

## M.S.J. COLLEGE, BHARATPUR

### Course Outcomes, Programme Outcomes and Programme Specific Outcomes 2021-2022

S.No	PROGRAMME CODE	PROGRAMME NAME	DISCIPLINE	COURSE OUTCOME	PROGRAMME OUTCOME	PROGRAMME SPECIFIC OUTCOME
1	BA	BACHELOR OF ARTS	ARTS	The B.A. programme is a combination of three elective courses opted over a wide range. Each course has been designed keeping in mind knowledge, skills, human values and social issues of relevance. Bachelor's degree in Arts includes subjects from Social Sciences group and Humanities. Economics, Geography, History, Home Science, Political Science, Sociology represents the social sciences. Social Science courses enhance analytical skills to social phenomena in order to understand human behavior. make students to understand the role of individuals and institutions within the context of society. Philosophy, languages and literature (English, Hindi, Sanskrit )are recorded in Humanities group. These courses develop critical and independent thinking about	The B A programme has been designed with the objective of imparting the best of subject knowledge along with basic computer knowledge and language competency .	The insistence is on extensive knowledge to fight competitive exams and pursue higher studies.The curriculum design emphasizes human values and subject competence. Prepare the students for competitive exams.

				the surroundings among the students. These courses enhance students' ability to communicate effectively.		
2	BCOM	BACHELOR OF COMMERCE	COMMERCE	The course makes the students aware to micro concepts of commercial and analytical skills. They will understand the financial accounting rule and procedures.	The program helps the student understand marketing strategies, entrepreneurship, banking system, economic theories and accounting procedure .	By the end of the programme the students are competent for business, banking jobs, accountant, office jobs and other competitive exams.
3	BSC	BACHELOR OF SCIENCE	SCIENCE	The course content are designed to provide exposure to the core subjects and equip the students for higher education. The students will develop understanding About natural and applied sciences. Bachelor program in science consist of physical and life science. Physical sciences includes Physics, Mathematics, and Chemistry. These courses are designed to understand the physical properties of the surroundings. Life Science includes Botany and Zoology. These courses enable students to understand the various life processes and their applications.	The programme helps in the understanding of fundamental concepts ,theories, practical applications and objective conclusions	The insistance is on skills in the laboratory, competence, understanding of phenomenon, sustainable development areas ,and interdisciplinary areas of science courses. the students are competent for various jobs by the end of the program.

4	M.A.	Master of Arts	ENGLISH	The course emphasizes familiarity with language, history of literature, culture, critical approaches, communications and research methodology.	The masters programme in English focuses on updating the knowledge and skills of students in all areas of the subject and to equip them for teaching and other positions. Language and Documentation, Renaissance to Jacobean Age, Caroline to Neo-Classical Age and The Romantic Age are the general areas of study.	The specific outcome emphasizes the study of literary theory, New Literatures in English, Women's Writing, English Language and Culture, Indian Writing. Dissertation or case study provides exposure for research and contemporary fields of higher studies.
5	M.A.	Master of Arts	ECONOMIC S	The students will be able to understand international and inter regional trade, identify and understand various trade theories, analyze the various types of restrictions of international trade and how factor market works.	Program outcomes for Economics helps students Know how to make a rational choice using economic principles for decision making. History of Economic Thought, Econometrics and survey report helps the student to explore job opportunities related to market and economy.	The students will be able to understand the role of market in real life, Be able to acquire knowledge to appear for civil service competitive examinations. They Acquire jobs as Economist, Financial risk analyst, Data analyst, financial planner, Accountant, Economic researcher, Financial Consultant, investment analyst.
6	M.A.	Master of Arts	GEOGRAPHY	The number of courses across this programme in geography equips the student with all the aspects of physical, cultural, social, political, urban, economic, agricultural, industrial geography.	The master's programme in geography covers an extensive area of Structural & Dynamic geomorphology, Economic Geography, Geography of Environment, Bio- geography, Agriculture Geography, Cultural Geography, Political Geography and Industrial Geography. Weekly seminar for Final year students provides exposure in	The programme specific outcomes are of immense help to students and opens up opportunities for Urban Geography and planning , Regional Planning & Development, and also in the field of tourism with the help of courses like Geography of Tourism, Geography of Population &

					Laboratory work, map work, test and surveying ,levelling ,remote sensing and GIS and its application in the field of geography provides students a platform for learning laboratory work and map work.	Settlement and Remote sensing & G.I.S. Prepare students for various jobs like that of a town planner, cartographer,GIS expert and for various competitive exams like RPSC, UPSC NET SET GATE.
7	M.A.	Master of Arts	HINDI	The course makes students capable to identify dialects , classifications, literary trends, theories and discourses. Understanding the origin of Hindi language and its literature.The students develop cultural consciousness and art of analysing the writings.	The Hindi master's programme prepares the student for teaching positions and also for jobs related to translations.	The specific outcomes of the programme are designed to provide the best of knowledge related to science of language and Hindi language. It also ensures specialised study of prominent writes and in depth study of indigenous Rajasthani literature.
8	M.A.	Master of Arts	PHILOSOPHY	The course gives an understanding of major philosophical thoughts, reasoning, logic, ethics and religion.	The master's programme in philosophy introduce basic Metaphysical issues and problems of philosophy as discussed in the Indian and Western traditions and to help in developing an attitude of critical thinking and understanding of it.	The specific outcomes of the programme make the student proficient in the Philosophy of Religion, Vedanta Darshan. Philosophy of Gandhi, Philosophy of Bhagvatagita, Philosophy of Law, Advanced Ethics and Approaches to contemporary Philosophy (Indian and Western).
9	M.A.	Master of Arts	POLITICAL. SCIENCE	The students after passing out will have familiarity with different approaches to the study of politics and an ability to apply these to	By the end of the programme the students are able to interpret Western Political Theory From Plato to Marx, Comparative Political Institutions,	The specific outcomes emphasize Ancient Indian Political Thought, Modern Indian Social and Political Thought, and Gandhian

				contemporary collective and political problems, and political behaviour. they will develop an ability to formulate and construct logical arguments about political phenomena and an ability to evaluate these through empirical and theoretical methods an understanding of how political institutions emerge, how they operate, how they interact with their external environment, and how they shape individual and collective behavior knowledge of basic factual information about politics within an area of specialization including political behavior, comparative politics, international relations, political theory and methodology. Comprehend the basic structures and processes of government systems and/or theoretical underpinnings. Analyze political problems, arguments, information, and/or theories.	International Politics, Theory and Practice of Public Administration, Modern and Contemporary Political Theory and Indian Government and Politics. The programme is designed to develop competence of the learners for all competitive exams.	Political Thought. The curriculum is well designed and updated as it incorporates contemporary Theory and Practice of Diplomacy, Foreign Policies of U.S.A ., Russia, China, India and neighbouring Countries, State Politics in India and Political Parties and Electoral Politics in India. It also includes course on Human Rights and Duties: Theories and Practice
10	M.A.	Master of Arts	SANSKRIT	The students are able to master advanced command over Sanskrit language, grammar and history.	The programme focuses on Vedic literature to develop skills in jobs related to karmkand, and purohit in defense services. It also equips the student with science of language, Indian	The specific insistence is on Sanskrit grammar, translation and essay. The course is of significance for researchers and specialized study of prominent writers.

					philosophy, and discourse on Sanskrit literature.	It also enables to explore phonetics, rhetoric, dramaturgy, ancient, medieval and modern poetry .It provides job opportunities at International, National and State levels in teaching and preaching avenues.
11	M.A.	Master of Arts	SOCIOLOGY	<p>The course outcomes enables the students to understand the functioning of various social institutions and how it fabricates unequal realities for people. They will understand other cultures, their way of life, elicit views of others and develop and practice ‘cultural relativism’ as part of their life.</p> <p>Understand and compute basic statistical calculations necessary for social science, which in turn help students to analyse social phenomena.it inculcates critical thinking and analysing skills.</p>	<p>Programme out comes assessment lies at the heart of social science measurement , particularly in evaluation research . Out comes assessment helps determine how well organizations have attained their goals and it is central to organizational development and effectiveness . In this context it is examined the impact of out comes assessment in sociology programs by the yearly preparation of dissertation (field work report) in MA(P) sociology. The social survey and research area covers the different types of social issues and problems like violence against women, domestic violence , crimes against children , modernity and educated women, empowerment , terrorism ,nationalism , alcoholism etc.</p>	<p>The specific outcome of the programme includes create understanding ,acquainting the students with industrial ,political ,sociology of religion, social anthropology. The program will enable students to understand the scope, models, and aspects of economic development along with socio economic planning in social management , will be able to equip them to develop their own personality in the society. The program will enable students to pursue career in social management, Government departments .</p>

12	M.A.	Master of Arts	HISTORY	The course content main focus is on the stages of growth in human civilizations, evolution of social systems.it focuses on an extensive understanding of the ancient, medieval, modern history, imparts moral values from reading of historical concepts.	The masters in history furnishes the student with all necessary course content related to civil services and competitive exams. The content designed covers Twentieth Century world , Cultural Profile of India	The specific Outcomes focus on the detailed history of India and Socio Economic Life and Institutions of Ancient India From Earliest Times to 1200A.D. The Special Papers like Elements of Indian Archaeology and Epigraphy, Indian Art and Architecture also adept the students for number of direct job opportunities and for all competitive exams
13	MCOM	MASTER OF COMMERCE	ABST	The course outcomes enable a student well versed in national as well as international trends of Accounting. Understand the theoretical framework of accounting and to prepare financial statements, accounting for share capital and debentures, basic concepts in the law of income tax and determine the residential status of different persons, conceptual framework of Cost Accounting; identification of differences between different financial and cost accounting; cost concepts and elements of cost; concept of systematic processing and interpreting the information in quantitative terms to arrive at an optimum solution to business problems, meaning	The students will be able to understand the concepts of Advanced Accounting , Advanced Cost & Management Accounting ,Advanced Auditing , Tax Laws and Planning , Research Methodology and Quantitative Techniques. They will gain knowledge in International Financial Reporting Standards , Goods & Service Government Accounting ,Ethics in Accounting , IFRS for Small and Medium- sized Entities (SMEs) , Computer Applications in Accountancy and Statistics , Practical Taxation , Advanced Financial Management ,Security Analysis and Portfolio Management .	The students can pursue research in their chosen areas. For teaching inSchools and Colleges after qualifying requisite tests. For working as data analyst. To work as investment consultants after a brief internship in suitable organizations absorbed in Banking and Insurance sector as executives.

				and scope of business research and application of various statistical methods, connect with the genesis of goods and services tax (GST), decipher the constitutional amendment carried out to install GST in India and comprehend the composition and working of GST council. Preparation of cost sheet, develop the skill of preparation of trading and profit and loss account and balance sheet using computerized accounting.		
14	MCOM	MASTER OF COMMERCE	BUSINESS ADMINISTRATION	<p>The functional areas of business management including planning, decision making, organizing, staffing, direction, communication, direction, coordination and control. Applying best practices of business administration in the functional areas of business. Understands the recent trends in Business Management i.e. Business Ethics, Corporate Governance.</p> <p>The core concepts of marketing and the role of marketing in business and society. Develops and understands marketing strategies based on product, price, place and promotion objectives.</p>	The students will gain knowledge about Business Management, Marketing Management, Personnel Management, Research Methodology, Business Statistics, Business & Economic Environment.	<p>The students will develop the Ability to work in teams with enhanced interpersonal skills and communication.</p> <p>The students can work in different domains like Accounting, Taxation, HRM, Banking and Administration.</p> <p>Ability to start their own business. Ability to work in MNCs as well as pvt, and public companies. To develop team work, leadership and managerial and administrative skills. Students can go further for professional courses like CA/ CS/CMA/CFA .They will be able to work as Market research analyst,</p>



				<p>Concepts of buyer behavior and market segmentation. Recent trends in marketing management. How to create awareness about marketing of eco friendly products in the society. Various aspects of marketing management and its practical approach. Importance and use of E-Commerce in competitive environment. Various factors influencing consumer behavior and buying decision.</p>		<p>Human resource specialist, financial analyst, business consultant, sales manager, loan officer, meeting, convention and event planner, training and development specialist .</p>
15	MCOM	MASTER OF COMMERCE	EAFM	<p>The course equips the student with number of opportunities in finance, costing, finance, and accounts.</p>	<p>By the end of the programme the student is able to explore career opportunities in the field of Managerial Economics, Monetary Economics, Indian Financial System and Advanced Financial Management. The programme emphasizes the study of Economic Growth and Development and public finance.</p>	<p>The programme specific outcomes range from Rural Development and Co-Operation, Administration of Public Enterprises, Industrial Economics, International Trade and - Quantitative Techniques. This programme also initiates business aptitude and develops skills and expertise in Multinational Financial Management, Management of Small and Medium Enterprises, Quantitative Techniques, and Accounting, Auditing and Credit Management.</p>
16	MSC	MASTER OF SCIENCE	PHYSICS	<p>Student will be able to know about various branches of Industries.</p>		

				<p>The practical and research related skills will be developed in the students by doing experiments methods. Student will be able to get job in the industries and research laboratories of various part of land and abroad. Student will be able to obtain jobs in government as well as skill based research laboratories and production division. Student will be able to do research in various areas of advanced science and environment and also establish their own industries. Students will be able to obtain the opportunities to work in ISRO and other space organization.</p>		
17	MSC	MASTER OF SCIENCE	CHEMISTRY	<p>Students will have sound knowledge about the fundamentals and applications of chemical and scientific theories. Every branch of Science and Technology is related to Chemistry. Easily assess the properties of all elements discovered. Apply appropriate techniques for the qualitative and quantitative analysis of chemicals in laboratories and in industries. Will become familiar with the different branches of chemistry like</p>	<p>The students get scope to gain knowledge in Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Group Theory and Spectroscopy, Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Environmental and Green chemistry, Advanced Spectroscopic Techniques, Bioinorganic, Bioorganic and Biophysical Chemistry, Special methods of analysis, Photochemistry and Supramolecules, Modern interfaces of organic chemistry, Chemistry of</p>	<p>By the end of the program students are open to many opportunities in the field of teaching, Research Scientist, Quality control chemist, chemist, Quality assurance, Quality manager, Laboratory assistant, Operations manager, Quality control inspector, Research Manager.</p>

				analytical, organic, inorganic , physical, environmental, polymer and biochemistry Helps in understanding the causes of environmental pollution and can open up new methods for environmental pollution control	heterocyclic compounds, Medicinal chemistry , Chemistry of natural products	
18	MSC	MASTER OF SCIENCE	MATHS	<p>The aim of the programme is to equip students with analytic and problem-solving skills to define mathematical concepts, calculate quantities, estimate solutions, represent mathematical information, develop models, interpret data, explore systems and communicate mathematical thoughts.</p> <p>The main objectives of the M.Sc. (Mathematics) programme are:</p> <ul style="list-style-type: none"> <li>• To develop an understanding of the underlying structures of mathematics and the relationships among them.</li> <li>• To develop and understand the value of proof, the single factor that distinguishes mathematics from all other disciplines.</li> <li>• To develop an</li> </ul>	<p>Mathematics Knowledge: Demonstrate an understanding of the basic concepts in algebra, analysis, geometry, graph theory, differential equations, number theory, numerical analysis, queueing theory and inventory theory and their importance in the solution of some real-world problems.</p> <p>PO2: Problem Analysis and Solution: Analyze and solve the well-defined problems in mathematics. Demonstrate the ability to apply mathematical ideas and models to investigate and solve the problems in related fields such as computer science, biology, physics, business and economics. Gather and organize related problems, examples and counterexamples, identify suitable methods of analysis and to construct abstract models of the problem being considered.</p>	<p>Mathematics education opens doors in engineering, business, finance, computing, health sciences and environmental sciences. The educational objective of the M.Sc. Mathematics programme is to provide high quality education in pure and applied mathematics in order to prepare students for professional careers in mathematical sciences and related fields.</p>

				<p>understanding of the historical and contemporary role of mathematics and be able to transmit mathematical ideas both orally and in writing.</p> <ul style="list-style-type: none"> <li>• To provide exposure to a variety of areas of mathematics and related fields and to explore applications of mathematical ideas and models in the real-world problems.</li> <li>• To develop the ability to read and learn mathematics on their own and utilize it to solve theoretical and applied problems.</li> </ul>	<p>PO3: Logic and Critical Thinking: Think critically with abstract reasoning and to develop a logically correct mathematical argument both in oral and written format. Demonstrate the ability to make ideas precise by formulating them mathematically, analyze and interpret technical arguments and form independent deductions.</p> <p>PO4: Modern tool usage: Learn, select, and apply appropriate methods and procedures, resources, and computing tools such as MATLAB, MATHEMATICA etc. with an understanding of the limitations.</p> <p>PO5: Ethics: Analyze relevant academic, professional and research ethical problems and commit to professional ethics and responsibilities with applicable norms of the mathematics research practices.</p> <p>PO6: Communication: Communicate mathematical thoughts and ideas clearly and coherently to mathematics and non-mathematics community in both oral and written format. Describe mathematical</p>	
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					<p>information graphically, symbolically, numerically and visually using appropriate technology. Demonstrate the ability of mathematical writing, make effective presentations and documentation, and give and receive clear instructions.</p> <p>PO7: 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 of research in mathematics and appreciate the value of its development.</p> <p>PO8: Life- long learning: Demonstrate the ability to read and learn mathematics on their own that encourage independent exploration in mathematics. Continue to acquire mathematical knowledge and skills appropriate to professional activities in the context of technological change.</p>	
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19	MSC	MASTER OF SCIENCE	ZOOLOGY	The course provides knowledge related to Taxonomy, Phylogeny, Structure & Function in Invertebrates, Biological Chemistry, Immunology and Physiology, Molecular Biology, Cytogenetics, Techniques in Biology, Evolution, Statistical methods and Computer Application in Biology,	Detailed account of Chordata, origin and evolution, Developmental biology, Animal ecology and Ethology. There is a wide spectrum of job opportunities like being a College and School teacher, Zoologist, Research Scientist, Conservationist, Environmental consultant, Herpetologist, Wildlife educator, Agriculture, Sericulture, Forestry, Genomics, Fishery etc.	Specific Programmes offered include Cell Biology dealing with cell types, membrane structure, Structural organization, cell division cell cycle, cancer, cell and tissue culture, fixation and staining, immune system; Environmental biology which incorporates study related to earth and biosphere, environmental physiology, ecosystems, Taiga and Tundra, major Bio geographic regions, management of environment, resources, environmental health, legislation, environmental toxicology, methodology for environmental analysis; Entomology which deals with the study of insects, insect fossils, evolution, classification, functional organization, insect embryology, pests, management strategies, beneficial insects, vectors of diseases, ecology and social life in insects.
20	MSC	MASTER OF SCIENCE	BOTANY	The student can become a Researcher, Forester, Mycologist, Plant biochemist, Conservationist, Molecular biologist, College and School teacher etc. Plant	As an outcome of this programme, the student learns about microbiology, viruses, phycology, phytoplasma mycology and plant pathology including fungal, bacterial and	The student opting for Plant Pathology is exposed to learning related to Host Pathogen interaction, Histopathology, fungi, bacterial, viral, nematode

				<p>biotechnology an important area of specialization contributes towards gaining knowledge of micro propagation, embryogenesis, hybridization, tissue culture, recombinant technology, gene transfer, blotting techniques and the role of biotechnology in Society.</p>	<p>viral diseases, Bryology, Pteridology and Gymnosperms, ecology, phytogeography, ethnobotany and economic botany, biochemistry and plant physiology including growth regulators, taxonomy, morphology, anatomy and embryology of Angiosperms, molecular biology, biotechnology, genetics, plant breeding and biometrics.</p>	<p>and non- parasitic diseases; those who study Plant ecology gain information about environment, ecosystem, natural resources and pollution, Desert biomes with special reference to Rajasthan; Plant Physiology lays emphasis on the study of carbohydrates, protein, coumarins &amp; lignins, saponins and saponogenins, tools and techniques, plant growth regulators, photophysiology and stress physiology.</p>
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