

Government Lal Shyam Shah College

Manpur Rajnandgaon (C.G.)

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Program Outcomes, Programme Specific Outcomes and Course Outcomes

Government Lal Shyam Shah College, Manpur is affiliate to Hemchand Yadav University, Durg. Our college offers three under-graduate courses i.e. Bachelor of Arts, Bachelor of Commerce and Bachelor of Science. The post graduate courses offered by the college include M.A. Political Science, M.A. Geography, M.A. Sociology, M.A. Hindi, M.A English and Master of Commerce. The college follows the syllabus of Hemchand Yadav University, Durg for all the under graduate and post graduate courses.

Program Outcomes, Programme Specific Outcomes and Course Outcomes **For Under Graduate Courses**

Bachelor of Arts - B.A.

Bachelor of Arts (B.A.) is a 3-year bachelor's degree program awarded for an undergraduate course in liberal arts. The arts and humanities course gives an insight of cultural understanding and awareness. Arts has numerous majors to choose from including literature, geography, sociology, history and political science etc.

Program Outcomes:

- The program aims to offer education that is accessible to students with a wide range of educational backgrounds and professional and personal circumstances. In the current Society the Arts stream is playing a very crucial role amongst student's career.
- Students can go for a career option in various areas following successful accomplishment of their Bachelor of Arts degree. Employment opportunities include Historian, Economist, Educationist, Political Scientist, Social Activist, Personnel Manager, Sociologist, Public Relation Executive, Lawyer, Journalist and so on.
- This course also offers opportunities to undergraduates in Banking jobs, SSC, Railway and even Civil services. They can appear for almost every exam where science is not the basic eligibility.

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- The program enables the students to acquire knowledge with facts and figures concerned with subjects such as Languages, Geography, Education, History, Economics, Psychology etc.
- The program gives the basic and advanced knowledge pertaining to the subjects they opt for and the compulsory papers for each semester gives the students the wider knowledge about the concepts.
- The program helps in making the students aware about social, moral and ethical values through learning humanities.
- The program is designed in such a way that it ensures the development of multiple communication skills that complement to personality development of students.


Programme Specific Outcomes and Course Outcomes Under Bachelor of Arts

1. Political Science:

Political Science as a subject is very helpful for the students at the undergraduate level because it is the course with a significant thrust on Indian constitution, Indian politics and government, Public administration and International relations orients its students towards national and state level competitive examinations such as NET, SET, CSC, PSC, WBCS and IAS etc. Students can take up journalism as a popular career option. The course also provides the skill of public speaking among the students.

Programme Specific Outcomes and Course Outcomes

- Familiarize students with the basic concepts of political science, Western political thought etc.
- It is helpful to the students to understand Indian political thought and Political process in India
- Expose students to Public administration, International relations.
- Develop knowledge of Indian administration and International organisation. Subject knowledge pertaining to the political issues across the world, gives insights about the political scenario and process.


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2. Economics

The subject economics is helpful to get preliminary idea of economic theories. It is also helpful to know about the economic variables including inflation, unemployment, poverty, Gross domestic product, balance of payment using various statistical methods and software too. The subject also provides insights of Indian and world economy. India being a mixed economy country the subject is helpful to analyze the macroeconomic policies including fiscal and monetary policies. The economics graduates can also shape their future in various central planning commissions, banking sectors, RBI and can be economic advisors to nation as well as to MNCs which have wider scope in the current society. Economics prepares students for career as professionals or researchers in the field of Economics. The students can fetch the degree and continue with the masters which has brighter future and can take up the competitive exams like Indian Economic Services (IES).

Programme Specific Outcomes and Course Outcomes

- Understand the utility of economics in day-to-day life
- Learn micro foundation of economics, study of other branches of economics, theories of consumer behavior, demand and supply etc
- Understand working of modern economy, macro economics and national income, theories of employment, theories of business cycles.
- Obtain knowledge about the working of different types of banks, fluctuation in price levels and measurement same through index numbers, inflation and deflation etc.
- Understand changing trends in Indian economy and leading issues in India's economic development

3. Geography

Human Geography involves understanding the origin, migration, growth, human race, problem of population, mode of living, man resource, demographic changes and man-land ratio. Economic Geography deals with the distribution and production of resource, mobilization, utilization and exploitation of resources, sustainable development and future trend, environmental problems and optimum utilization of resources, economic activity and human resource.

Programme Specific Outcomes and Course Outcomes

- The course equips students with Cartographic and Quantitative Methods of study and use of Statistical techniques, principles of application of Geographical Information System,

GPS and Remote Sensing. Some other areas are Population and Settlement Geography, Social and Political Geography which studies environmental influences on population.

- This course will develop in student's various interest in the understanding of fundamental laws of Environment, principles and theories along with their applications.
- Studying Geography require moderate level of competence in Statistics and computer knowledge, so students can develop skill in analyzing complex problems by using the previous knowledge to solve them.
- This course also creates an interest in higher studies and research in various branches of Geography

4. Sociology

The course is helpful to know one's own society, its culture, institutions, and patterns of interactions among people. Whereas, the process of socialization is helpful to mould the personality. Knowledge about Indian society, Social problems, and Research methodology are helpful to the students and the field work following survey method enable the students to interact with people from other communities and elicit their views that in turn make the students aware of diverse social problems of people as well as address them through immediate or long term solutions. The knowledge about functioning of various social institutions in society and how it fabricates unequal realities for people the wider knowledge about the basic principles of sociology, theories of different social processes are very helpful to the students and specially those who take up competitive exams as it is one of the most scoring subjects in KAS. Students can fetch good jobs in social sectors and in community services; a civil service aspirant can opt for the subject.

Programme Specific Outcomes and Course Outcomes

- This paper is expected to clarify and broaden the student's notion about the subject, the basic concepts used and some universal societal processes. This will provide a wholesome picture about what the subject is all about.
- Get to know the convergence and divergence of Sociology with other social science disciplines in terms of the subject matter, nature and scope of the discipline and its approach.
- Understand principles of sociology and Indian Society
- Learn western thought and study about Indian thinkers
- Obtain knowledge about research methodology.

- Understand social problems and urban sociology. This will develop the sociological insight among students and is necessary for constructing better future and reality for human world.
- Know the basic social institutions like family, marriage, kinship in a scientific way
- Understand and demonstrate how self develops through various process of interaction. Demonstrate how societal and structural factors influence individual behaviour

5. English:

Studying English is helpful to enhance creative writing skills and critical thinking skills at the end of the course. Prepare students for the professional corporate as well as government job market. The course also provides knowledge about social networking, environmental issues, health issues, mass communication etc. On completion of the course the subject will increase self-confidence, prepare them for higher education, produce successful graduates, and develop research aptitude.

Programme Specific Outcomes and Course Outcomes

- Understand how the English language has changed over time from its origin to the present day.
- Understand the relationship between the history of English language and social and political processes.
- Students will be able to write effectively for a variety of professional and social settings. They will practice writing as a process of motivated inquiry, engaging other writers' ideas as they explore and develop their own. To demonstrate awareness of English language and literature in various contexts.
- To Communicate and present the ideas and use the sources accurately and effectively.
- To enhance the linguistic translation and vocabulary skills.
- Students will be able to prepare, organize, and deliver an engaging oral presentation in English.
- Students will express their own ideas as informed opinions that are in dialogue with a larger community of interpreters, and understand how their own approach compares to the variety of critical and theoretical approaches.

6. Hindi

This course is basically an introduction to the fundamental aspects of the Hindi language and literature. This course aims to teach various aspects of the language by introducing them to various literary works. This provides exposure to the rich heritage of this language as well as delves deeper into the study of linguistics, applied grammar, translation and vast literature in Hindi.

Programme Specific Outcomes and Course Outcomes

- Develops a bonding with the National language of the student.
- The student gets to know and understand Hindi language in a far better way.
- The student gains the knowledge and understanding of the various intricacies of the grammar and literature of Hindi.
- The student gains the knowledge and understanding of the rich folk and cultural heritage of India.
- The individual gets to know of the unifying language and develops a reverence for it
- Knowledge of Hindi language helps them to think critically while studying Hindi literature. They are able to relate pleasure of literature and real life.

Bachelor of Commerce - B. Com

Similar to the B.A. program, the Bachelor of Commerce (B. Com) program is divided into three parts i.e. Part -1 first year, Part -2 Second Year and Part -3 third year. The Programme aims to make the students employable and self-employment oriented (Self employable). It aims to make the students learn the writing and interpretation of books of accounts, be conversant with the financial and economic environment and acquire the management skills required to manage the business. The programme includes imparting and developing the oral and written communication, Information Technology and statistical skills as well as legal knowledge. Considering the importance of self-employment, the programme aims to develop and inculcate entrepreneurial skills among the students. Overall the course aims to work on the enrolled students to make them more productive, self-reliant and constructive for self and society's benefit.

Program Outcomes

- This program provides well trained professionals for the Industries, Banking Sectors, Insurance Companies, Financing companies, Transport agencies, etc. to meet the well trained manpower requirements in the areas like Marketing Manager, Selling Manager, over all Administration etc.
- The program helps to build a strong foundation of knowledge in different areas of commerce among students and develop the skill of applying concepts and techniques used in Commerce.
- The program exposes the students about taxation, stock market, entrepreneurship, international business, marketing etc.
- The program enables the students to become capable of making financial decisions at personal and professional level.
- The program opens many career opportunities for the students including the career in banking, corporate jobs, higher education and research, starting own businesses etc.

Program Specific Outcomes and Course Outcomes

- After completing three years of B. Com program, students would gain a thorough grounding in the fundamentals of commerce. The students get the practical exposures which would equip them to face the modern day challenges in commerce.
- The students would become well equipped to prepare the various accounts like trading and profit and loss a/c, branch a/c, royalty a/c etc.
- After the successful completion of the course the students will be able to demonstrate basic knowledge & skill in business mathematics & elementary statistics by accurately performing common business computations, statistical data presentation & analysis.
- Students will learn about ethics, communication skills, social responsibility of business.
- They will be able to understand the functioning of business sector and it will help them in their professional life
- The students will become aware about the concept of demand, supply, pricing and production function. They get to know the phenomenon which regulates the overall functioning of the economy
- Students will learn about new provisions of different acts for the maintenance of company accounts.

- They will be aware of the skills competencies, techniques and knowledge needed to successfully manage an organization. Students will be also able to deal with the day to day affairs of business, marketing, advertising etc.
- It helps to build an idea about income from salaries, house property, business profession, capital gains and other sources as a concept.

Bachelor of Science – B.Sc. (Biology)

Bachelor of Science programme in Botany deals with the deeper understanding of the scientific issues for day to day application. It prepares the students to understand the impact of development on environment safety and its significance for sustainable ways of development. How the plants are essential to life sustenance and its anatomy, physiology, morphology are the main topics of this programme

Program Outcomes

- Graduates from botany get to work outdoors, in forests, parklands, or fields. Others work in laboratories, museums, in botanical gardens, or in industry.
- Graduates also go into fields as diverse as biotechnology, environmental monitoring and protection, and agriculture.
- More than half of Botany students go on to post graduate/higher studies in natural science, agriculture, environmental sciences, and education.
- Students can work to develop organic farming.

Program Specific Outcomes and Course Outcomes

- Mainly reveals the importance of plants, their diversity and conservation. Achieve knowledge of pure and applied botany. Understand contribution of botany in increase and improve our supply of medicines, food, fibers and other plant products.
- It helps to understand health and environmental protection and to solve the pollution problems.
- knowledge of botany is an essential pre-requisite for the pursuit of many applied sciences like Agriculture, Horticulture, Sericulture, Forestry, Pharmacology and Medicine.
- It helps students to understand contribution of botany in the improvement and supply of medicines, food, fibers and other plant products.

- It helps students to understand health and environmental protection and to solve the pollution problems.

Bachelor of Science - B.Sc. (Mathematics)

The Bachelor's Degree in B.Sc. Mathematics is awarded to the students on the basis of knowledge, understanding, skills, attitudes, values and academic achievements sought to be acquired by learners at the end of this program. Hence, the learning outcomes of mathematics for this course are aimed at facilitating the learners to acquire these attributes, keeping in view of their preferences and aspirations for knowledge of mathematics. Mathematics is the study of quantity, structure, space and change. It has very broad scope in science, engineering and social sciences. The key areas of study in mathematics are Calculus, Algebra, Geometry, Analysis, Differential Equations and Mechanics.

Program Outcomes

- Students acquire the knowledge with facts and figures related to Mathematics, Physics and Chemistry.
- A student should get a relational understanding of mathematical concepts and concerned structures, and should be able to follow the patterns involved, mathematical reasoning.
- It enhances the student's ability to analyze a problem, identify and define the computing requirements, which may be appropriate to its solution.
- It enhances the student's ability to pursue advanced studies and research in pure and applied mathematical science
- Students understand the basic concepts, fundamental principles and scientific theories related to various scientific phenomena and their relevance in the day-to-day life.
- Students come to know about the application of mathematics in different fields.
- Able to pursue higher studies in Mathematics and Computer Application
- Analyze given data and draw the conclusion.
- Been able to think creatively to propose novel ideas in explaining facts and figures or providing new solutions to the problems.

Course Outcomes and Programme Specific Outcomes Under B.Sc. Mathematics

- Know when there is a need for information, to be able to identify, locate, evaluate, and effectively use that information for the issue or problem at hand.
- Understand the limit of functions, use to prove properties of continuous functions and derivative of functions
- Demonstrate when a binary algebraic structure forms Group and Group properties
- Treat special types of Rings such as Euclidean domain and Principal ideal domain
- Solve linear and nonlinear equations
- Calculate definite integral using an appropriate numerical method
- Acquire good knowledge and understanding in advanced areas of mathematics and statistics, chosen by the student from the given courses.
- Understand, formulate and use quantitative models arising in social science, Business and other contexts.
- Use the methods to design experiments, analysis and interpretation of data and synthesize the information to provide valid conclusion

Program Outcomes, Programme Specific Outcomes and Course Outcomes for Post Graduate Courses

Master of Commerce - M. Com

M.Com is the most exalted two-year full time postgraduate programme in commerce. The 2-year course delves deeper into the functioning of the economy, capital, revenue, trade, taxes, etc. taught in B.Com. The course aims at providing specialization to the students in the field of Finance and Marketing. The course provides an extreme and rigorous base for teaching, research and allied business administration. The programme is well received in the industry and for years had been serving the needs of managerial cadre. The course serves the needs of academics and prepares students for research and teaching.

Program Outcomes

- To inculcate the knowledge of business and the techniques of managing the business with special focus on marketing, Insurance and banking theory law and practices.

- To impart the knowledge basic accounting principles and the latest application oriented corporate accounting methods.
- To develop the decision making skill through costing methods and practical application of management accounting principles.
- To enhance the horizon of knowledge in various field of commerce through advertising and sales promotion, auditing and entrepreneurial development.
- To enhance the computer literacy and its applicability in business through latest version on tally and e-commerce principles.
- To create awareness in application oriented research through research for business decisions.

Course Outcomes and Programme Specific Outcomes Under B.Sc. Mathematics

- To provide a systematic and rigorous learning and exposure to Banking and Finance related disciplines. To train the student to develop conceptual, applied and research skills as well as competencies required for effective problem solving and right decision making in routine and special activities relevant to financial management and Banking Transactions of a business.
- To acquaint a student with conventional as well as contemporary areas in the discipline of Commerce.
- To enable a student well versed in national as well as international trends.
- To facilitate the students for conducting business, accounting and auditing practices, role of regulatory bodies in corporate and financial sectors nature of various financial instruments.
- To provide in-depth understanding of all core areas specifically Advanced Accounting, International Accounting, Management, Security Market Operations and Business Environment, Research
- After Completing Masters in Commerce students are able to
- Develop an ability to apply knowledge acquired in problem solving.
- Ability to work in teams with enhanced interpersonal skills and communication.
- The students can work in different domains like Accounting, Taxation, HRM, Banking and Administration

M.A. Hindi Literature

MA Hindi is a postgraduate course that deals with the Hindi language as a specialization. MA Hindi full form is Master of Arts in Hindi. The main focus of the Masters in Hindi program is to expose learners to a wide variety of Hindi literature. In this particular degree course, the main emphasis is given on Hindi literature's overall aspects. There are many job opportunities available to graduates after obtaining a MA Hindi qualification.

Program Outcomes

- Make an in depth study and analysis of the literary works through which a thorough exposure to the distinctions of literature will be depicted.
- Gain awareness on the importance of Literature in addressing contemporary issues such as environmental concerns, gender issues, societal problems, thereby giving effective solution to such problems.
- Imparting the knowledge of Hindi as a world language and make communicate both in speaking and writing in a variety of contexts and genres.

Program Specific Outcomes and Course Outcomes

- Good knowledge of literature that includes the comprehension of recent developments in Hindi language and literature the world over
- Identify, formulate, research literature, and analyze language problems to arrive at substantiated conclusions using critical approaches to literature.
- Major impact on the development of society, helped shaping civilizations, bringing transformations, changing political systems and exposing injustice by giving a detailed preview of human experiences.
- Creative skills to investigate, analyse, and synthesize information, literary concepts and theories.
- Create, select, and apply appropriate approaches to literature, resources, and modern literary theories.
- Acquire a comprehensive knowledge of the historical, literary and theoretical aspects of Hindi Literature, and all the genres of literature leading to the understanding of literary movements from the times immemorial.

M.A. English

The programme aims to develop the ability of students to critically examine and restate their understanding of literary texts employing individual linguistic skills, engendering application of literary concepts and critical approaches to arrive at the core and essence of narratives. The learning process would also lead to a larger comprehension of global and national social issues thereby facilitating the students to address them proactively.

Program Outcomes

- Interpret and demonstrate their understanding of form, structure, narrative techniques, devices and style.
- Analyse and apply various literary concepts and critical approaches.
- Organize and integrate the acquired knowledge towards individualistic compositions.
- Will be able to present, appraise and defend arguments with conviction and confidence.
- Familiarize with the conventions of diverse textual genres including fiction, non-fiction, poetry, autobiography, biography, Journal, film, plays, editorials etc.

Program Specific Outcomes and Course Outcomes

- To develop reading, writing and analytical skills and communicate their ideas critically, creatively, and persuasively through the medium of language in the current informative and intensive society.
- To expose to a range of contexts where the language is used to meet a variety of real life communication needs.
- To equip with the practical, emotional, intellectual and creative aspects of language by integrating knowledge and skills.
- To develop their critical thinking capabilities focused through the course as an important need to enhance the following language skills Spoken and written communication. ii. Writing of Resume, letter writing, email & advertisement writing. iii. Writing News-report, Essay, paragraph and review. iv. Narration of experience and daily routine. v. Interview Techniques.
- To inculcate a deeper appreciation of cultural diversity by introducing them to poetry from a variety of cultures throughout the world.

- To enhance their own creativity, interpret literary texts in English by nurturing and utilizing their ability to understand drama in a skilled, knowledgeable, and ethical manner.
- Conceptualize the Genre of Novel and its types viz. Allegorical, Gothic, Historical, Epistolary, Picaresque, and Psychological.
- Become well acquainted with the literary genre of Novel and Short Story and literary devices of allegory and metaphor, satire, and stream of consciousness technique.
- Conceptualize various types of drama viz. Tragedy, Comedy, Farce, Melodrama, Historical Plays through the prescribed texts and analyze the effect they create in the audience or readers

M.A. Political Science

Political Sciences as 'Master Science' had spawned International Relations, later emerging as an autonomous discipline, Comparative Politics later shifting to Area Studies and Public Administration which again became an autonomous discipline though taking a turn to management and policy studies. This Masters programme provides a broad view of this disciplinary development. Completion of the bachelor programme in Political Science leads a significant thrust on the knowledge of Indian Constitution, Indian Politics and Government, Public Administration and International Relations. It also requires students to study the constitutions of China, Switzerland, United Kingdom and America. The course includes Sociology, Women and Politics, Western and Indian Political Thinkers and Human Rights.

Program Outcomes

- The programme familiarizes the students with different approaches to the study of politics and orients them on contemporary political problems and behaviour thus enabling them to formulate a general idea on political phenomena.
- It also helps them to comprehend the basic structure and processes of government systems. The programme prepares students for pursuing higher education in Political Science.
- It orients students towards national and state level competitive examinations like APSC, UPSC, etc. Many students also pursue courses in Law.
- It also studies the concept of different political systems, Indian Government and politics, knowledge about Indian constitution, theories of International relations, concept of interrelations among the states and its impact, legislative practices and procedures, human

rights, social movements in contemporary India, basic theories of public administration and local governance.

Program Specific Outcomes and Course Outcomes

- The programme provides a balanced treatment between the Western and the Indian political thought and theory.
- The programme provides a balanced treatment to both empirical and normative aspects of the discipline of Political Science.
- The students get a balanced footing on concepts and methodology as the programme has made Research Methodology and Field Research compulsory.
- The programme draws inputs from allied disciplines and empowers the students with an interdisciplinary focus and understanding.
- The Programme draws on research thrust areas of the Department like India's state and sub-state politics, public policy, India's foreign policy, women and politics and social movements, to name a few.
- The programme supports problem solving skills, thinking, creativity through assignments, project work, both individual and group based.
- The programme empowers and motivates students for research in Political Science and related fields.
- The course provides a comprehensive understanding of contemporary issues in global politics. With the help of this course, students will be able to learn the dynamics of larger issues in global politics like state, human rights, nuclear security, human security and environment and the way the global institutions are responding to these different social and economic concerns.
- After completing this course student will develop a clear and comprehensive understanding of fundamental theories and dynamics of political economy in India. Students will also have a sound grasp of the key elements of Indian traditions of thought about international relations and foreign policy.
- The students will understand the federal process in India, the issues underlying political dynamics of regions, the changing power relations between center and states over a period of time and the nature of party system and electoral politics at the state level.

M.A. Sociology

Sociology is the science that deals with the study of the manifestations, systems and social relations, a careful analytical and descriptive study through the pursuit of different research methods, in order to reach the rules and laws governing the conduct of these phenomena and social relations. This science also means understanding the nature of various social realities so that this society can draw up strategic plans, set goals and programs that will work to increase progress and raise society. In this article, we will inform you of the most important goals that this science means.

Program Outcomes

- The program enables the students to think critically about the causes and consequences of social inequality.
- The program enables the students to design and evaluate empirical sociological research.
- The program enables the students to explain and apply the major theoretical perspectives in sociology.
- The program enables the students to communicate orally and in writing about sociological concepts.
- The program enables the students to use their sociological education outside of the undergraduate classroom, particularly in their careers or further education.
- This course also helps students to qualify the NET/JRF/SET and Competitive Exams such as CGSC/UPSC/Social Welfare Departments and others etc.

Program Specific Outcomes and Course Outcomes

- Explain the sociological perspective, broadly defined; use sociological theory to explain social problems and issues; make theoretically-informed recommendations to address current social problems; and demonstrate the utility of the sociological perspective for their lives
- Demonstrate the ability to interpret, locate, evaluate, generate, and use sociologically relevant data to test hypotheses and draw evidence-based conclusions.
- Integrate sociological theory, research, and data in order to assess various explanations of social phenomena and to assess social policy.

- This course is designed such way that offers multiple opportunities to the learners. After completion of this course, student would get job opportunities in the fields of teachings, research, NGOs, corporate sectors and Governmental sectors.
- This course has also relevance in the field of production of knowledge about the human behavior, social issues and phenomena.
- This knowledge would be helpful to the policy makers, developmental organizations, researchers, social activist and social scientists.
- This course makes differentiate between common sense knowledge and sociological knowledge and this course provides scientific vocabulary, terms, concepts, methods and perspectives in accessing the social issues, events and problems.
- The sociological knowledge would be useful in the social engineering and social reconstruction of the social structure. The sociology not only provides employment opportunities alone, but also makes the students rational, critical and logical.

M.A. Geography

A geography degree provides students with the knowledge and skills you need to begin a variety of rewarding careers. Geographers work as urban planners, GIS technicians and analysts, disaster preparedness planners, teachers, environmental scientists, remote sensing analysts, transportation planners, demographers, hydrologists and in a variety of other areas.

Program Outcomes

- Students will have a general understanding of physical geographic processes, the global distribution of landforms and ecosystems, and the role of the physical environment on human populations.
- Students will have a general understanding of global human population patterns, factors influencing the distribution and mobility of human populations including settlement and economic activities and networks, and human impacts on the physical environment.
- Students will be able to think in spatial terms to explain what has occurred in the past as well as using geographic principles to understand the present and plan for the future.
- Students will have a general understanding of how the physical environment, human societies, and local and global economic systems are integral to the principles of sustainable development.


- Students will have a general understanding of the various theoretical and methodological approaches in both physical and human geography and be able to develop research questions and critically analyze both qualitative and quantitative data to answer those questions.

Program Specific Outcomes and Course Outcomes

- Students will develop a solid understanding of the concepts of “space,” “place” and “region” and their importance in explaining world affairs.
- Students will understand general demographic principles and their patterns at regional and global scales.
- Students will be able to locate on a map major physical features, cultural regions, and individual states and urban centers.
- Students will understand global and regional patterns of cultural, political and economic institutions, and their effects on the preservation, use and exploitation of natural resources and landscapes.
- Students will understand the key concepts in physical geography of environmental systems, process linkages, variable scale, and "cause and effect" and how they relate to the influence of climate, geology, and human activities in shaping the earth surface.
- Students will be able to use accepted field, laboratory, geospatial, and statistical techniques to quantify the quantity, characteristics, and history of physical phenomena for geographic research and natural resources management.
- Students will be able to use the scientific method including critical thinking, sampling, hypothesis formulation and testing, and controlled experimentation to assess environmental problems, and be able to effectively communicate research objectives, methodology, results, interpretations, and conclusions in oral and written formats.
- Evaluate how historical events have been influenced by, and have influenced, physical and human geographic factors in local, regional, national, and global settings.
- Demonstrate knowledge of concepts, methods, and theories designed to enhance understanding of the natural world and human society.
- Enhancement of the ability of Management: Demonstrate knowledge and understanding of the management principles and apply these to their own work, as a member and leader in

a team, to manage projects. They will perform effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

- After the completion of the course, they will be efficient in their communication skill as well as power of social interaction. Some of the students are being able to understand and write effective reports and design credentials, make effective demonstrations, and give and receive clear instructions.


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