developing Countries, MIT Press, Massachusetts.
9. Peet, R., (1999): Theories of Development, The Guilford Press, New York.
10. Singh, R.B. (Ed.) (2015) Urban Development Challenges, Risks and Resilience in Asian Mega Cities, Springer, Tokyo.
11. UNDP (2001-04): Human Development Report, Oxford University Press, Oxford. 12. World Bank (2001-05): World Development Report, Oxford University Press, Oxford

The syllabus for B.A. GEOGRAPHY is hereby approved for the sessions 2025-26  
Name and Signatures

Chairperson/H.O.D. 	Departmental members
Subject Expert (University Nominee).....  13.4.25	1. 
Subject Expert (College Nominee)..... 	2. 
Subject Expert (College Nominee).....	3.  V. Yadu
Industrial Area (Representative).....	4. 
Meritorious Alumni of Postgraduate..... 	5.  O.S.
Professors of other department of the same Faculty ..... 	6. 

# **DEPARTMENT OF GEPOGRAPHY**

## **COURSE CURRICULUM & MARKING SCHEME**

### **B.A.VII & VIII Semester**

### **GEOGRAPHY**

**(Based on Choice Based Credit System)**

**SESSION:2025-26**



**ESTD : 1958**

**GOVT.V.Y.T.PG AUTONOMOUS COLLEGE,  
DURG, 491001 (C.G.)**

(Former Name – Govt. Arts & Science College, Durg)

NAAC Accredited Grade A + , College with CPE - Phase III (UGC),

STAR COLLEGE (DBT), Phone: 0788-2212030

Website - [www.govtsciencecollegedurg.ac.in](http://www.govtsciencecollegedurg.ac.in),

Email – [autonomousdurg2013@gmail.co](mailto:autonomousdurg2013@gmail.co)



**Govt. V.Y.T. PG Autonomous College, Durg**  
**(Chhattisgarh)**  
(Erstwhile: Govt. Arts & Science College, Durg)

**B.A. WITH GEOGRAPHY**

**VII & VIII Semester**

**2025-26**



**Govt. V.Y.T. PG Autonomous College, Durg  
(Chhattisgarh)**  
(Erstwhile: Govt. Arts & Science College, Durg)

**Approved syllabus for Semester and CBCS curriculum of B.A. with  
GEOGRAPHY, by the members of Board of Studies for  
SESSION:2025-26**

<b>Semester VII</b>	<b>No. of Credits</b>	<b>Semester VIII</b> For students opting B.A. Honours (with Geography) CGPA (completion of VI Sem) < 7.5	<b>No. of Credits</b>	<b>Semester VIII</b> For students opting B.A. Honours (with Research) CGPA (completion of VI Sem) < 7.5	<b>No. of Credits</b>
<b>DSC:BGEO-701</b> Advance Geography of Chhattisgarh	3	<b>DSC-1A:BGEO-801(A)</b> Advance Geography of India	3	<b>DSC-2B:BGEO-801(B)</b>  Advance Geography of India	3
<b>DSC:BGEO- 702</b> <b>Practical</b> Representation of Statistical data and Slope Analysis	1	<b>DSC-1A: BGEO-802(A)</b> <b>Practical</b> Map Interpretation and Drainage Analysis	1	<b>DSC-2B: BGEO- 802(B)</b> <b>Practical</b> Map Interpretation and Drainage Analysis	1
<b>DSE-1 :BGEO-703</b> Advance Climatology	3	<b>DSE-1A:BGEO-803(A)</b> Research Methodology	3	<b>DSE-1B :BGEO-803(B)</b> Research Methodology	3
<b>DSE-1 :BGEO- 704</b> <b>Practical</b> Weather map, Graphs and Diagram	1	<b>DSE-1A:BGEO- 804(A)</b> <b>Practical</b> Statistical Method	1	<b>DSE-1B:BGEO-804(B)</b> <b>Practical</b> Statistical Method	1
<b>DSE-2:BGEO-705</b>  Political Geography	4	<b>BGEO-805(A)</b> <b>Research Project</b> PROJECT BASED ON FIELD WORK, SURVEY REPORT (SOCIO-ECONOMIC STATUS OF VILLAGE)	12	<b>DSE-2B:BGEO-805(B)</b>  Advance Regional Planning and Development	4
<b>DSE-3:BGEO – 706</b>  Industrial Geography	4		4	<b>DSE-2B:BGEO-806 (B)</b> Geography of Tourism	4
<b>DSE-4:BGEO - 707</b> Environment Geography	4			<b>DSE-2B :BGEO-807 (B)</b> Transport Geography	4



**Govt. V.Y.T. PG Autonomous College, Durg**  
**(Chhattisgarh)**  
(Erstwhile: Govt. Arts & Science College, Durg)

**Absolute Grading System (for conversion of marks into grade points)**

Letter Grade	Grade point	Obtained Scor
O (Outstanding) 10	10	>90 and =100
A+(Excellent) 9	9	>80 and =90
A(Very Good) 8	8	>70 and =80
B+(Good) 7	7	>60 and =70
B(Above Average) 6	6	>50 and =60
C(Average) 5	5	>40 and =50
P (Pass) 4	4	=40
F(Fail) 0	0	<40
Ab(Absent)0	0	0





**Govt. V.Y.T. PG Autonomous College, Durg**  
**(Chhattisgarh)**  
(Erstwhile: Govt. Arts & Science College, Durg)

**Syllabus and Marking Scheme for B.A. with Geography**  
**Session 2025-2026**  
**Semester VII**

Course Type	Title of the Paper	No. of Credits	Marks Allotted in Theory & Practical			
			SEM. END	INTERNAL ASS.	TOTAL MARKS	
			Max	Max	Max	Min
DSC	DSC:BGEO-701 Advance Geography of Chhattisgarh	3	60	15	75	30
DSC	DSC:BGEO- 702 Practical Representation of Statistical data and Slope Analysis	1	25		25	10
DSE	DSE-1 :BGEO-703 Advance Climatology	3	60	15	75	30
DSE	DSE-1 :BGEO- 704 Practical Weather map, Graphsand Diagram	1	25		25	10
DSE	DSE-2:BGEO-705  Political Geography	4	80	20	100	40
DSE	DSE-3:BGEO – 706  Industrial Geography	4	80	20	100	40
DSE	DSE-4:BGEO - 707 Environment Geography	4	80	20	100	40

**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
**FOUR YEAR UNDERGRADUATE PROGRAM**  
**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**

<b>PART A: INTRODUCTION</b>			
<b>Program: FYUP</b> <b>U.G. With Geography (DSC)</b>		<b>Class: B.A.GeographySemester - VII</b>	<b>Session:2025-2026</b>
<b>1</b>	<b>Course Code</b>	BGEO-701	
<b>2</b>	<b>Course Title</b>	Advance Geography of Chhattisgarh	
<b>3</b>	<b>Course Type</b>	DSC	
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	<p><b>This Course will enable the students to:</b></p> <ul style="list-style-type: none"> <li>• The students will be Understand location, extent and physical features of the chhattisgarh .</li> <li>• To explain and analyze the resource distribution utilization and development in the state.</li> <li>• Describe and understand the demographic characteristics of chhattisgarh.</li> <li>• Able to explain the Industrial Development and planning process of all sectors of the Chhattisgarh.</li> <li>• Acquaint themselves with geographical knowledge of chhattigarh that will assist them in the preparation of competitive examinations.</li> </ul>	
<b>5</b>	<b>Credit Value</b>	<b>3 Credits</b>	<b>1 credit =11 Hours – Learning and Observation</b>
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks :100</b>	<b>Minimum Passing Marks:40</b>

**PART B: CONTENT OF THE COURSE****Total no. of Teaching/ Learning Periods = 45 Periods (45 Hours)**

Unit	Topics (COURSE CONTENTS)	No. of Periods
I	Genral Introduction of Chhattisgarh, Physical Features: Geological Structure, Relief and Physiographic Regions, Climate, Soil, Drainage System, Forest.	12
II	Population: Growth, Distribution and Density, Urban and Rural Population, Tribal Population. Tribes in Chhattisgarh- Gond, Halba, Uranv, Baiga.	11
III	Agricuiltuure: Cereals, Pulses and other crops. Mineral Resources: Iron-ore, Coal, Dolomite, Lime stone, Bauxite and Power Resources of Chhattisgarh.	11
IV	Industries: Iron and Steel, Cement, Sugar, Aluminium, Industrial Regions of Chhattisgarh, Trade and Transport, Tourism in Chhattisgarh (Sarguja, Mahanadi Basin & Bastar)	11

**PART C :LEARNING RESOURCES****Text Books, Reference Books, Other Resources****Reference Books:**

1. Usnedi Naveen : Know Your State Chhattisgarh, Arihant Publication (India) LTD.2016
2. वर्मा, एल. एन. – छत्तीसगढ़ का भूगोल, मध्यप्रदेश हिन्दी ग्रन्थ अकादमी, भोपाल, 2016
3. अमरोहित, गीतेश कुमार : छत्तीसगढ़ का भूगोल, सरस्वती बुक्स, भिलाई, दुर्ग
4. माहेश्वरी, मुकेश : छत्तीसगढ़ एक परिचय, टाटा मैपग्रा हील, नई दिल्ली

### PART D: ASSESSMENT AND EVALUATION

**Suggested Continuous Evaluation Methods:**

**Maximum Marks:** 75 Marks

**Continuous Comprehensive Evaluation (CCE):** 15 Marks

**Semester End Exam (SEE):** 60 Marks

**Internal Assessment:**

Internal Test of 15 Marks each and  
Assignment of 15 Marks

Continuous Comprehensive Evaluation (CCE)

**Semester End Exam (SEE) Pattern – FOUR Questions (A,B,C,D) from each Unit**

**Total marks = 60**



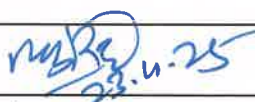






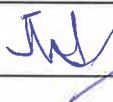
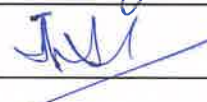



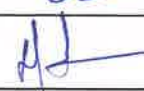
Question – A: (Compulsory) Very short answer type (02 each)  $04 \times 4 = 16$  Marks

Question – B: Short answer type question  $04 \times 4 = 16$  Marks

Question – C: Long answer type question  $07 \times 4 = 28$  Marks

**Total- =60 Marks**

### Name and Signature of Members of Board of Studies

Chairperson(H.O.D.)		
V.C. Nominee :	Dr. Tike Singh 	 23.11.25 
Subject Expert 1 :	Dr. L.N. Verma 	 
Subject Expert 2 :		 
Member from other Deptt. :		
Ind./ Corp. Rep. :		
Student Representative:	Shampatap 	 

**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
**FOUR YEAR UNDERGRADUATE PROGRAM**  
**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**  
**Practical**

<b>PART A: INTRODUCTION</b>			
<b>Program :FYUP U.G (DSC)</b>		<b>Class: B.A. Geography Semester - VII</b>	<b>Session:2025-2026</b>
<b>1</b>	<b>Course Code</b>	BGEO- 702	
<b>2</b>	<b>Course Title</b>	Representation of Statistical data and Slope Analysis	
<b>3</b>	<b>Course Type</b>	DSC, Practical	
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	<p><b>This Course will enable the students to:</b></p> <ol style="list-style-type: none"> <li>1. Read and prepare diagram.</li> <li>2. Acquire knowledge to prepare Graphs and diagram from geographic data and also the ability to interpret them.</li> <li>3. To understand basic statistical methods and skills.</li> </ol>	
<b>5</b>	<b>Credit Value</b>	<b>1 Credits</b>	<b>1 credit =30 Hours – Learning and Observation</b>
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks : 25</b>	<b>Minimum Passing Marks:10</b>

<b>PART B: CONTENT OF THE COURSE</b>		
<b>Total no. of Teaching/ performance Periods = 30 Periods (30 Hours)</b>		
	<b>Topics (COURSE CONTENTS)</b>	<b>No. of Periods</b>
<b>Lab./Field Training Experiment Contents of Course</b>	<p><b>Representation of Statistical data and Slope Analysis</b></p> <ol style="list-style-type: none"> <li>1. Pie diagram, Spherical diagram, Triangular diagram, Scatter diagram.</li> <li>2. Profiles: serial,super imposed, projected and composite profiles.</li> <li>3. Hipsometric curve, Altimetric frequency graph, Slope analysis: G.H. Smith's method, Raisz and Henry method. Weather map.</li> </ol>	<b>30</b>

**PART C :LEARNING RESOURCES****Text Books, Reference Books, Other Resources****Reference Books:**

1. Sarkar, A. K. (1997): Practical Geography: A Systematic Approach. Orient Longman, Kolkata.
2. Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi,.
3. श्रीवास्तव, बी.के. : भूगोल में सांख्यिकीय , वसुन्धरा प्रकाशन
4. हीरालाल : प्रायोगिक भूगोल, किताब घर कानपुर
5. चौहान, पी. आर. : प्रयोगात्मक भूगोल, वसुन्धरा प्रकाशन, गोरखपुर, 2009
6. सिंह, एल. आर. : प्रायोगिक भूगोल के सिद्धांत,
7. शर्मा, जे. पी. : प्रायोगिक भूगोल, रस्तोगी पब्लिकेशन्स, 2017
8. खुल्लर, डी. आर. : प्रयोगात्मक भूगोल, कल्याणी पब्लिशर्स, नई दिल्ली



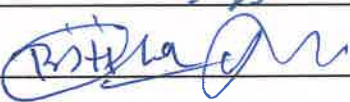





**PART D: ASSESSMENT AND EVALUATION****Suggested Continuous Evaluation Methods:**

Maximum Marks:

25 Marks

(Will include Internal assesment, Lab records and End Semester Viva/Voce and performance)

**Name and Signature of Members of Board of Studies**

Chairperson(H.O.D.)		
V.C. Nominee :	Dr. Tike Singh	
Subject Expert 1 :		 @Pony
Subject Expert 2 :	L.N. Verma	/V.yadu
Member from other Deptt. :		
Ind./ Corp. Rep. :		
Student Representative:	Bhampurkar	 

**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
**FOUR YEAR UNDERGRADUATE PROGRAM**  
**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**

**PART A: INTRODUCTION**

<b>Program: FYUP</b> <b>U.G. With Geography</b> <b>(DSE-1)</b>		<b>Class: B.A. Geography Semester - VII</b>	<b>Session:2025-2026</b>
<b>1</b>	<b>Course Code</b>	BGEO-703	
<b>2</b>	<b>Course Title</b>	Advance Climatology	
<b>3</b>	<b>Course Type</b>	DSE-1	
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	<b>This Course will enable the students to:</b> <ol style="list-style-type: none"> <li>1. Understand the elements of weather and climate and its impacts at different scales.</li> <li>2. Understand the monsoon system and comprehend the climatic aspects and its bearing on planet earth.</li> <li>3. Understand the climatic change and global warming.</li> </ol>	
<b>5</b>	<b>Credit Value</b>	<b>3 Credits</b>	<b>1 credit = 15 Hours – Learning and Observation</b>
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks :100</b>	<b>Minimum Passing Marks:40</b>

**PART B: CONTENT OF THE COURSE****Total no. of Teaching/ Learning Periods = 45 Periods (45 Hours)**

Unit	Topics (COURSE CONTENTS)	No. of Periods
I	Meaning, Nature & Scope of Climatology, Elements of Weather & Climate Composition and Structure of the atmosphere Insolation, Heat Budget of the earth. Vertical, Horizontal and Seasonal distribution of Temperature. Atmospheric pressure: Horizontal distribution of air pressure and pressure belts. Shifting of pressure belts.	12
II	Meridional circulation of the Atmosphere. Distribution of winds – planetary, periodic and local winds. Jet Stream : Characteristics, Types, development cycle. Walker circulation & EL NINO –southern oscillation (ENSO).Atmospheric moisture: Humidity (Absolute, specific and relative).	11
III	Condensation, Types of rainfall, world distribution of rainfall . Stability and Instability of the atmosphere Air Masses: Meaning, Concept, Source region & classification of air mass. Fronto genesis and cyclone (Tropical & Temperate) Climatic classification of Koppen's & Thornthwait	11
IV	Tropical climatic region of the world: Equatorial, monsoon and savana. Temperate & cold climatic region of the world: Mediterranean, Steppe and Tundra.Climatic Change – Its Evidence and Possible Causes. Applied Climatology.Global Warming.Green House Effect.	11

**PART C :LEARNING RESOURCES****Text Books, Reference Books, Other Resources****Reference Books:**

1. Crichfield, J.H. : Genral Climatology, Prentice Hall, India, New Delhi,1993
2. Das,P.K. : Monsoons National Book Trust, New Delhi, 1987.
3. Lat, D.S. : Climatology, chaitanya Publications, Allahabad, 1986.
4. Robinson, P.J. and Henderson S. : Contempory Climatology, Henlow,1999.
5. Thampson, R.D. and Perry, A (ed) : Applied Climatology, Priniciples and Practice  
Routledge, London, 1997.
6. Davis, Richard J.A. : "Oceanography – an Introduction to the Marine Environment" Wm. C. Brown.



7. Duxbury. C.A. and Duxbury B. : An Introduction to the World's Oceans – C. Brown. Towa 2<sup>nd</sup> ed.1996.
8. Sharma, R.C. :” The Oceans” Rajesh N. Delhi, 1985.
9. Ummerkutty, A.N.P. Science of the Oceans and Human life, NBT, New Delhi 1985.
10. सिंह, सविन्द्र— समुद्र विज्ञान, प्रयाग पुस्तक भवन, इलाहाबाद
11. नेगी, बीएस. : जलवायु तथा समुद्र विज्ञान, केदारनाथ, रामनाथप्रकाशन, मेरठ

#### PART D: ASSESSMENT AND EVALUATION

##### Suggested Continuous Evaluation Methods:

Maximum Marks: 75 Marks

Continuous Comprehensive Evaluation (CCE): 15 Marks

Semester End Exam (SEE): 60 Marks

Internal Assessment:

Internal Test of 15 Marks each and  
Assignment of 15 Marks

Continuous Comprehensive Evaluation (CCE)

**Semester End Exam (SEE) Pattern – FOUR Questions (A,B,C,D) from each Unit**

Question – A& B: (Compulsory) Very short answer type (02 each) 04 x 4 = 16Marks

Question – C: Short answer type question


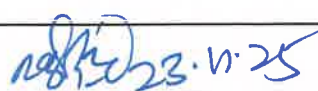
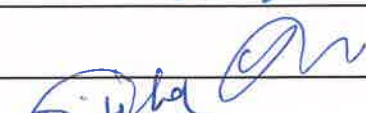
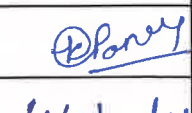




04 x 4 = 16 Marks

Question – D: Long answer type question

07 x 4 = 28 Marks

**Total = 60Marks**

#### Name and Signature of Members of Board of Studies

Chairperson(H.O.D.)		
V.C. Nominee :	Dr. Tike Singh	
Subject Expert 1 :	Dr. L.N. Verma	
Subject Expert 2 :		
Member from other Deptt. :		
Ind./ Corp. Rep. :		
Student Representative:	Bhaupratap	

**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
**FOUR YEAR UNDERGRADUATE PROGRAM**  
**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**

**Practical**

<b>PART A: INTRODUCTION</b>			
<b>Program: FYUP U.G (DSE)</b>		<b>Class: B.A. Geography Semester - VII</b>	<b>Session:2025-2026</b>
<b>1</b>	<b>Course Code</b>	BGEO- 704	
<b>2</b>	<b>Course Title</b>	Weather map, Graphs and Diagram	
<b>3</b>	<b>Course Type</b>	DSE-1 Practical	
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	This Course will enable the students to: 1.Understand the difference between weather and climate. 2. Understand the elements of climate and Meteorological instrument 3. Understand the importance of Weather maps, the method of description throught various seeason-summer, winter and rainy	
<b>5</b>	<b>Credit Value</b>	<b>1 Credits</b>	<b>1 credit =30 Hours – Learning and Observation</b>
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks : 25</b>	<b>Minimum Passing Marks:10</b>

<b>PART B: CONTENT OF THE COURSE</b>		
<b>Total no. of Teaching/ performance Periods = 30 Periods (30 Hours)</b>		
	<b>Topics (COURSE CONTENTS)</b>	<b>No. of Periods</b>
<b>Lab./Field TrainingE xperiment Contents of Course</b>	1. Interpretation of weather maps and use of metrological instrument. 2. Ergograph, Climatograph Ogilvies Ergograph . 3. Hythergraph, climograph, wind Rose diagram, Block diagram.	30


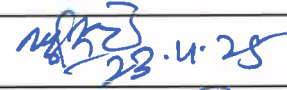
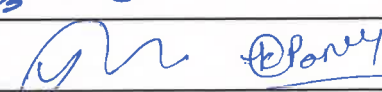


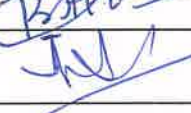


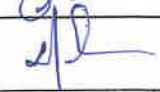
**PART C :LEARNING RESOURCES****Text Books, Reference Books, Other Resources****Reference Books:**

- 1 .Sarkar, A. K. (1997): Practical Geography: A Systematic Approach. Orient Longman, Kolkata.
- 2.Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi,.
- 3 श्रीवास्तव,बी.के. : भूगोल में सांख्यिकीय ,वसुन्धरा प्रकाशन
4. हीरालाल : प्रायोगिक भूगोल, किताब घर कानपुर
5. चौहान, पी.आर. : प्रयोगात्मक भूगोल, वसुन्धरा प्रकाशन, गोरखपुर, 2009
6. सिंह, एल. आर. : प्रायोगिक भूगोल के सिद्धांत,
7. शर्मा, जे. पी. : प्रायोगिक भूगोल, रस्तोगी पब्लिकेशन्स, 2017
8. खुल्लर, डी. आर. : प्रयोगात्मक भूगोल, कल्याणी पब्लिशर्स, नई दिल्ली, 2015

**PART D: ASSESSMENT AND EVALUATION****Suggested Continuous Evaluation Methods:****Maximum Marks:****25 Marks**

(Will include Internal assesment. Lab records and End Semester Viva/Voce and performance)

**Name and Signature of Members of Board of Studies**

Chairperson(H.O.D.)		
V.C. Nominee :	Dr. Tihe Singh	 23.4.25
Subject Expert 1 :		 @Poney
Subject Expert 2 :	Dr. L.N. Veng Am	 V. yadu
Member from other Deptt. :		
Ind./ Corp. Rep. :		
Student Representative:	Bhampatap	 

**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
**FOUR YEAR UNDERGRADUATE PROGRAM**  
**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**

<b>PART A: INTRODUCTION</b>			
<b>Program: FYUP</b> <b>U.G. With Geography</b> <b>(DSE-2)</b>		<b>Class: B.A. Geography Semester - VII</b>	<b>Session:2025-2026</b>
<b>1</b>	<b>Course Code</b>	BGEO-705	
<b>2</b>	<b>Course Title</b>	Political Geography	
<b>3</b>	<b>Course Type</b>	DSE-2	
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	<b>This Course will enable the students to:</b> <ul style="list-style-type: none"> <li>• Understand the meaning and scope of political geography</li> <li>• Understand the historical development of political geography.</li> <li>• Understand the concept of nation and state.</li> <li>• Understand the frontiers and boundaries capital and core Area.</li> <li>• Learn the concept of nation and state and geopolitical theories.</li> <li>• Understand the different dimensions of electoral geography and resource conflicts.</li> </ul>	
<b>5</b>	<b>Credit Value</b>	<b>4 Credits</b>	<b>1 credit =15 Hours – Learning and Observation</b>
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks :100</b>	<b>Minimum Passing Marks:40</b>

**PART B: CONTENT OF THE COURSE****Total no. of Teaching/ Learning Periods = 60Periods (60 Hours)**

Unit	Topics (COURSE CONTENTS)	No. of Periods
I	Elements of Political Geography: Definition and scope, Political Geography and Geo Politics, Political Geography and its relation with other social sciences, Political Geography ideologies: Theory of Heart land & Rim Land.	15
II	Physical elements in Political Geography: Location, Size, Shape, Climate, Relief, Seas & Ocean, Economic elements: Food, Power, Mineral, Resources, Cultural elements. Population Distribution, Density, Growth, Migration, Population Food Problem, Language, Religion, Urbanization and Problem of Under & Less Population.	15
III	Nation and States: Evolution, & Classification, Frontiers and Boundaries, Capital and Core Areas. Geographical study of elections.	15
IV	Geopolitical study of Major states and regions of the World: United States of America, Russia federation, West and East Asia. Emergin Political Geographical issues in the Modern World- 1. Geo-Politics of environment and Roal of U.N.O. 2 Political Geographical effects of Space Research.	15

**PART C :LEARNING RESOURCES****Text Books, Reference Books, Other Resources**

1. **Reference Books:** Adhikari, S. : Political Geograhly , Rawat Publication, Jaipur, 1997.
2. सकसेना, एचएम. : राजनीति भूगोल, रस्तोगी पब्लिके 1न,मेरठ, 2022
3. तिवारी , आर सी : राजनीति भूगोल, प्रवालिका पब्लिके 1न, इलाहाबाद

**PART D: ASSESSMENT AND EVALUATION**

**Suggested Continuous Evaluation Methods:**

**Maximum Marks:** 100 Marks

**Continuous Comprehensive Evaluation (CCE):** 20 Marks

**Semester End Exam (SEE):** 80 Marks

**Internal Assessment:**

Internal Test of 20 Marks each and  
Assignment of 20 Marks

Continuous Comprehensive Evaluation (CCE)

**Semester End Exam (SEE) Pattern – FOUR Questions (A,B,C,D) from each Unit**











Question – A: (Compulsory) Very short answer type (02 each)  $04 \times 4 = 16$  Marks

Question – B: Short answer type question  $04 \times 6 = 24$  Marks

Question – C: Long answer type question  $04 \times 10 = 40$  Marks

**Total = 80 marks**

**Name and Signature of Members of Board of Studies**

Chairperson(H.O.D.)		
V.C. Nominee :		
Subject Expert 1 :		
Subject Expert 2 :		
Member from other Deptt. :		
Ind./ Corp. Rep. :		
Student Representative:		

**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
**FOUR YEAR UNDERGRADUATE PROGRAM**  
**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**

**PART A: INTRODUCTION**

<b>Program: U.G (DSE-3)</b>		<b>Class: B.A. Semester - VII</b>	<b>Session:2025-2026</b>
<b>1</b>	<b>Course Code</b>	BGEO - 706	
<b>2</b>	<b>Course Title</b>	Industrial Geography	
<b>3</b>	<b>Course Type</b>	DSE-3	
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	<p><b>This Course will enable the students to:</b></p> <ol style="list-style-type: none"> <li>1. Know and learn different types of Industry</li> <li>2. Know and learn about source of raw materials for industry</li> <li>3. Know and learn production problem</li> <li>4. Know and learn information related to trade of manufactural good.</li> <li>5. Know and learn about spail distribution of industry.</li> </ol>	
<b>5</b>	<b>Credit Value</b>	<b>4 Credits</b>	<b>1 credit =15 Hours – Learning and Observation</b>
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks :100</b>	<b>Minimum Passing Marks:40</b>

**PART B: CONTENT OF THE COURSE**

**Total no. of Teaching/ Learning Periods = 60Periods (60 Hours)**

<b>Unit</b>	<b>Topics (COURSE CONTENTS)</b>	<b>No. of Periods</b>
<b>I</b>	Indutrial Geography: Meaning, deination & Scope of Indutrial Geography, Method of study, classification of Indutries, linakges of Indutrial Geography, New trends in Indutrial Geography.	15
<b>II</b>	Heavy Indutries: Iron & Steel; USA, RUSSE, Cotton textile; USA, INDIA, cement indutries; INDIA, factors effecting the Location of Indutrial Geography, Agro based industires, Footloose Indutrial.	15

<b>III</b>	Theories and Models; the least cost location School: Alfred weber and August losch,  India Industres region: National Capital Region, Mumbai-Pune Industrial region, Chhota Nagpur Region, Hugli region. world Indutries Regoins USA,Great, Britain.	15
<b>IV</b>	Impact of Indutries on Ecnomic development, Impact of Golbaliztion Proces in manufacturing sector of developing countries, world Indutrial Regoins, Enviromental degardation caused by manufacturing Indutries (India), Industrial policy in india.	15

### **PART C :LEARNING RESOURCES**

#### **Text Books, Reference Books, Other Resources**

##### **Reference Books:**

1. Chhatarjee, S.P.: Economic Geography of Asia, Allied Book Agency, Calcutta- 1984.
2. Chorley, R.J. and Haggett. P (Ed) Network Analysis in geography: Arnold, 1969.
3. Rebertsop, D. (ed.): Globalization ondb Enviroment, e. elgarCo. U.K. 2001.
4. Singh J. and Dhillon. S.S.: Agriculture Geography, McGraw Hill, India, New Delhi 1984.
5. Symons, h. : Agricultural Geography : Bell and sons, London, 1972.
6. Wheeler, J.O.et. al. : Economic Geography : John Willy, New York,1995.
7. गौतम, अलका : आर्थिक भूगोल के मूल तत्व, शारदा पुस्तक भवन, इलाहाबाद
8. राव, बी.पी. : संसाधन और पर्यावरण, वसुन्धरा प्रकाशन गोरखपुर, 2010
9. लोढ़ा, राजमल और दीपक, माहेश्वरी : औद्योगिक भूगोल प्रकाशन राजस्थान हिन्दी ग्रंथ अकादमी 2016



**PART D: ASSESSMENT AND EVALUATION**

**Suggested Continuous Evaluation Methods:**

**Maximum Marks: 100 Marks**

**Continuous Comprehensive Evaluation (CCE): 20 Marks**

**Semester End Exam (SEE): 80 Marks**

**Internal Assessment:**

Internal Test of 20 Marks each and Assignment of 20 Marks

Continuous Comprehensive Evaluation (CCE)

**Semester End Exam (SEE) Pattern – FOUR Questions (A,B,C,D) from each Unit**


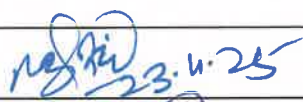
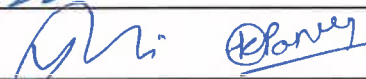
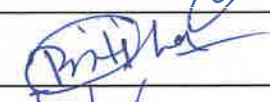




Question – A: (Compulsory) Very short answer type (02 each)  $04 \times 4 = 16$  Marks

Question – B: Short answer type question  $04 \times 6 = 24$  Marks

Question – C: Long answer type question  $04 \times 10 = 40$  Marks

**Total = 80 marks**

**Name and Signature of Members of Board of Studies**

Chairperson(H.O.D.)		
V.C. Nominee :	Dr. Tike singh	
Subject Expert 1 :		
Subject Expert 2 :	Dr. L.N. Kumar Singh	
Member from other Deptt. :		
Ind./ Corp. Rep. :		
Student Representative:	Bhampatap	

**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
**FOUR YEAR UNDERGRADUATE PROGRAM**  
**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**

**PART A: INTRODUCTION**

<b>Program: FYUP</b>		<b>Class: B.A. VII Semester Geography</b>		<b>Session:2025-2026</b>
<b>U.G (DSE-4)</b>				
<b>1</b>	<b>Course Code</b>	BGEO - 707		
<b>2</b>	<b>Course Title</b>	<b>Environment Geography</b>		
<b>3</b>	<b>Course Type</b>	DSE-4		
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	<p><b>This Course will enable the students to:</b></p> <ol style="list-style-type: none"> <li>1. Understand the interdependence between human activities and natural environments.</li> <li>2. Investigate the causes, impacts and responses to key environmental issues (deforestation, climate change, pollution, biodiversity loss)</li> <li>3. Analyze spatial patterns and processes related to environmental change.</li> </ol>		
<b>5</b>	<b>Credit Value</b>	<b>4 Credits</b>	<b>1 credit =15 Hours – Learning and Observation</b>	
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks :100</b>	<b>Minimum Passing Marks:40</b>	

**PART B: CONTENT OF THE COURSE**

**Total no. of Teaching/ Learning Periods = 60 Periods (60 Hours)**

<b>Unit</b>	<b>Topics (COURSE CONTENTS)</b>	<b>No. of Periods</b>
<b>I</b>	Environmental Geography: Definition, Scope, Environmental science and other Science, Historical background, Concepts of environmental geography, Types of Environment – 1. Geographical Environment, 2. Operating Environment3. Perceptual Environment, 4. Behavioural Environment.	15

<b>II</b>	Man Environmental Relationships: Approaches to the study of Man-Environmental Relationship, Environmental elements and their relation to man, History of Human-environmental Relationship, Man and environmental processes, Effect of Climate on Humans, Effect of Humans on Climate.	15
<b>III</b>	Biosphere and it's Components- 1. Organic Components, 2. Inorganic Components, Ecology and Eco System, Ecosystem: Food Chains, Trophic Levels and Productivity, Ecosystem: energy Flow, Circulation of Elements and Geobiochemical cycle.	15
<b>IV</b>	Environmental Degradation, Environmental events and Hazards, Environmental Pollution - Concept, Pollutant, Sources of Pollution, Types of Pollution - Air Pollution, Noise Pollution, Water Pollution, Soil Pollution, Solid Waste Pollution, Environmental Problems, Environmental Planning and Management, Environmental Problems.	15

#### **PART C :LEARNING RESOURCES**

##### **Text Books, Reference Books, Other Resources**

##### **Reference Books:**

1. सिंह ,सविन्द्र-पर्यावरण भूगोल का स्वरूप, प्रवालिका पब्लिकेशन,इलाहाबाद
2. प्रसाद गायत्री एवं राजेश नौटियाल : पर्यावरण भूगोल, शारदा पुस्तक भवन, प्रयागराज, 2012
3. Gautam , Alka, 2007: Environmental Geography, Allahabad.
4. Nicholson M. : The Environmental Revolution.
5. Odum, E.P. : Fundamentals of Ecology.
6. Park, C.C. : Ecology and Environmental Management.
7. Walling, D.E. and Gregory, K.J.:Man and Environmental Processes.

**PART D: ASSESSMENT AND EVALUATION****Suggested Continuous Evaluation Methods:****Maximum Marks:****100 Marks****Continuous Comprehensive Evaluation (CCE): 20 Marks****Semester End Exam (SEE):****80 Marks****Internal Assessment:**

Internal Test of 20 Marks each and Assignment of 20 Marks

Continuous Comprehensive Evaluation (CCE)


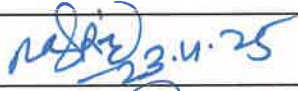
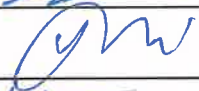

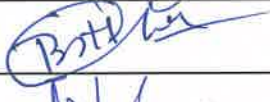





**Semester End Exam (SEE) Pattern – FOUR Questions (A,B,C,D) from each Unit**Question – A: (Compulsory) Very short answer type (02 each)  $04 \times 4 = 16$  Marks

Question – B: Short answer type question

 $04 \times 6 = 24$  Marks

Question – C: Long answer type question

 $04 \times 10 = 40$  Marks**Total = 80marks****Name & Signature of Members of Board of Studies**

Chairperson(H.O.D.)		
V.C. Nominee :	Dr. Tike Singh	
Subject Expert 1 :	Dr. L.N. Verma	 
Subject Expert 2 :		 V. Yadu
Member from other Deptt. :		
Ind./ Corp. Rep. :		
Student Representative:	Bhanupratap	 



**Govt. V.Y.T. PG Autonomous College, Durg**  
**(Chhattisgarh)**  
 (Erstwhile: Govt. Arts & Science College, Durg)

**Syllabus and Marking Scheme for B.A. with Geography**  
**Session 2025-2026**  
**Semester VIII**

**Section-A**

Course Type	Title of the Paper	No. of Credits	Marks Allotted in Theory & Practical			
			SEM. END	INTERNAL ASS.	TOTAL MARKS	
			Max	Max	Max	Min
DSC	DSC-1A:BGEO-801(A) Advance Geography of India	3	60	15	75	30
DSC	DSC-1A: BGEO-802(A) Practical Map Interpretation and Drainage Analysis	1	25		25	10
DSE	DSE-1A:BGEO-803(A) Research Methodology	3	60	15	75	30
DSE	DSE-1A:BGEO- 804(A) Practical Statistical Method	1	25		25	10
	BGEO-805(A) Research Project PROJECT BASED ON FIELD WORK, SURVEY REPORT (SOCIO-ECONOMIC STATUS OF VILLAGE)	12	80	20	100	40

**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
**FOUR YEAR UNDERGRADUATE PROGRAM**  
**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**

**Section-A**

<b>PART A: INTRODUCTION</b>			
<b>Program: FYUP</b> <b>U.G. With Geography</b> <b>(DSC-1A)</b>		<b>Class: B.A. Geography Semester -</b> <b>VIII</b>	<b>Session: 2025-2026</b>
<b>1</b>	<b>Course Code</b>	BGEO-801(A)	
<b>2</b>	<b>Course Title</b>	Advance Geography of India	
<b>3</b>	<b>Course Type</b>	DSC-1A	
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	<b>This Course will enable the students to:</b> 1. Understand about the physiographic division of India and drainage system. 2. Understand the seasonal variations of climate and monsoon of India. 3. Study the resource endowment and its spatial distribution and utilization for sustainable development 4. Understand the biotic and abiotic resources of India. 4. Understand the growth density and distribution of population of India. 5.. Synthesise and develop the idea of regional dimensions.	
<b>5</b>	<b>Credit Value</b>	<b>3 Credits</b>	<b>1 credit =11 Hours – Learning and Observation</b>
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks :100</b>	<b>Minimum Passing Marks:40</b>

<b>PART B: CONTENT OF THE COURSE</b>		
<b>Total no. of Teaching/ Learning Periods = 45 Periods (45 Hours)</b>		
<b>Unit</b>	<b>Topics (COURSE CONTENTS)</b>	<b>No. of Periods</b>

I	Geography of India: General Introduction, Major Physical features : The Himalayan Mountains, The Northern Plains, Peninsular Plateau, Coastal Plains Climate Drainage, Natural Vegetation and Soil : Types and their distribution.	12
II	Mineral resources— Iron, Copper, Bauxite. Power of resources – Coal, Petroleum. Industries in India: – Iron & Steel, Cement, Cotton Textiles. Industrial regions of India.	11
III	Agriculture : Major characteristics and Problem of India Major crops: Rice, Wheat, Sugarcane, Tea. Agricultural regions of India. Green revolution of India	11
IV	Regional divisions of India : R.L.singh. Population of India : Growth, distribution, Density, Literacy, Migration and sex ratio	11

#### **PART C :LEARNING RESOURCES**

##### **Text Books, Reference Books, Other Resources**

##### **Reference Books:**

1. Deshpande, C.D. ; India – A Regional Interpretation, ICSSR Northern Book Centre, New Delhi.
2. Singh, Jagdish ; India Gyanodaya, Gorakhpur.
3. Singh, R.L. , ed India – A Regional Geography. National Geographical Society of India. Varanasi 1971.
4. Tirtha R. & Gopal Krishna, Emerging India Reprinted by Rawat, Publication Jaipur.
5. खुल्लर, डी. आर. : भारत का भूगोल, एसीग्रावहिल एजुकेशन प्राइवेट लिमिटेड
6. गुप्ता एस. एल. : भारत का भूगोल, राम प्रसाद एण्ड संस, आगरा
7. गौतम, अल्का : भारत का बृहद भूगोल, शारदा पुस्तक भवन इलाहाबाद, 2011
8. चौहान धर्मेन्द्र सिंह : भारत का भूगोल, रितु पब्लिकेशन्स, जयपुर
9. चौहान विरेन्द्रसिंह एवं अलका गौतम : भारत, भारतवर्ष का भूगोल, रस्तोगी पब्लिकेशन्स, जयपुर
10. तिवारी, आर. सी. : भारत का भूगोल, प्रवालिका पब्लिकेशन्स प्रयागराज, 2022
11. बंसल, सुरेश चंद : भारत का भूगोल, मिनाक्षी प्रकाशन, मेरठ, 2012
12. मामोरियाचतुर्भुज एवंके एल. गुप्ता : भारत का बृहद भूगोल, साहित्य भवन आगरा, 2012
13. वर्मा, रामविलास : भारत : एक भौगोलिक विवेचन

**PART D: ASSESSMENT AND EVALUATION**

**Suggested Continuous Evaluation Methods:**

Maximum Marks: 75 Marks

Continuous Comprehensive Evaluation (CCE): 15 Marks

Semester End Exam (SEE): 60 Marks

Internal Assessment:

Internal Test of 15 Marks each and  
Assignment of 15 Marks

Continuous Comprehensive Evaluation (CCE)

**Semester End Exam (SEE) Pattern – FOUR Questions (A,B,C,D) from each Unit**



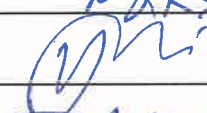






Question – A: (Compulsory) Very short answer type (02 each)  $04 \times 4 = 16$  Marks

Question – B: Short answer type question  $04 \times 4 = 16$  Marks

Question – C: Long answer type question  $07 \times 4 = 28$  Marks

**Total = 60 marks**

**Name and Signature of Members of Board of Studies**

Chairperson(H.O.D.)		
V.C. Nominee :	Dr. Tike singh	
Subject Expert 1 :	Dr. L.N. Verma	 
Subject Expert 2 :		 V. Yadu
Member from other Deptt. :	Indu	
Ind./ Corp. Rep. :		
Student Representative:	Bhaupratap	 



**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
**FOUR YEAR UNDERGRADUATE PROGRAM**  
**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**

**Practical**

<b>PART A: INTRODUCTION</b>			
<b>Program: FYUP U.G (DSC-1A)</b>		<b>Class: B.A. Geography Semester -VIII</b>	<b>Session:2025-2026</b>
<b>1</b>	<b>Course Code</b>	BGEO- 802(A)	
<b>2</b>	<b>Course Title</b>	Map Interpretation and Drainage Analysis	
<b>3</b>	<b>Course Type</b>	DSC-1A Practical	
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	<b>This Course will enable the students to:</b> <ol style="list-style-type: none"> <li>1. Understand the hydrological and morphological characteristics of any region.</li> <li>2. Identify the physical features of an area. Understand the relationship between physical pattern and cultural landscape.</li> <li>3. To Provide the Knowledge of geological structure of the earth</li> <li>4. To Understand the Geological periods</li> <li>5. To acquainted Knowledge of rocks and their pattern</li> </ol>	
<b>5</b>	<b>Credit Value</b>	<b>1 Credits</b>	<b>1 credit =30 Hours – Learning and Observation</b>
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks : 25</b>	<b>Minimum Passing Marks:10</b>

**PART B: CONTENT OF THE COURSE****Total no. of Teaching/ performance Periods = 30 Periods (30 Hours)**

	<b>Topics (COURSE CONTENTS)</b>	<b>No. of Periods</b>
<b>Lab./Field Training Experiment Contents of Course</b>	<ol style="list-style-type: none"><li>1. Geological maps: Meaning and types, Bed and Bedding plane, Rock out crop, Dip and direction of dip, Strike line, method of describing the Geological maps.</li><li>2. Topographical sheet: International series, South east asia series, Indexing.</li><li>3. Classification and interpretation of Topographical sheets.</li><li>4. Order of Streams and Texture of Drainage.</li></ol>	30

**PART C :LEARNING RESOURCES****Text Books, Reference Books, Other Resources****Reference Books:**

- 1 .Sarkar, A. K. (1997): Practical Geography: A Systematic Approach. Orient Longman, Kolkata.
- 2.Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi,.
- 3 श्रीवास्तव, बी.के. : भूगोल में सांख्यिकीय , वसुन्धरा प्रकाशन
4. हीरालाल : प्रायोगिक भूगोल, किताब घर कानपुर
5. चौहान, पी.आर. : प्रयोगात्मक भूगोल, वसुन्धरा प्रकाशन, गोरखपुर, 2009
6. सिंह, एल. आर. : प्रायोगिक भूगोल के सिद्धांत,
7. शर्मा, जे. पी. : प्रायोगिक भूगोल, रस्तोगी पब्लिकेशन्स, 2017
8. खुल्लर, डी. आर. : प्रयोगात्मक भूगोल, कल्याणी पब्लिशर्स, नई दिल्ली, 2015

**PART D: ASSESSMENT AND EVALUATION**



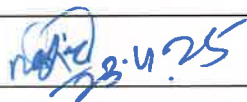








**Suggested Continuous Evaluation Methods:**

**Maximum Marks:**

**25 Marks**

(Will include Internal assesment, Lab records and End Semester Viva/Voce and performance)

**Name and Signature of Members of Board of Studies**

Chairperson(H.O.D.)		
V.C. Nominee :		
Subject Expert 1 :		
Subject Expert 2 :		
Member from other Deptt. :		
Ind./ Corp. Rep. :		
Student Representative:		

**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
**FOUR YEAR UNDERGRADUATE PROGRAM**  
**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**

**PART A: INTRODUCTION**

<b>Program: FYUP</b>		<b>Class: B.A. Geography Semester - VIII</b>		<b>Session: 2025-2026</b>
<b>U.G. With Geography (DSE-1A)</b>				
<b>1</b>	<b>Course Code</b>	BGEO-803(A)		
<b>2</b>	<b>Course Title</b>	Research Methodology		
<b>3</b>	<b>Course Type</b>	DSE-1A		
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	<p><b>This Course will enable the students to:</b></p> <ul style="list-style-type: none"> <li>● Choosing appropriate methods</li> <li>● Understanding research limitations</li> <li>● Data analysis and presentation</li> </ul>		
<b>5</b>	<b>Credit Value</b>	<b>3 Credits</b>	<b>1 credit = 11 Hours – Learning and Observation</b>	
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks : 100</b>	<b>Minimum Passing Marks: 40</b>	

**PART B: CONTENT OF THE COURSE**

**Total no. of Teaching/ Learning Periods = 45 Periods (45 Hours)**

<b>Unit</b>	<b>Topics (COURSE CONTENTS)</b>	<b>No. of Periods</b>
<b>I</b>	Research methodology: Nature and scope of research methodology. Nature of geographical research. Stages and types of research. Research problems: identification selection and objectives. Hypothesis: formation and types.	12
<b>II</b>	Methods of data collection: observation, schedule, questionnaire and interview. Data processing: editing, coding, classification and tabulation.	11

<b>III</b>	Analysis of data: measurement of Central tendency, dispersion: Mean deviation, standard deviation and coefficient of variation. Correlation: product moment of Karl Pearson's and rank correlation of spearman.	11
<b>IV</b>	Preparation of research report: objectives of report writing, problems of preparation of drafting research work, stages in preparing the research report, structure of research report.	11

### **PART C :LEARNING RESOURCES**

#### **Text Books, Reference Books, Other Resources**

##### **Reference Books:**

1. Ackerman, E.A . : Geography as a Fundamentals Research Discipline, University of Chicago.
2. Cothari ,C.R . : Research Methodology in Geography , K.L Narasimha Murthy , 2000
3. बंसल, सुरेश चन्द्र : शोध विधि तंत्र, भूगोल मीनाक्षी प्रकाशन मरेठ
4. डॉ. सैनी : शोध विधि तंत्र,
5. द्विवेदी, आर. एन. : रिसर्च मेथोडोलॉजी
6. श्रीवास्तव , बी .के. : भूगोल में सांख्यिकीय ,वसुन्धरा प्रकाशन
7. खत्री, हरीश कुमार : भूगोल में शोध प्रविधि, कैलाश पुस्तक सदन, भोपाल, 2022

### **PART D: ASSESSMENT AND EVALUATION**

#### **Suggested Continuous Evaluation Methods:**

**Maximum Marks: 75 Marks**

**Continuous Comprehensive Evaluation (CCE): 15 Marks**

**Semester End Exam (SEE): 60 Marks**

**Internal Assessment:**

Internal Test of 15 Marks each and  
Assignment of 15 Marks

Continuous Comprehensive Evaluation (CCE)

#### **Semester End Exam (SEE) Pattern – FOUR Questions (A,B,C,D) from each Unit**

Question – A: (Compulsory) Very short answer type (02 each) 04 x 4 = 16 Marks

Question – B: Short answer type question 04 x 4 = 16 Marks

Question – C: Long answer type question 07 x 4 = 28 Marks

**Total = 60marks**

### Name and Signature of Members of Board of Studies

Chairperson(H.O.D.)		
V.C. Nominee :	Dr. Tine Singh	
Subject Expert 1 :	Dr. L. N. V. Singh	 V. Yadu
Subject Expert 2 :		
Member from other Deptt. :		 
Ind./ Corp. Rep. :		 
Student Representative:	Bhampurkar	 

**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
**FOUR YEAR UNDERGRADUATE PROGRAM**  
**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**

**PART A: INTRODUCTION**

<b>Program: FYUP U.G (DSE-1A)</b>		<b>Class: B.A. GeographySemester -VIII</b>	<b>Session:2025-2026</b>
<b>1</b>	<b>Course Code</b>	BGEO- 804(A)	
<b>2</b>	<b>Course Title</b>	Statistical Method	
<b>3</b>	<b>Course Type</b>	DSE-1APractical	
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	This Course will enable the students to: <ol style="list-style-type: none"> <li>1. Understand the significance of statistics in Geography.</li> <li>2. Understand the importance of use of data in Geography.</li> <li>3. Recognize the importance and application of statistics in Geography.</li> <li>4. Interpret statistical data for a holistic.</li> </ol>	
<b>5</b>	<b>Credit Value</b>	<b>1 Credits</b>	<b>1 credit =30 Hours – Learning and Observation</b>
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks : 25</b>	<b>Minimum Passing Marks:10</b>

**PART B: CONTENT OF THE COURSE****Total no. of Teaching/ performance Periods = 30 Periods (30 Hours)**

	<b>Topics (COURSE CONTENTS)</b>	<b>No. of Periods</b>
<b>Lab./Field Training Experiment Contents of Course</b>	<b>Statistical Method</b>  1. Measurement of Central Tendency (Mean, Median, Mode: Direct and Shortcut method).  2. Moving Average: Three yearly and five yearly moving average. Nearest Neighbour Analysis.  3. Dispersion: Quartile deviation, Mean deviation, Standard deviation.  4. Rank Correlation, Product Moment co relation, Hypothesis testing: Chi-square test "t" test.	30

**PART C :LEARNING RESOURCES****Text Books, Reference Books, Other Resources****Reference Books:**

- 1 .Sarkar, A. K. (1997): Practical Geography: A Systematic Approach. Orient Longman, Kolkata.
- 2.Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi,.
- 3 श्रीवास्तव,बी.के. : भूगोल में सांख्यिकीय ,वसुन्धरा प्रकाशन
4. हीरालाल : प्रायोगिक भूगोल, किताब घर कानपुर
5. चौहान, पी.आर. : प्रयोगात्मक भूगोल, वसुन्धरा प्रकाशन, गोरखपुर, 2009
6. सिंह, एल. आर. : प्रायोगिक भूगोल के सिद्धांत,
7. शर्मा, जे. पी. : प्रायोगिक भूगोल, रस्तोगी पब्लिकेशन्स, 2017
8. खुल्लर, डी. आर. : प्रयोगात्मक भूगोल, कल्याणी पब्लिशर्स, नई दिल्ली, 2015



**PART D: ASSESSMENT AND EVALUATION**








**Suggested Continuous Evaluation Methods:**

**Maximum Marks:**

**25 Marks**

(Will include Internal assesment, Lab records and End Semester Viva/Voce and performance)

**Name and Signature of Members of Board of Studies**

Chairperson(H.O.D.)		
V.C. Nominee :	Dr. Tike singh	23.11.25
Subject Expert 1 :	Dr. L. N. V. Singh	
Subject Expert 2 :		 / V. Yadu
Member from other Deptt. :		
Ind./ Corp. Rep. :		
Student Representative:	Bhauratup	

**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
**FOUR YEAR UNDERGRADUATE PROGRAM**  
**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**

**PART A: INTRODUCTION**

<b>Program: FYUP</b> <b>U.G. With Geography</b>		<b>Class: B.A. Geography Semester - VIII</b>	<b>Session: 2025-2026</b>
<b>1</b>	<b>Course Code</b>	BGEO-805(A)	
<b>2</b>	<b>Course Title</b>	PROJECT BASED ON FIELD WORK, SURVEY REPORT (SOCIO-ECONOMIC STATUS OF VILLAGE)	
<b>3</b>	<b>Course Type</b>	DSE-2A Research Project	
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	<b>This Course will enable the students to:</b> <ol style="list-style-type: none"> <li>1. Understand the basics of data collection and, processing for the meaningful outcomes.</li> <li>2. Understand the selection of proper sampling techniques for the collection of data.</li> <li>3. Put into practice the results obtained for spatial analysis of results and to apply various statistical softwares for the study.</li> </ol>	
<b>5</b>	<b>Credit Value</b>	<b>12 Credits</b>	<b>1 credit =15 Hours – Learning and Observation</b>
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks :300</b>	<b>Minimum Passing Marks:120</b>

**PART B: CONTENT OF THE COURSE**

**Total no. of Teaching/ Learning Periods = 180Periods (180Hours)**

<b>Unit</b>	<b>Topics (COURSE CONTENTS)</b>
<b>I</b>	<b>Introduction</b> Statement of the Problem, Objective, Hypothesis, Research Methodology, Review of Literature

II	<b>Geographical and Demographic Aspect</b> Location, Climate, Vegetation Soils, Landuse. Population : Total male- female, Growth of Population. Composition of population: Age, Sex, Religion, Caste,
III	<b>Economic Aspect : Data collection by schedule &amp; observation</b> Occupational structure of Population, Income, Size of Holding Agricultural Production and Productivity, Use of Technology, Organic Farming, Loan for Agriculture, Animal husbandry, poultry, Fisheries, others.
IV	<b>Social Aspect : Data collection by schedule &amp; observation</b> Education Literacy: Total male & female caste, Religion, Age wise Education Levels: Total male & female caste, Religion, Age wise Marital Status: Total male & female caste, Religion, Age wise.
V	<b>Social Aspect : Data collection by schedule &amp; observation</b> Education Literacy: Total male & female caste, Religion, Age wise Education Levels: Total male & female caste, Religion, Age wise Marital Status: Total male & female caste, Religion, Age wise

### PART C :LEARNING RESOURCES

#### Text Books, Reference Books, Other Resources

##### Reference Books:

1. Ackerman, E.A . : Geography as a Fundamentals Research Discipline, University of Chicago.
2. Cothari ,C.R . : Research Methodology in Geography , K.L Narasimha Murthy , 2000
3. बंसल, सुरेश चन्द्र : शोध विधि तंत्र, भूगोल मीनाक्षी प्रकाशन मरेठ
4. डॉ. सैनी : शोध विधि तंत्र,
5. द्विवेदी, आर. एन. : रिसर्च मेथोडोलॉजी
6. श्रीवास्तव , बी .के. : भूगोल में सांख्यिकीय ,वसुन्धरा प्रकाशन
7. खत्री, हरीश कुमार : भूगोल में शोध प्रविधि, कैलाश पुस्तक सदन, भोपाल, 2022

**PART D: ASSESSMENT AND EVALUATION**

**Suggested Continuous Evaluation Methods:**


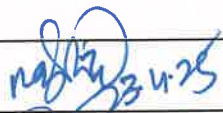
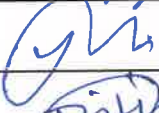








**Maximum Marks: 300 Marks**

**Minimum Marks: 120 Marks**

**Semester End Exam (SEE):**

**300 Marks**

**Name & Signature of Members of Board of Studies**

Chairperson(H.O.D.)		
V.C. Nominee :	Dr. Tike Singh	
Subject Expert 1 :	Dr. L.N. Verma	 
Subject Expert 2 :		 
Member from other Deptt. :		
Ind./ Corp. Rep. :		
Student Representative:	Bhaupratap	 



**Govt. V.Y.T. PG Autonomous College, Durg**  
**(Chhattisgarh)**  
 (Erstwhile: Govt. Arts & Science College, Durg)

**Syllabus and Marking Scheme for B.A. with Geography**  
**Session 2025-2026**  
**Semester VIII**

**Section-B**

Course Type	Title of the Paper	No. of Credits	Marks Allotted in Theory & Practical			
			SEM. END	INTERNAL ASS.	TOTAL MARKS	
			Max	Max	Max	Min
DSC	DSC-2B:BGEO-801(B) Advance Geography of India	3	60	15	75	30
DSC	DSC-2B: BGEO- 802(B) Practical Map Interpretation and Drainage Analysis	1	25	-	25	10
DSE	DSE-1B :BGEO-803(B) Research Methodology	3	60	15	75	30
DSE	DSE-1B:BGEO-804(B) Practical Statistical Method	1	25	-	25	10
DSE	DSE-2B:BGEO-805(B) Advance Regional Planning and Development	4	80	20	100	40
DSE	DSE-2B:BGEO-806 (B) Geography of Tourism	4	80	20	100	40
DSE	DSE-2B :BGEO-807 (B) Transport Geography	4	80	20	100	40

**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
**FOUR YEAR UNDERGRADUATE PROGRAM**  
**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**

**Section-B**

<b>PART A: INTRODUCTION</b>			
<b>Program: FYUP</b> <b>U.G. With Geography</b> <b>(DSC-2B)</b>		<b>Class: B.A. Geography Semester -</b> <b>VIII</b>	<b>Session: 2025-2026</b>
<b>1</b>	<b>Course Code</b>	BGEO-801(B)	
<b>2</b>	<b>Course Title</b>	Advance Geography of India	
<b>3</b>	<b>Course Type</b>	DSC-2B	
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	<b>This Course will enable the students to:</b> 1. Understand about the physiographic division of India and drainage system. 2. Understand the seasonal variations of climate and monsoon of India. 3. Study the resource endowment and its spatial distribution and utilization for sustainable development 4. Understand the biotic and abiotic resources of India. 4. Understand the growth density and distribution of population of India. 5. . Synthesise and develop the idea of regional dimensions.	
<b>5</b>	<b>Credit Value</b>	<b>3 Credits</b>	<b>1 credit =11 Hours – Learning and Observation</b>
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks :100</b>	<b>Minimum Passing Marks:40</b>

**PART B: CONTENT OF THE COURSE**

Total no. of Teaching/ Learning Periods = 45 Periods (45 Hours)		
Unit	Topics (COURSE CONTENTS)	No. of Periods
I	Geography of India : General Introduction, Major Physical features : The Himalayan Mountains, The Northern Plains, Peninsular Plateau, Coastal Plains Climate Drainage, Natural Vegetation and Soil : Types and their distribution.	12
II	Mineral resources– Iron, Copper, Bauxite. Power of resources – Coal, Petroleum. Industries in India: – Iron & Steel, Cement, Cotton Textiles. Industrial regions of India.	11
III	Agriculture : Major characteristics and Problem of India Major crops: Rice, Wheat, Sugarcane, Tea. Agricultural regions of India. Green revolution of India	11
IV	Regional divisions of India : R.L.singh. Population of India : Growth, distribution, Density, Literacy, migration and sex ratio	11

### PART C :LEARNING RESOURCES

#### Text Books, Reference Books, Other Resources

#### Reference Books:

1. Deshpande, C.D. ; India – A Regional Interpretation, ICSSR Northern Book Centre, New Delhi.
2. Singh, Jagdish ; India Gyanodaya, Gorakhpur.
3. Singh, R.L. , ed India – A Regional Geography. National Geographical Society of India. Varanasi 1971.
4. Tirtha R. & Gopal Krishna, Emerging India Reprinted by Rawat, Publication Jaipur.
5. खुल्लर, डी. आर. : भारत का भूगोल, एसी ग्रावहिल एजुकेशन प्राईवेट लिमिटेड
6. गुप्ता एस. एल. : भारत का भूगोल, राम प्रसाद एण्ड संस, आगरा
7. गौतम, अल्का : भारत का बृहद भूगोल, शारदा पुस्तक भवन इलाहाबाद, 2011
8. चौहान धर्मेन्द्र सिंह : भारत का भूगोल, रितु पब्लिकेशन्स, जयपुर
9. चौहान विरेन्द्र सिंह एवं अलका गौतम : भारत, भारत वर्ष का भूगोल, रस्तोगी पब्लिकेशन्स, जयपुर
10. तिवारी, आर. सी. : भारत का भूगोल, प्रवालिका पब्लिकेशन्स प्रयागराज, 2022
11. बंसल, सुरेश चंद : भारत का भूगोल, मिनाक्षी प्रकाशन, मेरठ, 2012
12. मामोरिया चतुर्भुज एवं के. एल. गुप्ता : भारत का बृहद भूगोल, साहित्य भवन आगरा, 2012

वर्मा, रामविलास : भारत : एक भौगोलिक विवेचन

**PART D: ASSESSMENT AND EVALUATION**

**Suggested Continuous Evaluation Methods:**

**Maximum Marks: 75 Marks**

**Continuous Comprehensive Evaluation (CCE): 15 Marks**

**Semester End Exam (SEE): 60 Marks**

**Internal Assessment:**

Internal Test of 15 Marks each and  
Assignment of 15 Marks

Continuous Comprehensive Evaluation (CCE)

**Semester End Exam (SEE) Pattern – FOUR Questions (A,B,C,D) from each Unit**


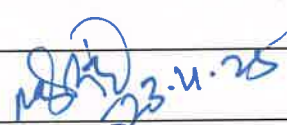
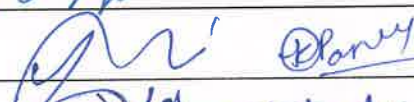


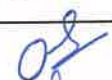

Question – A: (Compulsory) Very short answer type (02 each)  $04 \times 4 = 16$  Marks

Question – B: Short answer type question  $04 \times 4 = 16$  Marks

Question – C: Long answer type question  $07 \times 4 = 28$  Marks

**Total = 60 marks**

**Name and Signature of Members of Board of Studies**

Chairperson(H.O.D.)		
V.C. Nominee :	Dr. Tike Singh	
Subject Expert 1 :	Dr. L.N. Verma	
Subject Expert 2 :		
Member from other Deptt. :		
Ind./ Corp. Rep. :		
Student Representative:	Bhampatay	



**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
**FOUR YEAR UNDERGRADUATE PROGRAM**  
**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**

<b>PART A: INTRODUCTION</b>			
<b>Program: FYUP U.G (DSC-2B)</b>		<b>Class: B.A. Geography Semester -VIII</b>	<b>Session:2025-2026</b>
<b>1</b>	<b>Course Code</b>	BGEO- 802(B)	
<b>2</b>	<b>Course Title</b>	Map Interpretation and Drainage Analysis	
<b>3</b>	<b>Course Type</b>	DSC-2B Practical	
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	<p>This Course will enable the students to:</p> <ol style="list-style-type: none"> <li>1.Understand the hydrological and morphological characteristics of any region.</li> <li>2.Identify the physical features of an area. Understand the relationship between physical pattern and cultural landscape.</li> <li>3.To Provide the Knowledge of geological structure of the earth</li> <li>4. To Understand the Geological periods</li> </ol> <p>To acquainted Knowledge of rocks and their pattern</p>	
<b>5</b>	<b>Credit Value</b>	<b>1 Credits</b>	<b>1 credit =30 Hours – Learning and Observation</b>
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks : 25</b>	<b>Minimum Passing Marks:10</b>

**PART B: CONTENT OF THE COURSE****Total no. of Teaching/ performance Periods = 30 Periods (30 Hours)**

	<b>Topics (COURSE CONTENTS)</b>	<b>No. of Periods</b>
<b>Lab./Field Training Experiment Contents of Course</b>	<b>Map Interpretation</b>  1. Geological maps: Meaning and types, Bed and Bedding plane, Rock out crop, Deep and direction of deep, Strike line, method of describing the Geological maps.  2. Topographical sheet: International series, South east asia series, Indexing.  3. Classification and interpretation of Topographical sheets.  4. Drainage Analysis- Order of Streams and Texture of Drainage.	30


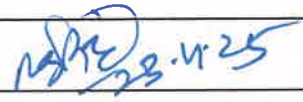
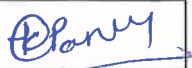
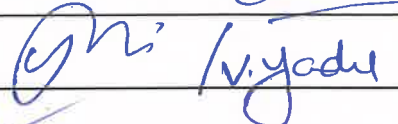


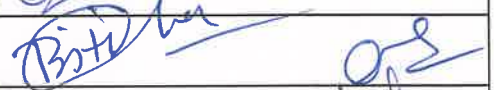

**PART C :LEARNING RESOURCES****Text Books, Reference Books, Other Resources****Reference Books:**

- 1 .Sarkar, A. K. (1997): Practical Geography: A Systematic Approach. Orient Longman, Kolkata.
- 2.Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi,.
- 3 श्रीवास्तव, बी.के. : भूगोल में सांख्यिकीय , वसुन्धरा प्रकाशन
4. हीरालाल : प्रायोगिक भूगोल, किताब घर कानपुर
5. चौहान, पी. आर. : प्रयोगात्मक भूगोल, वसुन्धरा प्रकाशन, गोरखपुर, 2009
6. सिंह, एल. आर. : प्रायोगिक भूगोल के सिद्धांत,
7. शर्मा, जे. पी. : प्रायोगिक भूगोल, रस्तोगी पब्लिकेशन, 2017
8. खुल्लर, डी. आर. : प्रयोगात्मक भूगोल, कल्याणी पब्लिशर्स, नई दिल्ली, 2015

**PART D: ASSESSMENT AND EVALUATION****Suggested Continuous Evaluation Methods:****Maximum Marks:****25 Marks**

(Will include Internal assesment, Lab records and End Semester Viva/Voce and performance)

### Name and Signature of Members of Board of Studies

Chairperson(H.O.D.)		
V.C. Nominee :	Dr. Tike Singh	
Subject Expert 1 :	Dr. L. M. Verma	
Subject Expert 2 :	<del>Dr. A. K. Singh</del>	
Member from other Deptt. :		
Ind./ Corp. Rep. :		
Student Representative:	Bhanu Pratap	

**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
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**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**

PART A: INTRODUCTION			
<b>Program: U.G. With Geography (DSE-1B)</b>		<b>Class: B.A. Geography Semester - VIII</b>	<b>Session: 2025-2026</b>
<b>1</b>	<b>Course Code</b>	BGEO-803(B)	
<b>2</b>	<b>Course Title</b>	Research Methodology	
<b>3</b>	<b>Course Type</b>	DSE-1B Theory	
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	This Course will enable the students to: <ul style="list-style-type: none"> <li>● Choosing appropriate methods</li> <li>● Understanding research limitations.</li> <li>● Data analysis and presentation.</li> </ul>	
<b>5</b>	<b>Credit Value</b>	<b>3 Credits</b>	<b>1 credit =11 Hours – Learning and Observation</b>
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks :100</b>	<b>Minimum Passing Marks:40</b>

PART B: CONTENT OF THE COURSE		
<b>Total no. of Teaching/ Learning Periods = 45 Periods (45 Hours)</b>		
<b>Unit</b>	<b>Topics (COURSE CONTENTS)</b>	<b>No. of Periods</b>
<b>I</b>	Research methodology: Nature and scope of research methodology. Nature of geographical research. Stages and types of research. Research problems: identification selection and objectives. Hypothesis: formation and types.	12
<b>II</b>	Methods of data collection: observation, schedule, questionnaire and interview. Data processing: editing, coding, classification and tabulation.	11
<b>III</b>	Analysis of data: measurement of Central tendency, dispersion: Mean deviation, standard deviation and coefficient of variation. Correlation: product moment of Karl Pearson's and rank correlation of spearman.	11

IV	Preparation of research report: objectives of report writing, problems of preparation of drafting research work, stages in preparing the research report, structure of research report.	11
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### PART C :LEARNING RESOURCES

#### Text Books, Reference Books, Other Resources

##### Reference Books:

1. Ackerman, E.A . : Geography as a Fundamentals Research Discipline, University of Chicago.
2. Cothari ,C.R . : Research Methodology in Geography , K.L Narasimha Murthy , 2000
3. बंसल, सुरेश चन्द्र : शोध विधि तंत्र, भूगोल मीनाक्षी प्रकाशन मरेठ
4. डॉ. सैनी : शोध विधि तंत्र,
5. द्विवेदी, आर. एन. : रिसर्च मेथोडोलॉजी
6. श्रीवास्तव , बी .के. : भूगोल में सांख्यिकीय ,वसुन्धरा प्रकाशन
7. खत्री, हरीश कुमार : भूगोल में शोध प्रविधि, कैलाश पुस्तक सदन, भोपाल, 2022

### PART D: ASSESSMENT AND EVALUATION

#### Suggested Continuous Evaluation Methods:

Maximum Marks: 75 Marks

Continuous Comprehensive Evaluation (CCE): 15 Marks

Semester End Exam (SEE): 60 Marks

##### Internal Assessment:

Internal Test of 15 Marks each and  
Assignment of 15 Marks

##### Continuous Comprehensive Evaluation (CCE)

#### Semester End Exam (SEE) Pattern – FOUR Questions (A,B,C,D) from each Unit

Question – A: (Compulsory) Very short answer type (02 each) 04 x 4 = 16 Marks

Question – B: Short answer type question 04 x 4 = 16 Marks

Question – C: Long answer type question 07 x 4 = 28 Marks

Total = 60marks

### Name and Signature of Members of Board of Studies

Chairperson(H.O.D.)		
V.C. Nominee :	Dr. Tine Singh	 23.11.25
Subject Expert 1 :	Dr. L. N. Venkatesh	
Subject Expert 2 :		 V. Yadu
Member from other Deptt. :		
Ind./ Corp. Rep. :		
Student Representative:	Bhampatapur	

**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
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**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**

<b>PART A: INTRODUCTION</b>			
<b>Program: FYUP U.G (DSE-1B)</b>		<b>Class: B.A. Geography Semester -VIII</b>	<b>Session:2025-2026</b>
<b>1</b>	<b>Course Code</b>	BGEO- 804(B)	
<b>2</b>	<b>Course Title</b>	Statistical Method	
<b>3</b>	<b>Course Type</b>	DSE-1B Practical	
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	This Course will enable the students to: 1- Understand the significance of statistics in Geography. 2-Understand the importance of use of data in Geography. 3-Recognize the importance and application of statistics in Geography. 4 Interpret statistical data for a holistic.	
<b>5</b>	<b>Credit Value</b>	<b>1 Credits</b>	<b>1 credit =30 Hours – Learning and Observation</b>
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks : 25</b>	<b>Minimum Passing Marks:10</b>

<b>PART B: CONTENT OF THE COURSE</b>		
<b>Total no. of Teaching/ performance Periods = 30 Periods (30 Hours)</b>		
	<b>Topics (COURSE CONTENTS)</b>	<b>No. of Periods</b>

<b>Lab./Field Training Experiment Contents of Course</b>	<p>Statistical Method</p> <ol style="list-style-type: none"> <li>1. Measurement of Central Tendency (Mean, Median, Mode: Direct and Shortcut method).</li> <li>2. Moving Average: Three yearly and five yearly moving average. Nearest Neighbour Analysis.</li> <li>3. Dispersion: Quartile deviation, Mean deviation, Standard deviation.</li> <li>4. Rank Correlation, Product Moment co relation, Hypothesis testing: Chi-square test "t" test.</li> </ol>	30
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### **PART C :LEARNING RESOURCES**

#### **Text Books, Reference Books, Other Resources**

##### **Reference Books:**

- 1 .Sarkar, A. K. (1997): Practical Geography: A Systematic Approach. Orient Longman, Kolkata.
- 2.Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi,.
- 3 श्रीवास्तव, बी.के. : भूगोल में सांख्यिकीय , वसुन्धरा प्रकाशन
4. हीरालाल : प्रायोगिक भूगोल, किताब घर कानपुर
5. चौहान, पी. आर. : प्रयोगात्मक भूगोल, वसुन्धरा प्रकाशन, गोरखपुर, 2009
6. सिंह, एल. आर. : प्रायोगिक भूगोल के सिद्धांत,
7. शर्मा, जे. पी. : प्रायोगिक भूगोल, रस्तोगी पब्लिकेशन्स, 2017
8. खुल्लर, डी. आर. : प्रयोगात्मक भूगोल, कल्याणी पब्लिशर्स, नई दिल्ली, 2015

### **PART D: ASSESSMENT AND EVALUATION**

#### **Suggested Continuous Evaluation Methods:**

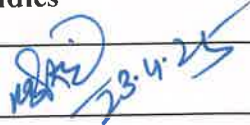








**Maximum Marks:**

**25 Marks**

(Will include Internal assesment, Lab records and End Semester Viva/Voce and performance)



# **Name and Signature of Members of Board of Studies**

V.C. Nominee :	Dr. Tike Singh	
Chairperson(H.O.D.)		
Subject Expert 1 :	Dr. L. N. Veng 	 / V. Jodhi
Subject Expert 2 :		
Member from other Deptt. :		 
Ind./ Corp. Rep. :		
Student Representative:	Bhampnatap	 

**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
**FOUR YEAR UNDERGRADUATE PROGRAM**  
**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**

<b>PART A: INTRODUCTION</b>			
<b>Program: U.G. With Geography (DSE-2B)</b>		<b>Class: B.A. Geography Semester - VIII</b>	<b>Session: 2025-2026</b>
<b>1</b>	<b>Course Code</b>	BGEO-805(B)	
<b>2</b>	<b>Course Title</b>	Advance Regional planning and Development	
<b>3</b>	<b>Course Type</b>	DSE-2B	
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	<b>This Course will enable the students to:</b>  1. Appreciate the basics of regional planning methodology and the need for adopting newer models in the planning process.  2. Understand the history of adopting various planning strategies for balanced national development.  3. Capable of diagnosing the regional issues and the necessity to adopt suitable SDGs in India.	
<b>5</b>	<b>Credit Value</b>	<b>4 Credits</b>	<b>1 credit =15 Hours – Learning and Observation</b>
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks : 100</b>	<b>Minimum Passing Marks:40</b>

<b>PART B: CONTENT OF THE COURSE</b>		
<b>Total no. of Teaching/ Learning Periods = 45 Periods (45 Hours)</b>		
<b>Unit</b>	<b>Topics (COURSE CONTENTS)</b>	<b>No. of Periods</b>
<b>I</b>	Regional Planning: Meaning, Definition, Scope, Types, Objective and Evolution. Approaches to Regional planning, Region and Regionalism Concept. Concept of Planning and Development.	15

II	Regional Development Theories: Central place theory of Christaller, Core-Periphery model of Friedman's, Development Theory of Myrdal and Hirschman, Growth pole theory, Export base model.	15
III	Agricultural Planning, Rural development Planning and Agropolitan Development Industrial planning, Urban planning: NCR and Nava Raipur, River Basin: Damodar valley Corporation.	15
IV	Strategies of Regional Development, Regional Planning in India.. Regional Imbalances and Inequalities. Planning for special problem Region: Tribal area (Bastar) and Drought prone areas., Command areas development program and River basins. Planning Region of India.	15

### PART C :LEARNING RESOURCES

#### Text Books, Reference Books, Other Resources

##### Reference Books:

1. Abler, R., et.al. : spatial Organisation : The Geographer's View of the world, Prentice Hall, Englewood Cliffs, N.J., 1
2. Bhat, L.S. : Regional Planning in India, A Statistical Publishing Society, Calcutta, 1973.
3. Christaller, W. : Central Places in Southern Germany, Translated by C.W. Baskin Prentice Hall, Englewood Cliffs, New Jersey, 1966.
4. Friedmann, J. and Alonso, W. : Regional Development and planning – A Reader M.I.T. Press, Cambridge, Mass, 1967.
5. Government of India, Planning Commission : Third Five Year Plan, Chapter on Regional Imbalance in Development, New Delhi, 1991.
6. Kunda, A and Raza, Moonis : Indian Economy – The Regional Dimension, Spectrum Publishers, New Delhi, 1982.
7. Mishra, R.P. : Regional Planning: Concepts, Techniques and Policies, University of Mysore, Mysore, 1969. Strategy,
8. गुप्त, हरि शंकर : प्रादेशिक विकास और नियोजन : संकल्पनाएँ, सिद्धांत एवं तकनीकें, कल्याणी पब्लिशर्स, लुधियाना, 2019
9. चन्द्राकर, इन्द्रमन : व्यावहारिक भूगोल, वसुन्धरा प्रकाशन, गोरखपुर उ.प्र., 1998
10. चौदना, आर. सी. : प्रादेशिक नियोजन एवं विकास, आर.के. बुक्स नई दिल्ली, 2010
11. मौर्य, एस.डी. : प्रादेशिक नियोजन एवं विकास, प्रवालिका पब्लिकेशन्स, प्रयागराज, 2020
12. सिंह एवं दुबे : प्रादेशिक विकास एवं नियोजन, आर.के. बुक्स नई दिल्ली, 2009
13. श्रीवास्तव वी.के. शर्मा एवं चौहान : प्रादेशिक नियोजन एवं संतुलित विकास, वसुन्धरा प्रकाशन, गोरखपुर, 2006

### PART D: ASSESSMENT AND EVALUATION

**Suggested Continuous Evaluation Methods:**

**Maximum Marks:** **100 Marks**

**Continuous Comprehensive Evaluation (CCE):** **20 Marks**

**Semester End Exam (SEE):** **80 Marks**

**Internal Assessment:**

Internal Test of 20 Marks each and  
Assignment of 20 Marks

Continuous Comprehensive Evaluation (CCE)

**Semester End Exam (SEE) Pattern – FOUR Questions (A,B,C,D) from each Unit**


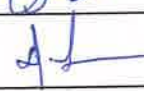
Question – A: (Compulsory) Very short answer type (02 each)  $04 \times 4 = 16$  Marks

Question – B: Short answer type question  $04 \times 6 = 24$  Marks

Question – C: Long answer type question  $04 \times 10 = 40$  Marks

**Total marks = 80**

### Name & Signature of Members of Board of Studies

Chairperson(H.O.D.)		
V.C. Nominee :	Dr. Tike Singh	
Subject Expert 1 :		 
Subject Expert 2 :		 
Member from other Deptt. :		
Ind./ Corp. Rep. :		
Student Representative:	Bhamprethap	 

**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**

**FOUR YEAR UNDERGRADUATE PROGRAM**

**DEPARTMENT OF GEOGRAPHY**

**COURSE CURRICULUM 2025-26**

**PART A: INTRODUCTION**

<b>Program: U.G. With Geography (DSE-2)</b>		<b>Class: B.A. Geography Semester - VIII</b>		<b>Session:2025-2026</b>
<b>1</b>	<b>Course Code</b>	BGEO-806(B)		
<b>2</b>	<b>Course Title</b>	Geography of Tourism		
<b>3</b>	<b>Course Type</b>	DSE-2		
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	<p><b>This Course will enable the students to:</b></p> <p><b>This Course will enable the students to:</b></p> <ol style="list-style-type: none"><li>1. Understand of the definition, nature and scope tourism</li><li>2. Recongize and articulate the economic, social and cultural importance of tourism</li><li>3. Analyze the impact of physical deteminats such as relief, climate foresta and water bodies on tourism development and experiences</li><li>4. Identify and evaluate the influence of religious, historical, and factors on tourist attractions and destinsation choices.</li><li>5. Evalute the importance of insfrastrcure in development of tourism. The have sound kowledge on geographical, eniromental and social aspects of tourism in india.</li></ol>		
<b>5</b>	<b>Credit Value</b>	<b>4 Credits</b>	<b>1 credit =15 Hours – Learning and Observation</b>	
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks : 100</b>		<b>Minimum Passing Marks:40</b>

**PART B: CONTENT OF THE COURSE****Total no. of Teaching/ Learning Periods = 45 Periods (45 Hours)**

<b>Unit</b>	<b>Topics (COURSE CONTENTS)</b>	<b>No. of Periods</b>
<b>I</b>	Meaning and Elements of Tourism; Meaning of Tourism and Tourist, Definition, Causes, and Types of Tourism, Aims of Tourism, Main Components of Tourism, Importance of Tourism, Supporting Factors of Tourism, Basic Elements of Tourism: Transportation, Tourist Places, Local Sightseeing, Accommodation Facilities	15
<b>II</b>	Factors which Attract Tourists, Specific Types of Tourists, Role of Tourism in Development, Tourism in the World Economy, A Specific Reference to Chhattisgarh: Cultural Tourism and Historical Tourism, Religious, Cultural, and Historical Heritage of India, Ethnic, Coastal, and Adventure Tourism	15
<b>III</b>	Hurdles in the Development of Tourism in India, Recent Programmes for Tourism Development, Steps Taken for Tourism Growth in India, Present-day Situation of Tourism in India, Major Tourist Destinations in India: Hill station, Delhi, Bank of Ganga, agra, Ayodhya, Puri, Indian Islands, New Tourism Policy of India (2002).	15
<b>IV</b>	Globalization of Tourism Tourist Arrivals, Disadvantages Due to Globalization of Tourism, India's Position in World Tourism, Future of Tourism, Tourism and Environment, Negative Environmental Impacts of Tourism, Eco-Tourism: Meaning, Characteristics, Eco-Tourism and IYE (International Year of Ecotourism)	15

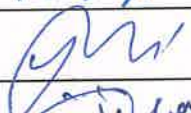

**PART C :LEARNING RESOURCES****Text Books, Reference Books, Other Resources**

1. Bhatia A.K: Tourism development , Principle and practices. Sterling publisher ltd. New delhi.
2. Mathieson A. and Wallc, Tourism Today : Economic Physical and social Impact Logman UK
3. खत्री, हरीश कुमार : पर्यटन भूगोल, कैलाश पुस्तक सदन भोपाल 2024
4. मौर्य, एस.डी एवं कुमार प्रवीण : पर्यटन भूगोल, शारदा पुस्तक सदन प्रयागराज. 2024
- 5- वर्मा एल.एन. : छत्तीसगढ़ भूगोल, मध्य प्रदेश हिन्दी ग्रन्थ अकादमी भोपाल 2016

**PART D: ASSESSMENT AND EVALUATION****Suggested Continuous Evaluation Methods:****Maximum Marks:****100 Marks****Continuous Comprehensive Evaluation (CCE): 20 Marks****Semester End Exam (SEE):****80 Marks****Internal Assessment:**Internal Test of 20 Marks each and  
Assignment of 20 Marks

Continuous Comprehensive Evaluation (CCE)

**Semester End Exam (SEE) Pattern – FOUR Questions (A,B,C,D) from each Unit**Question – A: (Compulsory) Very short answer type (02 each)  $04 \times 4 = 16$  MarksQuestion – B: Short answer type question  $04 \times 6 = 24$  MarksQuestion – C: Long answer type question  $04 \times 10 = 40$  Marks**Total marks = 80****Name & Signature of Members of Board of Studies**

Chairperson(H.O.D.)		
V.C. Nominee :	Dr. Tike Singh	
Subject Expert 1 :	Dr. L.N. Veng Xun	 
Subject Expert 2 :		 V. yadu
Member from other Deptt. :		
Ind./ Corp. Rep. :		
Student Representative:	Bhanupratap	 

**GOVT. V.Y.T.PG AUTONOMOUS COLLEGE, DURG**  
**FOUR YEAR UNDERGRADUATE PROGRAM**  
**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM 2025-26**

**PART A: INTRODUCTION**

<b>Program: U.G. With Geography (DSE-2)</b>		<b>Class: B.A. Geography Semester - VIII</b>		<b>Session: 2025-2026</b>
<b>1</b>	<b>Course Code</b>	BGEO-807 (B)		
<b>2</b>	<b>Course Title</b>	Transport Geography		
<b>3</b>	<b>Course Type</b>	DSE-2		
<b>4</b>	<b>Course Learning Outcome (CLO)</b>	<b>This Course will enable the students to:</b> <ol style="list-style-type: none"> <li>1. Economic growth through efficient trade and commerce</li> <li>2. Increased accessibility to essential services</li> <li>3. The shaping of urban and regional landscapes,</li> <li>4. While also posing challenges like congestion and environmental impacts</li> </ol>		
<b>5</b>	<b>Credit Value</b>	<b>4 Credits</b>	<b>1 credit = 15 Hours – Learning and Observation</b>	
<b>6</b>	<b>Total Marks</b>	<b>Maximum Marks : 80</b>		<b>Minimum Passing Marks: 24</b>

**PART B: CONTENT OF THE COURSE**

**Total no. of Teaching/ Learning Periods = 45 Periods (45 Hours)**

<b>Unit</b>	<b>Topics (COURSE CONTENTS)</b>	<b>No. of Periods</b>
<b>I</b>	Transport Geography: Meaning, definition, Nature, Scope, objectives, history of transport geography, future of Transport Geography. factors effecting the Transport Geography, Importance of Transportation in financial Planning.	15
<b>II</b>	Transportation network; factors effecting of Transport Rate and cost, Types of Transport Cost, development of Transportation network: Types of Graph, Structural properties of Graph, Connectivity of transports network; measurement of connectivity with a network, measurement of Structure with a network, measurement of Spread & Diameter with a network.	15



<b>III</b>	Theories and Models of Transportation Geography; Gravity model, Ullman Triad, development of TMG (Traffee, Morrill and Gould) model, The Rimmer model, Traffic Flow theory.	15
<b>IV</b>	Transport System in india: Rail, Road, Pipeline, Transport System in world: Air, Water.	15

### **PART C :LEARNING RESOURCES**

#### **Text Books, Reference Books, Other Resources**

##### **Reference Books:**

1. Hagget, P: Locational analysis in human Geography, Edward Arnold, London 1977.
2. Hurst M.E.E: Transportation Geography, comments and readings, McGraw Hill, New York, 1974.
3. Ullman E.J: American Commodity Flow, University of Washington Press, 1957
- 4<sup>ए</sup> सिंह, के.एन: परिवहन भूगोल ज्ञानोदय प्रकाशन गोरखपुर 2014.
- 5<sup>ए</sup> वैष्णवअखिलेश: परिवहन भूगोल प्रकाशन राजस्थान हिन्दी ग्रंथ अकादमी 2021

### **PART D: ASSESSMENT AND EVALUATION**

#### **Suggested Continuous Evaluation Methods:**

Maximum Marks: 100 Marks

Continuous Comprehensive Evaluation (CCE): 20 Marks

Semester End Exam (SEE): 80 Marks

##### **Internal Assessment:**

Internal Test of 20 Marks each and  
Assignment of 20 Marks

Continuous Comprehensive Evaluation (CCE)

Semester End Exam (SEE) Pattern – FOUR Questions (A,B,C,D) from each Unit


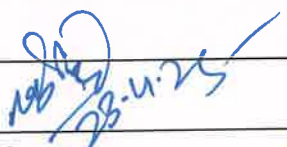


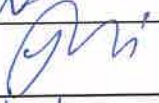




Total marks = 80

Question – A: (Compulsory) Very short answer type (02 each) 04 x 4 = 16 Marks

Question – B: Short answer type question 04 x 6 = 24 Marks

Question – C: Long answer type question 04 x 10 = 40 Marks

# **Name & Signature of Members of Board of Studies**

Chairperson(H.O.D.)		
V.C. Nominee :	Dr. Tike Singh	 23-4-25
Subject Expert 1 :	Dr. L.N. Vanga	 
Subject Expert 2 :		 
Member from other Deptt. :		
Ind./ Corp. Rep. :		
Student Representative:	Bhanupratap	