



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 ECONOMICS, MUGBERIA GANGADHAR MAHAVIDYALAYA, MUGBERIA 721425

PROGRAMME OUTCOME (PO), COURSE OUTCOME (CO) AND PROGRAMMESPECIFIC OUTCOME (PSO) FOR END SEMESTER STUDENTS UNDERGRADUATE COURSE: 2020-2021

Programme Name: B. SC. HONS(ECONOMICS)

PROGRAMME OUTCOMES:

PO1: Disciplinary Knowledge : To acquire comprehensive and sufficient knowledge of understanding in Economics.

PO2: Critical Reasoning & Problem Analysis: To acquire the ability of deep study and then critically to think and analyse the subject of economics in its different areas.

PO3: Develop Interdisciplinary Knowledge: To enable students in developing an effective approach to Interdisciplinary study and enable them to build their own interdisciplinary pathway by choosing courses which makes sense to them.

PO4: Communication skill and attitudes: Excellent communication of economics in geometrical realization, documentation, make effective presentation to develop other branches of sciences, to think existing open programme in economics.

PO5: Self- Directed Learning: Ability to work independently, study the subjects in its depth and apply thoughts for solving the problems in various field .

PO6: Experimental learning and Employability options: Students are able to identify problems, use constructive reasoning to make viable arguments, and applying economics in real-life problems Also they will be able to find job in different sectors of economics and economics related subjects.

PO7: Develop Research Related Skill: Capability of thinking the various field of Economics, advances in those fields and clear concept about them so that appropriate questions are formed on related fields.

PROGRAMME SPECIFIC OUTCOME:

PSO1: Thinking every topics in a critical manner.

PSO2: When there arise situation to provide information about any problem students are able to identify it, locate, evaluate and use the information effectively.

PSO3: Realize, evaluate, formulate different quantitative models arising in social science, business and other fields.

PSO4: Apply economical, mathematical and logical argument to develop and formulate every problem in a unique way.

PSO5: Acquire clear concept and knowledge to understand every problem and use mathematical and statistical method by the students through the course.

PSO6: Aware about the responsibility to become a citizen of the society and promise to scatter the scope of acquire knowledge.

Programme Specific Outcome

1 To build a strong foundation of knowledge in different areas of Economics and its allied areas.

2 To develop strong student skills in simulation, data analysis, and interpretation.

3 To prepare the students to successfully compete for employment in Economics, industries, research methods, data analysis, etc.

4 Apply knowledge and skill in the field of Economics, research, statistics, mathematics and will be able to have the employability in these areas.

5 To integrate knowledge, skill and attitude that will sustain an environment of learning and creativity among the prospective students

6 Demonstrate leadership, teamwork, social skills and communicate effectively with different stakeholders in the society.

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DEPARTMENT OF ECONOMICS

Course Outcomes (CO) for Economics. (Hons) Students: 2021-2022

Course Code Course Name Course Outcome

ECOHCC01 Microeconomics

This course is designed to expose the students to the basic Principles of microeconomic theory. The emphasis will be on thinking like an economist and the course will illustrate how microeconomic concepts can be applied to analyze real life situations.

ECOHCC02 Mathematical Methods for Economics-I

This is the first of a compulsory two- course sequence. The objective of this sequence is to transmit the body of basic mathematics that enables the study of economic theory at the undergraduate level, specifically the courses on microeconomic theory, macroeconomic theory, statistics and econometrics set out in this syllabus.

ECOHCC03 : Macroeconomics

This course aims to introduce the students to the basic concepts of Macroeconomics. Macroeconomics deals with the aggregate economy. This course discusses the preliminary concepts associated with the determination and measurement of aggregate macroeconomic variable like savings, investment, GDP, money, inflation, and the balance of payments.

ECOHCC04 : Mathematical Methods for Economics-II

This course is the second part of a compulsory two-course sequence. This part is to be taught in Semester II following the first part in Semester I. The objective of this sequence is to transmit the body of basic mathematics that enables the study of economic theory at the undergraduate level, specifically the courses on microeconomic theory, macroeconomic theory, statistics and econometrics set out in this Syllabus. In this course, particular economic models are not the ends, but the means for illustrating the method of applying mathematical techniques to economic theory in general.

ECOHCC05: Intermediate Microeconomics-I

The course is designed to provide a sound training in microeconomic theory to formally analyze the behaviour of individual agents. Since students are already familiar with the quantitative techniques in the previous semesters, mathematical tools are used to facilitate understanding of the basic concepts. This course looks at the behaviour of the

consumer and the producer and also covers the behaviour of a competitive firm.

ECOHCC06: Intermediate Macroeconomics-I

This course introduces the students to formal modelling of a macro-economy in terms of analytical tools. It discusses various alternative theories of output and employment determination in a closed economy in the short run as well as medium run, and the role of policy in this context. It also introduces the students to various theoretical issues related to an open economy.

ECOHCC07: Statistical Methods for Economics

This is a course on statistical methods for economics. It begins with some basic concepts and terminology that are fundamental to statistical analysis and inference. It then develops the notion of probability, followed by probability distributions of discrete and continuous random variables and of joint distributions. This is followed by a discussion on sampling techniques used to collect survey data. The course introduces the notion of sampling distributions that act as a bridge between probability theory and statistical inference.

The semester concludes with some topics in statistical inference that include point and interval estimation.

ECOHCC08: Intermediate Microeconomics-II

This course is a sequel to Intermediate Microeconomics I. The emphasis will be on giving conceptual clarity to the student coupled with the use of mathematical tools and reasoning. It covers general equilibrium and welfare, imperfect markets and topics under information economics.

ECOHCC09: Intermediate Macroeconomics-II

This course is a sequel to Intermediate Macroeconomics I. In this course, the students are introduced to the long run dynamic issues like growth and technical progress. It also provides the micro-foundations to the various aggregative concepts used in the previous course.

ECOHCC10: Introductory Econometrics

This course provides a comprehensive introduction to basic econometric concepts and techniques. It covers statistical concepts of hypothesis testing, estimation and diagnostic testing of simple and multiple regression models. The course also covers the consequences of and tests for misspecification of regression models.

ECOHCC11: International Economics

Using appropriate analytical frameworks, this course reviews major trends in economic indicators and policy debates in India in the post-Independence period, with particular emphasis on paradigm shifts and turning points. Given the

rapid changes taking place in India, the reading list will have to be updated annually.

ECOHCC12: Public Economics

This is the first part of a two-part course on economic development. The course begins with a discussion of alternative conceptions of development and their justification. It then proceeds to aggregate models of growth and crossnational comparisons of the growth experience that can help evaluate these models. The axiomatic basis for inequality measurement is used to develop measures of inequality and connections between growth and inequality are explored. The course ends by linking political institutions to growth and inequality by discussing the role of the state in economic development and the informational and incentive problems that affect state governance.

ECOHCC13: Indian Economy

This course examines sector-specific policies and their impact in shaping trends in key economic indicators in India. It highlights major policy debates and evaluates the Indian empirical evidence. Given the rapid changes taking place in the country, the reading list will have to be updated annually.

ECOHCC14: Development Economics

This is the second module of the economic development sequence. It begins with basic demographic concepts and their evolution during the process of development. The structure of markets and contracts is linked to the particular problems of enforcement experienced in poor countries. The governance of communities and organizations is studied and this is then linked to questions of sustainable growth. The course ends with reflections on the role of globalization and increased international dependence on the process of development.

ECOH DSE 01: Economics of Health and Education

The importance of education and health in improving wellbeing is reflected in their inclusion among the Millennium Development Goals adopted by the United Nations member states, which include among other goals, achieving universal primary education, reducing child mortality, improving maternal health and combating diseases. This course provides a microeconomic framework to analyze, among other things, individual choice in the demand for health and education, government intervention and aspects of inequity and discrimination in both sectors. It also gives an overview of health and education in India.

ECOH DSE 02: Money and Financial Markets/Applied Econometrics

Money and Financial Market- This course exposes students to the theory and functioning of the monetary and financial sectors of the economy. It highlights the organization, structure and role of financial markets and institutions. It also discusses interest rates, monetary management and instruments of monetary control. Financial and banking sector reforms and monetary policy with special reference to India

are also covered. Econometrics- The aim of this course is to provide a foundation in applied econometric analysis and develop skills required for empirical research in economics. Topics include specification and selection of regression models, dynamic econometric models, advanced methods in regression analysis and panel data models. Since the emphasis is on application of methods, this course requires understanding of econometric software and computing skills.

ECOH DSE 03 Environmental Economics

This course focuses on economic causes of environmental problems. In particular, economic principles are applied to environmental questions and their management through various economic institutions, economic incentives and other instruments and policies. Economic implications of environmental policy are also addressed as well as valuation of environmental quality, quantification of environmental damages, tools for evaluation of environmental projects such as cost-benefit analysis and environmental impact assessments. Selected topics on international environmental problems are also discussed.

ECOH DSE 04: Project work

SEC-1: Data Analysis

Credits

Unit 1

1.Sources of data, Population census versus sample survey, Random sampling.

2. Frequency distribution and summary Statistics.

Unit 2

Analysis of IndianData : Economic Survey, RBI Bulletin on currency and finance, ASI, DATA, Foreign Trade Statistics,NSS Consumer surveys.

SEC-2:Research Methodology

Credits 02

Unit 1

UnderStanding the nature of research.

Formulating the research topic

Review of Literature

Unit 2

Approaches to research and research and research strategy

Research Ethics

Using Secondary data

Using Primary data- collection data through observation/ interviews/questionnaire

Unit 3

Sample Selection Methods

Analyzing Data

Writing Project Report-Referencing Styles.

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DEPARTMENT ECONOMICS

MAPPING OF CO, PO, PSO

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO-1	✓	✓				✓	✓	✓				✓	
CO-2	✓	✓			✓		✓		✓		✓		
CO-3		✓		✓			✓		✓		✓		
CO-4	✓		✓					✓	✓		✓		
CO-5	✓	✓		✓			✓		✓		✓		✓
CO-6	✓	✓		✓			✓		✓		✓		
CO-7	✓	✓				✓	✓			✓		✓	✓
CO-8		✓	✓			✓		✓		✓			
CO-9	✓	✓			✓			✓		✓		✓	
CO-10	✓	✓			✓			✓	✓				✓
CO-11	✓				✓		✓		✓		✓		
CO-12	✓	✓		✓			✓		✓		✓		
CO-13		✓	✓			✓		✓		✓			
CO-14	✓	✓		✓				✓		✓	✓		

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

	Mapping	Correlation	Justification
CO -1	PO1	HIGH	Acquire knowledge on demand and supply.
	PO2	HIGH	Students make questioning and reasoning to enrich in calculus & its application on mathematical economics.
	PO6	MODERATE	Students able to find their scope of job real life problem learning application of this course
	PO7	HIGH	Students will be able to use research methods for this specified course in differential equation.
	PSO1	HIGH	Students will able to think critical problems related to area and volume of surface of revolution.
	PSO5	HIGH	Students realize to evaluate the problem of this course by classification of quadrics.
CO-2	PO1	HIGH	Obtain clear concept on logic, proof techniques and set theory.
	PO2	HIGH	Students make questioning on logarithmic and polynomial.
	PO5	MODERATE	Students apply the knowledge of convex ,concave, linear function.
	PO7	LOW	Student able to think in advance topics related this subject and improve research skill.
	PSO2	HIGH	Students learn to identify the problems and analyze to find information correctly in this course.
	PSO4	HIGH	Student will able to identify and formulate the problems of Classical Algebra in a unique way.
CO-3	PO1	HIGH	Students acquired sufficient knowledge on national income accounting.
	PO2	HIGH	To understand how to relate other subject with the study of consumption and investment.
	PO4	HIGH	Student learn to communicate with other using concept of different aspect of this course
	PO7	HIGH	Student able to think in advance topics related this subject and improve research skill
	PSO2	HIGH	Students able to analyzed real analysis formulate different formula to solve problems
	PSO4	MODERATE	Student will able to identify and formulate the problems of convergence of series and limit point of different sequence in a unique way.
CO-4	PO1	HIGH	Students learn the concept on Basic Theory of linear systems in normal form, homogeneous linear systems with constant coefficients.
	PO2	HIGH	Acquire knowledge of questioning and reasoning on matrix.
	PO3	HIGH	To understand any interdisciplinary problem from Kuhn-Tucker condition, value function and Envelope Theorem.
	PSO1	MODERATE	Students will able to think critical problems related to this course.
	PSO2	HIGH	Students learn to identify the problems and analyze to find information correctly in this course.
	PSO4	HIGH	Student will able to identify and formulate the problems of Equilibrium points, Interpretation of the phase plane in a unique way.
CO-5	PO1	HIGH	Obtain knowledge on Differentiability of a function at a point and in an interval: ordinal utility, cardinal utility and Revealed preference approach.

	PO2	HIGH	Acquire knowledge about critical reasoning and questioning on concept of Production function , return to factor and return to scale, C-D production function.
	PO4	MODERATE	Student learn to communicate with other using concept of different aspect of this course
	PO7	HIGH	Student able to think in advance topics related this subject and improve research skill
	PSO2	HIGH	Student learn to identify the problems and analyze to find information correctly in this course
	PSO4	LOW	Student will able to identify and formulate the problems of Real Analysis in a unique way
CO-6	PO1	HIGH	Students acquired sufficient knowledge about Simple Keynesian system, Multipliers, equilibrium in both closed and open economy and stability, IS-LM model.
	PO2	HIGH	To understand how to relate other subject with the study of Aggregate Demand and Aggregate Supply, Inflation, Unemployment and Expectations.
	PO4	HIGH	Student learn to communicate with other using concept of different aspect of this course
	PO7	HIGH	Student able to think in advance topics related this subject and improve research skill
	PSO2	HIGH	Students able to solve problems in different problems in group theory.
	PSO4	MODERATE	Student will able to identify and formulate the problems of Classical Theory in a unique way.
CO-7	PO1	HIGH	Acquire knowledge on Presentation of data, Frequency Distribution, Measures of central tendency, Moments, dispersion, Skewness and Kurtosis, correlation and regression.
	PO2	HIGH	Students make questioning on Binomial distribution, Poisson distribution, Normal distribution, Sampling-SRSWR,SRSWOR.
	PO6	MODERATE	Students able to find their scope of job real life problem learning application of this course
	PO7	HIGH	Students will be able to use research methods for this specified courses
	PSO1	HIGH	Students will able to think critical problems related to Price and Quantity Index number.
	PSO5	HIGH	Student realize to evaluate the problem on Maximum Likelihood Method and the method of moments.
CO-8	PO1	HIGH	Students learn the concept on Point wise Consumption Allocation and Pareto Optimality, Edgeworth box and contract curve, PPF, SIC ,Property rights and Coase Theroem.
	PO2	HIGH	Acquire knowledge of questioning and reasoning on Market Structure: Monopoly; price discrimination, multiplant monopoly, Oligopoly, Prisoner's dilemma, Nash equilibrium.
	PO3	HIGH	To understand any problem from Gamma and Beta function, Fourier series.
	PSO1	MODERATE	Students will able to think critical problems related to this course.
	PSO2	HIGH	Students learn to identify the problems and analyze to find information correctly in this course.
	PSO4	HIGH	Student will able to identify and formulate the problems of Nash equilibrium in pure and mixed strategies a unique way.
CO-9	PO1	HIGH	Students will able to obtain vast knowledge on Classical system: Say's law quantity theory ; Friedman's restatement; classical dichotomy and neutrality of money, Keynesian vs classical system.
	PO2	HIGH	Student learn about the Consumption: Keynesion consumption function; Fisher's theory; life cycle and permanent income hypothesis, Dusenberry's relative income hypothesis.

	PO5	HIGH	Students apply the knowledge of differentiability of function of several variable and Vector integration in a different way.
	PSO1	MODERATE	Students will think the topics of vector integration etc. In a critical manner
	PSO3	LOW	Student realize how to evaluate the problem by figures and models
	PSO5	HIGH	Student will able to analyze monetary policy-OMO, bank rate, repo rate, reserve repo rate.

CO-10	PO1	HIGH	Learn about Econometrics; sampling distribution, t and F distribution and their application in testing of hypothesis, Type I error and Type II error.
	PO2	HIGH	Students make questioning and reasoning on Classical Linear Regression Model in specific subject.
	PO5	HIGH	Students apply the knowledge of Multiple classical Linear Regression Model.
	PSO1	MODERATE	Students will able to think critical problems related to this course
	PSO2	HIGH	Student learn to identify the basis and dimension of different subspace problems and analyze to find information correctly in this course.
	PSO6	HIGH	Student will able to create awareness and scope of applying this course
CO-11	PO1	HIGH	Obtain clear concept on basics of trade theory, gains from trade, offer curves, terms of trade, community indifference curve.
	PO2	HIGH	Students make questioning on basis and direction of trade, externalities, production possibility frontier.
	PO5	MODERATE	Students apply the knowledge of International equilibrium, Balance of Payment, terms of trade.
	PO7	LOW	Student able to think in advance topics related this subject and improve research skill
	PSO2	HIGH	Student learn to identify the problems and analyze to find information correctly in this course.
	PSO4	HIGH	Student will able to identify and formulate the problems of partial differential equation in a unique way.
CO-12	PO1	HIGH	Students acquired definition and scope of Public Economics, market failure and Government Intervention, Coase Theorem.
	PO2	HIGH	To understand how to relate other subject with the study Group actions, stabilizers and kernels, permutation representation associated with a given group action. Applications of group actions. Generalized Cayley's theorem. Index theorem.
	PO4	HIGH	Student learn to communicate with other using concept of different aspect of this course
	PO7	HIGH	Student able to think in advance topics related this subject and improve research skill
	PSO2	HIGH	Students able to analyse complex analysis, formulate different formulae to solve problems
	PSO4	MODERATE	Student will able to identify and formulate the problems of Abstract algebra in a unique way.
CO-13	PO1	HIGH	Students acquired sound and sufficient knowledge about basics of economic development,

			planning ,growth of distribution, sustainability.
	PO2	HIGH	To understand how to relate other subject with the study of Indian development.
	PO4	HIGH	Student learn to communicate with other using concept of different aspect of this course
	PO7	HIGH	Student able to think in advance topics related this subject and improve research skill
	PSO2	HIGH	Students able to population trends and human development.
	PSO4	MODERATE	Student will able to identify and formulate the problems malnutrition and health in a unique way.
CO-14	PO1	HIGH	Learn vividly about economic growth and economic development.
	PO2	HIGH	To understand how to evaluate of political and economic institution.
	PO4	MODERATE	Student learn to communicate with other using concept of different aspect of this course
	PSO1	HIGH	Students will able to think critical problems related to this course
	PSO3	LOW	Student realize how to evaluate the problem by figures and models of this course
	PSO4	HIGH	Student will able to identify and formulate the problems of theory space in a unique way

ARTICULATION MATRIX OF CO WITH PO & PSO

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO -1	3	3				3	3	3				3	
CO -2	3	3			2	1			3		3		
CO-3	3	2			2	1			3		2		
CO-4	3	3	3					2	3		3		1
CO-5	3	3					3		3		1		
CO-6	2	3		2			3		3				
CO-7	3	3					2	3		1		3	
CO-8	3	2	3						3		3		
CO-9	3	3			3					2		3	
CO-10	2	3			3				3				3
CO-11	3	3		3			3		2		2		
CO-12	3	2			3			2		1		3	
CO-13	3	3	2			3		3		2			
CO-14	3	3	3					2	3		3		

DEPARTMENT OF ECONOMICS

The following list of students from 2020-2021 Batch have taken admission into HEIs for higher studies:

Name of student enrolling into higher education	Program graduated from	Name of institution joined	Name of programme admitted to
Rajat kanti Maity	Mugberia Gangadhar Mahavidyalaya	RICE	Preparation of competitive examination
Sayan Jana	Mugberia Gangadhar Mahavidyalaya	Yogodha Satsanga Palpara Mahavidyalaya	B.Ed

**DEPARTMENT OF ECONOMICS, MUGBERIA GANGADHAR
MAHAVIDYALAYA, BHUPATINAGAR, PURBA MEDINIPUR-721425**

DEPARTMENT OF ECONOMICS

**Attainment of Course & Programme Outcomes for
the academic year 2021-22.**

http://www.vidyasagar.ac.in/Downloads/ShowPdf.aspx?file=/policies_regulations/UG_CBCS_Regulations_18082021.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 methods 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, laboratory assignments/practicals, mini 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.

Table 1 : Direct Assessment tool used for CO attainment			
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.	Lab Assignments / experiments	Once in a week	Lab Assignment/Experiment is a qualitative performance assessment tool designed to assess students' practical knowledge and problem solving skills. Minimum ten experiments need to be conducted for every lab course.
3.	End Semester Examination	Once in a Semester	End Semester examination (theory or practical) are the metric to assess whether all the course outcomes are attained or not framed by the course incharge. End Semester Examination is more focused on attainment of all course outcomes and uses a descriptive questions.
4.	Practical Semester Examination		
5.	Home Assignments	Twice 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.
6.	Class / Assignment Test	Twice in a Semester	It is a metric used to continuously assess the student understands capabilities.

7.	Preliminary Examination	Once in a semester	Preliminary examination is the metric to assess whether all the course outcomes are attained or not by asking descriptive questions.
8.	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.
9.	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%.

Table 2: Indirect Assessment tool used for CO attainment

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

Table 3: List of Course Assessment tools

			Tools	Frequency	Weightage
			Assignment Tests	Twice in a semester	10/75, 05/50
			Internal Assessment	Twice in a semester	
			Home Assignments	Selected Topic	

Assessment Tools	Direct	Internal Tools			
			MOCK Practicals	Once in a semester	
			MCQ		
			Seminar/Presentations		
			Mini Projects		
			Preliminary Examination		
			End Semester Practical		
		End Semester Field Visit	20/75(Practical Paper Only)		
			Projects	03/75(Field Visit Paper Only)	
			Projects	20/100(Project Report Only)	
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. 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		

					<p>attained greater than or equal to 85%.</p> <p>4. 02 Marks if he/ she attained greater than or equal to 80%.</p> <p>5. 01 Marks if he/ she attained greater than or equal to 75%.</p>
	Indirect	--	Course Exit Survey/ Examiners feedback	Once in a Semester	On Marks Allotted but As Per NAAC / IQAC Guideline

DIRECT METHOD

Academic Session: 2021-2022

Semester VI

Programme Name: B. SC. HONS (ECONOMICS)

ATTAINMENT LEVELS FOR

Result of UG Mathematics (Hon.) Student of the academic year 2021-22		
Name	Roll	CGPA
Rajat kanti Maity	271	CGPA: 9.25
Sayan Jana	272	CGPA: 9.25

Programme Name: B. SC. HONS (ECONOMICS)

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DEPARTMENT OF ECONOMICS

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 (of 2 students)
1. Did you acquire sound & sufficient knowledge of the courses taught?	3.2
2. Rate your skill development in terms of critical thinking & reasoning offered in the courses?	3
3. How much are the courses offered to you suggesting an interdisciplinary approach?	2.8
4. Rate the courses as per their communication skill and attitude	3.8
5. Did the courses help in developing self directed learning?	3.1
6. Rate the courses in terms of their updation with recent developments.	3.5
7. Rate the courses in terms of their experimental learning and employability option?	3.3
8. Rate the courses in terms of their environmental awareness and relevance to sustainable measures?	3
9. Rate the courses in terms of developing research oriented skill	3.2
10. How far the courses are relevant in terms of job opportunities and research/further studies?	3.3

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DEPARTMENT OF ECONOMICS

FINAL ATTAINMENT OF CO, PO&PSO

PROGRAMME NAME: B.Sc. HONOURS IN MATHEMATICS

BATCH

2021-2022

Direct Method: Average COs of all courses

	CO	CO	CO	CO
	17.1,17.2	18.1, 18.2	19.1, 19.2	20.1,20.2,20.3
Direct Attainment	3	3	3	3

In Direct Method, the target level is reached successfully.

Indirect Method: Average of PO & PSO with the questionnaire

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
	1	2	3	4	5	6	7	8	9	10
Indirect Attainment	3.8	3.5	3.8	3.8	3.9	3.5	3.3	3.7	3.8	3.6

In Indirect Method, the target level is reached successfully for POs & PSOs.

The report is prepared by Pratima Bhakta, Barnali Maji, Pranga Paramita Pradhan under the guidance of Dr. Kalipada Maity, HOD, Dept of Mathematics.




Signature of The Principal
Dr Swapan Kumar Misra

Principal
Mugberia Gangadhar Mahavidyalaya

Date: 21.09.2021