

# HPSM's Ganpat Parsekar College of Education Harmal-Goa

# **DEPARTMENT OF GEOGRAPHY**

# PLO, PSO& CO

#### **Program Learning Outcomes**

РО	Attributes	Learning Outcomes
PO1	Foundational Knowledge for Pedagogy	Understand basic concepts and ideas of educational theory, perspective on the nature of the learner, diversity and learning, assessment and its practices, Life Skills, Action Research and pedagogy and mathematics.
PO2	Content Knowledge	Understand basic concepts of Geography, History, Konkani, Marathi, Hindi and English and to integrate theoretical and practical knowledge of their respective subject(s) in classroom practice, as well as pursue to keep themselves abreast with advancements in their areas of specialization.
PO2	Skills	Develop competencies and skills needed for becoming an effective Social Science and language teacher.
PO3	Attitude	Develop sensitivity about emerging issues such as environment, population gender equality, inclusive education etc.
PO4	Design	Design and use innovative teaching methods.
PO5	Capacities development	Developing professional competencies through fine arts, performing arts and Health and Yoga.
PO6	Personality development	Develop attributes of personality by considering teachers perspective.
PO7	Lifelong learning	Employ cognitive and metacognitive skills for innovativeness creativity and self-directedness.

#### **Specific Program Learning outcomes**

PSO	Learning Outcomes
PSO1	Understand and apply domains of geographical knowledge
PSO2	Identify the potentials and opportunities in field of Geography
PSO3	Cultivatethinking in analyzing geographical concepts
PSO4	Predictpossible Geographic outcomes based on geographic condition and theories

Sem: I	
Title of the Paper: Introduction to Man's Physical World	
Course Code: BAEDGP-01	
Course outcomes:	Blooms's Cognitive Level
On completion of the Course, the students will be able to:	
<b>CO 1</b> : Gain knowledge and understanding of the fundamentals of geographical concepts.	1
CO2:Identify and relate with the geographic phenomena on the earth surface	3
<b>CO 3:</b> Explain and elaborate on the domains of geography	2
<b>CO 4:</b> Compare and contrast between the major geographic concepts.	4
<b>CO 5:</b> Acquire the skills to apply the knowledge to solve day to day problems and geographical issues.	3

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
CO 1										
CO 2										
CO 3										
<b>CO 4</b>										
CO 5										

Sem: I	
Title of the Paper: Introduction to cartography – 1	
Course Code: Practical I	
Course outcomes:	Blooms's Cognitive Level
On completion of the Course, the students will be able to:	
<b>CO 1</b> : To understand the concept of scales and representation of data through cartography	2
<b>CO2:</b> To understand the concepts and apply the map making skillsin day-to-day life.	3
<b>CO 3:</b> To identify and categorize the type of maps with its applications.	4

	PO 1	PO 2	PO 3	PO 4	<b>PO 5</b>	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
CO 1										
CO 2										
CO 3										
CO 4										
CO 5										

Sem: II	
Title of the Paper: Geography of Cultural Environment	
Course Code: BAEDGP-02	
Course outcomes:	Blooms's Cognitive Level
On completion of the Course, the students will be able to:	
<b>CO 1</b> : Gain knowledge and understand the fundamental concepts of social and cultural geography of the world w.s.r.t. India.	1
<b>CO2:</b> Acquire the skills to apply the knowledge to solve the day-to-day socio- cultural issues.	3
<b>CO 3:</b> Appreciate and recognise the cultural differences across the world and in India.	2
<b>CO 4:</b> Apply the current knowledge in analysing the cultural differences and their impact on development of a nation.	3

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
<b>CO 1</b>										
CO 2										
CO 3										
<b>CO 4</b>										

Sem: II	
Title of the Paper: Practical's in Human Geography	
Course Code: PRACTICAL II	
Course outcomes:	Blooms's Cognitive Level
On completion of the Course, the students will be able to:	
<b>CO 1</b> : Gain the understanding and classification of representative techniques in geography.	1 & 3
<b>CO2:</b> Comprehend the graphical representation skills in interpretation of current population data.	2
<b>CO 3:</b> Identify the scope of map making in field of research and development.	4

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
CO 1										
CO 2										
CO 3										

Sem: III							
Title of the Paper: Geography of Natural Resource Development							
Course Code: BAEDGP-03							
Course outcomes:	Blooms's Cognitive Level						
On completion of the Course, the students will be able to:							
<b>CO 1</b> : Understand the basis and evolution of the economic systems in place in the world.	1						
<b>CO2:</b> Known and corelate with the location of natural resources in the world and their occurrences in places within India	3						
<b>CO 3:</b> Understand the interaction among various resources through the geography of primary economic activities.	3						
<b>CO 4:</b> Classify and explain the significance of various natural resources in the development of a nation.	2						
<b>CO 5:</b> Locate the places of surplus and deficit in natural resource distribution.	2						

	<b>PO 1</b>	PO 2	PO 3	PO 4	PO 5	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
CO 1										
CO 2										
CO 3										
CO 4										
CO 5										

Sem: III Practical	
Title of the Paper: Practical's in Cartographic Techniques	
Course Code: PRACTICAL III	
Course outcomes:	Blooms's Cognitive Level
On completion of the Course, the students will be able to:	
<b>CO 1</b> : Acquire basic understanding of the concepts of map projections and relief features	2
<b>CO2:</b> Apply the skills of cartography in identifying and creating maps with relief features.	4
<b>CO 3:</b> Appreciateand discover the links of the concepts with other disciplines.	3

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
CO 1										
CO 2										
CO 3										

Sem: IV							
Title of the Paper: Geography of Secondary and Tertiary Activities   Course Code: BAEDGP-04							
							Course outcomes:
On completion of the Course, the students will be able to:							
<b>CO 1</b> : Gain knowledge and understand the fundamental concepts of economic geography of the world w.s.r.t. India.	1						
<b>CO2:</b> Corelate the theories with the real-world situations.	3						
<b>CO 3:</b> Acquire the skills to apply the knowledge to solve the day-to-day socio- economic and cultural issues.	3						
<b>CO 4:</b> Acquaint current knowledge enabling them to understand the spatial variations in economic zones.	2						

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
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CO 1										
CO 2										
CO 3										
<b>CO 4</b>										

Sem: IV Practical	
Title of the Paper: Practical's in Cartographic Techniques	
Course Code: PRACTICAL IV	
Course outcomes:	Blooms's Cognitive Level
On completion of the Course, the students will be able to:	
<b>CO 1</b> : Acquire understanding of basic concepts of data collection and representation	2
<b>CO2:</b> Apply the knowledge in solving socio-economic issues through data collection and representation	3
<b>CO 3:</b> Develop interest and apply the skills in the field of research	4

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
CO 1										
CO 2										
CO 3										

Sem: V/VII (3units)	
Title of the Paper: Principles of Geomorphology	
Course Code: BAEDGP-05	
Course outcomes:	Blooms's Cognitive Level
On completion of the Course, the students will be able to:	
<b>CO 1</b> : Apply the knowledge of geomorphic in addressing development issues	3
<b>CO2:Recognize</b> the geomorphic processes active around the earth surface	2
<b>CO 3:Compare</b> and contrast the application of geomorphic theories in current situation	4
<b>CO 4:Explain</b> the processes associated with the earth movements	2
<b>CO 5:Classify</b> the geomorphic landscapes based on the active geomorphic agents	2
CO 6:Analyse the cause and effects of earths movement	4

	<b>PO 1</b>	PO 2	<b>PO 3</b>	PO 4	PO 5	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
CO 1										
CO 2										
CO 3										
CO 4										
CO 5										
CO 6										

Sem:V/VII (3 Units)	
Title of the Paper: Geography of India	
Course Code: BAEDGP-06	
Course outcomes:	Blooms's Cognitive Level
On completion of the Course, the students will be able to:	
CO 1:To appreciate geography of India and identify the gaps in regional development of India.	4
<b>CO2:</b> To generalise and explain the uneven distribution of resources in India.	2
<b>CO 3:</b> familiarized with the geographic dimensions of India in terms of its regional vitalities and formation of regions.	3
<b>CO 4:</b> To analyse thespatial and temporal shift in Indian agriculture.	4
<b>CO 5:</b> To criticize and relate the resource disparities in regional development of India.	4

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	<b>PO</b> 7	PSO 1	PSO 2	PSO 3
CO 1										
CO 2										
CO 3										
<b>CO 4</b>										
CO 5										

Sem: V/VII (3units)	
Title of the Paper: Map Analysis and Interpretation	
Course Code: BAEDGP07	
Course outcomes:	Blooms's Cognitive Level
On completion of the Course, the students will be able to:	
<b>CO 1</b> : Acquire the skills of SOI and weather map interpretation	3
<b>CO2:</b> Corelate the map reading skills in identifying the geographic feature on the earth surface.	2
<b>CO 3:</b> Discover the employment opportunities after studying weather maps and SOI toposheet	4
<b>CO 4:</b> Compare and contrast the differences in topographical sheets of India and other parts of the world.	4

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
CO 1										
CO 2										
CO 3										
<b>CO 4</b>										

Sem: VI/VIII (3units)	
Title of the Paper: Climatology and Oceanography	
Course Code: BAEDGP08	
Course outcomes:	Blooms's Cognitive Level
On completion of the Course, the students will be able to:	
<b>CO 1</b> : Understand the mean Global Atmospheric application and Climate Change	3
<b>CO2:</b> Understand the Land-Atmosphere-Oceans interactions with different concepts or theories and their processes responsible for changes in their interactions.	2
<b>CO 3:</b> Analyse the dynamics of Earth's Atmosphere and role of man in Global Climate	4
<b>CO 4:</b> Associate the understanding of atmospheric condition causing change in weather patterns and temperature.	2
<b>CO 5:</b> Interpret the define study of atmospheric circulation, weather phenomena and climatic differentiation.	3

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
CO 1										
CO 2										
CO 3										
CO 4										
CO 5										

Sem: VI/VIII (3units)	
Title of the Paper: Regional Development of India	
Course Code: BAEDGP09	
Course outcomes:	Blooms's Cognitive Level
On completion of the Course, the students will be able to:	
<b>CO 1</b> : Understand and appreciate the basic concepts of regional development of India	2
<b>CO2:</b> Appreciate the resource potentials and its regional development in India	4
<b>CO 3:</b> Acquaint current knowledge enabling them to understand the variations in regional development of India.	2
<b>CO 4:</b> Understand the regional disparities and appreciate the future visions of India.	3
<b>CO 5:</b> Analyse reasons and suggest practical solutions to fill in the gaps in regional development of India.	4

	<b>PO 1</b>	PO 2	<b>PO 3</b>	PO 4	PO 5	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
CO 1				<u></u>						1
CO 2										
CO 3										
CO 4										
CO 5										

Sem: V/VII (3units)	
Title of the Paper:Practical VI-Remote sensing and GIS	
Course Code: BAEDGP10	
Course outcomes:	Blooms's Cognitive Level
On completion of the Course, the students will be able to:	
<b>CO 1</b> :Acquire the knowledge of the basic concepts of Remote sensing and Satellite imageries.	2
<b>CO2:</b> Observe and interpret the geographical differences through remote sensing and GIS	3
<b>CO 3:</b> Apply the basic skills of remote sensing and GIS in solving current issues in the society.	3
<b>CO 4:</b> Appreciate the applications and develop interest in digital cartography	4

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
<b>CO 1</b>										
CO 2										
CO 3										
<b>CO 4</b>										
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Sem: VII (6units)	
Title of the Paper: Agricultural Geography- I	
Course Code: BAEDGP11	
Course outcomes:	Blooms's Cognitive Level
On completion of the Course, the students will be able to:	
CO 1:Familiarize with the concept, origin, and development of agriculture	2
<b>CO2:</b> Analyse the operation of farming systems and the changes they undergo.	4
CO 3:Understand agricultural land use study and productivity pattern.	2
<b>CO 4:</b> Familiarize with the application of various theories, models, and classification schemes for cropping pattern.	3
<b>CO 5:</b> Explain how distinct kinds of agriculture are distributed over the globe and how they function in spatial arrangement.	4

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
CO 1										
CO 2										
CO 3										
<b>CO 4</b>										
CO 5										

Sem: VII (6units)	
Title of the Paper: Principles of Regional Planning (Concepts and Applications)	
Course Code: BAEDGP12	
Course outcomes:	Blooms's Cognitive Level
On completion of the Course, the students will be able to:	
<b>CO 1</b> : Appreciate various aspects of development to formulate measures of balanced development.	3
CO2:understand and identify region as integral part of a geographic study	2
CO 3:understandandevaluatetheconceptofregioningeographyanditsroleandrelevanceinregionplanning.	4
<b>CO 4:</b> identify the causes of regional disparities in development, perspectives, and policyimperatives.	3

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PSO 1	PSO 2	PSO 3
CO 1										
CO 2										
CO 3										
CO 4										

Sem: VII (6units)							
Title of the Paper: Quantitative Techniques in Geography- I							
Course Code: BAEDGP13							
Course outcomes:	Blooms's Cognitive Level						
On completion of the Course, the students will be able to:							
CO 1: Understand basic statistical techniques, relevant to geographical research	2						
<b>CO2:</b> Analyse knowledge of drawing inferences using the geographical database.	4						
<b>CO 3:</b> analyse themutual dependence of different techniques and theirrelevance.	3						
<b>CO 4:</b> Interpret the spatial pattern of geographic phenomena in logical and objective pattern way.	4						
<b>CO 5:</b> Understand mathematical model, theories and hypotheses pertaining to phenomena	2						

PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
	PO 1	PO 1 PO 2	PO 1 PO 2 PO 3	PO 1   PO 2   PO 3   PO 4     Image: PO 3   Image: PO 3   Image: PO 3   Image: PO 4     Image: PO 3   Image: PO 3   Image: PO 3   Image: PO 4     Image: PO 3   Image: PO 3   Image: PO 3   Image: PO 4     Image: PO 3   Image: PO 3   Image: PO 4   Image: PO 4     Image: PO 4   Image: PO 3   Image: PO 4   Image: PO 4     Image: PO 4   Image: PO 4   Image: PO 4   Image: PO 4     Image: PO 4   Image: PO 4   Image: PO 4   Image: PO 4     Image: PO 4   Image: PO 4   Image: PO 4   Image: PO 4     Image: PO 4   Image: PO 4   Image: PO 4   Image: PO 4     Image: PO 4   Image: PO 4   Image: PO 4   Image: PO 4     Image: PO 4   Image: PO 4   Image: PO 4   Image: PO 4     Image: PO 4   Image: PO 4   Image: PO 4   Image: PO 4     Image: PO 4   Image: PO 4   Image: PO 4   Image: PO 4     Image: PO 4   Image: PO 4   Image: PO 4   Image: PO 4     Image: PO 4   <	PO 1 PO 2 PO 3 PO 4 PO 5   Image: PO 3 PO 4 PO 5 Image: PO 3 PO 4 PO 5   Image: PO 3 PO 3 PO 4 PO 5 Image: PO 3 PO 4 PO 5   Image: PO 3 Image: PO 3 PO 4 PO 5 Image: PO 3 PO 4 PO 5   Image: PO 3 Image: PO 3 Image: PO 3 PO 4 PO 5 Image: PO 3 PO 5   Image: PO 3 Image: PO 3 Image: PO 3 PO 4 PO 5 Image: PO 3 Image: PO 3 PO 4 PO 5   Image: PO 3 <	PO 1 PO 2 PO 3 PO 4 PO 5 PO 6   Image: PO 1 Image: PO 3 Image: PO 4 PO 5 PO 6   Image: PO 1 Image: PO 3 Image: PO 4 PO 5 PO 6   Image: PO 1 Image: PO 3 Image: PO 4 PO 5 PO 6   Image: PO 1 Image: PO 3 Image: PO 4 PO 5 PO 6   Image: PO 1 Image: PO 3 Image: PO 4 PO 5 PO 6   Image: PO 1 Image: PO 3 Image: PO 4 PO 5 PO 6   Image: PO 3 Image: PO 4 PO 5 PO 6 PO 6   Image: PO 4 Image: PO 4 PO 5 PO 6 PO 6   Image: PO 4 Image: PO 4 PO 5 PO 6 PO 6   Image: PO 4 Image: PO 4 Image: PO 4 PO 6 Image: PO 4 Image: PO 4   Image: PO 4 Image: PO 4 Image: PO 4 PO 6 Image: PO 4	PO 1 PO 2 PO 3 PO 4 PO 5 PO 6 PO 7   Image: PO 3 PO 4 PO 5 PO 6 PO 7   Image: PO 3 Image: PO 3 Image: PO 3 Image: PO 3 PO 4 PO 5 PO 6 PO 7   Image: PO 3 PO 4 PO 5 PO 6 PO 7   Image: PO 3	PO 1 PO 2 PO 3 PO 4 PO 5 PO 6 PO 7 PSO 1   Image: Second state sta	PO 1 PO 2 PO 3 PO 4 PO 5 PO 6 PO 7 PSO 1 PSO 2   Image: Image of the structure

Sem: VIII (6units)								
Title of the Paper: Agricultural Geography II								
Course Code: BAEDGP14								
Course outcomes:	Blooms's Cognitive Level							
On completion of the Course, the students will be able to:								
<b>CO 1</b> : Familiarise the students with concept, origin, and development of agriculture.	2							
CO2: Analyse the agrarian revolution, agriculture problems and policies	4							
<b>CO 3:</b> Apply the theories, models, and classification schemes of cropping patterns.	3							
<b>CO 4:</b> Discover problems and prospects in agriculture with special reference to India.	4							
<b>CO 5:</b> Classify modern technical methods and their application in agricultural regions.	4							

	PO 1	PO 2	<b>PO 3</b>	PO 4	PO 5	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
CO 1										
CO 2										
CO 3										
CO 4										
CO 5										

Sem: VIII (6units)							
Title of the Paper: Regional Planning in India							
Course Code: BAEDGP15							
Course outcomes:	Blooms's Cognitive Level						
On completion of the Course, the students will be able to:							
<b>CO 1</b> : Explain the basic concepts of regional planning in India.							
<b>CO2:</b> Analyse the regional planning strategies and practices at various levels in India.							
<b>CO 3:</b> Correlate and differentiate the various types of regional planning and apply the same to the local settings.							
<b>CO 4:</b> apply current knowledge in understanding and analysing the regional planning practices in different states of India.							

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
CO 1										
CO 2										
CO 3										
<b>CO 4</b>										

Sem: VIII (6units)							
ooms's gnitive Level							
2							
3							
4							
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	PO 1	PO 2	<b>PO 3</b>	PO 4	<b>PO 5</b>	PO 6	<b>PO 7</b>	PSO 1	PSO 2	PSO 3
CO 1										
CO 2										
CO 3										