



# P.P.N. (P.G.) College, Kanpur

96/12 Mahatma Gandhi Marg, Kanpur -208001

•Telefax: (0512)2361924 • Mob.: 8707538344•

•Website: www.ppncollege.org• •email: ppncollegekanpur@gmail.com•

## PG GEOGRAPHY COURSE OUTCOMES(COs) DEGREE IN B.A. RESEARCH

<b>FIRST YEAR</b>	<b>SEMESTER - I</b>	<b>Geographical Thought: Concepts and Issues</b>	<b>Code: A110701T</b>	<b>Theory</b>	<b>Credit: 04</b>		
		On completion of this course the students will be able to:					
		<b>CO 1</b>	To understand the Development and Changing Paradigm of Geography.				
		<b>CO 2</b>	To understand the Positivism, Quantitative revolution; Model, Theories and Laws in Geography and Post-modernism in Geography.				
		<b>CO 3</b>	To understand the concept of Landscape, Region and Spatial organization.				
		<b>Geography of Resource</b>		<b>Code: A110702T</b>	<b>Theory</b>	<b>Credit: 04</b>	
		<b>CO 1</b>	Define meaning, concepts and approaches of Resource geography.				
		<b>CO 2</b>	Understand the nature of economic activities, resource distribution and problems.				
		<b>CO 3</b>	Understand the effect of globalization on developing countries.				
		<b>CO 4</b>	To understand the emerging issues, crises and resource conservation.				
		<b>Geomorphology: Theories and Concepts</b>		<b>Code: A110703T</b>	<b>Theory</b>	<b>Credit: 04</b>	
		<b>CO 1</b>	To understand the fundamental concept of Geomorphology from beginning to present day.				
		<b>CO 2</b>	To understand Geological Time Scale and related landform process.				
		<b>CO 3</b>	To understand Earth movements covered by Epeirogenic and Orogenic.				
		<b>CO 4</b>	To understand Slope evolution and classification that theories it.				
		<b>CO 5</b>	To understand the morphometric analysis of relief.				
		<b>Climatology</b>		<b>Code: A110704T</b>	<b>Theory</b>	<b>Credit: 04</b>	
		<b>CO 1</b>	Basic and recent concept of Climatology.				
		<b>CO 2</b>	To understand the critical appraisal of climatic classification.				
		<b>CO 3</b>	To understand the applied and regional climatology.				
		<b>Practical</b>		<b>Code: A110705P</b>	<b>Practical</b>	<b>Credit: 04</b>	
		<b>CO 1</b>	To understand the nature of weather maps and geological maps.				
		<b>CO 2</b>	To understand and Conceptualize Remote Sensing and GIS Technique.				
		<b>CO 3</b>	To understand the nature of various data.				
		<b>CO 4</b>	To understand the projection methods for mapping.				



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FIRST YEAR	SEMESTER - II	On completion of this course the students will be able to:				
		<b>Regional Planning &amp; Development</b>		<b>Code: A110801T</b>	<b>Theory</b>	<b>Credit: 04</b>
		CO 1	To understand the Concept of Regional Development and Sustainable Development.			
		CO 2	To understand development of Indian thoughts: Ideas of Gandhi and NITI Ayog.			
		CO 3	To understand the Concept of Regional Disparities, HDI, Regionalization for Sustainable Development and agro-climatic regions.			
		<b>Oceanography</b>		<b>Code: A110802T</b>	<b>Theory</b>	<b>Credit: 04</b>
		CO 1	To understand the Nature, Scope and development of Oceanography.			
		CO 2	To understand the Ocean bottom topography and bottom relief of Pacific, Atlantic and Indian Ocean.			
		CO 3	To understand the characteristics of ocean water.			
		CO 4	To understand the Concept of movement of ocean water, currents, Ocean deposits and Coral reefs.			
		CO 5	To understand the Geopolitics of oceanic resources with reference to Asia-Pacific Regions.			
		<b>Political Geography</b>		<b>Code: A110803T</b>	<b>Theory</b>	<b>Credit: 04</b>
		CO 1	To understand the Definition, Historical development of Political Geography, Geopolitics.			
		CO 2	To understand the Concept of State, Nation, Boundary and Frontiers and their classification.			
		CO 3	To understand the concept of Mackinder's Heartland Model, Spykman's Rim Land Model, Geostrategic idea of A.T. Mahan and Indian Geopolitics approach "Vasudhaiva Kutubakam" and Geopolitical study of world politics and their resources.			
		<b>Remote Sensing and Geographical Information System (GIS)</b>		<b>Code: A110806T</b>	<b>Theory</b>	<b>Credit: 04</b>
		CO 1	To understand the basic idea of principles, history and concept and mechanism of remote sensing.			
		CO 2	To understand the basic idea, application, geographic data, input, storage and editing of GIS.			
		<b>Cartography</b>		<b>Code: A110807P</b>	<b>Practical</b>	<b>Credit: 04</b>
		CO 1	To understand the statistical methods like as collection, processing and management of data, measurement of scale.			
		CO 2	To understand concept of sampling methods for data collection, methods of sampling, Correlation, Regression Analysis.			
		CO 3	To understand the system analysis of measurement of spatial pattern and inequality.			
		CO 4	To present data through graphical and diagrammatic formats.			
		<b>Research Project</b>		<b>Code: A11080R</b>	<b>Project</b>	<b>Credit: 08</b>



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	CO 1	To learn and prepare how to write a project report/dissertation.
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## COURSE OUTCOMES(COs) P.G. DEGREE IN M.A.

SECOND YEAR	SEMESTER - III	<b>Physical &amp; Economic Geography of India</b>		<b>Code: A110901T</b>	<b>Theory</b>	<b>Credit: 04</b>	
		On completion of this course the students will be able to:					
		CO 1	To understand Geological evolution and relief features of India.				
		CO 2	To understand the natural and human resource of India.				
		CO 3	Understand the nature of economic activities, resource distribution.				
		CO 4	Understand the effect of globalization and SEZ.				
		<b>Population Geography</b>		<b>Code: A110902T</b>	<b>Theory</b>	<b>Credit: 04</b>	
		CO 1	To understand the concept, nature and scope of population geography.				
		CO 2	To familiarize the students with population dynamics theories and models for population geography.				
		CO 3	To understand the population composition and their characteristic's.				
		CO 4	To understand the population resource regions and National Population Policies (NPP) special reference of India.				
		CO 5	Learn to prepare tour report.				
		<b>Marketing Geography</b>		<b>Code: A110903T</b>	<b>Theory</b>	<b>Credit: 04</b>	
		CO 1	To understand the concept, nature and scope of marketing geography.				
		CO 2	To understand the market hierarchy and their structure.				
		CO 3	To understand the wider aspect of trade and Indian agricultural marketing.				
		<b>Environment and Bio-Geography</b>		<b>Code: A110905T</b>	<b>Theory</b>	<b>Credit: 04</b>	
		CO 1	To understand the concept of Environment and Ecosystem.				
		CO 2	To understand the Environmental problems and their management.				
		CO 3	To understand the implementation and awareness of the environmental education and legislation.				
<b>Practical</b>		<b>Code: A110907P</b>	<b>Practical</b>	<b>Credit: 04</b>			
CO 1	To identify the various survey operations of Dumpy level.						
CO 2	To understand the basic idea and measurement angle of theodolite.						
CO 3	To learn the surveying and counterplotting of survey camp.						



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	On completion of this course the students will be able to:						
SECOND YEAR	SEMESTER - IV	<b>Research Methodology</b>		<b>Code: A111001T</b>	<b>Theory</b>	<b>Credit: 04</b>	
		CO 1	To understand the concept, Significance, Types and Approaches to research in Geography.				
		CO 2	To understand the identification and formulation of research design.				
		CO 3	To identify the various method of data collection, sources and their analysis.				
		CO 4	To learn and prepare research paper writing.				
		<b>Industrial Geography</b>		<b>Code: A111002T</b>	<b>Theory</b>	<b>Credit: 04</b>	
		CO 1	To understand the nature and scope of industrial geography.				
		CO 2	To develop understanding about factors and theories of industries location.				
		CO 3	To understand the distribution and spatial pattern of industries.				
		CO 4	To develop understanding about impact of globalization on industrial development, policies in reference of India.				
		<b>Agricultural Geography</b>		<b>Code: A111003T</b>	<b>Theory</b>	<b>Credit: 04</b>	
		CO 1	To understand the nature and scope of Agricultural Geography.				
		CO 2	Identify the classification of Land use pattern with spatial reference to India.				
		CO 3	To understand the concept and methods of agricultural productivity, crop combination, cropping intensity, cropping diversification and measurement of level of agricultural development.				
		CO 4	To understand the impact of modern agriculture on environment and sustainable development.				
		<b>Geography of Health</b>		<b>Code: A111006T</b>	<b>Theory</b>	<b>Credit: 04</b>	
		CO 1	To understand the nature, scope, method and technique of Geography of health.				
		CO 2	To interaction with people different pattern of distribution of major disease in the world.				
		CO 3	To study the concept of disease diffusion models and health care accessibility models and their health planning and police's in India.				
		<b>Master Thesis</b>		<b>Code: A111007P</b>	<b>Practical</b>	<b>Credit: 04</b>	
		CO 1	To learn and prepare how to write a project report/dissertation.				
		CO 2	To select a specific theme/topic for a project report.				
		CO 3	Student will learn in depth knowledge of physical and cultural aspects.				
		CO 4	Students prepare projects based on GIS, GPS and RS methods with research methodology (primary and secondary data).				
		<b>Project</b>		<b>Code: A111008R</b>	<b>Research Project</b>	<b>Credit: 08</b>	
		CO 1	To learn and prepare how to write a project report/dissertation.				
		CO 2	To select a specific theme/topic for a project report.				



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	CO 3	Student will learn in depth knowledge of physical and cultural aspects.
	CO 4	Students prepare projects based on GIS, GPS and RS methods with research methodology (primary and secondary data).


CO = PG GEOGRAPHY

DEPARTMENT OF GEOGRAPHY

  
Prof. Arti Vishnoi  
Dept. of Geography

  
Prof. Abha Singh  
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