



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 COMMERCE

MUGBERIA GANGADHAR MAHAVIDYALAYA, MUGBERIA 721425

**PROGRAMME OUTCOME (PO), COURSE OUTCOME (CO) AND PROGRAMMESPECIFIC OUTCOME (PSO) FOR
END SEMESTER STUDENTS UNDERGRADUATE COURSE: 2018-19**

BACHELOR OF COMMERCE

COs, PSOs and POs Mapping PROGRAMME OUTCOMES (POs)

PROGRAMME OUTCOME (PO)

PO 1	<p>Critical Thinking</p> <p>Learn to incorporate the fundamental principles of science and logic into your decisions, actions, and interventions.</p> <p>Gain the capacity to identify the dominant mindset in some prevailing ideas and use this knowledge to map out a progressive course for actions and interventions.</p> <p>Develop your capacity for self-criticism as well as your capacity for seeing situations, difficulties, and social concerns from a variety of angles.</p>
PO 2	<p>Effective Citizenship</p> <p>By upholding the nation's sovereignty, socialism, secularism, democracy, and republican values, one can learn to take part in nation-building.</p> <p>Take steps to cultivate gender-sensitive attitudes, environmental consciousness, sympathetic social awareness of different forms of marginalization, and the capacity to recognize and oppose different forms of prejudice.</p> <p>Take in some of the major moments from the history of the country and the area particularly of the post-colonialist modernization agenda, the native communities' rebirth, and the liberation movement.</p>
PO 3	<p>Effective Communication</p> <p>Gain proficiency in both English and one modern Indian language in speaking, writing, reading, and listening both in person and through electronic media. Develop your ability to clearly express, critically think about, integrate, and assess concepts and circumstances. Make assumptions and express agreement or disagreement by combining logic and imagination.</p>
PO 4	<p>Interdisciplinary</p> <p>Consider knowledge to be an organic, all-encompassing, connected, and integrated mental ability.</p> <p>Recognize that sustainable development and environmental surroundings are fundamental multidisciplinary topics that affect all academic fields.</p> <p>Develop artistic, humanistic, social and aesthetic senses to solve problems and create a broad viewpoint.</p>
PO 5	<p>Self-Directed and Life-long Learning</p> <p>Learn how to learn on your own and throughout your life in the broader context of socio-technological transformations.</p>
PO 6	<p>Ethics</p> <p>Recognize and comprehend the moral elements, value system, and individual responsibility for the country and society. Show academic accountability as well as intellectual and personal integrity. Respectfully cooperate both individually and in groups with others.</p>

PROGRAMME SPECIFIC OUTCOME (PSO)

PSO 1	Understand and appreciate the concepts and techniques of commerce and its relevant application in suitable business environment.
PSO 2	Conceive the ideas on entrepreneurship and develop the skills for setting up and management of business organizations.
PSO 3	Develop the skills and abilities to become competent and competitive in the business world.
PSO 4	Develop the competency to take wise decisions at personal and professional level.
PSO 5	Appraise the impact of other disciplines on the working of business.
PSO 6	To make the students capable of managing the office activities with the help of information technology.

Course Outcomes (CO)

Paper C1: Business Thoughts, Ethics and Management

CO1A.1	Conceptualize Business and its affairs and understanding its role as an integral part of the society and environment as a large.	PO1,PO2,PO4,PO5 PSO1,PSO2,PSO6
CO1A.2	Understanding the different structures of a business, its evolution, the effect of merging with other business from same line.	PO1,PO5,PSO1 PSO3,PSO4
CO1A.3	Understanding the constitution of public enterprises, their objectives, merits and demerits as well as the need for investment and disinvestment.	PO1, PSO1,PSO3 PSO4
CO1A.4	Understanding the role of ethics in doing business along with standard ethical practices that a business should conform to.	PO1,PO2,PO6,PSO4 PSO5
CO1B.1	Having a basic idea about various types of organizations & Principles of Management.	PO1,PO3,PO5,PO6 PSO3
CO1B.2	To acquaint the students with the principles of management, help in understanding various functions of management and developing management skills.	PO1,PO3,PO5,PO6

Paper C2: Business Laws

CO2.1	Understanding various aspects of Law to deal with real life business transactions as a consumer & seller too if need arises.	PO1,PO2,PO3,PO5 PO6,PSO4
CO2.2	To provide a brief idea about the framework of Indian Business Laws.	PO1,PO2,PO3,PO5 PO6, PSO2
CO2.3	Understanding various aspects of Law to deal with real life business transactions as a consumer & seller too if need arises.	PO1,PO2,PO3,PO5 PO6,PSO1
CO2.4	To provide a brief idea about the framework of Indian Business Laws.	PO1,PO2,PO3,PO5 PO6,PSO4

Paper AH1: Financial Accounting and Accounting Theory

CO3.1	To develop among the students a conceptual understanding of the fundamentals of financial accounting system and to equip them with basic skills for recording various types of business transactions.	PO1,PO5,PO6
CO3.2	To help the students to acquire the conceptual knowledge of Accounting and to help them to learn the techniques of preparing the financial statements.	PO1,PO5,PO6,PSO1 PSO2

Paper AH2: Business Mathematics and Statistics

CO4A.1	Understanding progression (both arithmetic and geometric) along with different forms of equations (i.e. linear, quadratic, equation with different orders and simultaneous equations).	PO1,PO4,PO5,PSO1,PSO3,PSO4
CO4A.2	Understanding logarithmic transformation, surds, indices, the mechanism of permutation and combination, Interest calculations, Matrix algebra and fundamentals of Determinants with Cramer's Rule.	PO1,PO5,PSO1,PSO3,PSO4
CO4B.1	Acquainting the students with basic knowledge of Statistical methods, & Graphical presentation of data analyzed with the help of Tabulation.	PO1,PO2,PO4,PO5 PO6
CO4B.2	Acquaintance of Probability rules and concepts to discrete and continuous random variables to answer questions within a business context.	PO1,PO2,PO4,PO5,PO6,PSO2
CO4B.3	Acquainting the students with basic knowledge of calculus, LPP, OPTIMIZATION methods.	PO1,PO2,PO4,PO5 PO6, PSO3

Paper C3: Entrepreneurship Development and Financing for SME's

CO5.1	Basic Knowledge about Govt. policies related to business and arranging finance for the enterprise.	PO2,PO4,PO5,PO6 PSO2
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Paper C4: Computer Applications in Business

CO6.1	To understand the students MS Word and its components	PO1,PO4,PO6
CO6.2	To know the students about MS-PowerPoint and customize the animations	PO1,PO4,PO6
CO6.3	To understand MS-Excel and its applications, VBA etc.	PO1,PO4,PO6 PSO3
CO6.4	To make the students in Chart creation using and MS Access: Creating a Simple Database and Tables	PO1,PO4,PO6
CO6.5	To understand the Cascading Style Sheets like Introduction, using Styles, simple examples, your own styles	PO1,PO4,PO6 PSO2
CO6.6	To understand JavaScript and understand Objects in JavaScript	PO1,PO4,PO6
CO6.7	To describe data models and schemes in DBMS	PO1,PO4,PO6 PSO6
CO6.8	To use SQL the standard language of relational database	PO1,PO4,PO6, PSO6

Paper C5: Auditing

CO7.1	Understanding the need of Audit, its objectives, scope and relationship with other subjects.	PO1,PO4,PSO1,PSO3 PSO4
CO7.2	How an Audit commences, the program, relevance of an Audit Notebook, Checklists for an auditor and Verification of accounts.	PO1,PO3,PSO1,PSO3 PSO4
CO7.3	Understanding the internal control system and its objectives, relationship with audit (mainly external) and its procedures, audit committee.	PO1,PO3,PSO1,PSO3 PSO4
CO7.4	Understanding the vouchering, and its Importance and General Principles.	PO1,PO4,PO5,PSO1 PSO3,PSO4
CO7.5	Understanding the rights, duties and role of an auditor, Audit of different forms of business (e.g. Sole proprietorship, Partnership firm, Companies, Hospitals, Clubs and Educational institutes), the implication of an Audit report and an Auditors certificate.	PO1,PO2,PO5,PO6 PSO1,PSO3,PSO4 PSO6

Paper AH3: Advanced Financial Accounting (Including Accounting Standards and IFRS)

CO8.1	To make the students familiarize with Corporate accounting procedure and to understand the accounting for Companies as per the Accounting Standards.	PO1,PO2,PO3,PO5 PO6
CO8.2	To help the students to acquire the conceptual knowledge of Corporate Accounting, and to help them to learn the techniques of preparing the financial statements.	PO1,PO2,PO3,PO5 PO6

Paper AH4: Cost Accounting

CO9.1	Basic knowledge of cost concepts and accounting procedure in manufacturing concerns.	PO1,PO2,PO3,PO5 PO6,PSO2
CO9.2	Understand various costing systems and management systems, Analyze and provide recommendations to improve the operations of organizations through the application of Cost and Management accounting techniques.	PO1,PO2,PO3,PO5 PO6,PSO6
CO9.3	Evaluate the costs and benefits of different conventional and contemporary costing systems	PO1,PO2,PO3,PO5 PO6
CO9.4	Differentiate methods of schedule costs as per unit of production , methods of calculating stock consumption and Identify the specifics of different costing methods	PO1,PO2,PO3,PO5 PO6

Paper AH5: Direct and Indirect Taxes

CO10A.1	Knowing changes in rules, regulations from time to time and submit Income tax returns.	PO1,PO2,PO3,PO5 PO6,PSO4
CO10A.2	To give the students the basic idea about the theoretical aspects of income tax in India, and to give an idea about the computation of income under different heads.	PO1,PO2,PO3, PO5,PO6, PSO5
CO10B.1	Enabling the student to understand the importance of Indirect taxes(GST) in India & other countries, it's contribution to speed up the economic development	PO1,PO2,PO3,PO5 PO6,PSO2
CO10B.2	To provide knowledge about goods service tax and create employability to the students in the commercial tax practices.	PO1,PO2,PO3,PO5 PO6
CO10B.3	To understand the procedure for registration, payment and refund of GST	PO1,PO2,PO3,PO5 PO6,PSO1
CO10B.4	To know tax related with movement of goods, appeals, offences and penalties with respect to GST	PO1,PO2,PO3,PO5 PO6

Paper C6: Business Practice and Business Communication

CO11A.1	Understanding the practice of filling different forms, vouchers, returns, preparation of cash books, purchase and sales day books, reconciliation statement of bank balances.	PO1,PO3,PO5,PO6 PSO1,PSO3,PSO4
CO11A.2	Understanding the tax planning for salaried employees, Filing income tax returns for individuals, firms, tax-audit complications, GST registration and filing of returns.	PO1,PO5,PO6,PSO1 PSO3,PSO4
CO11A.3	Understanding vouching, detection of frauds and errors, preparation of audit reports.	PO1,PO5,PO6,PSO1 PSO3,PSO4
CO11B.4	Understanding different forms of communications, the channels, the process and the role of communication in self-development.	PO1,PO3,PO6,PSO2 PSO3
CO11B.5	Understanding the implications of ICT in communications.	PO1,PO3,PO5,PSO2 PSO3,PSO6
CO11B.6	Appreciate the drafting of notice, circular, minutes, resolutions, reports, letter of offer, quotation, order confirmation, its execution, refusal and cancellation of orders.	PO1,PO3,PO5,PSO2 PSO3,PSO4,PSO6

Paper AH6: Indian Financial System

CO12.1	Knowledge of Service organizations, banking & insurance companies accounting procedure helps the student in their job	PO1,PO2,PO4,PO5 PO6
CO12.2	To gain the students to Practice the Accounting procedure in Different Service Organizations.	PO1,PO2,PO4,PO5 PO6,PSO6
CO12.3	To know the types of Insurance Companies and the accounting procedures in Insurance Companies.	PO1,PO2,PO4,PO5

		PO6
CO12.4	To provide to the students an understanding of the fundamentals of banking and impart basic knowledge of modern banking practice	PO1,PO2,PO4,PO5
CO12.5	To read central bank policy documents and evaluate the immediate impacts of central bank policy changes on financial markets	PO1,PO2,PO3,PO4 PSO3
CO12.6	Analyze and describe the long-term and short-term social goals of central bank policy makers and scrutinize commercial bank balance sheets and evaluate profitability and systemic financial stability.	PO1,PO2,PO3,PO4 PSO2

Paper AH7: Financial Management and Management Accounting

CO13A.1	Understanding the scope of financial management, Profit vs. Wealth Maximization, Time value of money, short-term and long-term sources of finances, their cost of capital.	PO1,PO4,PO5,PSO1 PSO3,PSO4,PSO6
CO13A.2	Appreciating the need of optimum capital structure and optimum dividend payout to maximize the value of the firm.	PO1,PO3,PO5,PSO1 PSO3,PSO4
CO13B.1	Appreciate the scope and functions of Management Accounting and the need of such a branch as an alternative to Financial Accounting.	PO1,PO4,PO5,PSO1 PSO3,PSO6
CO13B.2	Understanding the management of working capital and analysis of financial statements, Cash Flow and Fund Flow statements and implications of Budgetary Control.	PO1,PO3,PO5,PSO1 PSO4,PSO6

Paper AH8: Micro and Macro Economics

CO14A.1	Understanding the importance of Economic Concepts related to business activity	PO1,PO2,PO3,PO5 PO6,PSO3
CO14A.2	Acquainting the students to correlate the Economic Concepts with Business field on the Whole	PO1,PO2,PO3,PO5 PO6
CO14A.3	Understanding the importance of Economic Concepts related to business activity and economy as a whole	PO1,PO2,PO3,PO5 PO6,PSO2
CO14B.1	Understanding the importance of Economic Concepts related to business activity	PO1,PO2,PO3,PO5 PO6
CO14B.2	Acquainting the students to correlate the Economic Concepts with Business field on the Whole	PO1,PO2,PO3,PO5 PO6,PSO4
CO14B.3	Understanding the importance of Economic Concepts related to business activity and economy as a whole	PO1,PO2,PO3,PO5 PO6,PSO3

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DEPARTMENT OF COMMERCE

MAPPING OF CO, PO, PSO

		PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
C1	CO1A.1	✓	✓		✓	✓		✓	✓				✓
	CO1A.2	✓				✓		✓		✓	✓		
	CO1A.3	✓						✓		✓	✓		
	CO1B.1	✓		✓		✓	✓			✓			
	CO1B.2	✓		✓		✓	✓						
C2	CO2.1	✓	✓	✓		✓	✓				✓		
	CO2.2	✓	✓	✓		✓	✓		✓				
	CO2.3	✓	✓	✓		✓	✓	✓					
	CO2.4	✓	✓	✓		✓	✓				✓		
AH1	CO3.1	✓				✓	✓						
	CO3.2	✓				✓	✓	✓	✓				
AH2	CO4A.1	✓			✓	✓		✓		✓	✓		
	CO4A.2	✓				✓		✓		✓	✓		
	CO4B.1	✓	✓		✓	✓	✓						
	CO4B.2	✓	✓		✓	✓	✓		✓				
	CO4B.3	✓	✓		✓	✓	✓			✓			
C3	CO5.1		✓		✓	✓	✓		✓				
C4	CO6.1	✓			✓		✓						
	CO6.2	✓			✓		✓						
	CO6.3	✓			✓		✓			✓			
	CO6.4	✓			✓		✓						
	CO6.5	✓			✓		✓		✓				

	CO6.6	✓			✓		✓						
	CO6.7	✓			✓		✓						✓
	CO6.8	✓			✓		✓						✓
C5	CO7.1	✓			✓			✓		✓	✓		
	CO7.2	✓		✓				✓		✓	✓		
	CO7.3	✓		✓				✓		✓	✓		
	CO7.4	✓			✓			✓		✓	✓		
	CO7.5	✓	✓			✓	✓	✓		✓	✓		✓
AH3	CO8.1	✓	✓	✓		✓	✓						
	CO8.2	✓	✓	✓		✓	✓						
AH4	CO9.1	✓	✓	✓		✓	✓		✓				
	CO9.2	✓	✓	✓		✓	✓						✓
	CO9.3	✓	✓	✓		✓	✓						
	CO9.4	✓	✓	✓		✓	✓						
AH5	CO10A.1	✓	✓	✓		✓	✓				✓		
	CO10A.2	✓	✓	✓		✓	✓					✓	
	CO10B.1	✓	✓	✓		✓	✓		✓				
	CO10B.2	✓	✓	✓		✓	✓						
	CO10B.3	✓	✓	✓		✓	✓	✓					
	CO10B.4	✓	✓	✓		✓	✓						
C6	CO11A.1	✓		✓		✓	✓	✓		✓	✓		
	CO11A.2	✓				✓	✓	✓		✓	✓		
	CO11A.3	✓				✓	✓	✓		✓	✓		
	CO11B.1	✓		✓			✓		✓	✓			
	CO11B.2	✓		✓		✓			✓	✓			✓
	CO11B.3	✓		✓		✓			✓	✓	✓		✓

AH6	CO12.1	✓	✓		✓	✓	✓						
	CO12.2	✓	✓		✓	✓	✓						✓
	CO12.3	✓	✓		✓	✓	✓						
	CO12.4	✓	✓		✓	✓							
	CO12.5	✓	✓	✓	✓					✓			
	CO12.6	✓	✓	✓	✓				✓				
AH7	CO13A.1	✓			✓	✓		✓		✓	✓		✓
	CO13A.2	✓		✓		✓		✓		✓	✓		
	CO13B.1	✓			✓	✓		✓		✓			✓
	CO13B.2	✓		✓		✓		✓			✓		✓
AH8	CO14A.1	✓	✓	✓		✓	✓			✓			
	CO14A.2	✓	✓	✓		✓	✓						
	CO14A.3	✓	✓	✓		✓	✓		✓				
	CO14B.1	✓	✓	✓		✓	✓						
	CO14B.2	✓	✓	✓		✓	✓				✓		
	CO14B.3	✓	✓	✓		✓	✓			✓			

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

ARTICULATION MATRIX OF CO WITH PO & PSO

		PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
C1	CO1A.1	3	2		2	2		3	3				2
	CO1A.2	3				2		3		2	3		
	CO1A.3	3						3		2	2		
	CO1B.1	3		2		2	2			3			
	CO1B.2	1		3		3	3						
C2	CO2.1		2	3		3	2				3		
	CO2.2	1	2	3		2	1		3				
	CO2.3	3	3	2		3	2	3					
	CO2.4	2	2		1	3	3			3			
AH1	CO3.1	3				2	2						
	CO3.2	2				2	2	3	3				
AH2	CO4A.1	3			1	2		1		3	2		
	CO4A.2	3				2		1		3	2		
	CO4B.1	1	2		3	2	3						
	CO4B.2	3	3		3	3	3		3				
	CO4B.3	3	3		2	3	3			3			
C3	CO5.1		3	3	2	3	3		3				
C4	CO6.1	2			3		3						
	CO6.2	3			3		3						
	CO6.3	3			3		3			3			
	CO6.4	3			2		3						
	CO6.5	2			3		3		3				
	CO6.6	2			3		3						
	CO6.7	3			2		2						3
	CO6.8	2			1		1						3
C5	CO7.1	3			2			3		3	2		
	CO7.2	3		3				3		3	3		
	CO7.3	3		3				3		3	3		
	CO7.4	3			1	2		2		3	3		
	CO7.5	3	1			2	3	3		3	3		3
AH3	CO8.1	2	2			3	3						
	CO8.2	2	3	2		2	3						
AH4	CO9.1	3	3	3		3	3		3				

	CO9.2	2	3	3		3	2						3
	CO9.3	2	2	3		3	2						
	CO9.4	2	2	1		3	3						
AH5	CO10A.1	1	2	2		1	1				2		
	CO10A.2	3	1	2		3	3					3	
	CO10B.1	3	2	3		3	3		3				
	CO10B.2	3	1	2		2	3						
	CO10B.3	2	2	3		3	3	3					
	CO10B.4	2	3	3		2	3						
C6	CO11A.1	3		3		2	2	3		3	3		
	CO11A.2	3				3	3	3		3	3		
	CO11A.3	3				2	3	3		3	3		
	CO11B.1	3		3			3		3	3			
	CO11B.2	3		3		3			3	3			1
	CO11B.3	3		3		3			3	3	3		3
AH6	CO12.1	2	3		2	3	3						
	CO12.2	2	3		2	3	3						3
	CO12.3	2	1		2	2	1						
	CO12.4	1	2		3	2	3						
	CO12.5	2	3	3	3					3			
	CO12.6	2	3	2	3				2				
AH7	CO13A.1	3			2	1		3		3	3		1
	CO13A.2	3		2		2		3		3	3		
	CO13B.1	3			1	2		3		3			2
	CO13B.2	3		1		2		3			3		3
AH8	CO14A.1	3	2	3		2	1			3			
	CO14A.2	3	3	3		1	1						
	CO14A.3	2	2	2		2	3		3				
	CO14B.1	2	3	3		3	3						
	CO14B.2	2	3	2		3	3				2		
	CO14B.3	2	3	2		2	2			3			
Total Target		2.48	2.35	2.55	2.20	2.39	2.53	2.75	2.92	2.92	2.68	3	2.46

DEPARTMENT OF COMMERCE
MUGBERIA GANGADHAR MAHAVIDYALAYA, BHUPATINAGAR,
PURBA MEDINIPUR-721425

Attainment of Course & Program Outcomes

http://www.vidyasagar.ac.in/Downloads/ShowPdf.aspx?file=/policies_regulations/UG_CBCS_Regulations_18082021.pdf

In the Outcome Based Education (OBE), assessment is made on the basis of one or more than one processes, carried out by the department that identifies, collects, and prepares 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, semester examinations, seminars, laboratory assignments/ practical, mini projects etc. These methods provide a sampling of what students know and/or can do and provide strong evidence of student learning.

Table 1 : Direct Assessment tool used for CO attainment

Sl. 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 in charge. End Semester Examination is more focused on attainment of all course outcomes and uses 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	<p>Total 5 Marks allotted for every Course / SEC/ DSE/AECC or others.</p> <p>The marks obtained of every course from Class Attendance by the students is following manner.</p> <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%.
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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 2: Indirect Assessment tool used for CO attainment

Sl. 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 Tests	Twice in a semester	10/75, 05/50
			Internal Assessment	Twice in a semester	
			Home Assignments	Selected Topic	
			MOCK Practical	Once in a semester	
			MCQ		
			Seminar/Presentations		
			Mini Projects		
			Preliminary Examination		
			End Semester Practical		
			End Semester Field Visit		
			Projects	20/75(Practical Paper Only)	
				03/75(Field Visit Paper Only)	
				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 attained greater than or		

					4. equal to 85%. 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%.
	Indirect	--	Course Exit Survey/ Examiners feedback	Once in a Semester	On Marks Allotted but As Per NAAC / IQAC Guideline¹

¹ The report is prepared by Prof. Shantanu Ghosh under the Guidance of Prof. Abani Kumar Tripathy, HOD & Associate Professor, Department of Commerce.

**Student's results in 2019 year wise during their program of B. Com (Hons.) in
COMMERCE**

MUGBERIA GANGADHAR MAHAVIDYALAYA, MUGBERIA 721425

Sl. No.	Name	Roll	Total marks obtained	Grade
1	Ananda Sahoo	31317129-0001	415	2 nd Class
2	Annapurna Das	2	486	1 st Class
3	Bijoy Nath Das	5	464	2 nd Class
4	Biswajit Das	7	342	2 nd Class
5	Brishakatu Parua	9	295	2 nd Class
6	Gouranga Das	12	448	2 nd Class
7	Gouranga Das	13	354	2 nd Class
8	Kalyan Sasmal	14	421	2 nd Class
9	Krishnendu Mallik	16	360	2 nd Class
10	Loknath Maity	17	440	2 nd Class
11	Malay Giri	19	294	2 nd Class
12	Mrityunjoy Majee	20	x	x
13	Pranay Jana	22	378	2 nd Class
14	Sagar Jana	27	497	1 st Class
15	Sahif Mahammad	28	445	2 nd Class
16	Sankar Kar	31	382	2 nd Class
17	Santanu Bisai	32	480	1 st Class
18	Somnath Das	33	387	2 nd Class
19	Somnath Maity	35	543	1 st Class
20	Soumodeep Das	36	441	2 nd Class
21	Sovan Maity	38	419	2 nd Class
22	Subhadip Pal	40	389	2 nd Class
23	Subhajit Das	41	366	2 nd Class
24	Subhajit NandaGoswami	42	403	2 nd Class
25	Subhasis Jana	44	493	1 st Class
26	Subhendu Maity	53	350	2 nd Class
34	Sankar Das	31316129-0034	360	2 nd Class
35	Santanu Barik	35	380	2 nd Class
44	Subhajit Barik	44	306	2 nd Class
46	Sudip Khanra	46	300	2 nd Class
47	Sudip Singha	47	354	2 nd Class
52	Swapn Rana	52	293	2 nd Class
29	Sougata Bera	31315129-0029	410	2 nd Class

DIRECT METHOD

Academic Session: 2018-2019

Students Details of Part III (Hons.) in Commerce

DEPARTMENT OF COMMERCE

PO & PSO ATTAINMENT (INDIRECT METHOD)

Academic Session: 2018-2019

Program Name: B. Com. (Hons.) Part - III in COMMERCE

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:

Programme Name: B. COM. (HONS)

MUGBERIA GANGADHAR MAHAVIDYALAYA, MUGBERIA 721425

DEPARTMENT OF COMMERCE

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 40 students)
1. Did you acquire sound & sufficient knowledge of the courses taught?	3.8
2. Rate your skill development in terms of critical thinking & reasoning offered in the courses?	3.5
3. How much are the courses offered to you suggesting an interdisciplinary approach?	3.8
4. Rate the courses as per their communication skill and attitude	3.8
5. Did the courses help in developing self directed learning?	3.9
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?	3.7
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?	3.6

Attached students questionnaire form.*****

MUGBERIA GANGADHAR MAHAVIDYALAYA, MUGBERIA 721425

DEPARTMENT OF COMMERCE

FINAL ATTAINMENT OF CO, PO&PSO

PROGRAMME NAME: B. COM. HONOURS IN COMMERCE

BATCH: 2018-2019

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

Indirect Method, the target level is reached successfully.

Indirect Method: Average of PO & PSO with the questionnaire

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

	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

Details of Higher Studies of Passed out Students:

Course: B. Com (Hons); Session: 2016-2019

Mugberia Gangadhar Mahaviyalaya, Vidyasagar University

Session	Programme graduated from	Department graduated from	Name of Program me admitted to	Name of Institution joined	Name of students enrolling into higher education	Attach admission payment receipt (JPG format)
2016-19	B.Com(H)	Commerce	M.Com	Vidyasagar University	Mrityunjay Majee	NA
2016-19	B.Com(H)	Commerce	CMA	The Institute of Cost Accountants of India	Somnath Maity	https://drive.google.com/file/d/1AocLucHZJLNgwAzXJfI991U7gnhIQbWF/view?usp=drive_link
2016-19	B.Com(H)	Commerce	MBA	ODM UNIVERSITY	Subhadip Pal	NA
2016-19	B.Com(H)	Commerce	MBA	ODM UNIVERSITY	Sougata Bera	NA

2016-19	B.Com(H)	Commerce	M.Com	Calcutta University	Subhajit Nanda Goswami	NA
2016-19	B.Com(H)	Commerce	M.Com	Calcutta University	Loknath Maity	NA
2016-19	B.Com(H)	Commerce	ICA	ICA EDU skill Pvt. Ltd	Santanu Barik	NA
2016-19	B.Com(H)	Commerce	M.Com	Vidyasagar University	Swapan Rana	NA

Abani Kumar Tripathy

ABANI KUMAR TRIPATHY
Associate Professor
Head
Department of Commerce

Swapan Kumar Misra

DR. SWAPAN KUMAR MISRA
Principal
Mugberia Gangadhar Mahavidyalaya
Principal
Mugberia Gangadhar Mahavidyalaya

