

MAHARAJA BIJLI PASI GOVT. P.G. COLLEGE, AASHIYANA, LUCKNOW

ACADEMIC CALENDAR FOR PG (SEMESTER I AND III) 2026-27

DR AKHILENDRA KUMAR MISHRA

ASSISTANT PROFESSOR

DEPARTMENT OF GEOGRAPHY

SN	CLASS/ SE MESTER	PAPER	UNIT	TOPIC NAME	MONTH LY PLAN/W EEKLY PLAN	TEACHING PEDAGOGY (ONLINE/ OFFLINE)	LEARNING OUTCOME	ANY OTHER DETAIL
1.		PAPER II GEOMORPHOLOGY AND MORPHOMETRIC ANALYSIS	UNIT I	METHODS AND APPROACHES TO THE STUDY OF LANDFORMS; FUNDAMENTAL CONCEPTS IN GEOMORPHOLOGY: THEORIES OF LANDSCAPE DEVELOPMENT, W. M. DEVIS, W. PENCK, & M. MORISAWA..	JULY(LA ST WEEK)- AUGU ST 2026 (1 st AND 2nd WEEK)	LECTURE METHOD AND NOTES	STUDENTS WILL GET AN UNDERSTANDING OF THE KEY CHARACTERISTICS METHODS AND APPROACHES TO THE STUDY OF LANDFORMS; FUNDAMENTAL CONCEPTS IN GEOMORPHOLOGY.	ASSIGNMENT/TEST ICT TOOLS LIKE YOUTUBE VIDEOS, MAPS AND DIAGRAMS WILL BE USED AS WELL.

			UNIT II	ISOSTASY – DOCTRINE OF ISOSTASY; VIEWS OF AIRY AND PRATT, MASS MOVEMENT OF ROCK WASTE AND RESULTANT LANDFORMS; CONCEPT, EVOLUTION AND CLASSIFICATION SLOPES; THEORIES OF SLOPE DEVELOPMENT- W.M. DEVIS, L. C .KING.	AUGUST 2026(3 RD AND 4 TH WEEK)	LECTURE METHOD AND NOTES	STUDENTS WILL BE ABLE TO UNDERSTAND THE ISOSTASY , MASS MOVEMENT, LANDFORMS AND THEORIES OF SLOPE DEVELOPMENT.	ASSIGNMENT/TEST ICT TOOLS LIKE YOUTUBE VIDEOS, MAPS AND DIAGRAMS WILL BE USED AS WELL.
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			UNIT III	FLUVIAL (PROCESS) GEOMORPHOLOGY– MORPHOMETRY OF DRAINAGE BASINS; PROFILE OF EQUILIBRIUM; CHANNEL MORPHOLOGY; CLIMATIC GEOMORPHOLOGY AND MORPHOGENETIC REGIONS. DRAINAGE PATTERN OF RIVER.	SEPTEMBER 2026(1 st , 2 nd AND 3 RD WEEK	LECTURE METHOD AND NOTES	STUDENTS WILL BE ABLE TO UNDERSTAND MORPHOMETRY OF DRAINAGE BASINS; PROFILE OF EQUILIBRIUM; CHANNEL MORPHOLOGY; CLIMATIC GEOMORPHOLOGY AND MORPHOGENETIC REGIONS ECT.	ASSIGNMENT/TEST ICT TOOLS LIKE YOUTUBE VIDEOS, MAPS AND DIAGRAMS WILL BE USED AS WELL.
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				STRUCTURAL GEOMORPHOLOGY– FOLD, FAULT AND DOMAL STRUCTURES AND LANDFORMS; PALAEO AND NEO– GEOMORPHOLOGY– DENUDATION CHRONOLOGY OF PENINSULAR INDIA AND HIMALAYAS, CONTINENTAL DRIFT THEORY– CONCEPT OF WEGENER, MOUNTAIN BUILDING THEORIES– CONCEPTS OF KOBER, DALY AND HOLMES	SEPTEMBER 2025 (LAST WEEK) OCTOBER 2026 (1ST AND 2ND)	LECTURE METHOD AND NOTES	STUDENTS WILL BE ABLE TO UNDERSTAND THE STRUCTURAL GEOMORPHOLOGY AND LANDFORMS; PALAEO AND NEO– GEOMORPHOLOGY – DENUDATION CHRONOLOGY OF PENINSULAR INDIA AND HIMALAYAS, CONTINENTAL DRIFT THEORY – CONCEPT OF WEGENER, MOUNTAIN BUILDING THEORIES – CONCEPTS OF KOBER, DALY AND HOLMES.	ASSIGNMENT/TEST ICT TOOLS LIKE YOUTUBE VIDEOS, MAPS AND DIAGRAMS WILL BE USED AS WELL.
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			UNIT V	GEOMORPHIC HAZARDS AND MITIGATION MEASURES; GEOMORPHOLOGY AND ECONOMIC DEPOSITS; GEOMORPHOLOGY IN GROUNDWATER STUDIES; SOILS AND GEOMORPHOLOGY. TERRAIN CLASSIFICATION AND ITS APPLICATIONS.	OCTOBER (3 rd AND 4 th WEEK)- NOVEMBER 2026	THE LECTURE METHOD AND NOTES	STUDENTS WILL BE ABLE TO UNDERSTAND GEOMORPHIC HAZARDS AND MITIGATION MEASURES; GEOMORPHOLOGY AND ECONOMIC DEPOSITS; GEOMORPHOLOGY IN GROUNDWATER STUDIES; SOILS AND GEOMORPHOLOGY. TERRAIN CLASSIFICATION AND ITS APPLICATIONS.	ASSIGNMENT/TEST ICT TOOLS LIKE YOUTUBE VIDEOS, MAPS AND DIAGRAMS WILL BE USED AS WELL
			ALL UNIT S	REVISION	REMAINING WORKING DAYS TILL EXAMINATIONS	INTERACTIVE SESSIONS	STUDENT PARTICIPATION	WRITING PRACTICE AND DISCUSSION

2.		PAPER VI VALUE ADDED CREDITED COURSE (INTRADEPARTMENTAL): INTEGRATED WATERSHED MANAGEMENT	UNIT I	SOURCES OF WATER, ATMOSPHERIC RELATIONSHIP OF WATER: RAINFALL AND TEMPERATURE, EVAPORATION, RAINFALL AND RUNOFF RELATIONSHIP, HYDROLOGICAL CYCLE. RAIN WATER HARVESTING AS STRATEGIES OF WATER RESOURCE CONSERVATION, OTHER STRATEGIES OF WATER CONSERVATION; WATER RECYCLING, HYDROLOGICAL,	JULY(LAST WEEK)-AUGUST - SEPTEMBER 2026 (1st AND 2nd)	LECTURE METHOD AND NOTES	STUDENTS WILL GET AN UNDERSTANDING OF THE KEY OF BASICS OF SOURCES OF WATER, ATMOSPHERIC RELATIONSHIP OF WATER: RAINFALL AND TEMPERATURE, EVAPORATION, RAINFALL AND	ASSIGNMENTS/TEST ICT TOOLS LIKE YOUTUBE VIDEOS AND PPT WILL BE USED AS WELL.
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				HYDRO-MORPHOLOGICAL AND HYDRO-PEDAGOGICAL ASSESSMENT, ASSESSMENT OF SURFACE AND SUB SURFACE (GROUND WATER) DISCHARGE AND RECHARGE CONDITION AND WATER TABLE RELATIONSHIP.			RUNOFF RELATIONSHIP, HYDROLOGICAL CYCLE. RAIN WATER HARVESTING AS STRATEGIES OF WATER RESOURCE CONSERVATION, OTHER STRATEGIES OF WATER CONSERVATION; WATER RECYCLING, HYDROLOGICAL, HYDRO MORPHOLOGICAL AND HYDRO PEDAGOGICAL ASSESSMENT ECT.	
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			UNIT II	WATERSHED MANAGEMENT, CONCEPT OF WATERSHED; MORPHOLOGICAL UNITS, MORPHOGENETIC CLASSIFICATION, MORPHOMETRIC ANALYSIS, IMPORTANCE OF WATERSHED PROTECTION AND APPROACHES TO WATERSHED PROTECTION, WATERSHED MANAGEMENT. IMPACT OF MODERN DEVELOPMENT ON WATER RESOURCE: NEED OF WATER FOR DOMESTIC AND NON DOMESTIC USE. WATERSHED	SEPTEMBER (3rd AND 4th)- OCTOBER - NOVEMBER 2026	LECTURE METHOD AND NOTES	STUDENTS WILL GET AN UNDERSTANDING OF THE KEY OF WATERSHED MANAGEMENT, CONCEPT OF WATERSHED; MORPHOLOGICAL UNITS, MORPHOGENETIC CLASSIFICATION, MORPHOMETRIC ANALYSIS, IMPORTANCE OF WATERSHED PROTECTION AND	ASSIGNMENT/TEST ICT TOOLS LIKE YOUTUBE VIDEOS, MAPS AND DIAGRAMS WILL BE USED AS WELL.
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				MANAGEMENT PROBLEMS IN INDIA. DEMAND AND SUPPLY POSITION OF WATER RESOURCE, CONTEMPORARY WATER CRISIS.			APPROACHES TO WATERSHED PROTECTION ECT.	
			ALL UNITS	REVISION	REMAINING WORKING DAYS TILL	INTERACTIVE SESSION	STUDENT PARTICIPATION	QUESTION/ANSWER AND DISCUSSION

					EXAMINATIONS			
3.		PAPER V CARTOGRAPHIC TECHNIQUES (PRACTICAL)	UNIT I	INTRODUCTION TO CARTOGRAPHY; SCALE, SLOPE ANALYSIS: WENTWORTH METHOD, PROFILE, DEFINITION, IMPORTANCE AND USES, METHODS OF DRAWING PROFILES, TYPES OF PROFILES, MAP PROJECTION; BONNE'S, POLYCONIC, MERCATOR, ZENITHAL EQUAL AREA, (POLAR CASE) ZENITHAL STEREOGRAPHIC (EQUATORIAL CASE), GNOMONIC PROJECTION (EQUATORIAL CASE).	JULY NOVEMBER 2026	LECTURE METHOD AND NOTES	STUDENTS WILL BE ABLE TO UNDERSTAND INTRODUCTION TO CARTOGRAPHY; SCALE, SLOPE ANALYSIS AND MAP PROJECTION	ASSIGNMENT/TEST ICT TOOLS LIKE YOUTUBE VIDEOS, MAPS AND DIAGRAMS WILL BE USED AS WELL
			ABOVE ONE UNIT S	REVISION	REMAINING WORKING DAYS TILL EXAMINATIONS	INTERACTIVE SESSION ONLINE TEACHING	STUDENT PARTICIPATION	QUESTION/ANSWER AND DISCUSSION

4.		PAPER I ADVANCE GEOGRAPHY OF INDIA	UNIT I	MAKING OF INDIA THROUGH GEOLOGICAL TIMES, STRUCTURE AND RELIEF; DRAINAGE SYSTEMS AND WATERSHEDS; PHYSIOGRAPHIC DIVISIONS; CLIMATE CHARACTERISTICS: MECHANISM OF THE INDIAN MONSOON; SOIL AND FORESTS: TYPES, DISTRIBUTION AND UTILIZATION.	JULY(LA ST WEEK)- AUGU ST 2026 (1 ST AND 2 ND WEEK)	LECTURE METHOD AND NOTES	STUDENTS WILL GET AN UNDERSTANDING OF THE KEY CHARACTERISTICS OF THE CONCEPT OF REGIONAL DEVELOPMENT.	ASSIGNMENT/TEST ICT TOOLS LIKE YOUTUBE VIDEOS, MAPS AND DIAGRAMS WILL BE USED AS WELL.
			UNIT II	POPULATION GROWTH: TRENDS AND PATTERN; POPULATION: DISTRIBUTION AND DENSITY; AGEING OF POPULATION; SEX AND LITERACY DIFFERENTIALS; TRENDS OF URBANIZATION; NATIONAL POPULATION POLICY - 2000.	AUGU ST 2026(3 RD AND 4 TH WEEK)	LECTURE METHOD AND NOTES	STUDENTS WILL BE ABLE TO UNDERSTAND INDIAN DEVELOPMENT THOUGHT, CENSUS OF INDIA, PLANNING COMMISSION, AND NITI AAYOG.	ASSIGNMENT/TEST ICT TOOLS LIKE YOUTUBE VIDEOS, MAPS AND DIAGRAMS WILL BE USED AS WELL.

				UNIT III AGRICULTURAL CHARACTERISTIC AND TRENDS, TYPES OF AGRICULTURE AND AGRICULTURAL ACTIVITY, IRRIGATION, AGRO CLIMATIC REGION, AGRO ECOLOGICAL REGION, SUSTAINABLE AGRICULTURE. GREEN, BLUE, WHITE, YELLOW AND RAINBOW REVOLUTION. RELEVANCE OF SECOND GREEN REVOLUTION.	SEPTEMBER 2026(1 st , 2 ND AND 3 RD WEEK)	LECTURE METHOD AND NOTES	STUDENTS WILL BE ABLE TO UNDERSTAND IDENTIFICATION OF REGIONAL DISPARITIES AND HUMAN DEVELOPMENT INDEX.	ASSIGNMENT/TEST ICT TOOLS LIKE YOUTUBE VIDEOS, MAPS AND DIAGRAMS WILL BE USED AS WELL.
				INDUSTRIAL DEVELOPMENT IN PRE AND POST INDEPENDENCE INDIA, IRON	SEPTEMBER	LECTURE METHOD AND NOTES	STUDENTS WILL BE ABLE TO UNDERSTAND	ASSIGNMENT/TEST

				AND STEEL, COTTON, TEXTILE INDUSTRY, REGIONAL DISTRIBUTION AND DEVELOPMENT POTENTIAL OF MINERALS AND POWER RESOURCES- IRON ORE, BAUXITE, COPPER; NEW INDUSTRIAL POLICY; GLOBALIZATION, LIBERALISATION AND PRIVATIZATION.	2026(LAST WEEK) OCTOBER 2026 (1 ST AND 2 ND)		REGIONALIZATION FOR SUSTAINABLE DEVELOPMENT ETC.	ICT TOOLS LIKE YOUTUBE VIDEOS, MAPS AND DIAGRAMS WILL BE USED AS WELL.
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				CONTEMPORARY ISSUE INDIA: FLOOD, DROUGHT, LAND SLIDING, DEFORESTATION, SOIL EROSION, REGIONAL DISPARITY, UNPLANNED URBANIZATION, COASTAL ECOLOGY, ECOLOGICAL IMBALANCE, POVERTY AND UNEMPLOYMENT.	OCTOBER (3 rd AND 4 th WEEK)- NOVEMBER 2026	LECTURE METHOD AND NOTES	STUDENTS WILL BE ABLE TO UNDERSTAND THE REGIONAL DEVELOPMENT STRATEGIES.	ASSIGNMENT/ TEST ICT TOOLS LIKE YOUTUBE VIDEOS, MAPS AND DIAGRAMS WILL BE USED AS WELL
			ALL UNITS	REVISION	REMAINING WORKING DAYS TILL EXAMINATIONS	INTERACTIVE SESSION	STUDENT PARTICIPATION	QUESTION/ANSWER AND DISCUSSION
5.	MA II SEM III SEM III	PAPER IV AGRICULTURE GEOGRAPHY	UNIT I	DEFINITION AND SCOPE OF AGRICULTURE GEOGRAPHY, APPROACHES TO THE STUDY OF AGRICULTURE GEOGRAPHY, REGIONAL, SYSTEMATIC, ECOLOGICAL AND COMMODITY APPROACH, ORIGIN AND DISPERSAL OF AGRICULTURE, DEVELOPMENT OF AGRICULTURE GEOGRAPHY.	JULY(LAST WEEK)- AUGUST 2026 (1ST AND 2ND WEEK)	LECTURE METHOD AND NOTES	STUDENTS WILL BE ABLE TO UNDERSTAND MAKING OF INDIA THROUGH GEOLOGICAL TIMES, STRUCTURE AND RELIEF; DRAINAGE SYSTEMS AND WATERSHEDS;	ASSIGNMENT/ TEST ICT TOOLS LIKE YOUTUBE VIDEOS, MAPS AND DIAGRAMS WILL BE USED AS WELL.

							PHYSIOGRAPHIC DIVISIONS; CLIMATE, SOIL & FORESTS.	
			UNIT II	FACTORS AFFECTING AGRICULTURE: PHYSICAL, SOCIAL, ECONOMIC AND TECHNICAL, LAND CAPABILITY AND LAND USE CLASSIFICATION WITH SPECIAL REFERENCE TO INDIA, MAJOR AGRICULTURAL REGIONS OF THE WORLD. THEORY OF AGRICULTURE LOCATION : VON THUNEN, OLOF JOHANSSON.	AUGUST 2026(3RD AND 4TH WEEK)	LECTURE METHOD AND NOTES	STUDENTS WILL BE ABLE TO UNDERSTAND POPULATION, TRENDS OF URBANIZATION; NATIONAL POPULATION POLICY - 2000.	ASSIGNMENT/TEST ICT TOOLS LIKE YOUTUBE VIDEOS, MAPS AND DIAGRAMS WILL BE USED AS WELL.
				UNIT III METHOD OF CULTURE PRODUCTIVITY MEASUREMENT: RANKING COEFFICIENT AND LAND CARRYING CAPACITY METHOD, CROP COMBINATION REGIONS – METHOD OF DELIMITATION WEBER AND DOI. AGRICULTURE INTENSITY AND DIVERSIFICATION.	SEPTEMBER 2026(1st, 2ND AND 3RD WEEK)	LECTURE METHOD AND NOTES	STUDENTS WILL BE ABLE TO UNDERSTAND AGRICULTURAL CHARACTERISTICS AND TRENDS; GREEN, WHITE, BLUE AND YELLOW REVOLUTIONS.	ASSIGNMENT/TEST ICT TOOLS LIKE YOUTUBE VIDEOS, MAPS AND DIAGRAMS WILL BE USED AS WELL.

				IV GREEN REVOLUTION: IMPACT AND REGIONAL IMBALANCES, IMPACT OF MODERN AGRICULTURE ON ENVIRONMENT, PLANNING OF AGRICULTURE LAND USE. FOOD SECURITY POLICY IN INDIA.	SEPTEMBER 2026 (LAST WEEK) OCTOBER 2026 (1ST AND 2ND)	LECTURE METHOD AND NOTES	STUDENTS WILL BE ABLE TO UNDERSTAND INDUSTRIAL DEVELOPMENT IN PRE AND POST INDEPENDENCE INDIA AND INDUSTRIAL POLICY ETC.	ASSIGNMENT/TESTS ICT TOOLS LIKE YOUTUBE VIDEOS, MAPS AND DIAGRAMS WILL BE USED AS WELL.
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			UNIT V	ROLE OF AGRICULTURE IN ECONOMIC DEVELOPMENT, RECENT AGRICULTURE POLICIES IN INDIA, NEW DIMENSIONS IN AGRICULTURE: AGRI BUSINESS, SOCIAL FORESTRY AND SUSTAINABLE AGRICULTURE.	OCTOBER (3rd AND 4th WEEK)- NOVEMBER 2026	LECTURE METHOD AND NOTES	STUDENTS WILL BE ABLE TO UNDERSTAND MULTINATIONAL LIBERALIZATION, TRANSPORTATION, COMMUNICATION AND TRADE ETC.	ASSIGNMENT/TESTS ICT TOOLS LIKE YOUTUBE VIDEOS, MAPS AND DIAGRAMS WILL BE USED AS WELL.
			ALL UNITS	REVISION	REMAINING WORKING DAYS TILL EXAMINATIONS	INTERACTIVE SESSION	STUDENT PARTICIPATION	QUESTION/ANSWER AND DISCUSSION

Note: 1. Simultaneously, Internship/Field Work (Practical) Prescribed for the third semester of the MA program will also be carried out in a continuous and systematic manner.

2. Scheduled Tutorial and Remedial Classes will be conducted according to the timetable.

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