



Fax: 08816-227318 off: 08816-224072, 224119

DANTULURI NARAYANA RAJU COLLEGE (Autonomous)

(Reaccredited at 'B++' by NAAC)

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

Web: www.dnrcollege.org Email: principal@dnrcollege.org

VISION

To transform into an institution of excellence for development of human resources in the domains of Sciences, Social Sciences, Technology, Arts, Commerce and Management

MISSION

Providing community oriented and learner centric curricular improvement, academic and applied research, programmers of outreach to transform in the direction of attaining excellence.

PRINCIPAL



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DEPARTMENT OF GEOGRAPHY

VISION

"The department promote the discovery and broad knowledge about the Geography evolution and their environments. The holistic development of the student and make them able to contribute effectively for their welfare and society in this dynamic era.

MISSION

- DM 1: Our mission is to offer high quality education dedicated to building minds with social and moral responsibility.
- DM 2: To provide a comprehensive training in theoretical and practical Geography students.
- DM 3: To equip students with adequate practical skills that will enable them function productively in society.

COORDINATOR

HEAD OF THE DEPARTMENT



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DEPARTMENT OF GEOGRAPHY

PROGRAMME OUTCOMES 1-10

PO1: Essential knowledge:

Comprehensive understanding enables engagement with various ideas and application across different fields even in multi –disciplinary settings.

PO2: Creative, Critical thinking and Problem solving abilities:

Be effective problem solvers, able to apply critical and evidence – based thinking to conceive innovative ideas to future challenges

PO3: Team spirit, Communication and Soft skills:

Be able to convey ideas and information effectively to a range of audiences for a variety of purposes and contribute in a positive and collaborative manner in achieving common goals.

PO4: Life skills:

Showcase life skills for diverse careers, including self-learning, digital proficiency, social responsibility and empathy for any social setting.

PO5: Employability skills and Leadership traits:

Be able to engage with professional approach and have the potential to be entrepreneurial and take Leadership roles in their chosen occupation and communities.

PO6: Human values and Professional Ethics:

Be responsible and effective global citizen whose personal values and practices are consistent with their role and profession.

PO7: Self – awareness and Emotional intelligence:

Be aware of inherent talent, reflective, flexible, resilient and act with integrity to take responsibilities confidently.

PO8: Social responsibility, Eco friendly and Environment Sustainability practices: Be sensitive to gender, environment and other social issues to promote an equitable and sustainable society.

PO9: ICT literacy skills:

The ability to utilize ICT in various learning situations using ICT tools to access, retrieve and modify authenticated data using data analysis.

PO10: Effective Project Management:

Identify project goals, set timelines, and organize tasks efficiently to meet targets. Also, be ready to spot opportunities and create backup plans.

PROGRAMME SPECIFIC OUTCOMES 1-3

PSO1: Understand the concepts of Vector spaces, Group theory, quantum mechanics, optical, thermal, electrical, mechanical properties of a materials, probability, algorithm design

PSO2: Analyze the concepts of mathematics, physics and computers science able to relate programming of models of physical system

PSO3: Ability to interlink the skills developed and acquires an aptitude to address the problems in simulations of material properties, web and mobile app development.



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DEPARTMENT OF GEOGRAPHY

ALL COURSE OUTCOMES

Course Name : PHYSICAL GEOGRAPHY	PHYG-1	CourseYear:	2021-2022
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By the end of the course the student will be able to

Course Name	Statements	Taxonomy
PHYG-1.1	Describe the scope of Physical Geography and its relevance to understanding natural processes.	Understand
PHYG-1.2	Discuss the impact of different weathering types on the landscape.	Understand
PHYG-1.3	Explain the differences between weather and climate, and how each is measured and observed.	Understand
PHYG-1.4	Apply knowledge of insolation to explain temperature variations and climate zones.	Apply
PHYG-1.5	Explain how humidity is measured and the significance of different humidity variables in weather and climate studies.	Understand
PHYG-1.6	Demonstrate how tidal patterns and wave action can affect coastal erosion and sediment deposition	Apply



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DEPARTMENT OF GEOGRAPHY

1. Course Name: PHYSICAL GEOGRAPHY

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
PHYG-1.1	1	2	-	2	-	-	2	2	2	-	2	3	2
PHYG-1.2	3	-	-	2	-	-	1	2	-	-	1	2	1
PHYG-1.3	3	-	1	2	2	-	-	3	2	-	2	3	2
PHYG-1.4	3	2	-	2	-	2	-	-	-	2	2	3	2
PHYG-1.5	3	-	2	-	2	2	-	-	2	2	2	3	2
PHYG-1.6	3	2	-	-	-	-	-	3	-	2	1	3	2
AVERAGE	2.66	2.00	1.5	2.00	2.00	2.00	1.5	2.5	3.00	1.5	1.66	2.83	1.83



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DEPARTMENT OF GEOGRAPHY

Program	B.A	Batch	2021-22
Academic Year	2021 – 24	Year / Semester	II/IV
Name of the Course	PAPER –I PHYSICAL GEOGRAPHY	COURSE CODE	

S.NO	Regd No	Internal	External
1.	121140301	03	30
2.	121140302	21	58
3.	121140303	19	45
4.	121140304	AB	AB
5.	121140305	25	55
6.	121140306	22	53
7.	121140307	25	60
8.	121140308	20	44
9.	121140309	20	41
10.	121140310	20	50
11.	121140311	18	40
	NO.OF ATTEMPTS	10	10
	SCORE ABOVE 40%	10	09
	ATTAINMENT %	100	90

RUBRICS: ≤ 55% of students crossed 40% of maximum marks: Attainment level 1
56% -69% of students crossed 40% of maximum marks: Attainment level 2
If 70% and above students crossed 40% of maximum marks: Attainment level 3

Coordinator

Head of the Department

Principal

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DEPARTMENT OF PHYSICAL GEOGRAPHY

Program	B. Sc. (M.P.Cs)	Batch	2021-2022
Academic Year	2020 -2021	Year / Semester	I /I
Name of the Course	PHYSICAL GEOGRAPHY	Course Code	PHYG-1

COURSE OUTCOME (CO) ATTAINMENT – DIRECT:

Course Outcomes	Internal attainment	Fraction of Internal Attainment as per weight age (100%)	Semester-End (External) Exam Attainment	Fraction of External Attainment as per weight age (100%)	Final CO Direct Attainment of the course
		A		B	A+B
CO-1.1	3	0.75	3	2.25	3
CO-1.2	3	0.75	3	2.25	3
CO-1.3	3	0.75	3	2.25	3
CO-1.4	3	0.75	3	2.25	3
CO-1.5	3	0.75	3	2.25	3
CO-1.6	3	0.75	3	2.25	3

Overall Course Outcomes (CO) Direct Attainment:

Course Outcomes	CO Direct Attainment	CO Indirect Attainment	Overall CO (Final) Attainment
	DA	IA	OA = ((0.8XDA) + (0.2XIA))
CO-1.1	3	2.0	2.8
CO-1.2	3	1.9	2.78
CO-1.3	3	2.1	2.82
CO-1.4	3	2.2	2.84
CO-1.5	3	2.1	2.82
CO-1.6	3	1.8	2.76
Average:			2.80
Target			
Status (Achieved(Yes/No))			

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DEPARTMENT OF GEOGRAPHY

ALL COURSE OUTCOMES

Course Name : PAPER –II,HUMAN GEOGRAPHY	GEO-II	CourseYear:	2021-2022
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By the end of the course the student will be able to

Course Name	Statements	Taxonomy
HG-1.1	Describe the historical evolution of human geography and its major theoretical approaches and methodologies.	Understand
CO1.2	Explain how the environmental conditions of cold regions, hot regions, plateaus, and mountains influence the lifestyle and survival strategies of the Eskimo, Bushman, Gonds, and Gujjars.	Understand
CO-1.3	Apply knowledge of resource classifications to categorize various resources based on their renewability, biotic/abiotic nature, and recyclability.	Apply
CO-1.4	Explain how population density and distribution patterns vary across different regions of the world and their implications for resource use and development.	Understand
CO1.5	Utilize Malthusian theory to analyze historical and contemporary population data and its relevance to current demographic issues.	Apply
CO1.6	Summarize the historical and geographic factors influencing the origin and classification of urban settlements.	Understand



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DEPARTMENT OF GEOGRAPHY

1. Course Name: HUMAN GEOGRAPHY

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
HG-1.1	3	2	-	1	-	2				1	2	2	1
CO1.2	3	2	2	2	-	2	3	2	1	-	2	2	1
CO-1.3	3	3	2	1	2	-	-	3	2	-	3	2	2
CO-1.4	3	2	2	4	-	2	-	-	-	2	2	2	2
CO1.5	3	-	2	-	2	2	-	-	2	2	2	2	1
CO1.6	3	2	3	-	-	-	2	2	-	2	2	2	1
AVERAGE	3.00	2.2	2.2	2.00	2.00	2.00	2.5	2.33	1.66	1.75	2.16	2.00	1.33

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DEPARTMENT OF GEOGRAPHY

Program	B. A	Batch	2021-2022
Academic Year	2021 -2022	Year / Semester	I / II
Name of the Course	HUMAN GEOGRAPHY	Course Code	GEO-1

COURSE OUTCOME (CO) ATTAINMENT – DIRECT:

Course Outcomes	Internal attainment	Fraction of Internal Attainment as per weight age (100%)	Semester-End (External) Exam Attainment	Fraction of External Attainment as per weight age (100%)	Final CO Direct Attainment of the course
		A		B	A+B
CO-1.1	3	0.75	3	2.25	3
CO-1.2	3	0.75	3	2.25	3
CO-1.3	3	0.75	3	2.25	3
CO-1.4	3	0.75	3	2.25	3
CO-1.5	3	0.75	3	2.25	3
CO-1.6	3	0.75	3	2.25	3

Overall Course Outcomes (CO) Direct Attainment:

Course Outcomes	CO Direct Attainment	CO Indirect Attainment	Overall CO (Final) Attainment
	DA	IA	OA = ((0.8XDA) + (0.2XIA))
CO-1.1	3	2.0	2.8
CO-1.2	3	1.9	2.78
CO-1.3	3	2.1	2.82
CO-1.4	3	2.2	2.84
CO-1.5	3	2.1	2.82
CO-1.6	3	1.8	2.76
Average:			2.80
Target			
Status (Achieved(Yes/No))			

Coordinator

Head of the Department

Principal



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DEPARTMENT OF GEOGRAPHY

ALL COURSE OUTCOMES

Course Name : PAPER –III, ECONOMIC GEOGRAPHY	GEOGRAPHY	CourseYear:	2022-2023
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By the end of the course the student will be able to

Course Name	Statements	Taxonomy
EG-1.1	Explain the nature of economic geography and how it examines the spatial aspects of economic activities.	Understand
CO1.2	Apply Von Thünen's theory to analyze the land use patterns of agricultural activities in a specific region or case study.	Apply
CO-1.3	Explain the factors influencing the spatial distribution of rice, wheat, cotton, and sugarcane production	Understand
CO-1.4	Examine the impact of geographic and economic factors on the distribution and production of ferrous and non-ferrous resources.	Analyze
CO1.5	Describe the factors that influence the distribution and production of iron and steel globally.	Understand
CO1.6	Apply knowledge of land and air transport modes to analyze their effectiveness in different geographic and economic contexts.	Apply



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DEPARTMENT OF GEOGRAPHY

1. Course Name: ECONOMIC GEOGRAPHY

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
HG-1.1	3	2	2	2	-	2	-			2	2	3	2
CO1.2	2	3	-	4	2	-	2	2	2	-	1	2	1
CO-1.3	2	3	1	2	2	2	-	2	2	-	2	3	2
CO-1.4	3	2	2	2	2	3	-	3	2	2	2	3	2
CO1.5	3	2	2	-	2	3	-	3	2	2	2	3	2
CO1.6	2	2	3	-	-	-	-	-	-	2	1	3	2
AVERAGE	2.5	2.3	2.0	2.5	2.0	2.5	2.0	2.5	2.0	2.0	1.66	2.83	1.83



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DEPARTMENT OF GEOGRAPHY

Program	B.A	Batch	2021-22
Academic Year	2021 – 24	Year / Semester	II/III
Name of the Course	PAPER –III ECONOMIC GEOGRAPHY	COURSE CODE	

S.NO	Regd No	Internal	External
1.	121140302	21	58
2.	121140303	AB	AB
3.	121140305	25	61
4.	121140306	24	62
5.	121140307	25	64
6.	121140308	22	45
7.	121140309	20	59
8.	121140310	20	58
9.	121140311	23	60
	NO.OF ATTEMPTS	8	8
	SCORE ABOVE 40%	8	8
	ATTAINMENT %	100	100

RUBRICS: ≤ 55% of students crossed 40% of maximum marks: Attainment level 1
56% -69% of students crossed 40% of maximum marks: Attainment level 2
If 70% and above students crossed 40% of maximum marks: Attainment level 3

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DEPARTMENT OF GEOGRAPHY

Program	B. A	Batch	2022-2023
Academic Year	2022 -2023	Year / Semester	II / III
Name of the Course	ECONOMIC GEOGRAPHY	Course Code	GEO-1

COURSE OUTCOME (CO) ATTAINMENT – DIRECT:

Course Outcomes	Internal attainment	Fraction of Internal Attainment as per weight age (100%)	Semester-End (External) Exam Attainment	Fraction of External Attainment as per weight age (100%)	Final CO Direct Attainment of the course
CO-1.1	3	0.75	3	2.25	3
CO-1.2	3	0.75	3	2.25	3
CO-1.3	3	0.75	3	2.25	3
CO-1.4	3	0.75	3	2.25	3
CO-1.5	3	0.75	3	2.25	3
CO-1.6	3	0.75	3	2.25	3

Overall Course Outcomes (CO) Direct Attainment:

Course Outcomes	CO Direct Attainment	CO Indirect Attainment	Overall CO (Final) Attainment
	DA	IA	OA= ((0.8XDA) + (0.2XIA))
CO-1.1	3	1.7	2.74
CO-1.2	3	2.0	2.8
CO-1.3	3	2.1	2.82
CO-1.4	3	1.5	2.7
CO-1.5	3	2.3	3.09
CO-1.6	3	1.6	2.72
Average:			2.81
Target			
Status (Achieved(Yes/No))			

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DEPARTMENT OF GEOGRAPHY

ALL COURSE OUTCOMES

Course Name : PAPER –IV GEOGRAPHY OF INDIA	GEO-IV	CourseYear:	2022-2023
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By the end of the course the student will be able to

Course Name	Statements	Taxonomy
CO-1.1	Describe the relief structure of India, including the major mountain ranges, plateaus, and plains	Understand
CO1.2	Describe the demographic concepts of population growth and composition, including age structure, sex ratio, and fertility rates.	Understand
CO-1.3	Summarize the key features of the Green Revolution and its effects on Indian agriculture	Understand
CO-1.4	Utilize data on energy and mineral resources to assess their production, consumption, and economic impact on India.	Apply
CO1.5	Explain the significance of iron and steel, cotton textile, sugar, and petrochemical industries in the context of India's industrial economy.	Understand
CO1.6	Analyze the relationship between modes of transport and communication and their influence on international trade patterns.	Analyze



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DEPARTMENT OF GEOGRAPHY

1. Course Name: GEOGRAPHY OF INDIA

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO-1.1	3	2	1	2	-	-	2	2	2	-	1	3	2
CO-1.2	3	1	-	1	-	-	2	-	-	-	1	2	1
CO-1.3	3	-	1	2	2	1	-	3	2	-	2	2	1
CO-1.4	2	2	-	2	-	2	-	-	-	2	2	3	2
CO-1.5	3	-	2	-	2	2	-	-	1	1	3	3	2
CO-1.6	3	-	-	-	-	-	-	3	-	2	1	3	2
AVERAGE	2.83	1.66	1.33	1.75	2.0	1.66	2.0	2.66	1.66	1.66	1.66	2.66	1.66



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DEPARTMENT OF GEOGRAPHY

Program	B.A	Batch	2021-22
Academic Year	2022-23	Year / Semester	II/IV
Name of the Course	PAPER –IVGEOGRAPHY OF INDIA	COURSE CODE	GEO-IV

S.NO	Regd No	Internal	External
1.	121140302	23	56
2.	121140303	A	A
3.	121140305	24	55
4.	121140306	23	52
5.	121140307	25	57
6.	121140308	20	42
7.	121140309	22	47
8.	121140310	22	43
9.	121140311	23	52
	NO.OF ATTEMPTS	8	8
	SCORE ABOVE 40%	8	8
	ATTAINMENT %	100	100

RUBRICS: ≤ 55% of students crossed 40% of maximum marks: Attainment level 1
56% -69% of students crossed 40% of maximum marks: Attainment level 2
70% and above students crossed 40% of maximum marks: Attainment level 3

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Program	B. A	Batch	2022-2023
Academic Year	2022 -2023	Year / Semester	II / IV
Name of the Course	PAPER-IVGEOGRAPHY OF INDIA	Course Code	GEO-IV

COURSE OUTCOME (CO) ATTAINMENT – DIRECT:

Course Outcomes	Internal attainment	Fraction of Internal Attainment as per weight age (100%)	Semester-End (External) Exam Attainment	Fraction of External Attainment as per weight age (100%)	Final CO Direct Attainment of the course
		A		B	A+B
CO-1.1	3	0.75	3	2.25	3
CO-1.2	3	0.75	3	2.25	3
CO-1.3	3	0.75	3	2.25	3
CO-1.4	3	0.75	3	2.25	3
CO-1.5	3	0.75	3	2.25	3
CO-1.6	3	0.75	3	2.25	3

Overall Course Outcomes (CO) Direct Attainment:

Course Outcomes	CO Direct Attainment	CO Indirect Attainment	Overall CO (Final) Attainment
	DA	IA	OA = ((0.8XDA) + (0.2XIA))
CO-1.1	3	2.0	2.8
CO-1.2	3	1.9	2.78
CO-1.3	3	2.1	2.82
CO-1.4	3	2.2	2.84
CO-1.5	3	2.1	2.82
CO-1.6	3	1.8	2.76
Average:			2.80
Target			
Status (Achieved(Yes/No))			

Coordinator

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ALL COURSE OUTCOMES

Course Name : PAPER –V REMOTE SENSING AND GIS	GEO-V	CourseYear:	2022-2023
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By the end of the course the student will be able to

Course Name	Statements	Taxonomy
CO-1.1	Explain the concept of remote sensing and its importance in acquiring and analyzing spatial information.	Understand
CO1.2	Analyze the impact of different electromagnetic spectrum regions on remote sensing capabilities and data quality.	Analyze
CO-1.3	Apply knowledge of different types of aerial photographs to select appropriate imagery for specific geographical research or applications.	Apply
CO-1.4	Explain the concept of GIS and its significance in managing and analyzing spatial data.	Understand
CO1.5	Summarize the concepts of GPS, DGPS, and GNSS, including how they work and their roles in geospatial data collection and positioning.	Understand
CO1.6	Apply knowledge of remote sensing and GIS integration to develop a GIS project that incorporates remote sensing data for spatial analysis.	Apply

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(Reaccredited at 'B++' by NAAC)

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

Web: www.dnrcollege.org Email: principal@dnrcollege.org

DEPARTMENT OF GEOGRAPHY

1. Course Name: INTRODUCTION TO REMOTE SENSING GIS

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
HG-1.1	3	2	-	2	-	-	2	2	2	-	2	3	2
CO1.2	3	1	2		-	2	1	2	-	1	1	2	3
CO-1.3	2	-	1	2	2	-	-		1	-	1	3	2
CO-1.4	3	2	-	2	-	2	1	-	-	2	2	2	2
CO1.5	3	-	2	-	2	2	-	-	2	2	2	3	2
CO1.6	3	2	-	-	-	-	-	3	-	2	1	3	2
AVERAGE	2.83	1.75	1.66	2.00	2.00	2.00	1.33	2.33	1.66	1.75	1.5	2.66	2.16



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DEPARTMENT OF GEOGRAPHY

Program	B.A	Batch	2022-23
Academic Year	2022 – 23	Year / Semester	II/IV
Name of the Course	PAPER –V INTRODUCTION TO REMOTE SENSING AND GIS	COURSE CODE	GEO-V

S.NO	Regd No	Internal	External
1.	121140302	21	52
2.	121140303	AB	AB
3.	121140305	24	58
4.	121140306	24	48
5.	121140307	25	57
6.	121140308	20	37
7.	121140309	22	39
8.	121140310	22	38
9.	121140311	23	53
	NO.OF ATTEMPTS	8	8
	SCORE ABOVE 40%	8	8
	ATTAINMENT %	100	100

RUBRICS: ≤ 55% of students crossed 40% of maximum marks: Attainment level 1
56% -69% of students crossed 40% of maximum marks: Attainment level 2
If 70% and above students crossed 40% of maximum marks: Attainment level 3

Coordinator

Head of the Department

Principal



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Program	B. A	Batch	2022-2023
Academic Year	2022 -2023	Year / Semester	II / IV
Name of the Course	INTRODUCTION TO REMOTE SENSING AND GIS	Course Code	GEO-V

COURSE OUTCOME (CO) ATTAINMENT – DIRECT:

Course Outcomes	Internal attainment	Fraction of Internal Attainment as per weight age (100%)	Semester-End (External) Exam Attainment	Fraction of External Attainment as per weight age (100%)	Final CO Direct Attainment of the course
		A		B	
CO-1.1	3	0.75	3	2.25	3
CO-1.2	3	0.75	3	2.25	3
CO-1.3	3	0.75	3	2.25	3
CO-1.4	3	0.75	3	2.25	3
CO-1.5	3	0.75	3	2.25	3
CO-1.6	3	0.75	3	2.25	3

Overall Course Outcomes (CO) Direct Attainment:

Course Outcomes	CO Direct Attainment	CO Indirect Attainment	Overall CO (Final) Attainment
	DA	IA	OA=((0.8XDA)+(0.2XIA))
CO-1.1	3	2.0	2.8
CO-1.2	3	1.9	2.78
CO-1.3	3	2.1	2.82
CO-1.4	3	2.2	2.84
CO-1.5	3	2.1	2.82
CO-1.6	3	1.8	2.76
Average:			2.80
Target			
Status (Achieved(Yes/No))			

Coordinator

Head of the Department

Principal



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DEPARTMENT OF GEOGRAPHY

COURSE OUTCOMES

Course Name : PAPER -VI ENVIRONMENTAL GEOGRAPHY	GEO-VI	CourseYear:	2023-2024
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By the end of the course the student will be able to

Course Name	Statements	Taxonomy
CO-1.1	Describe the differences between biotic and abiotic factors and their roles in environmental systems.	Understand
CO1.2	Apply knowledge of ecosystem structure and functions to analyze specific ecosystems and their processes.	Apply
CO-1.3	Describe how water and air pollution affect ecosystems and human health.	Understand
CO-1.4	Analyze the causes and consequences of environmental problems in different ecosystems and evaluate their impacts on biodiversity and ecosystem services.	Analyze
CO1.5	Summarize the ecological importance and unique characteristics of the East Kolkata Wetlands.	Understand
CO1.6	Apply the provisions of the Wildlife Act of India 1972 and the Water Pollution Control Act of India 1974 to case studies involving wildlife protection and water pollution control.	Apply



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DEPARTMENT OF GEOGRAPHY

1. Course Name: PAPER-VI , ENVIRONMENTAL GEOGRAPHY

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
PHY-1.1	3	2	-	2	-	-	2	2	2	-	2	3	2
PHY-1.2	3	3	-	2	-	2	1	2	-	-	1	2	1
PHY-1.3	3	-	3	2	2	-	2	3	1	-	1	3	2
PHY-1.4	3	2	-	2	-	2	-	2	-	2	2	2	1
PHY-1.5	3	-	2	-	1	2	-	-	2	1	2	3	2
PHY-1.6	3	2	-	-	-	-	-	3	-	2	1	3	2
AVERAGE	3.00	2.25	2.50	2.00	1.00	2.00	1.66	2.40	1.66	1.66	1.5	2.66	1.66



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Program	B. A	Batch	2022-2023
Academic Year	2022 -2023	Year / Semester	II I/ V
Name of the Course	PAPER –VI ENVORONMENTAL GEOGRAPHY	Course Code	GEO-VI

COURSE OUTCOME (CO) ATTAINMENT – DIRECT:

Course Outcomes	Internal attainment	Fraction of Internal Attainment as per weight age (100%)	Semester-End (External) Exam Attainment	Fraction of External Attainment as per weight age (100%)	Final CO Direct Attainment of the course
		A		B	A+B
CO-1.1	3	0.75	3	2.25	3
CO-1.2	3	0.75	3	2.25	3
CO-1.3	3	0.75	3	2.25	3
CO-1.4	3	0.75	3	2.25	3
CO-1.5	3	0.75	3	2.25	3
CO-1.6	3	0.75	3	2.25	3

Overall Course Outcomes (CO) Direct Attainment:

Course Outcomes	CO Direct Attainment	CO Indirect Attainment	Overall CO (Final) Attainment
	DA	IA	$OA = ((0.8 \times DA) + (0.2 \times IA))$
CO-1.1	3	2.0	2.8
CO-1.2	3	1.9	2.78
CO-1.3	3	2.1	2.82
CO-1.4	3	2.2	2.84
CO-1.5	3	2.1	2.82
CO-1.6	3	1.8	2.76
Average:			2.80
Target			
Status (Achieved(Yes/No))			

Coordinator

Head of the Department

Principal



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DEPARTMENT OF GEOGRAPHY

ALL COURSE OUTCOMES

Course Name : PAPER -VII DISASTER MANAGEMENT	GEO-VII	CourseYear:	2023-2024
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By the end of the course the student will be able to

Course Name	Statements	Taxonomy
CO-1.1	Summarize the causes and effects of different man-made disasters, including their impact on human health and the environment.	Understand
CO1.2	Use understanding of disaster causes and effects to propose measures for disaster preparedness and risk reduction.	Apply
CO-1.3	Explain the concept of risk and describe the process of risk analysis, including its purpose and methods.	Understand
CO-1.4	Describe the elements of a disaster preparedness plan, including prediction, early warnings, and safety measures.	Understand
CO1.5	Apply the roles of various stakeholders, including government, NGOs, and engineers, to design a collaborative disaster response strategy.	Apply
CO1.6	Explain the concept of disaster response and its importance in the overall disaster management framework.	Understand



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DEPARTMENT OF GEOGRAPHY

Course Name: **PAPER-VII ,DISASTER MANAGEMENT**

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO-1.1	3	2	-	2	-	-	2	2	2	-	2	3	2
CO-1.2	3	3	-	2	-	2	1	2	-	-	1	2	1
CO-1.3	3	-	3	2	2	-	2	3	1	-	1	3	2
CO-1.4	3	2	-	2	-	2	-	2	-	2	2	2	1
CO-1.5	3	-	2	-	1	2	-	-	2	1	2	3	2
CO-1.6	3	2	-	-	-	-	-	3	-	2	1	3	2
AVERAGE	3.00	2.25	2.50	2.00	1.00	2.00	1.66	2.40	1.66	1.66	1.5	2.66	1.66



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DEPARTMENT OF GEOGRAPHY

Program	B. A	Batch	2021-2022
Academic Year	2023 -2024	Year / Semester	III / V
Name of the Course	PAPER – DISASTER MANAGEMENT	Course Code	GEO-VII

COURSE OUTCOME (CO) ATTAINMENT – DIRECT:

Course Outcomes	Internal attainment	Fraction of Internal Attainment as per weight age (100%)	Semester-End (External) Exam Attainment	Fraction of External Attainment as per weight age (100%)	Final CO Direct Attainment of the course
		A		B	
CO-1.1	3	0.75	3	2.25	3
CO-1.2	3	0.75	3	2.25	3
CO-1.3	3	0.75	3	2.25	3
CO-1.4	3	0.75	3	2.25	3
CO-1.5	3	0.75	3	2.25	3
CO-1.6	3	0.75	3	2.25	3

Overall Course Outcomes (CO) Direct Attainment:

Course Outcomes	CO Direct Attainment	CO Indirect Attainment	Overall CO (Final) Attainment
	DA	IA	OA = ((0.8XDA) + (0.2XIA))
CO-1.1	3	2.0	2.8
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CO-1.4	3	2.2	2.84
CO-1.5	3	2.1	2.82
CO-1.6	3	1.8	2.76
Average:			2.80
Target			
Status (Achieved(Yes/No))			

Coordinator

Head of the Department

PRINCIPAL