

Govt. Digvijay PG Autonomous College Rajnandgaon (C.G.)

Department of Geography

BA (Geography) Semesters - I to VI

DSC Syllabus – I to VI Semesters (4 Credits)

GE Syllabus - I, II, V and VI Semesters (4 Credits)

SEC Syllabus - I to VI Semesters (2 Credits)

DSE Syllabus - III to VI Semester (4 Credits)

Session 2024-2025

Members of Board of Study - Geography

Chairperson/HOD: Dr. K. N. Prasad <i>K. N. Prasad</i> Subject Expert: Dr. Shushma Yadav <i>16/5/2024</i> Subject Expert: Dr. K. K. Dwivedi <i>K. K. Dwivedi</i> Subject Expert: Dr. S. K. Das <i>S. K. Das</i> <i>16/5/24</i>	Dr. S. Jenamani <i>AK</i> Dr. Shraddha Devi Sahu <i>16-05-24</i> Shri Hemraj Duara <i>H. Duara</i> Shri Tikeshwar Kumar Verma
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Govt. Digvijay PG Autonomous College Rajnandgaon
BA Geography
Semester – III
Syllabus 2024-2025

<u>Theory</u> DSC 3	Course Code	Unit & Hours	Contents
Course Name: Climatology & Oceanography Credits : 3 Hours : 45		I - 12	Atmosphere – Composition & Structure (4). Insolation - Factors (2). Temperature – Horizontal and Vertical Distribution (4). Temperature Inversion (2). Heat Budget (2).
		II- 12	Atmospheric Pressure (1), Winds – Planetary and Local (3), Evaporation (1), Humidity (1), Clouds (2), Rainfall (2). Cyclone – Tropical (2), Temperate (2).
		III- 12	Monsoon – Characteristics (2), Theory of Origin - Thermal Theory (2), ITCZ Theory (2) and JET Steam Theory (2) . Monsoon and Indian Economy (2). EL Nino and Indian Monsoon (2)
		IV- 12	Ocean Bottom Relief – General (2). Ocean - Temperature (2), Ocean Water Salinity (2), Ocean Currents (2). Tides – Types, Timings and Impact (2). Marine Resource (2).
Practical - 3 Course Name: P-3 Graphical Representation of Data & Statistical Methods -2 Credits : 1 Hours : 15		Graphs - 6	Frequency Distribution –Simple Bar, Compound Bar and Composite Bar Diagrams.
		Deviation in Data - 6	Mean Deviation , Standard Deviation And Coefficient of Variation .
		Weather Map 3	Symbols of Weather. Study of Weather Map.

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Govt. Digvijay PG Autonomous College Rajnandgaon
BA Geography Semester – III
DSE Syllabus 2024-2025

Theory	Course Code	Unit & Hours	Contents
DSE I Course Name: Population Geography Credits : 3 Hours : 45		I - 10	Definition, Nature and Scope of Population Geography. Sources of Population Data: Census, NSS, Vital Statistics.
		II- 10	Trends of Population Growth. World Population Distribution: Patterns and Factors.
		III- 13	Population Composition: Age, Sex, Rural-Urban, Literacy and Occupational..
		IV- 12	Population Dynamics: Measures, Determinants. Implications of Fertility, Mortality and Migration.
Project Report 1 Credit -1	Project Report on any one topic from the above stated topics.		

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 Subject Expert: Dr. K. K. Dwivedi *K.K.D.*
 Subject Expert: Dr. S. K. Das *16-5-24*

Dr. S. Jenamani *S.J.*
 Dr. Shraddha Devi Sahu *S.D.S.*
 Shri Hemraj Daura *H.D.*
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BA Geography Semester – III
SEC Syllabus 2024-2025

<u>Theory</u>	<u>Course Code</u>	<u>Unit & Hours</u>	<u>Contents</u>
SEC3 Course Name: General Geography of Chhattisgarh Credits : 2 Hours : 30		I - 12	Distribution of Major Relief Features of Chhattisgarh- Mountains, Plateaus, Plains. Distribution of Major Rivers and their Tributaries.
		II- 12	Chhattisgarh: Soils. Climate . Vegetation. Minerals – Coal, Iron Ore , Bauxite, Lime Stone.
		III- 12	Chhattisgarh :Crops –Rice (2), Pulses (2). Sugarcane (2). Industry – Iron & Steel (3), Cement Industry (3) Power Industry (2).
		IV- 12	India Population – Growth, Density, Sex Ratio. Major Tribes of Chhattisgarh. Urban Population (2). Road Transport (2).

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Shri Hemraj Daura

Subject Expert: Dr. S. K. Das

Shri Tikeshwar Kumar Verma

Govt. Digvijay PG Autonomous College Rajnandgaon
BA Geography
Semester – IV
Syllabus 2024-2025

<u>Theory</u>	<u>Course Code</u>	<u>Unit & Hours</u>	<u>Contents</u>
DSC4 Course Name: Geography of India Credits : 3 Hours : 45		I - 12	Geological Structure (2). Physiography (3). Drainage (2). Climate (3). Vegetation (3). Soil (2)
		II- 12	Water Resource (3). Coal Resource (2). Minerals - Iron Ore (2), Crops –Rice (2), Wheat (2), Sugarcane (2), Tea (2).
		III- 12	Industry – Iron & Steel (3), Cotton Textile (3). Cement Industry (3), Power Industry (3). Industrial Regions (3).
		IV- 12	Population – Growth and Distribution (4). Population Migration (2). Transport - Land, Air and Water (4). Regionalization of India by R. L. Singh (5).
Practical - 4 Course Name: P-4 Map Projection Credits : 1 Hours : 15		15	Projection – Definition and Importance (2). Latitudes & Longitudes (2).. Classification of Projections (3). Cylindrical Projection – Construction, Features and Usage - Equal Area (3). Equi-distance (3) – Mercator (3).

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16.5.24

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BA Geography
Semester – IV
DSE 2 Syllabus 2024-2025

<u>Theory</u> DSE2	Course Code	Unit & Hours	Contents
Course Name: Resource Geography Credits : 3 Hours : 45		I - 10	Definition of Resource. Concepts of Resource. Classification of Resource.
		II- 10	Land Resource: Distribution and Utilization. Water Resource: Distribution and Utilization. Forest Resource: Distribution and Utilization. Soil Resource: Distribution and Utilization
		III- 13	Mineral Resource: Distribution and Utilization. - Iron Ore - Manganese - Copper - Lime –stone.
		IV- 12	Power Resource: Distribution and Utilization. - Coal - Petroleum - Natural Gas - Uranium.
Project Report 1	Project Report on any one topic from the above stated topics.		

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BA Geography Semester – IV
SEC Syllabus 2024-2025

<u>Theory</u>	Course Code	Unit & Hours	Contents
SEC Course 4 Course Name: Biosphere and Eco-System Credits : 2 Hours : 30		I - 12	Biosphere, Biome, Eco-system – Components. Producers and Consumers. Food Chain. Food Pyramids.
		II- 12	Types of Eco-system – Terrestrial and Aquatic. Eco-system of Grasslands and Forests. Eco-system of Ponds, Delta, Rivers.
		III- 12	Plants – Types of Forests and their Distribution Distribution of Grasslands – Tropical and Temperate. Plant Succession.
		IV- 12	Classification of Fauna- Animals, Birds, Fishes, Reptiles and Amphibians. National Parks and Sanctuaries. Zoo-Conservation – In-Situ and Ex-Situ.

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16-5-24

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Subject Expert: Dr. S. K. Das *km*

Dr. S. Jenamani *js*

Dr. Shraddha Devi Sahu *SD*

Shri Hemraj Daura *Hj*

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