











Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : Chemistry Academic Session : 2022-23									
CO Details		PO Details							
SI No.	Course Name	PO1 (Specialized Scientific Knowledge: Students acquire in-depth knowledge and expertise in their chosen scientific discipline, gaining a strong foundation in scientific theories, principles, and methodologies.)	PO2 (Mastery of Scientific Traditions: Graduates become proficient in the traditions and advancements of their specific scientific field, preparing them for advanced studies and professional roles.)	PO3 (Preparation for Advanced Studies and Research: The programme prepares graduates to pursue advanced studies or research in specialized areas of science, fostering a pathway for career advancement in academia or industry.)	PO4 (Integration of Research Skills: Through rigorous coursework and practical experiences, students develop strong research skills, enabling them to conduct independent research and contribute to scientific innovation.)	PO5 (Critical Thinking and Problem-Solving: Graduates cultivate critical thinking abilities to analyze scientific problems, propose hypotheses, and apply scientific methods to address complex challenges in their field.)	PO6 (Enhancement of Communication Skills: Graduates develop effective communication skills, both oral and written, to articulate scientific ideas, present research findings, and collaborate with peers in interdisciplinary settings.)	PO7 (Contribution to Scientific Advancement: The programme encourages graduates to contribute to the advancement of knowledge through publications, presentations, and participation in scientific communities, fostering innovation and progress in their field.)	PO8 (Promotion of Ethical and Professional Standards: The programme emphasizes ethical practices and professional standards in scientific research and practice, preparing graduates to uphold integrity and responsibility in their careers.)

1	CO-1. FUNDAMENTAL KNOWLEDGE: STUDENTS SHOULD HAVE A STRONG FOUNDATION IN THE FUNDAMENTAL CONCEPTS OF CHEMISTRY, INCLUDING PRINCIPLES OF INORGANIC, ORGANIC, AND PHYSICAL CHEMISTRY.	✓	✓	✓	✓	✓			✓
2	CO-2. LABORATORY SKILLS: STUDENTS SHOULD BE PROFICIENT IN LABORATORY TECHNIQUES AND SAFETY PROCEDURES, INCLUDING THE ABILITY TO DESIGN AND CONDUCT EXPERIMENTS, ANALYZE DATA, AND DRAW CONCLUSIONS.		✓	✓	✓	✓			✓

3	CO-3. PROBLEM-SOLVING SKILLS: GRADUATES SHOULD BE ABLE TO APPLY CHEMICAL PRINCIPLES TO SOLVE COMPLEX PROBLEMS IN VARIOUS CONTEXTS, SUCH AS ENVIRONMENTAL, INDUSTRIAL, AND MEDICINAL CHEMISTRY	✓	✓	✓	✓	✓		✓	✓
4	CO-4. CRITICAL THINKING: STUDENTS SHOULD DEVELOP CRITICAL THINKING SKILLS, INCLUDING THE ABILITY TO EVALUATE SCIENTIFIC LITERATURE, ASSESS THE VALIDITY OF EXPERIMENTAL RESULTS, AND MAKE INFORMED DECISIONS BASED ON EVIDENCE.	✓	✓	✓	✓	✓		✓	✓

5	CO-5. COMMUNICATION SKILLS: GRADUATES SHOULD BE ABLE TO EFFECTIVELY COMMUNICATE SCIENTIFIC CONCEPTS AND RESEARCH FINDINGS THROUGH WRITTEN REPORTS AND ORAL PRESENTATIONS.								
6	CO-6. ETHICAL AND PROFESSIONAL CONDUCT: STUDENTS SHOULD UNDERSTAND AND ADHERE TO ETHICAL STANDARDS IN SCIENTIFIC RESEARCH AND DEMONSTRATE PROFESSIONALISM IN THEIR INTERACTIONS WITH PEERS AND COLLEAGUES.								

7	CO-7. INTERDISCIPLINARY KNOWLEDGE: GRADUATES SHOULD RECOGNIZE THE INTERDISCIPLINARY NATURE OF CHEMISTRY AND ITS CONNECTIONS TO OTHER FIELDS OF SCIENCE AND TECHNOLOGY	✓	✓	✓	✓	✓			✓
8	CO-8. RESEARCH SKILLS: FOR THOSE PURSUING RESEARCH- ORIENTED CAREERS, THE PROGRAM MAY INCLUDE THE DEVELOPMENT OF RESEARCH SKILLS, INCLUDING EXPERIMENTAL DESIGN, DATA ANALYSIS, AND PUBLICATION OF RESEARCH FINDINGS	✓	✓	✓	✓	✓	✓	✓	✓

9	CO-9. ENVIRONMENTAL AND SOCIAL RESPONSIBILITY: STUDENTS MAY BE EXPECTED TO UNDERSTAND THE ENVIRONMENTAL AND SOCIETAL IMPLICATIONS OF CHEMICAL PROCESSES AND PRODUCTS AND CONTRIBUTE TO SUSTAINABLE PRACTICES		✓	✓	✓		✓		✓
10	CO-10. ADAPTABILITY AND LIFELONG LEARNING: GRADUATES SHOULD BE PREPARED TO ADAPT TO NEW DEVELOPMENTS IN THE FIELD OF CHEMISTRY AND ENGAGE IN LIFELONG LEARNING TO STAY CURRENT IN THEIR CHOSEN CAREERS.	✓	✓	✓	✓	✓		✓	✓












11	CO-11. TEAMWORK AND COLLABORATION: THE ABILITY TO WORK EFFECTIVELY IN A TEAM AND COLLABORATE WITH COLLEAGUES FROM DIVERSE BACKGROUNDS MAY ALSO BE A DESIRED PROGRAM OUTCOME.	✓	✓	✓	✓	✓		✓	✓
12	CO-12. GLOBAL PERSPECTIVE: UNDERSTANDING THE GLOBAL IMPACT OF CHEMISTRY ON ISSUES LIKE CLIMATE CHANGE, ENERGY, AND PUBLIC HEALTH MAY BE EMPHASIZED IN THE PROGRAM.	✓	✓	✓	✓	✓			✓

Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : Commerce Academic Session : 2022-23							
CO Details		PO Details					
SI No.	Course Name	PO1 (Comprehensive Business Knowledge: Students acquire a broad understanding of business principles, economics, commerce, and related disciplines, enabling them to grasp the complexities of the business world.)	PO2 (Familiarity with Business Traditions: Graduates become acquainted with the traditions and practices of commerce, economics, finance, and management, preparing them for diverse career opportunities.)	PO3 (Preparation for Career and Higher Studies: The programme equips graduates to pursue careers in business and commerce or further studies in specialized areas of their choice, enhancing their professional prospects.)	PO4 (Integration of Ethical Values: Through business education, students develop a foundation rooted in ethical values, enabling them to navigate business challenges with integrity and responsibility.)	PO5 (Problem-Solving and Entrepreneurial Thinking: Graduates cultivate critical thinking skills to analyze business problems and explore entrepreneurial opportunities, contributing to innovation and growth in the business sector.)	PO6 (Development of Professional Responsibility: The programme fosters a sense of professional responsibility, empowering graduates to contribute positively to the business community and society at large through ethical business practices and leadership.)

1	CO-1. TO DO ANY KIND OF BUSINESS AND HELP IN NATION BUILDING PROCESS	✓	✓	✓	✓	✓	✓
2	CO-2. TO GET EMPLOYMENT IN THE GOVERNMENT SERVICES LIKE AUDIT AND ACCOUNT SERVICE CONDUCTED BY WEST BENGAL PSC AND UPSC	✓	✓	✓		✓	✓
3	CO-3. TO WORK AS A TAX CONSULTANT	✓	✓	✓		✓	✓












4	CO-4. TO GET EMPLOYMENT IN SSC, PSC, RAILWAY SERVICE, BANKING SERVICE THROUGH COMPETITIVE EXAMINATIONS						
5	CO-5. TO GET JOB IN THE PRIVATE SECTOR AS SKILLED FINANCIAL ACCOUNTANT, MARKETING EXECUTIVE, SALES EXECUTIVE, STOCK MARKET EXECUTIVE.						

6	CO-6. TO GET ADMISSION IN M.COM. AND PREPARE FOR TEACHING PROFESSION AND RESEARCH IN THE FIELD ACCOUNTING AND FINANCE WORLD, MANAGEMENT, ETC	✓	✓	✓			✓
7	CO-7. TO INVOLVE IN THE FINANCIAL AND COMMODITY MARKET RELATED JOB	✓	✓	✓		✓	✓
8	CO-8. TO GET ADMISSION IN THE LL.B COURSE AND PREPARED FOR LAW PRACTITIONER	✓	✓	✓	✓	✓	✓

Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : Computer Science Academic Session : 2022-23							
CO Details		PO Details					
Sl No.	Course Name	PO1 (Comprehensive Knowledge: Students acquire broad knowledge in the natural sciences and related disciplines, fostering a deep understanding of scientific principles and methodologies.)	PO2 (Understanding of Scientific Traditions: Graduates gain familiarity with the scientific, technological, and mathematical traditions, preparing them for diverse applications in the modern world.)	PO3 (Preparation for Further Studies and Competitive Exams: The programme prepares graduates to pursue various competitive examinations or opt for specialized postgraduate programmes aligned with their interests.)	PO4 (Integration of Human Values: Through scientific education, students develop a framework enriched with human values, enabling them to tackle challenges with ethical awareness and empathy.)	PO5 (Problem-Solving and Innovation: Graduates are equipped with critical thinking skills to analyze and innovate solutions for complex issues in science and society.)	PO6 (Promotion of Civic Responsibility: The programme instills a sense of civic responsibility, empowering students to contribute positively to societal and environmental challenges through scientific knowledge and action.)

1	CO-1. TO DEVELOP THE ABILITY TO USE THIS KNOWLEDGE TO ANALYSES NEW SITUATIONS						
2	CO-2. TO ACQUIRE NECESSARY AND STATE-OF-THE-ART SKILLS TO TAKE UP INDUSTRY CHALLENGES. THE OBJECTIVES AND OUTCOMES ARE CAREFULLY DESIGNED TO SUIT TO THE ABOVE-MENTIONED PURPOSE.						

3	CO-3. THE ABILITY TO SYNTHESIZE THE ACQUIRED KNOWLEDGE, UNDERSTANDING AND EXPERIENCE FOR A BETTER AND IMPROVED COMPREHENSION OF THE REAL-LIFE PROBLEMS	✓	✓	✓		✓	✓
4	CO-4. TO LEARN SKILLS AND TOOLS LIKE MATHEMATICS, STATISTICS, PHYSICS AND ELECTRONICS TO FIND THE SOLUTION, INTERPRET THE RESULTS AND MAKE PREDICTIONS FOR THE FUTURE DEVELOPMENTS.	✓	✓	✓	✓	✓	✓

Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : Economics Academic Session : 2022-23									
CO Details		PO Details							
Sl No.	Course Name	PO1 (Specialized Scientific Knowledge: Students acquire in-depth knowledge and expertise in their chosen scientific discipline, gaining a strong foundation in scientific theories, principles, and methodologies.)	PO2 (Mastery of Scientific Traditions: Graduates become proficient in the traditions and advancements of their specific scientific field, preparing them for advanced studies and professional roles.)	PO3 (Preparation for Advanced Studies and Research: The programme prepares graduates to pursue advanced studies or research in specialized areas of science, fostering a pathway for career advancement in academia or industry.)	PO4 (Integration of Research Skills: Through rigorous coursework and practical experiences, students develop strong research skills, enabling them to conduct independent research and contribute to scientific innovation.)	PO5 (Critical Thinking and Problem-Solving: Graduates cultivate critical thinking abilities to analyze scientific problems, propose hypotheses, and apply scientific methods to address complex challenges in their field.)	PO6 (Promotion of Ethical and Professional Standards: The programme emphasizes ethical practices and professional standards in scientific research and practice, preparing graduates to uphold integrity and responsibility in their careers.)	PO7 (Enhancement of Communication Skills: Graduates develop effective communication skills, both oral and written, to articulate scientific ideas, present research findings, and collaborate with peers in interdisciplinary settings.)	PO8 (Contribution to Scientific Advancement: The programme encourages graduates to contribute to the advancement of knowledge through publications, presentations, and participation in scientific communities, fostering innovation and progress in their field.)

1	6. TO PROVIDE PROGRAMMERS THAT ALLOW THE STUDENTS TO HAVE AN IDEA OF WIDE RANGE OF ECONOMIC SPECIALIZATION	✓	✓	✓	✓	✓			✓
2	7. TO PROVIDE A WELL-RESOURCED LEARNING ENVIRONMENT FOR ECONOMICS	✓	✓	✓	✓	✓		✓	✓
3	8. TO MAKE OUR STUDENTS EQUIPPED WITH IDENTIFYING THE ASSUMPTIONS THAT FRAME OUR THINKING AND ACTIONS, CHECKING OUT THE DEGREE TO WHICH THESE ASSUMPTIONS ARE ACCURATE AND VALID, AND LOOKING AT OUR IDEAS AND DECISIONS (INTELLECTUAL, ORGANIZATIONA	✓	✓	✓	✓	✓	✓		✓

4	9. TO DEVELOP EFFECTIVE COMMUNICATION THROUGH SPEAKING, READING, WRITING AND LISTENING CLEARLY IN PERSON AND THROUGH ELECTRONIC MEDIA IN ENGLISH AND BENGALI.	✓		✓	✓	✓		✓	✓
5	10. TO DEVELOP SELF-DIRECTED AND LIFE-LONG LEARNING TO BE ENGAGED IN INDEPENDENT THINKING IN THE BROADER CONTEXT SOCIO-TECHNOLOGICAL CHANGES.	✓	✓	✓	✓	✓	✓		✓
6	CO-1. TO PROVIDE STUDENTS A WELL-FOUNDED EDUCATION IN ECONOMICS	✓	✓	✓	✓	✓	✓		✓

7	CO- 2. TO PROVIDE STRUCTURED CURRICULA WHICH SUPPORT THE ACADEMIC DEVELOPMENT OF STUDENTS	✓	✓		✓	✓	✓		✓
8	CO-3. TO PROVIDE AND ADAPT CURRICULA THAT PREPARE OUR GRADUATES FOR EMPLOYMENT AND FURTHER STUDY AS ECONOMISTS	✓	✓	✓	✓	✓			✓
9	4. TO PROVIDE THE STUDENTS WITH THE OPPORTUNITY TO PURSUE COURSES THAT EMPHASIZE QUANTITATIVE AND THEORETICAL ASPECTS OF ECONOMICS	✓	✓	✓	✓	✓			✓

10	5. TO PROVIDE STUDENTS WITH THE OPPORTUNITY TO FOCUS ON APPLIED AND POLICY ISSUES	✓	✓	✓	✓	✓			✓
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Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : Education Academic Session : 2022-23									
CO Details		PO Details							
SI No.	Course Name	PO1 (Broad Academic Knowledge: Students acquire a diverse and comprehensive understanding of disciplines within the arts and humanities, fostering intellectual versatility and cultural appreciation.)	PO2 (Mastery of Academic Traditions: Graduates become proficient in the historical, social, philosophical, and literary traditions of their chosen field of study, preparing them for advanced academic pursuits or professional roles.)	PO3 (Preparation for Advanced Studies and Careers: The programme prepares graduates to pursue advanced studies in their field of specialization or embark on careers that require analytical thinking, research skills, and cultural literacy.)	PO4 (Integration of Critical Thinking: Through rigorous coursework and intellectual engagement, students develop critical thinking skills to analyze complex issues, evaluate evidence, and formulate informed opinions.)	PO5 (Promotion of Ethical and Civic Values: Graduates cultivate a sense of ethical responsibility and civic engagement, applying their knowledge to address societal challenges and contribute positively to their communities.)	PO6 (Enhancement of Communication Skills: Graduates develop effective communication skills, both verbal and written, enabling them to articulate ideas persuasively, engage in scholarly discourse, and collaborate with diverse audiences.)	PO7 (Development of Research Skills: The programme emphasizes research methodologies and independent inquiry, empowering graduates to conduct scholarly research, contribute to academic knowledge, and pursue intellectual curiosity.)	PO8 (Contribution to Cultural and Intellectual Discourse: Graduates are encouraged to contribute to cultural and intellectual discourse through publications, presentations, and participation in academic and cultural initiatives, fostering creativity, inno)

1	CO-1: DEVELOP KNOWLEDGE AND UNDERSTAND DIFFERENT SPECIALIZED AREAS OF EDUCATION	✓	✓	✓	✓	✓	✓	✓	✓
2	CO-2: ENHANCE THE NECESSARY COMPETENCIES AMONG THE VARIOUS CATEGORIES OF STUDENTS BY COMPLETION OF EACH COURSE/PAPER.	✓	✓	✓	✓	✓		✓	✓
3	CO-3: DEVELOP DIVERGENT THINKING THAT HELPS TO UNDERTAKE SKILL ORIENTED PROJECT WORK RELATED TO EDUCATION	✓	✓	✓	✓	✓			✓
4	CO-4: STIMULATE KNOWLEDGE FOR SHIFT TO NEXT LEVEL	✓	✓	✓	✓	✓		✓	✓

5	CO-5: ORIENT THE STUDENTS ON MODERN TRENDS AND ISSUES AND THEIR APPLICATION IN PRESENT EDUCATION SYSTEM	✓	✓	✓	✓	✓	✓	✓	✓
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Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : English Academic Session : 2022-23									
CO Details		PO Details							
SI No.	Course Name	PO1 (Broad Academic Knowledge: Students acquire a diverse and comprehensive understanding of disciplines within the arts and humanities, fostering intellectual versatility and cultural appreciation.)	PO2 (Mastery of Academic Traditions: Graduates become proficient in the historical, social, philosophical, and literary traditions of their chosen field of study, preparing them for advanced academic pursuits or professional roles.)	PO3 (Preparation for Advanced Studies and Careers: The programme prepares graduates to pursue advanced studies in their field of specialization or embark on careers that require analytical thinking, research skills, and cultural literacy.)	PO4 (Integration of Critical Thinking: Through rigorous coursework and intellectual engagement, students develop critical thinking skills to analyze complex issues, evaluate evidence, and formulate informed opinions.)	PO5 (Promotion of Ethical and Civic Values: Graduates cultivate a sense of ethical responsibility and civic engagement, applying their knowledge to address societal challenges and contribute positively to their communities.)	PO6 (Enhancement of Communication Skills: Graduates develop effective communication skills, both verbal and written, enabling them to articulate ideas persuasively, engage in scholarly discourse, and collaborate with diverse audiences.)	PO7 (Development of Research Skills: The programme emphasizes research methodologies and independent inquiry, empowering graduates to conduct scholarly research, contribute to academic knowledge, and pursue intellectual curiosity.)	PO8 (Contribution to Cultural and Intellectual Discourse: Graduates are encouraged to contribute to cultural and intellectual discourse through publications, presentations, and participation in academic and cultural initiatives, fostering creativity, inno)
1	CO: 1. ABILITY IN CRITICAL THINKING SKILLS.	✓	✓	✓	✓		✓	✓	✓










2	CO: 2. ABILITY TO READ AND INTERPRET LITERARY TEXTS.	✓	✓	✓	✓			✓	✓
3	CO: 3. ABILITY TO RECOGNIZE, EXPRESS AND ANALYZE ARGUMENTS IN LITERARY TEXTS.	✓	✓	✓	✓	✓	✓	✓	✓
4	CO: 4. ABILITY TO SUMMARIZE AND EXPLAIN DIFFICULT LITERARY IDEAS AND CONCEPTS.	✓	✓	✓	✓	✓	✓		✓
5	CO: 5. ABILITY TO WRITE LITERARY ESSAYS THAT HAVE COHERENT THESES AND REASONABLE SUPPORTING ARGUMENTS.	✓	✓	✓		✓	✓	✓	✓
6	CO:6. ABILITY IN RESEARCH METHODOLOGY.	✓	✓	✓		✓	✓	✓	✓










Gobardanga Hindu College







Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : Geography Academic Session : 2022-23							
CO Details		PO Details					
SI No.	Course Name	PO1 (Comprehensive Knowledge: Students acquire broad knowledge in the natural sciences and related disciplines, fostering a deep understanding of scientific principles and methodologies.)	PO2 (Understanding of Scientific Traditions: Graduates gain familiarity with the scientific, technological, and mathematical traditions, preparing them for diverse applications in the modern world.)	PO3 (Preparation for Further Studies and Competitive Exams: The programme prepares graduates to pursue various competitive examinations or opt for specialized postgraduate programmes aligned with their interests.)	PO4 (Integration of Human Values: Through scientific education, students develop a framework enriched with human values, enabling them to tackle challenges with ethical awareness and empathy.)	PO5 (Problem-Solving and Innovation: Graduates are equipped with critical thinking skills to analyze and innovate solutions for complex issues in science and society.)	PO6 (Promotion of Civic Responsibility: The programme instills a sense of civic responsibility, empowering students to contribute positively to societal and environmental challenges through scientific knowledge and action.)
1							

2	CO8: SCIENTIFIC ATTITUDE: STUDENTS SHOULD NOT BE SUPERSTITIOUS AND WILL DEVELOPED SCIENTIFIC ATTITUDE AMONG THE STUDENTS.						
3	CO7. SELF-DIRECTED AND LIFE-LONG LEARNING: ACQUIRE THE ABILITY TO ENGAGE IN INDEPENDENT AND LIFE-LONG LEARNING IN THE BROADEST CONTEXT SOCIOTECHNOLOGICAL CHANGES						
4	CO6. ENVIRONMENT AND SUSTAINABILITY: UNDERSTAND THE ISSUES OF ENVIRONMENTAL CONTEXTS AND SUSTAINABLE DEVELOPMENT.						

5	CO5. ETHICS: RECOGNIZE DIFFERENT VALUE SYSTEMS INCLUDING YOUR OWN, UNDERSTAND THE MORAL DIMENSIONS OF YOUR DECISIONS, AND ACCEPT RESPONSIBILITY FOR THEM.						
6	CO4. DEMOCRATIC VALUE: STUDENTS SHOULD ACQUIRE DEMOCRATIC VALUE AND WILL BE A RESPONSIBLE CITIZEN OF LARGEST DEMOCRACY IN THE WORLD.						

7	CO3. SOCIAL INTERACTION: SOCIAL INTERACTION IS NEEDED TO WORK BETTER IN THE SOCIETY. THE STUDENTS SHOULD BE ABLE FOR SOCIAL INTERACTIONS AND WORKING IN VARIOUS SECTIONS OF THE SOCIETY.						
8	CO2.EFFECTIVE COMMUNICATION: EFFECTIVE COMMUNICATION SHOULD BE DEVELOPED IN THE STUDENTS OF UG PROGRAM. SPEAK, READ, WRITE AND LISTEN CLEARLY IN PERSON AND THROUGH ELECTRONIC MEDIA IN ENGLISH AND IN ONE INDIAN LANGUAGE, AND MAKE MEANING OF THE WORLD						

9	CO1. CRITICAL THINKING: DEVELOPMENT OF CRITICAL THINKING IS THE PRIME OUTCOME OF ANY UG PROGRAM WHICH ENABLES STUDENTS TO THINK LOGICALLY, RATIONALLY AND SCIENTIFICALLY. SHE/HE SHOULD NOT BE PREJUDICE TO THINK OVER ANY EVENTS, IDEAS AND UNDERSTANDING						
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Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : History Academic Session : 2022-23									
CO Details		PO Details							
SI No.	Course Name	PO1 (Broad Academic Knowledge: Students acquire a diverse and comprehensive understanding of disciplines within the arts and humanities, fostering intellectual versatility and cultural appreciation.)	PO2 (Mastery of Academic Traditions: Graduates become proficient in the historical, social, philosophical, and literary traditions of their chosen field of study, preparing them for advanced academic pursuits or professional roles.)	PO3 (Preparation for Advanced Studies and Careers: The programme prepares graduates to pursue advanced studies in their field of specialization or embark on careers that require analytical thinking, research skills, and cultural literacy.)	PO4 (Integration of Critical Thinking: Through rigorous coursework and intellectual engagement, students develop critical thinking skills to analyze complex issues, evaluate evidence, and formulate informed opinions.)	PO5 (Promotion of Ethical and Civic Values: Graduates cultivate a sense of ethical responsibility and civic engagement, applying their knowledge to address societal challenges and contribute positively to their communities.)	PO6 (Enhancement of Communication Skills: Graduates develop effective communication skills, both verbal and written, enabling them to articulate ideas persuasively, engage in scholarly discourse, and collaborate with diverse audiences.)	PO7 (Development of Research Skills: The programme emphasizes research methodologies and independent inquiry, empowering graduates to conduct scholarly research, contribute to academic knowledge, and pursue intellectual curiosity.)	PO8 (Contribution to Cultural and Intellectual Discourse: Graduates are encouraged to contribute to cultural and intellectual discourse through publications, presentations, and participation in academic and cultural initiatives, fostering creativity, inno)
1									

2	CO-1: THE STUDY OF HISTORY WILL ENABLE STUDENTS TO COMPARE AND CONTRAST DIFFERENT ASPECTS OF SOCIETY, THOUGHT PROCESSES, MODES AND EXPRESSIONS FROM DIFFERENT HISTORICAL TIME PERIOD.	✓	✓	✓	✓			✓	✓
3	CO-2: STUDENTS WILL BE EFFECTIVELY EXPLAINED AND ANALYSES THE FACTS OF PAST WITH THE HELP OF DIGITAL AIDS. THEY WILL BE ALERT WITH THE IMPORTANCE OF ENTREPRENEURIAL SKILLS FOR THEIR SELF-EMPLOYMENT, TO IMPROVE THE LIVING CONDITION OF MASSES.	✓	✓	✓	✓	✓	✓	✓	✓

4	CO-3: STUDENTS WILL BE PROVIDED THE OPPORTUNITY TO FOCUS ON APPLIED ISSUES IN HISTORY. STUDENTS WILL BE ABLE TO UNDERSTAND THE BASIC METHODOLOGY OF STUDYING AND WRITING HISTORY.	✓	✓	✓	✓		✓	✓	✓
5	CO-4: STUDENTS CAN CONTEXTUALIZE EXAMINING OF INTERRELATED POLITICAL, SOCIAL, ECONOMIC, CULTURAL AND INTELLECTUAL PROCESSES. THEY WILL BE ABLE TO WRITE RESEARCH PAPERS THAT LOCATES AND SYNTHESIZES RELEVANT PRIMARY AND SECONDARY SOURCES AND HAS A CLEA	✓	✓	✓	✓	✓	✓	✓	✓







6	CO-5: A CRITICAL APPROACH WILL BE GROWN AMONG THE STUDENTS TO ANALYSES ANY PAST EVENT AND ITS RELEVANCE IN THE CONTEMPORARY SOCIETY.	✓	✓	✓	✓		✓	✓	✓
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Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : Journalism & Mass Communication Academic Session : 2022-23

CO Details		PO Details				
SI No.	Course Name	PO1 (Knowledge Acquisition: Students gain a comprehensive understanding in the fields of social sciences, literature, and humanities, making them both sensitive and sensible individuals.)	PO2 (Cultural and Intellectual Awareness: Graduates become well-versed in social, economic, historical, geographical, political, ideological, and philosophical traditions and thoughts.)	PO3 (Empowerment for Further Studies and Exams: The programme equips graduates to appear for various competitive examinations or pursue postgraduate studies in their chosen fields.)	PO4 (Human Values and Problem-Solving: Students acquire knowledge imbued with human values, providing a foundation to address life's challenges with courage and compassion.)	PO5 (Critical Thinking and Action: Graduates are inspired to think critically and take action to solve various issues in human life, contributing to a better world.)
1						

2	CO-1: TO DEVELOP THE COMMUNICATION SKILLS, THEORETICAL AND PRACTICAL KNOWLEDGE AMONG THE STUDENTS IN PRINT, ELECTRONIC AND NEW MEDIA					
3	CO-2: THE COMMUNICATION AND JOURNALISM DEPARTMENT IS COMMITTED TO PROVIDING UNDERGRADUATE STUDENTS WITH A QUALITY EDUCATION IN THE COMMUNICATION AND JOURNALISM DISCIPLINES THAT IS CURRENT, RELEVANT, PRACTICAL, AND PERSONAL.					
4	CO-3: STUDENTS WHO GRADUATE WILL BE ABLE TO COMPETE SUCCESSFULLY FOR POSITIONS AT POST-GRADUATE COURSES.					

5	CO-4: STUDENTS WHO GRADUATE IN COMMUNICATION WILL BE PREPARED FOR ENTRY LEVEL POSITIONS AS PROFESSIONALS WITHIN COMMUNICATION-RELATED FIELDS.					
6	CO-5: STUDENTS WHO GRADUATE IN JOURNALISM WILL BE PREPARED FOR ENTRY-LEVEL POSITIONS AS PROFESSIONALS WITHIN JOURNALISM AND RELATED FIELDS.					

Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : Mathematics Academic Session : 2022-23									
CO Details		PO Details							
SI No.	Course Name	PO1 (PO 1 : Specialized Scientific Knowledge: Students acquire in-depth knowledge and expertise in their chosen scientific discipline, gaining a strong foundation in scientific theories, principles, and methodologies.)	PO2 (PO 2 : Mastery of Scientific Traditions: Graduates become proficient in the traditions and advancements of their specific scientific field, preparing them for advanced studies and professional roles.)	PO3 (PO-3: Preparation for Advanced Studies and Research: The programme prepares graduates to pursue advanced studies or research in specialized areas of science, fostering a pathway for career advancement in academia or industry.)	PO4 (PO 4 : Integration of Research Skills: Through rigorous coursework and practical experiences, students develop strong research skills, enabling them to conduct independent research and contribute to scientific innovation.)	PO5 (PO 5 : Critical Thinking and Problem-Solving: Graduates cultivate critical thinking abilities to analyze scientific problems, propose hypotheses, and apply scientific methods to address complex challenges in their field.)	PO6 (PO – 6 : Promotion of Ethical and Professional Standards: The programme emphasizes ethical practices and professional standards in scientific research and practice, preparing graduates to uphold integrity and responsibility in their careers.)	PO7 (PO – 7 : Enhancement of Communication Skills: Graduates develop effective communication skills, both oral and written, to articulate scientific ideas, present research findings, and collaborate with peers in interdisciplinary settings.)	PO8 (PO – 8 : Contribution to Scientific Advancement: The programme encourages graduates to contribute to the advancement of knowledge through publications, presentations, and participation in scientific communities, fostering innovation and progress in)

1	CO-12: THRUST AREA: THE FOLLOWING ARE THE CONCEPTS BUILD IN THE DESIGN AND DEVELOPMENT OF MATHEMATICAL ANALYSIS • ANALYZE REAL WORLD SCENARIOS TO RECOGNIZE REAL AND COMPLEX ANALYSIS; MODERN, ABSTRACT AND CLASSICAL ALGEBRA; ORDINARY DIFFERENTIAL	✓	✓	✓	✓	✓		✓	✓
2	CO-11: INNOVATION AND ENTREPRENEURSHIP: LEARN TO INNOVATE, DESIGN AND DEVELOP SOLUTIONS FOR SOLVING REAL LIFE PROBLEMS AND ADDRESSING DEVELOPMENT ISSUES WITH A PASSION FOR QUALITY COMPETENCY AND HOLISTIC APPROACH.	✓	✓	✓	✓	✓		✓	✓

3	CO-1: COMPUTATIONAL KNOWLEDGE: DEMONSTRATE AN UNDERSTANDING OF THE BASIC CONCEPTS IN MATHEMATICS, AND THEIR IMPORTANCE IN THE SOLUTION OF SOME REAL- WORLD DECISION MAKING PROBLEMS.	✓	✓	✓	✓	✓		✓	✓
4	CO 2 : PROBLEM ANALYSIS: USE FUNDAMENTAL PRINCIPLES OF SCIENTIFIC ENQUIRY, ANALYTICAL THINKING, CLEAR AND CRITICAL PROBLEM SOLVING ABILITY IN MATHEMATICS AND COMPUTING TO IDENTIFY, FORMULATE RESEARCH FOR SOLVING COMPLEX PROBLEMS, REACHING APPROPR	✓	✓	✓	✓	✓		✓	✓

5	CO-3: DESIGN/DEVELOPMENT OF SOLUTIONS: UNDERSTAND TO DESIGN, ANALYZE AND DEVELOP SOLUTIONS AND EVALUATE SYSTEM COMPONENTS OR PROCESSES TO MEET SPECIFIC NEED FOR LOCAL, REGIONAL AND GLOBAL PUBLIC HEALTH, SOCIETAL, CULTURAL, AND ENVIRONMENTAL SYSTEMS.	✓	✓	✓	✓	✓		✓	✓
6	CO-4: MODERN TOOL USAGE: LEARN, SELECT, AND APPLY APPROPRIATE METHODS AND PROCEDURES, RESOURCES AND COMPUTING TOOL SUCH AS EXCEL, MATLAB, MATHEMATICA, SPSS ETC TO SOLVE COMPUTING ACTIVITIES WITH AN UNDERSTANDING OF THE LIMITATIONS AND CONSTRAINT	✓	✓	✓	✓	✓		✓	✓

7	CO-5: PROFESSIONAL ETHICS: EXHIBIT ETHICS FOR REGULATIONS, RESPONSIBILITIES AND NORMS IN PROFESSIONAL COMPUTING PRACTICES. ANALYZE RELEVANT ACADEMIC, PROFESSIONAL AND RESEARCH ETHICAL PROBLEMS AND COMMIT TO PROFESSIONAL ETHICS AND RESPONSIBILITIES	✓	✓	✓	✓	✓	✓		✓
8	CO-6: COMMUNICATION EFFICACY: EFFECTIVELY COMMUNICATE ABOUT THEIR FIELD OF EXPERTISE ON THEIR ACTIVITIES, WITH THEIR PEER AND SOCIETY AT LARGE. SUCH AS, BEING ABLE TO COMPREHEND AND WRITE EFFECTIVE REPORTS AND DESIGN DOCUMENTATION, MAKE EFFECTIV		✓	✓	✓	✓		✓	✓

9	CO-7: PROJECT MANAGEMENT: APPLY KNOWLEDGE AND UNDERSTANDING OF PRINCIPLES OF MATHEMATICS AND STATISTICS EFFECTIVELY AS AN INDIVIDUAL, AND AS A MEMBER OR LEADER IN DIVERSE TEAMS TO MANAGE PROJECTS IN MULTIDISCIPLINARY ENVIRONMENT.			✓	✓	✓		✓	✓
10	CO-8: RESEARCH PROPOSAL: DEFINE, DESIGN AND DELIVER A SIGNIFICANT PIECE OF RESEARCH WORK THAT IS CLEAR AND CONCISE. DEMONSTRATE THE NECESSARY SKILLS AND KNOWLEDGE OF DEEPER UNDERSTANDING OF THEIR CHOSEN RESEARCH AREA. UNDERSTAND THE PHILOSOPHY O			✓	✓	✓		✓	✓

11	CO-9: SOCIETAL AND ENVIRONMENTAL CONCERN: APPLY MATHEMATICS AND COMPUTING KNOWLEDGE TO ACCESS AND SOLVE ISSUES RELATING TO HEALTH, SAFETY, AND SOCIETAL, ENVIRONMENTAL, LEGAL, AND CULTURAL ISSUES WITHIN LOCAL, REGIONAL AND GLOBAL CONTEXT.	✓		✓	✓	✓	✓		✓
12	CO-10: INDIVIDUAL AND TEAMWORK: GAIN CONFIDENCE FOR SELF AND CONTINUOUS LEARNING TO IMPROVE KNOWLEDGE AND COMPETENCE AS A MEMBER OR LEADER OF A TEAM.	✓	✓	✓	✓	✓		✓	✓

Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : Music Academic Session : 2022-23									
CO Details		PO Details							
SI No.	Course Name	PO1 (Broad Academic Knowledge: Students acquire a diverse and comprehensive understanding of disciplines within the arts and humanities, fostering intellectual versatility and cultural appreciation.)	PO2 (Mastery of Academic Traditions: Graduates become proficient in the historical, social, philosophical, and literary traditions of their chosen field of study, preparing them for advanced academic pursuits or professional roles.)	PO3 (Preparation for Advanced Studies and Careers: The programme prepares graduates to pursue advanced studies in their field of specialization or embark on careers that require analytical thinking, research skills, and cultural literacy.)	PO4 (Integration of Critical Thinking: Through rigorous coursework and intellectual engagement, students develop critical thinking skills to analyze complex issues, evaluate evidence, and formulate informed opinions.)	PO5 (Promotion of Ethical and Civic Values: Graduates cultivate a sense of ethical responsibility and civic engagement, applying their knowledge to address societal challenges and contribute positively to their communities.)	PO6 (Enhancement of Communication Skills: Graduates develop effective communication skills, both verbal and written, enabling them to articulate ideas persuasively, engage in scholarly discourse, and collaborate with diverse audiences.)	PO7 (Development of Research Skills: The programme emphasizes research methodologies and independent inquiry, empowering graduates to conduct scholarly research, contribute to academic knowledge, and pursue intellectual curiosity.)	PO8 (Contribution to Cultural and Intellectual Discourse: Graduates are encouraged to contribute to cultural and intellectual discourse through publications, presentations, and participation in academic and cultural initiatives, fostering creativity, inno)
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2	C.O-1: SPECIAL LECTURE ON INTRODUCTORY KNOWLEDGE OF VILAMBIT KHAYAL.SPECIFIC CONCEPT ON DHRUPAD AND DHAMAR AND THEIR TECHNIQUE.	✓	✓	✓	✓		✓	✓	✓
3	C.O-2: SPECIAL AUDIO-VISUAL CLASSES ON SEMI-CLASSICAL MUSIC AND INTRODUCTION OF VARIOUS GHARANA.	✓	✓	✓	✓		✓	✓	✓
4	C.O-3: INTRODUCTORY LECTURES ON RABINDRANATH TAGORE AND HIS CREATION.	✓	✓		✓		✓	✓	✓
5	C.O-4: DEMONSTRATE CREATIVE IMPROVISATION OF BENGALI SONG FROM 18TH CENTURY.	✓	✓		✓		✓	✓	✓

6	C.O-5: SPECIAL LECTURE ON THE FRAMEWORK KARNATAKI CLASSICAL MUSIC AND WESTERN MUSIC.	✓	✓	✓	✓		✓	✓	✓
7	C.O-6: INTRODUCTORY CLASSES ON VARIOUS TYPES OF FOLK MUSIC AND PATRIOTIC SONG.		✓	✓	✓		✓	✓	✓
8	C.O-7: APPLYING MUSIC ON SPECIFIC CONTENT SKILLS, INCLUDING EFFECTIVE PERFORMANCE ABILITY, ANALYTICAL SKILLS AND TEAM WORK TO DEVELOP CAREER AND RESEARCH SKILL.	✓	✓	✓	✓	✓	✓	✓	✓








9	C.O-8: DEVELOP SOCIAL AND ETHICAL RESPONSIBILITIES OF MUSIC PROFESSIONAL. KNOWLEDGE AND SCOPE OF PSYCHOLOGY OF MUSIC AND CONTRIBUTION OF MUSIC IN MEDICAL SCIENCE.	✓	✓	✓	✓	✓	✓	✓	✓
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Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : Bengali Academic Session : 2022-23									
CO Details		PO Details							
SI No.	Course Name	PO1 (Advanced Academic Knowledge: Students acquire advanced and specialized knowledge in their chosen field of study within the arts, humanities, or social sciences, developing a deep understanding of theoretical frameworks and methodologies.)	PO2 (Expertise in Academic Traditions: Graduates become experts in the historical, philosophical, cultural, or literary traditions relevant to their discipline, preparing them for advanced research, teaching, or professional roles.)	PO3 (Preparation for Doctoral Studies and Professional Careers: The programme prepares graduates for doctoral studies in their field of specialization or for careers that require advanced analytical, research, and communication skills in academia, research)	PO4 (Integration of Critical and Analytical Skills: Through rigorous coursework and research projects, students refine critical thinking abilities to analyze complex issues, interpret texts, and contribute original insights to their field of study.)	PO5 (Promotion of Ethical Scholarship and Intellectual Integrity: Graduates uphold ethical standards and intellectual integrity in their scholarly pursuits, demonstrating a commitment to rigorous academic inquiry, honesty, and respect for diverse perspectives)	PO6 (Enhancement of Communication and Presentation Skills: Graduates develop advanced communication skills, including scholarly writing, oral presentations, and academic discourse, enabling them to effectively communicate research findings and engage in s)	PO7 (Development of Research Competence: The programme emphasizes research methodologies, theoretical frameworks, and empirical research, equipping graduates with the competence to conduct independent research projects and contribute to the advancement of)	PO8 (Contribution to Academic and Cultural Discourse: Graduates are encouraged to contribute to academic and cultural discourse through publications, conference presentations, collaborations with peers, and participation in academic and cultural events, e)

1	CO-1: STUDENTS DEVELOP UNDERSTANDING OF IDEAS, CULTURES, ANTHROPOLOGY, SOCIOPOLITICS, AND LANGUAGE.	✓	✓	✓	✓	✓	✓	✓	✓
2	CO-2: STUDENTS WILL DEVELOP THEIR MENTAL FACULTIES AND WAYS OF THINKING BY READING, WRITING, AND STUDYING BENGALI LITERATURE OF ANCIENT, MEDIEVAL AND MODERN PERIOD.	✓	✓	✓	✓		✓	✓	✓
3	CO-3: STUDENTS WILL DEVELOP SKILL FOR COMPARATIVE ANALYSIS OF VERNACULAR LANGUAGE WITH OTHER NEIGHBORING LITERATURE.	✓		✓	✓		✓	✓	✓

4	CO-4: THE INTELLIGENCE, SKILL AND EMOTIONAL DEVELOPMENT OF STUDENTS ARE ACHIEVED BY LITERARY CRITICISM.								
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Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : Education Academic Session : 2022-23									
CO Details		PO Details							
SI No.	Course Name	PO1 (Advanced Academic Knowledge: Students acquire advanced and specialized knowledge in their chosen field of study within the arts, humanities, or social sciences, developing a deep understanding of theoretical frameworks and methodologies.)	PO2 (Expertise in Academic Traditions: Graduates become experts in the historical, philosophical, cultural, or literary traditions relevant to their discipline, preparing them for advanced research, teaching, or professional roles.)	PO3 (Preparation for Doctoral Studies and Professional Careers: The programme prepares graduates for doctoral studies in their field of specialization or for careers that require advanced analytical, research, and communication skills in academia, research)	PO4 (Integration of Critical and Analytical Skills: Through rigorous coursework and research projects, students refine critical thinking abilities to analyze complex issues, interpret texts, and contribute original insights to their field of study.)	PO5 (Promotion of Ethical Scholarship and Intellectual Integrity: Graduates uphold ethical standards and intellectual integrity in their scholarly pursuits, demonstrating a commitment to rigorous academic inquiry, honesty, and respect for diverse perspectives)	PO6 (Enhancement of Communication and Presentation Skills: Graduates develop advanced communication skills, including scholarly writing, oral presentations, and academic discourse, enabling them to effectively communicate research findings and engage in s)	PO7 (Development of Research Competence: The programme emphasizes research methodologies, theoretical frameworks, and empirical research, equipping graduates with the competence to conduct independent research projects and contribute to the advancement of)	PO8 (Contribution to Academic and Cultural Discourse: Graduates are encouraged to contribute to academic and cultural discourse through publications, conference presentations, collaborations with peers, and participation in academic and cultural events, e)
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2	DEVELOP KNOWLEDGE AND UNDERSTANDING OF MAJOR SPECIALIZED AREAS IN EDUCATION.	✓	✓	✓	✓	✓	✓	✓	
3	DEVELOP CRITICAL THINKING PERTAINING TO ISSUES RELATED TO EDUCATION.	✓	✓	✓	✓		✓	✓	✓
4	ORIENT THE STUDENTS ON THE MODERN TRENDS OF EDUCATIONAL TECHNOLOGY AND THEIR APPLICATION IN EDUCATIONAL SYSTEM.	✓	✓	✓	✓		✓	✓	

5	ENHANCE THE NECESSARY COMPETENCIES TO PROVIDE BETTER INCLUSIVE CLASSROOM ENVIRONMENT TO ACCOMMODATE VARIOUS CATEGORIES OF THE STUDENTS.	✓	✓	✓	✓	✓	✓	✓	✓
6	DEVELOP COMPETENCIES TO CONDUCT RESEARCH IN EMERGING AREAS OF EDUCATION	✓	✓	✓	✓		✓	✓	✓
7	DEVELOP KNOWLEDGE AND UNDERSTANDING OF THE PROCESS OF EDUCATIONAL RESEARCH	✓	✓	✓	✓		✓	✓	✓

Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : History Academic Session : 2022-23									
CO Details		PO Details							
SI No.	Course Name	PO1 (Advanced Academic Knowledge: Students acquire advanced and specialized knowledge in their chosen field of study within the arts, humanities, or social sciences, developing a deep understanding of theoretical frameworks and methodologies.)	PO2 (Expertise in Academic Traditions: Graduates become experts in the historical, philosophical, cultural, or literary traditions relevant to their discipline, preparing them for advanced research, teaching, or professional roles.)	PO3 (Preparation for Doctoral Studies and Professional Careers: The programme prepares graduates for doctoral studies in their field of specialization or for careers that require advanced analytical, research, and communication skills in academia, research)	PO4 (Integration of Critical and Analytical Skills: Through rigorous coursework and research projects, students refine critical thinking abilities to analyze complex issues, interpret texts, and contribute original insights to their field of study.)	PO5 (Promotion of Ethical Scholarship and Intellectual Integrity: Graduates uphold ethical standards and intellectual integrity in their scholarly pursuits, demonstrating a commitment to rigorous academic inquiry, honesty, and respect for diverse perspectives)	PO6 (Enhancement of Communication and Presentation Skills: Graduates develop advanced communication skills, including scholarly writing, oral presentations, and academic discourse, enabling them to effectively communicate research findings and engage in s)	PO7 (Development of Research Competence: The programme emphasizes research methodologies, theoretical frameworks, and empirical research, equipping graduates with the competence to conduct independent research projects and contribute to the advancement of)	PO8 (Contribution to Academic and Cultural Discourse: Graduates are encouraged to contribute to academic and cultural discourse through publications, conference presentations, collaborations with peers, and participation in academic and cultural events, e)
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2	1. UPON SUCCESSFUL COMPLETION OF THE HISTORY POSTGRADUATE PROGRAM, STUDENTS WILL DEMONSTRATE A COMPREHENSIVE UNDERSTANDING OF HISTORICAL EVENTS, TRENDS, AND METHODOLOGIES, ENABLING THEM TO CONTRIBUTE SIGNIFICANTLY TO THE FIELD OF HISTORY.								
3	2. THE PROGRAM AIMS TO EQUIP STUDENTS WITH THE KNOWLEDGE, SKILLS, AND CRITICAL THINKING ABILITIES NECESSARY FOR ADVANCED RESEARCH, ANALYSIS, AND COMMUNICATION WITHIN THE DISCIPLINE.								

4	3.EXHIBIT AN IN-DEPTH UNDERSTANDING OF KEY HISTORICAL EVENTS, MOVEMENTS, AND THEMES ACROSS DIFFERENT TIME PERIODS AND GEOGRAPHICAL REGIONS.DEMONSTRATE A NUANCED COMPREHENSION OF HISTORICAL THEORIES AND METHODOLOGIES.	✓	✓	✓	✓	✓	✓	✓	✓
5	4.CONDUCT ADVANCED HISTORICAL RESEARCH USING PRIMARY AND SECONDARY SOURCES.DEVELOP AND EXECUTE A WELL-STRUCTURED RESEARCH PROJECT THAT CONTRIBUTES TO THE EXISTING BODY OF HISTORICAL KNOWLEDGE			✓	✓		✓	✓	✓
6	5.APPLY CRITICAL THINKING SKILLS TO ANALYZE HISTORICAL EVIDENCE, INTERPRETATIONS, AND ARGUMENTS.FORMULATE WELL-SUPPORTED AND REASONED HISTORICAL ANALYSES THAT CONSIDER MULTIPLE PERSPECTIVES	✓	✓	✓		✓	✓	✓	✓

7	6.COMMUNICATE HISTORICAL FINDINGS COHERENTLY AND PERSUASIVELY THROUGH ORAL PRESENTATIONS, SCHOLARLY WRITING, AND OTHER RELEVANT MEDIUMS.TAILOR COMMUNICATION STYLES FOR BOTH ACADEMIC AND	✓	✓	✓	✓		✓	✓	✓
8	7. INTEGRATE INSIGHTS FROM RELATED DISCIPLINES, SUCH AS SOCIOLOGY, ANTHROPOLOGY, AND POLITICAL SCIENCE, TO ENHANCE THE RICHNESS OF HISTORICAL ANALYSES. RECOGNIZE THE INTERDISCIPLINARY NATURE OF HISTORICAL STUDIES AND ITS IMPLICATIONS FOR BROADER ACAD	✓	✓	✓	✓		✓		✓
9	10. CULTIVATE A COMMITMENT TO CONTINUOUS LEARNING AND STAYING ABREAST OF NEW HISTORICAL RESEARCH AND METHODOLOGIES.ADAPT TO EVOLVING TRENDS AND CHALLENGES WITHIN THE FIELD OF HISTORY.	✓	✓	✓	✓		✓	✓	✓

10	8. DEMONSTRATE AWARENESS OF ETHICAL CONSIDERATIONS IN HISTORICAL RESEARCH, INCLUDING ISSUES RELATED TO BIAS, CULTURAL SENSITIVITY, AND THE RESPONSIBLE USE OF HISTORICAL NARRATIVES.			✓	✓	✓		✓	✓
11	9. COLLABORATE EFFECTIVELY WITH PEERS AND PROFESSIONALS IN THE FIELD OF HISTORY AND RELATED DISCIPLINES. EXHIBIT PROFESSIONALISM IN ACADEMIC AND RESEARCH SETTINGS.	✓	✓	✓	✓		✓	✓	✓
12	11. DEVELOP A GLOBAL PERSPECTIVE BY EXAMINING HISTORICAL EVENTS WITHIN THE CONTEXT OF INTERCONNECTED WORLD HISTORIES. FOSTER AN APPRECIATION FOR DIVERSE CULTURES AND THEIR HISTORICAL CONTRIBUTIONS	✓	✓	✓	✓		✓	✓	✓

13	12. POSSESS THE SKILLS AND KNOWLEDGE TO ASSUME LEADERSHIP ROLES IN ACADEMIA, RESEARCH INSTITUTIONS, CULTURAL ORGANIZATIONS, AND OTHER RELEVANT SECTORS.CONTRIBUTE TO THE ADVANCEMENT OF HISTORICAL SCHOLARSHIP AND THE BROADER COMMUNITY THROUGH	✓	✓	✓	✓	✓	✓	✓	✓
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Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : Philosophy Academic Session : 2022-23									
CO Details		PO Details							
SI No.	Course Name	PO1 (Broad Academic Knowledge: Students acquire a diverse and comprehensive understanding of disciplines within the arts and humanities, fostering intellectual versatility and cultural appreciation.)	PO2 (Mastery of Academic Traditions: Graduates become proficient in the historical, social, philosophical, and literary traditions of their chosen field of study, preparing them for advanced academic pursuits or professional roles.)	PO3 (Preparation for Advanced Studies and Careers: The programme prepares graduates to pursue advanced studies in their field of specialization or embark on careers that require analytical thinking, research skills, and cultural literacy.)	PO4 (Integration of Critical Thinking: Through rigorous coursework and intellectual engagement, students develop critical thinking skills to analyze complex issues, evaluate evidence, and formulate informed opinions.)	PO5 (Promotion of Ethical and Civic Values: Graduates cultivate a sense of ethical responsibility and civic engagement, applying their knowledge to address societal challenges and contribute positively to their communities.)	PO6 (Enhancement of Communication Skills: Graduates develop effective communication skills, both verbal and written, enabling them to articulate ideas persuasively, engage in scholarly discourse, and collaborate with diverse audiences.)	PO7 (Development of Research Skills: The programme emphasizes research methodologies and independent inquiry, empowering graduates to conduct scholarly research, contribute to academic knowledge, and pursue intellectual curiosity.)	PO8 (Contribution to Cultural and Intellectual Discourse: Graduates are encouraged to contribute to cultural and intellectual discourse through publications, presentations, and participation in academic and cultural initiatives, fostering creativity, inno)
1									

2	1. ABILITY IN CRITICAL THINKING SKILLS.	✓	✓	✓	✓		✓	✓	✓
3	2. UNDERSTANDING OF CONCEPTS OF RIGHT, WRONG, GOOD AND BAD; UNDERSTANDING OF MORAL PRINCIPLES AND THEIR APPLICATION IN EVERYDAY LIFE.	✓	✓	✓	✓	✓	✓	✓	✓
4	3. ABILITY TO READ AND INTERPRET PHILOSOPHICAL TEXTS.	✓		✓	✓		✓	✓	
5	4. ABILITY TO RECOGNIZE, EXPRESS AND ANALYZE ARGUMENTS IN PHILOSOPHICAL TEXTS.	✓	✓	✓	✓		✓	✓	
6	5. ABILITY TO SUMMARIZE AND EXPLAIN DIFFICULT IDEAS AND CONCEPTS	✓	✓	✓	✓		✓	✓	✓

7	6. ABILITY IN WRITING THAT REFLECTS CAREFUL ATTENTION TO LANGUAGE, LOGIC AND SUBTLETIES OF REASONING.	✓	✓	✓	✓		✓	✓	✓
8	7. ABILITY TO WRITE PHILOSOPHICAL ESSAYS THAT HAVE COHERENT THESES AND REASONABLE SUPPORTING	✓	✓		✓	✓	✓	✓	✓
9	8. ABILITY TO UNDERSTAND REALITY FROM DIFFERENT PERSPECTIVES AND THUS TO UNDERSTAND THAT DIFFERENT PEOPLE WILL DEFINE ISSUES IN DIFFERENT WAYS.	✓	✓	✓		✓	✓		✓
10	9. ABILITY IN RESEARCH METHODOLOGY.	✓	✓	✓	✓		✓	✓	✓

Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)







Department : Physics Academic Session : 2022-23										
CO Details		PO Details								
SI No.	Course Name	PO1 (PO2: Mastery of Scientific Traditions: Graduates become proficient in the traditions and advancements of their specific scientific field, preparing them for advanced studies and professional roles.)	PO2 (PO3: Preparation for Advanced Studies and Research: The programme prepares graduates to pursue advanced studies or research in specialized areas of science, fostering a pathway for career advancement in academia or industry.)	PO3 (PO4: Integration of Research Skills: Through rigorous coursework and practical experiences, students develop strong research skills, enabling them to conduct independent research and contribute to scientific innovation.)	PO4 (PO5: Critical Thinking and Problem-Solving: Graduates cultivate critical thinking abilities to analyze scientific problems, propose hypotheses, and apply scientific methods to address complex challenges in their field.)	PO5 (PO6: Promotion of Ethical and Professional Standards: The programme emphasizes ethical practices and professional standards in scientific research and practice, preparing graduates to uphold integrity and responsibility in their careers.)	PO6 (PO7: Enhancement of Communication Skills: Graduates develop effective communication skills, both oral and written, to articulate scientific ideas, present research findings, and collaborate with peers in interdisciplinary settings.)	PO7 (PO8: Contribution to Scientific Advancement: The programme encourages graduates to contribute to the advancement of knowledge through publications, presentations, and participation in scientific communities, fostering innovation and progress in their field.)	PO8 (PO1: Specialized Scientific Knowledge: Students acquire in-depth knowledge and expertise in their chosen scientific discipline, gaining a strong foundation in scientific theories, principles, and methodologies.)	PO9 ()
1	CO-1: AN ABILITY TO APPLY THE KNOWLEDGE OF PHYSICS, MATHEMATICS, COMPUTATION IN SCIENCE AND TECHNOLOGY FIELDS AND MERGE WITH COMPETENCY IN THE SUBJECT OF PHYSICS AND APPLY KNOWLEDGE TO CATER TO THE NEEDS OF SOCIETY / EMPLOYER / INSTITUTION / OWN BUSI	✓	✓	✓	✓	✓		✓	✓	

2	CO-8: APPRECIATION OF INTELLECTUAL PROPERTY, ENVIRONMENTAL AND SUSTAINABILITY ISSUES		✓	✓	✓			✓	✓	
3	CO-2: AN ABILITY TO IDENTIFY, FORMULATE AND SOLVE PHYSICAL SCIENCE AND TECHNOLOGY PROBLEMS AND IMBIBE ANALYTICAL/CRITICAL/LOGICAL/INNOVATIVE THINKING SKILLS IN THE VARIOUS FIELDS OF THEORETICAL AND EXPERIMENTAL PHYSICS.	✓	✓	✓	✓	✓		✓	✓	
4	CO-3: RECOGNIZE THE IMPORTANCE OF MATHEMATICAL MODELING SIMULATION AND COMPUTING, AND THE ROLE OF APPROXIMATION AND MATHEMATICAL APPROACHES TO DESCRIBING THE PHYSICAL WORLD AND RECOGNIZE THE NEED FOR AND HAVE AN ABILITY TO ENGAGE IN LIFE-LONG LEARNIN	✓	✓	✓	✓	✓		✓	✓	
5	CO-4: AN ABILITY TO DESIGN AND CONDUCT EXPERIMENTS AS WELL AS TO INTERPRET DATA.	✓	✓	✓	✓	✓		✓	✓	
6	CO-5: DEMONSTRATE RELEVANT GENERIC SKILLS AND GLOBAL COMPETENCIES SUCH AS PROBLEM-SOLVING, INVESTIGATIVE, COMMUNICATION, ANALYTICAL & ICT SKILLS	✓	✓	✓	✓	✓		✓	✓	
7	CO-6: AN ABILITY TO FUNCTION BOTH INDEPENDENTLY AND AS A MEMBER IN A MULTI – DISCIPLINARY TEAM.			✓	✓			✓	✓	
8	CO-7: AN UNDERSTANDING OF PROFESSIONAL AND ETHICAL RESPONSIBILITY TO ACQUIRE DISTINCT TRAITS AND ETHICS WITH HIGH PROFESSIONALISM TO GAIN A BROADER INSIGHT INTO THE DOMAIN CONCERNED FOR NATION BUILDING.			✓	✓		✓	✓	✓	









Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : Political Science Academic Session : 2022-23									
CO Details		PO Details							
SI No.	Course Name	PO1 (Broad Academic Knowledge: Students acquire a diverse and comprehensive understanding of disciplines within the arts and humanities, fostering intellectual versatility and cultural appreciation.)	PO2 (Mastery of Academic Traditions: Graduates become proficient in the historical, social, philosophical, and literary traditions of their chosen field of study, preparing them for advanced academic pursuits or professional roles.)	PO3 (Preparation for Advanced Studies and Careers: The programme prepares graduates to pursue advanced studies in their field of specialization or embark on careers that require analytical thinking, research skills, and cultural literacy.)	PO4 (Integration of Critical Thinking: Through rigorous coursework and intellectual engagement, students develop critical thinking skills to analyze complex issues, evaluate evidence, and formulate informed opinions.)	PO5 (Promotion of Ethical and Civic Values: Graduates cultivate a sense of ethical responsibility and civic engagement, applying their knowledge to address societal challenges and contribute positively to their communities.)	PO6 (Enhancement of Communication Skills: Graduates develop effective communication skills, both verbal and written, enabling them to articulate ideas persuasively, engage in scholarly discourse, and collaborate with diverse audiences.)	PO7 (Development of Research Skills: The programme emphasizes research methodologies and independent inquiry, empowering graduates to conduct scholarly research, contribute to academic knowledge, and pursue intellectual curiosity.)	PO8 (Contribution to Cultural and Intellectual Discourse: Graduates are encouraged to contribute to cultural and intellectual discourse through publications, presentations, and participation in academic and cultural initiatives, fostering creativity, inno)
1									

2	CO-5. THE PROGRAMME NOT ONLY ENHANCES THEIR KNOWLEDGE OF THE SUBJECT BUT ALSO INCREASE AN INTELLIGENT HUMANISTIC UNDERSTANDING OF THE MODERN WORLD AND ITS POLITICS.								
3	CO-4. THE PROGRAMME PROVIDES GOOD CAREER OPPORTUNITIES SUCH AS TEACHING, CIVIL SERVICES, POLICY ANALYST THROUGH WHICH STUDENTS CAN SERVE THE SOCIETY.								

4	CO-3. THE PROGRAMME ENABLES THE STUDENTS TO ENHANCE THEIR SKILLS AND ABILITY TO MAKE DECISIONS, TO EVALUATE PROBLEMS AND SOLUTIONS, TO WORK AS A TEAM LEADER THROUGH ASSIGNMENTS, PROJECT WORKS AND FIELD WORKS.	✓	✓	✓	✓		✓	✓	✓
5	CO-2. THE PROGRAMME MOTIVATES THE STUDENTS TO UNDERSTAND AND FOLLOW THE CHANGES IN POLITICAL BEHAVIOURS, OPINIONS AND STRUCTURES.	✓	✓	✓	✓	✓		✓	✓

6	CO-1. THE PROGRAMME PROVIDES KNOWLEDGE ABOUT CURRENT AND PAST POLITICAL EVENTS ACROSS THE WORLD.								
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Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : Sanskrit Academic Session : 2022-23									
CO Details		PO Details							
SI No.	Course Name	PO1 (Broad Academic Knowledge: Students acquire a diverse and comprehensive understanding of disciplines within the arts and humanities, fostering intellectual versatility and cultural appreciation.)	PO2 (Preparation for Advanced Studies and Careers: The programme prepares graduates to pursue advanced studies in their field of specialization or embark on careers that require analytical thinking, research skills, and cultural literacy.)	PO3 (Mastery of Academic Traditions: Graduates become proficient in the historical, social, philosophical, and literary traditions of their chosen field of study, preparing them for advanced academic pursuits or professional roles.)	PO4 (Integration of Critical Thinking: Through rigorous coursework and intellectual engagement, students develop critical thinking skills to analyze complex issues, evaluate evidence, and formulate informed opinions.)	PO5 (Promotion of Ethical and Civic Values: Graduates cultivate a sense of ethical responsibility and civic engagement, applying their knowledge to address societal challenges and contribute positively to their communities.)	PO6 (Enhancement of Communication Skills: Graduates develop effective communication skills, both verbal and written, enabling them to articulate ideas persuasively, engage in scholarly discourse, and collaborate with diverse audiences.)	PO7 (Development of Research Skills: The programme emphasizes research methodologies and independent inquiry, empowering graduates to conduct scholarly research, contribute to academic knowledge, and pursue intellectual curiosity.)	PO8 (Contribution to Cultural and Intellectual Discourse: Graduates are encouraged to contribute to cultural and intellectual discourse through publications, presentations, and participation in academic and cultural initiatives, fostering creativity, inno)

1	CO-1: THE PROGRAMME HAS ENABLED UG LEVEL STUDENTS OF SANSKRIT TO BE INTRODUCED WITH INDIAN AGEOLD CULTURE AND HERITAGE BY THE REVIVAL OF SANSKRIT LANGUAGE WITH FOUR BASIC LANGUAGE SKILLS I.E. READING, WRITING, SPEAKING AND LISTENING.	✓	✓	✓	✓		✓	✓	✓
2	CO-6: STUDENTS ARE INTRODUCED TO THE DIFFERENT TRENDS OF MODERN SANSKRIT STUDIES SO THAT THEY BECOME INTERESTED IN PRACTICING SANSKRIT ON VARIOUS CURRENT ISSUES.	✓	✓	✓	✓		✓		✓

3	CO-5: UNDERSTAND THE SCIENTIFIC STRUCTURE OF SANSKRIT GRAMMAR, ENHANCE THE ABILITY TO READ SANSKRIT TEXT MINUTELY WITH SPECIAL ATTENTION ON MEANING.	✓	✓	✓	✓		✓	✓	✓
4	CO-4: ACQUIRE HIGH PROFICIENCY AND KNOWLEDGE TO UNDERSTAND THE TRADITIONAL AND CONTEMPORARY METHODS TO DEAL WITH SANSKRIT LITERATURES, ANCIENT SHASTRAS OR PHILOSOPHICAL TEXTS.	✓	✓	✓	✓		✓		✓

5	CO-3: CREATE COGNIZANCE ABOUT INTERDISCIPLINARY APPROACHES OF SANSKRIT LANGUAGE AND ENHANCE KNOWLEDGE OF PALEOGRAPHY BY ENCOURAGING STUDENTS TO WRITE DEVNAGARI SCRIPTS WITH UNDERSTANDING THE BASIC ESSENCE OF SUBJECT MATTER.								
6	CO-2: UNDERSTAND THE ETHICAL AND MULTIDIMENSIONAL ASPECTS OF SANSKRIT RESOURCES.								







Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : Travel & Tourism Management Academic Session : 2022-23

CO Details		PO Details							
SI No.	Course Name	PO1 (PO-1: Broad Academic Knowledge: Students acquire a diverse and comprehensive understanding of disciplines within the arts and humanities, fostering intellectual versatility and cultural appreciation.)	PO2 (PO-2: Mastery of Academic Traditions: Graduates become proficient in the historical, social, philosophical, and literary traditions of their chosen field of study, preparing them for advanced academic pursuits or professional roles.)	PO3 (PO-3: Preparation for Advanced Studies and Careers: The programme prepares graduates to pursue advanced studies in their field of specialization or embark on careers that require analytical thinking, research skills, and cultural literacy.)	PO4 (PO-4: Integration of Critical Thinking: Through rigorous coursework and intellectual engagement, students develop critical thinking skills to analyze complex issues, evaluate evidence, and formulate informed opinions.)	PO5 (PO-5: Integration of Critical Thinking: Through rigorous coursework and intellectual engagement, students develop critical thinking skills to analyze complex issues, evaluate evidence, and formulate informed opinions.)	PO6 (PO-6: Enhancement of Communication Skills: Graduates develop effective communication skills, both verbal and written, enabling them to articulate ideas persuasively, engage in scholarly discourse, and collaborate with diverse audiences.)	PO7 (PO-7: Development of Research Skills: The programme emphasizes research methodologies and independent inquiry, empowering graduates to conduct scholarly research, contribute to academic knowledge, and pursue intellectual curiosity.)	PO8 (PO-8: Contribution to Cultural and Intellectual Discourse: Graduates are encouraged to contribute to cultural and intellectual discourse through publications, presentations, and participation in academic and cultural initiatives, fostering creativity)

1	CO-1: TO GET A THOROUGH UNDERSTANDING OF THE COMPONENTS OF TOURISM INDUSTRY AND TO ACQUIRE KNOWLEDGE AND INFORMATION PERTAINING TO TOURISM INDUSTRY.	✓	✓	✓	✓	✓			✓
2	CO-2: TO HELP STUDENTS ACQUIRE PRACTICAL SKILLS IN ALL THE MAJOR ARENAS OF THE INDUSTRY.	✓	✓	✓	✓	✓	✓	✓	✓
3	CO-3: TO ORIENT AND EQUIP STUDENTS WITH TRAVEL MANAGEMENT SKILLS OF THE AGE.	✓	✓	✓	✓		✓	✓	✓
4	CO-4: TO DEVELOP HOSPITALITY CULTURE AND BEHAVIOR AND TO ENHANCE STUDENT COMPETENCIES.	✓	✓	✓	✓	✓	✓	✓	✓

5	CO-5: TO DEVELOP ENTREPRENEURIAL SKILLS AMONG STUDENTS.								
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Gobardanga Hindu College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : Zoology Academic Session : 2022-23									
CO Details		PO Details							
SI No.	Course Name	PO1 (PO-1. Specialized Scientific Knowledge: Students acquire in-depth knowledge and expertise in their chosen scientific discipline, gaining a strong foundation in scientific theories, principles, and methodologies.)	PO2 (PO-2. Mastery of Scientific Traditions: Graduates become proficient in the traditions and advancements of their specific scientific field, preparing them for advanced studies and professional roles.)	PO3 (PO-3. Preparation for Advanced Studies and Research: The programme prepares graduates to pursue advanced studies or research in specialized areas of science, fostering a pathway for career advancement in academia or industry.)	PO4 (PO-4. Integration of Research Skills: Through rigorous coursework and practical experiences, students develop strong research skills, enabling them to conduct independent research and contribute to scientific innovation.)	PO5 (PO-5. Critical Thinking and Problem-Solving: Graduates cultivate critical thinking abilities to analyze scientific problems, propose hypotheses, and apply scientific methods to address complex challenges in their field.)	PO6 (PO-6. Promotion of Ethical and Professional Standards: The programme emphasizes ethical practices and professional standards in scientific research and practice, preparing graduates to uphold integrity and responsibility in their careers.)	PO7 (PO-7. Enhancement of Communication Skills: Graduates develop effective communication skills, both oral and written, to articulate scientific ideas, present research findings, and collaborate with peers in interdisciplinary settings.)	PO8 (Contribution to Scientific Advancement: The programme encourages graduates to contribute to the advancement of knowledge through publications, presentations, and participation in scientific communities, fostering innovation and progress in their field.)

1	CO-1. APPLY THE KNOWLEDGE OF VARIOUS BRANCHES OF ZOOLOGY MEANT BOTH FOR A GRADUATE COURSE AND HIGHER STUDIES.	✓	✓	✓	✓	✓	✓	✓	✓
2	CO-2. ACQUIRE BASIC SKILLS IN THE OBSERVATION AND STUDY OF NATURE, BIOLOGICAL TECHNIQUES AND SCIENTIFIC INVESTIGATION.	✓	✓	✓	✓	✓			✓
3	CO-3. DEVELOP POSITIVE ATTITUDE TOWARDS SUSTAINABLE DEVELOPMENT.	✓	✓	✓	✓	✓	✓		✓

4	CO-4. UNDERSTAND THE UNITY OF LIFE WITH THE RICH DIVERSITY OF ORGANISMS AND THEIR ECOLOGICAL AND EVOLUTIONARY SIGNIFICANCE.	✓	✓	✓	✓	✓		✓	✓
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