



# Government Dungar College, Bikaner

## LEARNING OUTCOMES 2019-20

S.No.	Programme Code	Programme name	Discipline/Subject	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
1	9-C3P	B.Com.-Bachelor of Commerce	Commerce	363	358	98.62
2	6-S3P	B.Sc.-Bachelor of Science	Science	523	505	96.56
3	3-A3P	B.A.-Bachelor of Arts	Arts	1435	1347	93.87
4	103-AGEOF	M.A.-Master of Arts	Geography	53	48	90.57
5	156-PUBDF	M.A.-Master of Arts	Public Administration	19	12	63.16
6	168-SOCLF	M.A.-Master of Arts	Sociology	29	23	79.31
7	132-HISTF	M.A.-Master of Arts	History	50	35	70.00
8	118-DNPF	M.A.-Master of Arts	Drawing & Painting	28	26	92.86
9	130-HINDF	M.A.-Master of Arts	Hindi	44	36	81.82

10	162-SANSF	M.A.-Master of Arts	Sanskrit	21	17	80.95
11	124-ENGLF	M.A.-Master of Arts	English	36	22	61.11
12	148-PHILF	M.A.-Master of Arts	Philosophy	7	5	71.43
13	122-ECONF	M.A.-Master of Arts	Economics	10	8	80.00
14	170-URDUF	M.A.-Master of Arts	Urdu	14	12	85.71
15	152-POLSF	M.A.-Master of Arts	Political Science	34	28	82.35
16	160-RAJSF	M.A.-Master of Arts	Rajasthani	8	6	75.00
17	172-ZOOLF	M.Sc.-Master of Science	Zoology	24	24	100.00
18	114-CHEMF	M.Sc.-Master of Science	Chemistry	18	18	100.00
19	112-BOTF	M.Sc.-Master of Science	Botany	24	24	100.00
20	150-PHYSF	M.Sc.-Master of Science	Physics	25	25	100.00
21	128-GEOLF	M.Sc.-Master of Science	Geology	25	23	92.00
22	166-SMATF	M.Sc.-Master of Science	Mathematics	20	20	100.00
23	120-EAFMF	M.Com.-Master of Commerce	Economic Administration and Financial Management	36	28	77.78
24	107-BADMF	M.Com.-Master of Commerce	Business Management	52	43	82.69
25	101-ABSTF	M.Com.-Master of Commerce	ABST	45	41	91.11



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### Course/ Programme Outcomes

S.N O	PROGRAMME CODE	PROGRAMME NAME	DISCIPLINE	COURSE OUTCOME	PROGRAMME OUTCOME	PROGRAMME SPECIFIC OUTCOME
1.	9-C3P	<b>B.Com.- Bachelor of Commerce</b>	<b>Commerce</b>	The course exposes the students to micro concepts of Commerce and analytical skills.	The programme helps the student understand marketing strategies, entrepreneurship, banking system, economic theories, and accounting procedures.	By the end of the programme the students are competent for business, banking jobs, accountant, office job and other competitive exams.
2.	6-S3P	<b>B.Sc.- Bachelor of Science</b>	<b>Science</b>	The course contents are designed to provide exposure to the core subjects and equip the students for higher education.	The programme helps in the understanding of fundamental concepts, theories, practical applications and objective conclusions.	The insistence is on skills in the laboratory, competence, understanding of phenomenon, sustainable development areas, and interdisciplinary areas of science courses.
3.	3-A3P	<b>B.A.- Bachelor of Arts</b>	<b>Arts</b>	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.	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.

4.	103-AGEOF Geography	M.A.-Master of Arts	Geography	The number of courses across this programme in geography equips the student with all aspects of physical, cultural, social environmental and tourism 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. A weekly seminar for Final year students provides exposure in Laboratory work, map work, test and surveying.	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 & Settlement and Remote sensing & G.I.S.
5.	156-PUBDF	M.A.-Master of Arts	Public Administration	All the courses of master's in public administration comprise of updated syllabi to make the student competent for civil services, governance and management.	Administrative Theories and Management, Administrative Thinkers, Comparative Public Administration, Public Administration in India and Public Personnel Administration are the courses that equip the students with in depth knowledge of the subject and prepare them for competitive exams.	The programme specific outcome focuses on State Administration in India with special reference to Rajasthan. It also adds to the perceived knowledge in the area of Economic Policy and Administration, Social Administration, Politics and Administration, Urban /Local / rural Administration, E-Governance and Information Technology.
6.	168-SOCLF	M.A.-Master of Arts	Sociology	The course outcome enables the student to pursue career in social management, govt. departments. It inculcates critical thinking and analyzing skills.	The programme outcomes of sociology encompass Theoretical Perspectives and Methodology of Social Research. It also helps in the knowledge of Indian Social System, Rural Societies' set up in India, and Advance Sociological Theories.	The specific significance of the programme includes Industrial Sociology, Political Sociology, Sociology of Religion, Social Anthropology, Social Psychology, Criminology and Sociological Statistics.
7.	132-HISTF	M.A.-Master of Arts	History	The main focus is on the stages of growth in human	The masters in history furnishes the student with all necessary course	The Specific Outcomes focus on the Detailed History of India and Socio

				civilizations, evolution of social; systems .it focuses on an extensive understanding of the processes of change and development of human society.	content related to civil services and competitive exams. The content designed covers Twentieth Century World, Cultural Profile of India, Women in Indian History and Social and Economic History of Rajasthan. The historical application in tourism is also a well -designed course.	Economic Life and Institutions of Ancient India from Earliest Times to 1200 A.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.
8.	<b>118-DNPF</b>	<b>M.A.-Master of Arts</b>	<b>Drawing &amp; Painting</b>	The course equips the students with an understanding of basic principles of color, design, concepts and art forms. The students can pursue a career as a freelancer, teaching positions and artists.	The students are able to practice and update their knowledge of Eastern and Western Aesthetics, History of Indian Arts, Landscape Painting, Portrait Painting and Print Making. They also submit practical work related to these at the end of the programme. The students also learn the nuances of Modern Art and western art.	The programme specific outcomes of M.A drawing and painting include the Study from life (Full figure) Graphic (Etching or Litho Serigraph) art and composition.
9.	<b>130-HINDF</b>	<b>M.A.-Master of Arts</b>	<b>Hindi</b>	The course empowers students to identify dialects, classifications, literary trends, theories and discourses.	The Hindi master's programme prepares the student for teaching positions and also for jobs related to translations. It covers a range of areas including history of literature , modern poetry, medieval period literature, and prose poetry literature.	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 specialized study of prominent writers and in depth study of indigenous Rajasthani literature
10.	<b>162-SANSF</b>	<b>M.A.-Master of Arts</b>	<b>Sanskrit</b>	The students 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,	The specific insistence is on Sanskrit grammar, translation, and essay. Discourse course is of significance for researchers and specialized study of prominent writers like Kalidasa and

					Indian philosophy, and discourse on Sanskrit literature.	Bhash. It also enables to explore phonetics, rhetorics, dramaturgy, and ancient modern poetry and job opportunities at national and international levels.
11.	<b>124-ENGLF</b>	<b>M.A.-Master of Arts</b>	<b>English</b>	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.
12.	<b>148-PHILF</b>	<b>M.A.-Master of Arts</b>	<b>Philosophy</b>	The course gives an understanding of major philosophical thoughts, reasoning, logic, ethics and religion.	By the end of programme the students are qualified to conceptualize Epistemology and Meta Physics with reference to Indian philosophy , western philosophy, logic both Indian and western, philosophy of yoga, and ethics.	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).
13.	<b>122-ECONF</b>	<b>M.A.-Master of Arts</b>	<b>Economics</b>	The students are able to explore opportunities in the field of Public Finance, Development Economics and Indian, Advance Indian Economics.	By the end of the programme the students study Micro Economic Theory, Macro Economic Theory, Economic Statistics and Mathematics and international economics. History of Economic Thought, Econometrics and survey report helps the student to explore job opportunities related to market and economy.	Besides this the career options available in Agriculture Economics, Industrial Economics, Demography, Banking System, Labour Economics, Environmental Economics and Regional Economics.

14.	<b>170-URDUF</b>	<b>M.A.-Master of Arts</b>	<b>Urdu</b>	The students are able to read history of Urdu language and literature, criticism and research and general survey of Urdu literature.	The programmes empasises the study of prose, ghazal, nazm , masnavi , qasida and marsiya.	The programme specific outcomes include learning essay writing on literary topic, subsidiary language, humour and satire, and criticism. The special course on Sufism is an added advantage for exposure to the field of music and spirituality.
15.	<b>152-POLSF</b>	<b>M.A.-Master of Arts</b>	<b>Political Science</b>	An extensive study of all the courses exposes the students to the concept of state, nation, political systems, thinkers, theories, and major debates.	By the end of the programme the students are able to interpret Western Political Theory From Plato to Marx, Comparative Political Institutions, 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.	The specific outcomes emphasize Ancient Indian Political Thought, Modern Indian Social and Political Thought, and Gandhian 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
16.	<b>160-RAJSF</b>	<b>M.A.-Master of Arts</b>	<b>Rajasthani</b>	The course has a great significance in providing an exposure to native indigenous literature and culture.	The programme outcomes equip the students with ancient and medieval Rajasthani poetry, Rajasthani language and literature.	The specific outcomes are region specific, language specific and culture specific. It unfolds diverse learning experiences the state, region history, and writers.
17.	<b>172-ZOOLF</b>	<b>M.Sc.-Master of Science</b>	<b>Zoology</b>	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	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,	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

				methods and Computer Application in Biology,	Forestry, Genomics, Fishery etc.	biogeographic 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
18.	<b>114-CHEMF</b>	<b>M.Sc.-Master of Science</b>	<b>Chemistry</b>	The student after completing M.Sc. Chemistry is well versed with the four basic branches of Chemistry viz., Inorganic, Organic, Physical and Analytical Chemistry. . A detailed knowledge on computational chemistry is gained by the student related to Fortran, running of advanced scientific packages, various semi-empirical and density functional theories; instrumentation methods and analysis related knowledge is gathered by the student studying Analytical Chemistry, viz., Spectroscopy and Spectrophotometric methods, chromatography,	In addition, the student gains information related to principles of Spectroscopy, Photochemistry, and use of computers in Chemistry and other modern techniques and scope of Chemical Biology. They can become Scientists, College and School teachers, Chemists, Pharmacists, Cosmetic industry, Lab. Technician, Industrial research scientist, etc.	A student who studies Inorganic Chemistry gains knowledge pertaining to alkyls aryls, compounds of transition metal-carbon metal bonds, metal in medicine, metalloenzymes, supramolecular chemistry, metal complexes, polymers and ceramics; one who opts for Organic Chemistry becomes well acquainted with organic synthesis, organometallic reagents, heterocyclic and natural products, alkaloid, steroids plant pigments etc.; those who study Physical Chemistry understand the concepts in molecular orbital and valence bond theory, Principle of reactivity, kinetic isotope effect, structural effects on reactivity, salvation and solvent effects, theory and properties of liquids etc



				pharmaceutical analysis, clinical analysis, analysis of soil, fertilizers and fuels, environmental analysis, food and forensic analysis and organic industrial analysis etc.		
<b>19.</b>	<b>112-BOTF</b>	<b>M.Sc.-Master of Science</b>	<b>Botany</b>	The student can become a Researcher, Forester, Mycologist, Plant biochemist, Conservationist, Molecular biologist, College and School teacher etc. Plant biotechnology an important area of specialization contributes towards gaining knowledge of micropropagation, embryogenesis, hybridization, tissue culture, recombinant technology, gene transfer, blotting techniques and the role of biotechnology in Society.	As an outcome of this programme, the student learns about microbiology, viruses, phycology, phytoplasma mycology and plant pathology including fungal, bacterial and 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.	The student opting for Plant Pathology is exposed to learning related to Host Pathogen interaction, Histopathology, fungi, bacterial, viral, nematode 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 & lignins, saponins and saponogenins, tools and techniques, plant growth regulators, photophysiology and stress physiology;
<b>20.</b>	<b>150-PHYSF</b>	<b>M.Sc.-Master of Science</b>	<b>Physics</b>	The course imparts a detailed knowledge related with mathematical physics, classical mechanics, statistical mechanics, plasma physics, quantum	There are many job prospects like becoming a Scientist, Space research, Observation Scientist, College and School teacher, Data analyst, IT consultant, work in Power Plants, Network Administrator etc.	Any student opting for Electronics, digital electronics and communication electronics gets a thorough information about differential amplifier, oscillators, klystrons, waves including microwaves, helix travelling wave tubes, radar, along with Physics of Lasers and Science&

				mechanics, electronic devices, computational methods and programming, condensed matter physics, nuclear and particle physics.		Technology of Solar Hydrogen; those who study Analog, digital systems & communication get well versed with photo detectors, semiconductor switches, amplitude modulation, flip-flops, microcomputers along with physics of nanomaterials & environmental physics incorporating free electron theory, electron confinement different methods of preparation of nanomaterials, physics of radiation, energy sources and combustion processes; Medical Physics imparts knowledge pertaining to radiation detection and measurement, detailed account of dosimetry, standardization of electrons, X-ray and gamma rays, biosignal acquisition, bioelectric signal recording, clinical and operation theatre equipments, radiation protection standards and regulations, radiation shielding and laws related to diffusion.
21.	128-GEOLF	M.Sc.-Master of Science	Geology	The course helps students to identify common rocks, minerals, geological resources, plates, agents and their impacts, and scientific processes and basis for geological interpretations.	Structural Geology, Geotectonics & Geomorphology, Geochemistry, Crystallography & Mineralogy, Stratigraphy & Palaeontology and Economic Geology & Mineral Economics are the various courses that the student learns and is able to look for career options in the related fields of study. All these courses include theory with praxis.	The programme specific outcomes is detailed and extensive covering the study of Igneous and Metamorphic Petrology, Sedimentology & Petroleum Geology, Environmental Geology, Hydrogeology & Remote Sensing, Mining Geology & Engineering Geology and Petroleum Geology.

22.	<b>166-SMATF</b>	<b>M.Sc.-Master of Science</b>	<b>Mathematics</b>	The students are able to solve basic mathematical problems, exponential problems. There are a wide number of career opportunities viz., Operational research, IT, College and School teacher, The Actuarial Profession etc.	By the end of this programme the student has a very clear concept of Advanced abstract algebra, analysis, mathematical methods, differential and integral equations and numerical methods, topology and functional analysis, Continuum mechanics.	The outcome of this specific programme is that it enriches the student with the knowledge about Generalized hypergeometric functions, Advance Discrete Mathematics, Mechanics, Fluid dynamics, Operation research, Topology, Mathematical theory of Statistics, Computer Applications and Relativity and Cosmology.
23.	<b>120-EAFMF</b>	<b>M.Com.-Master of Commerce</b>	<b>EAFM</b>	The course equips the student with number of opportunities in finance, costing, finance, and accounts.	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.	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.
24.	<b>107-BADMF</b>	<b>M.Com.-Master of Commerce</b>	<b>Business Management</b>	The course aims to develop business environment and aptitude and prepare the student to explore possibilities in the field of managerial economics as well.	By the end of the programme the student studies Modern Management, Management Thinkers, business environment and management accountancy.	The programme specific outcomes include Marketing Management, Production Management, Consumer Behavior, Material Management, Financial Management, Marketing Research and Advertising Management. It helps the students explore opportunities in the fields of Human Resources Management

						Tourism Development, Industrial Relations and Social Security in India and Strategic Management.
25.	101-ABSTF	<b>M.Com.- Master of Commerce</b>	<b>ABST</b>	The course helps the students pursue career in revenue services, tax departments and other office jobs. The course emphasizes the study of costing and tax management.	The programme equips the student with knowledge in Management Accounting and financial Control, higher accounting, cost accounting, cost control, and research methodology.	The student after completing master's degree in ABST is well acquainted with Research Methodology and Statistical Techniques, direct and indirect taxes, taxation and tax planning. Along with this it also opens up career opportunities in the area of management and operational audit, project planning and appraisal and specialized expertise in advanced costing problems and operations research.