



MUGBERIA GANGADHAR MAHAVIDYALAYA

P.O.—BHUPATINAGAR, Dist.—PURBA MEDINIPUR, PIN.—721425, WEST BENGAL, INDIA

NAAC Re-Accredited B+Level Govt. aided College

CPE (Under UGC XII Plan) & NCTE Approved Institutions

DBT Star College Scheme Award Recipient

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DEPARTMENT OF GEOGRAPHY

SESSION 2018-19

PROGRAM OUTCOMES:

After successful completion of three year degree program in B.Sc. Geography, a student should be able to acquire

PO1: Knowledge: Students will have a general understanding of physical geographic processes, the global distribution of landforms and ecosystems, and the role of the physical environment on human populations. Also, knowledge will develop regarding various theoretical and methodological approaches in both physical and human geography and be able to develop research questions and critically analyze both qualitative and quantitative data to answer those questions.

PO2 – Rational understanding and sustainable actions: Students will be able to think in rational terms to explain what has occurred in the past as well as using geographic principles to understand the present and plan for the future. They will be able to think about the various processes occurring on the earth in a more scientific way and sustainable way to restore the various resources of the earth for future use.

PO3- Team work and experiential learning: Students will be able to function collaboratively and efficiently thereby keeping their individual skill intact through field trips and other practical works. Also, the students will be aware of the interconnection between people and places and have a general comprehension of how variations in culture and personal experiences may affect our perception and management of places and regions.

PO4: Interdisciplinary Knowledge: Students will develop an interdisciplinary approach to assemble academic enquiry about spatial perspectives and cultural process at the same time. This will enable them to build a distinct interdisciplinary pathway wherein they can analyse, ascertain and portray the mosaics of man- environment relation.

PO5: Critical thinking: Graduates will identify and critically analyze patterns of human-environment perception, distribution and use of spaces in context o human. The study of past determinants and future predictions help the students to develop a critical understanding of the various environmental problems and act eventually.

PO6: Applicability and Employability: After the completion of the program, students will have professional competencies through the use of software, field work and other analytical methods along with deep skill of reasoning to help them in the application of their knowledge and provide them with employment to serve the society with a mind which is scientific yet thoughtful.

PROGRAM SPECIFIC OUTCOME

On Completion of the B.Sc. (Geography), Students are able to:

1. Work as a teacher in schools, high schools and colleges.
2. Serve as conservator in forest, Soil, Agricultural departments.
3. Work in disaster and water resource management centres.
4. Serve in cartographer in map making divisions of Government.
5. Work in NGOs.
6. Can Prepare for Competitive exams.
7. Can work as planner (urban, rural) in several governmental offices

COURSE OUTCOME : DEPARTMENT OF GEOGRAPHY

Course 1: Geotectonics and Geomorphology

To have an introductory knowledge about the Earth, its age, processes operating, the various features associated with it and its outcome. The objective is to assist in the knowledge of the Earth as the home of man. This encompasses the basic definition of the subject matter of

Geography as a Physical Science. The course also explains the basic of structural geology, both micro- and macro level, how they develop, analysis techniques, interpretation of structures with respect to tectonic processes. It aims at unravelling the deformational history of the rocks.

- Outcome: After the completion of the course, the students have a basic knowledge of the subject and a full concept of the Earth's variable landforms. They can describe the nature and principles of plate tectonics and related crustal deformation along with the principle methods of isotopic geochronology.

Course 2: Hydrology and Oceanography

The course deals with the fundamental concept on ground water and ocean.

- Outcome: After the completion of the course, the students will acquire knowledge about the following:
 - Hydrological cycle
 - Ground water
 - Ocean water properties and bottom relief features
 - Ocean deposits

Course 3: Economic, Social and Cultural Geography

Outcome :

Students will be able to –

- Understand the approaches and different concepts of economic geography.
- Develop an idea about the concept of economic activity, gain knowledge on different types of economic activities and their utilities.
- Get an idea on factors affecting location of economic activities.

Course 4: Political Geography

Outcome :

Students will be able to –

- Understand the various terms related to geopolitics
- The understanding of the various geostrategic importance of India

Course 5: Climatology, Soil Geography and Bio Geography

Outcome :

Students will be able to –

- Acquire knowledge on global warming, ozone layer and atmospheric classification.

- Understand the nature, composition and structure of atmosphere.
- Develop knowledge on different atmospheric phenomena and their distribution. Get an idea on how atmospheric moisture works.
- Learn the concept of soil Geography.
- Understand the concept of Biogeography.

Course 6: Geographical Thought and Geography of India

Outcome :

Students will be able to –

- Perceive the evolution of the philosophy of geography.
- Understand the geographical thinking in different regions of world.
- Get an idea on the basic theme, ideas, dichotomies, trends and approaches of geographical knowledge.
- Critically evaluate the nature of geography as spatial science with changing space and time
- The knowledge on physical division and characteristics & classification of Climate, soil and vegetation
- The concept of Distribution, growth, structure of population and to learn population policy
- The concept of regionalization of West Bengal & India also.
- The indigenous knowledge & culture about tribes.
- The developing the knowledge on agriculture and distribution of different resources.
- The application of the technological knowledge.

Course 7: Applied & Analytical Geographical Techniques (Scale, Geological Map, Map Projection Survey, Rocks and Mineral Identification)

Outcome :

Acquire knowledge about :

- Map projection.
- Identification of physical and cultural properties of a topographical map
- Get an idea of field experience with the surveying instruments
- Understand the preparation of various cartograms and thematic maps with the application of various techniques
- Understanding cartographic symbols: Dots, Choropleth, Isopleth and Flow Diagrams.

Course 8: Remote Sensing and GIS, Population Geography Settlement and Regional Planning

Outcome :

Students will able to-

- Know the Principles of Remote Sensing and GIS.
- Acquire the knowledge how to prepare the false colour composite.
- Differentiate the natural and false colour composite image
- Students will acquire knowledge (through software) on different statistical methods using univariate data
- The Development of Population Geography as a field of specialization.
- The basic concept of population distribution, density, composition and Growth.
- The Migration type and cause of population.
- What is the population policy and how to apply to their personal life and as a whole.
- Different types of regions and principles and needs of regional planning
- Concepts and parameters and variation of development
- Models of eminent scholars on regional development
- Causes of underdevelopment and need of balanced development.

Course 9: Cartographic Techniques in Geography [Topographical Map, Analysis of Climatic Data and Maps, Laboratory Works (Barometer, Soil texture and pH) and Survey Schedule, Cartograms.

Outcome :

- Identification of physical and cultural properties of a topographical map.
- To learn about the various attributes of weather map
- To understand the working of Barometer
- To understand the applicability of soil texture and to measure soil pH by himself

- To able to prepare questionnaire schedule and prepare the pre field report
- To understand various forms of Cartograms.

Course 10: Modern Geographical Techniques, Field Report

Outcome :

The students are taken to a rural or urban municipal area, to perform their survey work that involve:

1. Land-use survey of a village
2. Socio Economic Survey of a Rural Mouja or a Panchayat Area.
3. Survey of a Market/Weekly market
3. Survey of Civic Amenities in an area.
4. Survey of Landforms of an area.

Outcome: The student, after the field trip learns the processes involved in socio-economic survey of an area to study its various aspects:

A. Field And Its Purpose: 1. Role of Fieldwork in Geography.

2. Aim and Formulation of Hypothesis

3. The Different Approaches to Fieldwork.

B. Design and Methodology of Field Work: 1. Design: Importance, Components and Types.

2. Selection of samples and sample size.

3. Formulation of Questionnaires and Schedules; Field Sketches etc.

C. Collection of Information: 1. Methods of administering the questionnaires and survey schedule

2. Identification of samples; (c) Use of Field Sketches

3. Precautions in collecting the information.

D. Processing and Presentation of Information: 1. Processing of primary data.

2. Presentation of data: tabular and cartographic

CO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	✓	✓			✓		✓					✓	
CO2				✓	✓	✓	✓					✓	✓
CO3	✓	✓	✓	✓			✓		✓	✓	✓	✓	
CO4				✓	✓		✓				✓	✓	
CO5	✓	✓		✓	✓	✓	✓			✓	✓	✓	✓
CO6	✓	✓		✓	✓	✓	✓			✓	✓	✓	✓
CO7	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓
CO8	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓
CO9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

	Mapp ing	Correlati on	Justification
CO1	PO1	HIGH	Students will acquire knowledge about the physical processes operating on the surface of the earth
	PO2	HIGH	Students will have a rational understanding about the past and the future of the Earth along with the occurrences in the present.
	PO5	HIGH	The students will develop a critical understanding of the various environmental problems and will learn to act accordingly
	PSO1	HIGH	Students develop the skill to teach geography in schools and colleges and in various other institutions.
	PSO6	MODER ATE	Students will have the skill to sit for competitive exams
CO2	PO4	HIGH	The students will acquire knowledge about the interrelationship of human with that of his immediate surroundings.

	PO5	MODER ATE	The students will develop a critical understanding of the various environmental problems and will learn to act accordingly
	PO6	MODER ATE	Student will able to identify and formulate the problems of space in a unique way.
	PSO1	HIGH	Students develop the skill to relate various aspects of human geography with that of the world
	PSO6	HIGH	Critical thinking and practical assessment skill develops among students.
	PSO7	LOW	The students will develop skill to work as planner (urban, rural) in several governmental offices
CO3	PO1	HIGH	Students will have the skill to sit for competitive exams
	PO2	MODER ATE	Students will have a rational understanding about the past and the future of the Earth along with the occurrences in the present.
	PO3	HIGH	Students will able to identify problems, solve using constructive reasoning on this course.
	PO4	HIGH	The students learn to focus on local and regional climate and bring out their characteristics that enhance their understanding
	PSO1	HIGH	Students develop the skill to teach geography in schools and colleges and in various other institutions.
	PSO3	MODER ATE	Student realize how to evaluate the problems of this course by figures and models
	PSO4	HIGH	Students learn the concept of space, both physical and human
	PSO5	HIGH	The students learn to manage situations with sustainable effort
	PSO6	MODER ATE	The students learn to focus on overall system and the study is holistic thereby combining the study of climate with that of other branches of science
CO4	PO4	HIGH	Acquire knowledge of questioning and reasoning on ideal, dual spaces,...etc
	PO5	HIGH	The students will develop a critical understanding of the various environmental problems and will learn to act accordingly
	PSO1	MODER ATE	Students develop the skill to teach geography in schools and colleges and in various other institutions.
	PSO5	HIGH	Student learn to identify the problems and analyze to find information correctly in this course.
	PSO6	HIGH	Student will able to identify and formulate the problems of dual spaces, inner product space in a unique way
CO5	PO1	MODER ATE	Students will able to build their interdisciplinary pathway with special focus on problems and their solutions.
	PO2	MODER	Students will have a rational understanding about the past and the future of the Earth along

		ATE	with the occurrences in the present.
	PO4	HIGH	The students learn to focus on local and regional problems thereby trying to look for sustainable solutions
	PO5	HIGH	The students will develop a critical understanding of the various environmental problems and will learn to act accordingly
	PO6	MODERATE	Students will be able to build their interdisciplinary pathway with focus on regional systems
	PSO1	HIGH	Students develop the skill to teach geography in schools and colleges and in various other institutions.
	PSO4	HIGH	The students learn to understand and assess the statistical parameters of population
	PSO5	LOW	The students develop skill to work in various NGOs under demography section
	PSO6	MODERATE	Students develop the skill to teach geography in schools and colleges and in various other institutions.
	PSO7	HIGH	The students develop sound knowledge in Indian geography which in turn will help them in their pursuit for various competitive exams.
CO6	PO1	HIGH	The students will acquire knowledge about various definitions and terms of demographic analysis.
	PO2	MODERATE	Students will have a rational understanding about the past and the future of the Earth along with the occurrences in the present.
	PO4	HIGH	Student able to think in advance topics related to this subject and improve research skill
	PO5	HIGH	The students will develop a critical understanding of the various environmental problems and will learn to act accordingly
	PO6	LOW	Student will be able to identify and formulate the problems of metric space in a unique way
	PSO1	HIGH	Students develop the skill to teach geography in schools and colleges and in various other institutions.
	PSO4	HIGH	Student will be able to analyze complex problem and acquire clear concept to handle those.
	PSO5	HIGH	The students practice skills for various demographic and population problems that help them in working as various NGOs in regional scale.
	PSO6	HIGH	Students learn to assess any situation wisely and promptly that can be reflected in their skill to work in any of the offices that deal with demographic parameters.
PSO7	HIGH	The population attribute helps the students to learn about the aspects, definitions and terminology of population and geography together that helps them to correlate the two subjects to qualify in competitive exams.	
CO7	PO1	HIGH	The students learn the concepts and conceptual framework about planning in particular.
	PO2	HIGH	Students will have a rational understanding about the past and the future of the settlement along with the occurrences in the present.

	PO3	HIGH	Origin and development of settlement pattern and their growth helps in the study of settlement geography
	PO4	HIGH	Student able to think in advance topics related this subject and improve research skill
	PO5	HIGH	The students will develop a critical understanding of the various environmental problems and will learn to act accordingly
	PO6	HIGH	The application of data in various areas of geography that increases employmentability in many spheres of academic and other developmental disciplines
	PSO1	MODERATE	Students develop the skill to teach geography in schools and colleges and in various other institutions.
	PSO3	HIGH	Student realize how to evaluate the problems of this course by figures and models
	PSO5	HIGH	The students will develop a critical understanding of the various environmental problems and will learn to act accordingly
	PSO6	HIGH	Students learn to assess any situation wisely and promptly that can be reflected in their skill to work in any planning offices that deal with human settlements and the BLROs
	PSO7	HIGH	The study of human settlements helps the students to learn about the aspects, definitions and terminology of population and geography together that helps them to correlate the two subjects to qualify in competitive exams.
CO8	PO1	HIGH	Students make questioning and reasoning to enrich in various levels of planning process
	PO2	MODERATE	Students will have a rational understanding about the past and the future of the regional problems that help them to prevent their occurrences in the present.
	PO3	HIGH	To let them realize the various challenges of planning and help them with their
	PO4	LOW	The students learn the interdisciplinary approach in regional planning procedure.
	PO5	HIGH	The students will develop a critical understanding of the various environmental problems in regional scale and will learn to act accordingly
	PO6	HIGH	The application of satellite data and remote sensing technology helps the students in their pursuit of employment in many spheres of academic and other developmental disciplines.
	PSO1	MODERATE	Students develop the skill to teach geography in schools and colleges and in various other institutions.
	PSO3	HIGH	Students will be able to use research methods for this specified courses
	PSO5	HIGH	Students will able to think critical problems related to multilevel planning
	PSO6	HIGH	Student realize to evaluate the problem of this course by mathematical& statistical method
	PSO7	HIGH	Obtain clear concept on Simulation, sensitivity analysis etc.
CO9	PO1	HIGH	Students make questioning and reasoning to enrich in subject of this course.
	PO2	MODERATE	Students will have a rational understanding about the past and the future of the Earth along with the occurrences in the present.

	PO3	HIGH	The students will develop critical and rational understanding in developing the technology of remote sensing in present time
	PO4	MODERATE	The students promote interdisciplinary knowledge and help to research into new modes of interdisciplinary or transdisciplinary works with the aid of this technique
	PO5	HIGH	The students will develop a critical understanding of the various environmental problems and will learn to act accordingly
	PO6	HIGH	The application of satellite data and remote sensing technology helps the students in their pursuit of employment in many spheres of academic and other developmental disciplines.
	PSO1	MODERATE	Students develop the skill to teach geography in schools and colleges and in various other institutions.
	PSO2	HIGH	The students develop a comparison between past and present situations on earth.
	PSO3	MODERATE	The students learn the importance of specialization and team work in collection of remote sensing data.
	PSO4	LOW	Student able to think in advance topics related this subject and improve research skill
	PSO5	HIGH	The students will develop a critical understanding of the various environmental problems and will learn to act accordingly
	PSO6	HIGH	Student will able to identify and formulate the problems of FCC in a unique way. And help them in working for any survey offices that rely on remote sensing technologies.
	PSO7	HIGH	The focus of the student is improved that let them to excel in competitive exams.
CO10	PO1	HIGH	The students can have a complete understanding about both the qualitative and quantitative data and actions taking place on the surface of the earth.
	PO2	HIGH	Students will have a rational understanding about the past and the future of the Earth along with the occurrences in the present.
	PO3	HIGH	The students will learn to act as a team and will learn about the various activities taking place on the earth with the variation of places.
	PO4	HIGH	The students will learn about the various interdisciplinary approach to assemble the spatial and cultural attributes
	PO5	HIGH	The students will develop a critical understanding of the various environmental problems and will learn to act accordingly
	PO6	HIGH	Students will have professional competencies by the use of software, fieldwork and other analytical method.
	PSO1	HIGH	Students develop the skill to teach geography in schools and colleges and in various other institutions.
	PSO2	HIGH	Students can work as forest conservator and as government forest advisor
	PSO3	HIGH	Students will develop competencies about various disaster centres and can work at disaster management personnels
	PSO4	MODERATE	Students can have profound knowledge about maps and hence can work at NATMO office

		ATE	or Geographical surveying organizations.
	PSO5	HIGH	The students will learn to assess any situation with practical capability that would enhance their skill in the society
	PSO6	HIGH	Students learn to assess any situation wisely and promptly that can be reflected in their skill to work in any planning offices
	PSO7	HIGH	The focus of the student is improved that let them to excel in competitive exams.

JUSTIFICATION MATRIX OF CO WITH PO & PSO (High: 3, Medium: 2, Low: 1)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	3			3			3				3	3
CO2													
CO3	3	3			3			2		1		3	
CO4	3	3	2			3		3		2			
CO5	3	3	3					2	3		3		
CO6	3		3	2				3		1	3		
CO7	3	3		2			3		3		3		
CO8	3	3			3			2	3				3
CO9	3	3				3	3	3				3	
CO10	3	3			2	1			3		3		
Target	3	3	2.6	2.3	2.6	2.3	3	2.5	3	1.3	2.8	3	3

DEPARTMENT OF GEOGRAPHY

Attainment of Course & Programme Outcomes

Regulation procedure of assessment under CBCS system (followed by Vidyasagar University) and 3 tier system:

CBCS:

http://www.vidyasagar.ac.in/Downloads/ShowPdf.aspx?file=/policies_regulations/UG_CB_CS_Regulations_18082021.pdf

3TIER SYSTEM:

https://www.vidyasagar.ac.in/Downloads/ShowPdf.aspx?file=/UG_Syllabus/geography.pdf

In the Outcome Based Education (OBE), assessment is done through one or more than one processes, carried out by the department, that identify, collect, and prepare data to evaluate the achievement of course outcomes (CO's).

The process for finding the attainment of Course outcomes uses various tools/methods. These methods are classified into two types: **Direct and Indirect methods.**

Direct methods display the student's knowledge and skills from their performance in the class/assignment test, internal assessment tests, assignments, semester examinations, seminars, projects, etc. These methods provide a sampling of what students know and/or can do and provide strong evidence of student learning.

Indirect methods such as course exit survey and examiner feedback to reflect on student's learning. They are used to assess opinions or thoughts about the graduate's knowledge or skills.

Following tables show the various methods used in assessment process that periodically documents and demonstrates the degree to which the Course Outcomes are attained. They include information on:

- a) Listing and description of the assessment processes used to gather the data, and
- b) The frequency with which these assessment processes are carried out.

Sr. No.	Direct Assessment Method	Assessment frequency	Description
1.	Internal Assessment Test	Twice in a Semester	The Internal Assessment marks in a theory paper shall be based on two tests generally conducted at the end of 6 th and 11 th weeks of each semester. It is a metric used to continuously assess the attainment of course outcomes w.r.t course objectives. Average marks of two tests shall be the Internal Assessment Marks for the relevant course.
2.	Social Experiments	Frequently done in each Semester	Experiment is a qualitative performance assessment tool designed to assess students' practical knowledge and problem solving skills

			in society.
3.	End Semester Examination	Once in a Semester	End Semester examination (theory or projects) are the metric to assess whether all the course outcomes are attained or not framed by the course in charge. End Semester Examination is more focused on attainment of all course outcomes and uses analytical questions.
4 .	Home Assignments	Frequently taken in a Semester	Assignment is a metric used to assess student's analytical and problem solving abilities. Every student is assigned with course related tasks & assessment will be done based on their performance. Grades are assigned depending on their innovation in solving/deriving the problems.
5.	Class / Assignment Test	Twice in a Semester	It is a metric used to continuously assess the student's understanding capabilities.
6.	Presentations	As per the requirement	Presentation is the metric used to assess student's communication and presentation skills along with depth of the subject knowledge. Seminars topics are given to the students that cover topics of current interest or provide in-depth coverage of selected topics from the core courses.
7.	Class Attendance	As Per Vidyasagar University Guideline.	Total 5 Marks allotted for every Course / SEC/ DSE/AECC or others. The marks obtained of every course from Class Attendance by the students is following manner. <ol style="list-style-type: none"> 1. 05 Marks if he/ she attained greater than or equal to 95%. 2. 04 Marks if he/ she attained greater than or equal to 90%. 3. 03 Marks if he/ she attained greater than or equal to 85%. 4. 02 Marks if he/ she attained greater than or equal to 80%. 5. 01 Marks if he/ she attained greater than or equal to 75%.

DIRECT ASSESSMENT:

1. Internal Assessment Test

Sr. No.	Indirect Assessment Method	Assessment frequency	Method Description
1	Course Exit Survey / Students Feedback Survey	End of Semester	Collect variety of information about course outcomes from the students after learning entire course.

The weightage given for various assessment tools used for the attainment of Course Outcomes are shown in table 3.

Table 3: List of Course Assessment tools

Assessment Tools	Direct	Internal Tools	Tools	Frequency	Weightage
			Assignment or Class Test	Frequently taken in a semester	10/75, 05/50
			Internal Assessment	Twice in a semester	
			Home Assignments	Frequently given.	
			MOCK Test or Surprise Test	Frequently done.	
			MCQ		
			Seminar/Presentations		
		External Tools	End Semester Examination	Once in a semester	60/75(Theory paper), 40/50(Theory paper), 40/75(Practical Paper)
		Class Attendance	Counted after completion the End Semester classes.	Once in a semester	Total 5 Marks allotted for every Course / SEC/ DSE/AECC or others. The marks obtained of every course from Class Attendance by the students is following manner. 05 Marks if he/ she attained greater than or equal to 85%. 04 Marks if he/ she attained greater than or equal to 70%. 03 Marks if he/ she

					<p>attained greater than or equal to 55%.02 Marks if he/ she attained greater than or equal to 40%. 01 Marks if he/ she attained greater than or equal to 75%.</p>
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DIRECT METHOD

Academic Session: 2021-2022

Semester VI

Programme Name: B. Sc. HONS GEOGRAPHY

ATTAINMENT LEVELS

Target Level	Level Description Marks student scoring	
1	Below 40%	50 → indicates % and above in the questions in Internal and External tests
2	Below 40%-49%	
3	50% & about	

B.Sc. Hons Internal

Sem VI

Session 2018-19

Paper- VI

(Population Geography, Settlement geography, Regional Planning and Remote Sensing and GIS)

Internal marks

Sl. No.	Name	Roll	Internal marks	
			1st	2nd
1	Tanmoy Giri	539	8	10
2	Piyasa Maity	540	7	10
3	Arijit Malakar	541	6	9
4	Subhashish Mondal	542	9	10
5	Supriti Giri	550	9	10
6	Subhendu Mondal	551	9	10
7	Amit Paria	553	8	10
8	Surajit Samanta	554	7	9
9	Monishankar Bera	555	6	10
10	Sweta Rani Das	557	9	9
11	Poulami Roy Chowdhury	558	8	10
12	Soma Panda	559	5	10
13	Sushmita Ghorai	560	7	10
14	Subhadip Burman	563	9	10
15	Monami Barik	564	7	10

16	Ananya Bhunia	565	9	10
17	Dipankar Santra	571	6	9
18	Biswajit Nanda	572	9	10
19	Pradip Kumar Pradhan	576	5	8
20	Kartick Chandra Khatua	577	8	9
21	Sujit Kumar Khatua	578	6	9
22	Biswajit Pramanik	580	8	9
23	Srilekha Mishra	581	6	10
24	Priyanka Khatua	583	8	9
25	Moumita Panigrahi	585	9	10
26	Madhusree Maity	587	9	10
27	Prabhas Bera	588	8	10
28	Tanusree Samanta	590	9	10
29	Manidipa Jana	591	7	10
30	Gurupada Sahoo	549	7	9
31	Santu Maity	567	5	9
32	Anupam Maity	566	9	10
33	Subrata Karan	548	5	9

PO & PSO ATTAINMENT

INDIRECT METHOD

Academic Session: 2018-2019

Programme Name: B.Sc. HONS GEOGRAPHY

EXIT FORM SURVEY IS CONDUCTED THROUGH QUESTIONNAIRE METHODS. OUT OF 10 QUESTIONS, FIRST 7 OF THEM RELATE DIRECTLY TO THE POs & THE LAST 3 QUESTIONS RELATE TO THE PSOs. A SAMPLE FORM IS GIVEN BELOW:

Mugberia Gangadhar Mahavidyalaya

Annexure-I Student feedback about curriculum

Course : B.Sc. Geography (H) 2019
Year / Semester : 2nd Year

Direction : For each item, indicate your opinion choosing a score from 1 to 5 with 5 being excellent and 1 being poor.

Course Content		1	2	3	4	5
1)	Content of course is based on industry needs and demands			✓		
2)	Employability is given weightage in curriculum design and development			✓		
3)	Content of courses are suitable for NET/GATE/JAM/SET Examinations				✓	
4)	Course has good balance between theory and practical application					✓
5)	The practical's / lab experiments enhanced understanding of concepts of theory					✓
6)	Course content enhances technical skills to face the industry			✓		
7)	The curriculum is update time to time		✓			
8)	The Courses is competent in Global Education System				✓	
9)	The courses help to attain your's higher study					✓
10)	Rate the Course content stimulate student interest in the subject area					✓

Any particular topic you would like to be taught- NO

Any particular topic which you feel is obsolete and should not be taught- Topasheet

RATING AND RELATION OF POs AND PSOs WITH QUESTIONNAIRE

Average Rating (Excellent- 4, Good-3, Average-2, Poor-1) Target level: 3

Questions	Average Rating (Out of 20 Students)
1. Did you acquire sound & sufficient knowledge of the courses taught?	3.5
2. Rate your skill development in terms of critical thinking & reasoning offered in the courses?	3.2
3. How much are the courses offered to you suggesting an interdisciplinary approach?	3.5
4. Rate the courses as per their communication skill and attitude	3.3
5. Did the courses help in developing self directed learning?	2.9
6. Rate the courses in terms of their updation with recent developments.	2.2
7. Rate the courses in terms of their experimental learning and employability option?	3.9
8. Rate the courses in terms of their environmental awareness and relevance to sustainable measures?	4.0
9. Rate the courses in terms of developing research oriented skill	3.8
10. How far the courses are relevant in terms of job opportunities and research/further studies?	3.9