



MAHILA P.G. MAHAVIDYALAYA

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Kamla Nehru Nagar, Soorsagar Road, Jodhpur-342009

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Department of Urdu 2016-17

Class & Paper	Name of Paper	Objects
B.A. Ist year First Paper	नस, आर इमा	उद गद्य आर नाट्य कला का स्वाव एवविश लक्षण सीखा
B.A. Ist year Second Paper	शाइरी आर कवाइद	गज ल आर ज म क शाई स स्कारा क स थ स थ काय- त्याकरण
B.A. IInd year First Paper	नस, नज्म आर तक्दी तज्जिया	गद्य एवं पद्य की विविध विधाओं का इतिहास एवं तकनीकी जानकारीस हित ज्ञान
B.A. IInd year Second Paper	तज्जिया, मज्मून आर तारीख अदब	उद भाषा एवं स हित्य क उद्भव का ज्ञान एवं उत्तरतर विकास का बाध
B.A. Final year First Paper	उद अदब की तारीख का- तआरुफ	उद स हित्य का कमवार परिचय एवं विकास विभिन्न आन्दोलनों क पभाव तथा अवस ज्ञान
B.A. Final year Second Paper	ज दीद अस्नाफ, नज्मा-नस, का तआरुफ	आधुनिक स हित्य की विधाओं में उनकी कला, तकनीक एवं आलोचनात्मक अध्य यन

Manoranjan Upadhyay
PRINCIPAL

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Department of Sanskrit

2016-17

Class & Paper	Name of Paper	Objects
B.A. Ist year First Paper	काव्य, कथा-साहित्य एवं छन्द	काव्य-परम्परा, छन्दोच्चारण विधि, कथा-विधि परिज्ञान
B.A. Ist year Second Paper	नाटक, नाट्यशास्त्र एवं व्याकरण	नाट्यखण्ड पंचवद का परिचय एवं संस्कृत व्याकरण में संज्ञा, कारकादि ज्ञान लाभ
B.A. IInd year First Paper	काव्य, स्मृति-शास्त्र तथा संस्कृत-साहित्य का इतिहास	पं.मूखा स्मृति गंधी का सामान्य परिचय एवं मनस्मृति का विशेष भाग का अध्ययन सं स्कृति साहित्य की उदात्त परम्प रा का ज्ञान
B.A. IInd year Second Paper	गद्य, व्याकरण, अलंकार तथा भारतीय संस्कृति	संस्कृत की उदात्त गद्य-शैली सहित अलंकारा एवं संस्कृति का ज्ञान
B.A. Final year First Paper	नाटक तथा व्याकरण	रूपका का अतिसामान्य परिचय प वंक शाकतल काविरि ष्ट अध्ययन व्याकरण की सिद्धि पक्रिया

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B.A. Final year Second Paper	वद, उपनिषद, भारतीय दर्शन, व्याकरण तथा निबध	वदिक साहित्य का परिचयत्मक अध्ययन भारतीय दार्शनिक पस्थाना का सामान्य प रिचय एवं निबध लखन विघ्न परिज्ञान
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Department of Sangeet

2016-17

Class & Paper	Name of Paper	Objects
B.A. Ist year First Paper	भारतीय संगीत का इतिहास और सामान्य	छात्रों का संगीत की सामान्य जानकारी इतिहास के माध्यम से जनन के साथ गायन के पारंपरिक आयामों का ज्ञान का अवसर
B.A. Ist year Second Paper	कण्ठ संगीत, तकनीक और रागों का सिद्धान्त	
B.A. IInd year First Paper	पारंपरिक शब्द तथा व्याख्याएँ	शास्त्रीय संगीत की पारंपरिक पारंपरिक शब्द व्याख्याओं के साथ श्रुति-स्वर-ताल-राग- ताल - बन्दिशा से परिचय होना।
B.A. IInd year Second Paper	क्रियात्मक पक्ष	
B.A. Final year First Paper	रागशास्त्र एवम् हिन्दुस्तानी संगीत सिद्धान्त	भारतीय राग सिद्धान्त और पचीस राग- रागीनीयों के गायन का प्रभाव और उनसे होनेवाली रचना विधि का अन्वेषण होना।
B.A. Final year Second Paper	हिन्दुस्तानी संगीत का इतिहास	

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Department of Hindi

2016-17

Class & Paper	Name of Paper	Objects
B.A. Ist year First Paper	हिन्दी कथा स हित्य	कहानी आर काव्य दानां म छात्रां की रु चि बढी
B.A. Ist year Second Paper	पाचीन हिन्दी काव्य	
B.A. IInd year First Paper	हिन्दी नाटक, निबंध तथा स्फुट गद्य विधाए'	विभिन्न गद्य विधाआं क' सथ स हित्य क' इतिहास स' भी छात्रां का परिचित कराना।
B.A. IInd year Second Paper	हिन्दी भाषा आर स हित्य का इतिहास	
B.A. Final year First Paper	अवाचीन हिन्दी काव्य	छात्रां क' ज्ञान का विस्तार हुआ
B.A. Final year Second Paper	काव्यांग विवचन एवं हिन्दी गद्य विधाआं का स्वरु प	

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B.A. Ist year B.Sc. Ist year B.Com. Ist year	आधार पाठ्य क्रम सामान्य हिन्दी	तीनों संकाय के छात्रों की पतियोगी परीक्षाओं की तयारी हेतु सहायता के साथ ही व्यवस्थापन के नियम तथा गद्य विधाओं से परिचय होता है।
M.A. previous year IInd Sem/	पश्चात्त्य काव्य-सिद्धान्त एवं वाद काशाल पाठ्यक्रम - हिन्दी मीडिया लखन एवं अनूवाद	पश्चात्त्य विचारक प्लेटो, अरस्तू, कसिद्धान्तों से परिचित हुई छात्राएँ
M.A.Final year IV th Sem.	तृतीय पश्न पत्र लोक सहित्य	लोक व लोकवातां शब्द व परिभाषाएँ

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	काशल पाठ्यक्रम लोक संस्कृति	
M.A. previous year IIInd Sem/	आधुनिक काव्य-पश्चिम पश्चिम पत्र कथंतर साहित्य- द्वितीय प श्चिम पत्र	कवि नागाजन क जीवन एवं कतिव संप रिचित 'आण्ड का एक दिन' नाटक काव्यख यासा स' परिचित हई छात्राए'
M.A.Final year IV th Sem.	स गण भक्ति एवं रीतिकाय - पश्चिम पश्चिम पत्र	सरदास क 'भरगीत' क सार एवं उद्देश्य स छात्राए' परिचित हई।

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Department of Public Ad.

2016-17

Class & Paper	Name of Paper	Objects
B.A. Ist year First Paper	Principal of public Ad.	Meaning nature of Public Ad. Basics of administration.
B.A. Ist year Second Paper	ADMINISTRATIVE INSTITUTIONS	students learn about the institutions of administration
B.A. IInd year First Paper	PUBLIC ADMINISTRATION IN INDIA	basic structure of administration like civil services training etc
B.A. IInd year Second Paper	LOCAL ADMINISTRATION	about the local self government institutions like Municipals, Local Bodies
B.A. Final year First Paper	COMPARATIVE PUBLIC ADMINISTRATION	learn about UK U.S., France Administration
B.A. Final year Second Paper	STATE ADMINISTRATION IN INDIA	Rajasthan Administration and the administrative structure of states

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Department of Philosophy

2016-17

Class & Paper	Name of Paper	Objects
B.A. Ist year First Paper	Indian Philosophy	Teaches Logical analysis of Ideas, Critically thinking about situations close reading, clear writing and logical analysis.
B.A. Ist year Second Paper	Western Philosophy	
B.A. IInd year First Paper	Ethics	This is an applied Philosophy that teaches practical use of Philosophy.
B.A. IInd year Second Paper	Socio Political Philosophy	
B.A. Final year First Paper	Problem of Philosophy	Logic Enhances logic capability of students logic is construct good arguments, that is useful in just about every field as well as in everyday life
B.A. Final year Second Paper	Logic	

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Department of Home Science

2016-17

Class & Paper	Name of Paper	Objects
B.A. Ist year First Paper	Human Physiology	Knowledge about Human bodies.
B.A. Ist year Second Paper	Mother Craft and Home Nursing	Teaches Genital Organ and Care of new born Baby.
B.A. IInd year First Paper	Food and Nutrition	Knowledge about general nutrition and Therapeutic nutrition.
B.A. IInd year Second Paper	Clothing Textiles	Basic knowledge about yarn, cloth and stain, Dry clean.
B.A. Final year First Paper	Human Development and Family relation.	Teaches about milestone of Development. Family, Marriage and old age.
B.A. Final year Second Paper	Home Management	Teaches about Budget, Income, Interiors and Flower Management.

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Department of Economics

2016-17

Class & Paper	Name of Paper	Objects
B.A. Ist year First Paper	Indian Economy	Idea of the Indian Economy and the problems of the country knowledge of Basics of the study of Economic concepts.
B.A. Ist year Second Paper	Economic Theory I	
B.A. IInd year First Paper	Economic Development	Awareness towards sustainable development and other planning strategies.
B.A. IInd year Second Paper	Economic Theory II	Understanding of macro economics indicates and their practical application.
B.A. Final year First Paper	History of economic thought.	Understanding of the origin of the economic theories and their current context. Analysis of statistical Data and Interpretation.
B.A. Final year Second Paper	Elementary maths and statistics	.

Mansaram Upadhyay
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Department of Geography

2016-17

Class & Paper	Name of Paper	Objects
B.A. Ist year First Paper	Physical Geo.	Important in knowing about the physical features of Earth, factors that create and destroy them, about atmosphere and climate along with its components and about oceans.
B.A. Ist year Second Paper	Geo. of Indian	Gives knowledge about physiographic of India and in addition to its soil, vegetation, climate, resources.
B.A. Ist year Third Paper	Practical Geo.	Knowledge about chain and Tape survey, Scale use of meteorological instruments.
B.A. II nd year First Paper	Human Geo.	Helpful in gaining knowledge about human centered approach, its racial distribution, culture and its relation with environment.
B.A. II nd year Second Paper	Rajasthan Geo	To Know about the physiographic of Rajasthan, along with its soil, vegetation, resources and economy.

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B.A. II nd year Third Paper	Practical Geo.	Knowledge about plane and Table survey, contours, maps and their types.
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B.A. Final year First Paper	Economic Geo.	To seek knowledge of spatial distribution of economic activity and resources around world with their importance.
B.A. Final year Second Paper	Environment Geo.	To know about our surrounding and the interaction between biotic and abiotic components along with their impact on us.
B.A. IIIrd year Third Paper	Practical Geo.	To give knowledge about the surveyed field with the help of prismatic compass, projection, profile, topographical sheets.

M.A. Geography 2016-17

M.A. Sem. I	Physical Geo.	Helps in knowing feature of Earth, their origin and landforms associated with it, atmosphere, and temperature of oceans.
	Geo. Thoughts	Helps in studying the evolution of geography as a subject, regional geography of USA, Germany, France, Britain and Philosophy like- position, humanism.

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	Geo. of Arid Lands	Gives knowledge about aridity its causes and indices desertification- causes and controlling measures, regional study of Egypt, and that desert.
	Social and cultural Geo	Gives information about its nature and scope, races, language, religion in world, study of cultural world USA, polar.
	Practical Geo.	Topographical sheet, profiles, projection, measures of central tendency- Mean, Mode and Median.
M.A. Sem II	Environment	To know about our surrounding and the interaction between biotic and abiotic

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	Geo.	components along with their impact on us.
	Urban Geo.	About its meaning, scope and mature. Growth of cities urban planning and its structure, theories with report to urban planning and types of towns.
	Eco & Res. Geo.	To seek knowledge of spatial distribution of economic activity and resources around world with their importance.
	Geo. of Tourism	Gives knowledge about the growth of tourism of economic activities and resources along with their importance.
	Practical Geo.	Knowledge about statistics, maps projection and Geographical tour of a village.
M.A. Sem III	Research Method.	Helps in knowing problems of research and how to identify it, hypothesis, models used in it, data collection etc.
	Population Geo.	Gives information about its nature and scope, problems of population explosion and theories like - Malthus theory, optimum theory.
	Agriculture Geo.	Helps in understanding modern technique in agriculture contract farming, agriculture regions, cropping pattern etc.
	Industrial Geo.	Gives knowledge about the factors of localization of industries, regional study of iron and steel, aluminum.
	Practical Geo.	Representation of geo. Date by graphs and diagrams, climatic graphs, survey by prismatic compass, plane table, dumpy level, the odolite and Indian clinometers.

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M.A. Sem IV	Regional Planning & Developmen t	To Know the region development approach, its importance in planning and theories associated with it.
	Adv. Geo. of India	Give knowledge about physiographic of India and in addition to its soil, vegetation, climate, resource, population, industries and their distribution.

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	climatology & meteorology	Seeks knowledge about meteorological instruments, atmosphere, wealth for casting, climate change and its incidences and reaction of man to climate environment.
	Regional Geo. of USA	It is about our physiographic of USA and its soil, Vegetables, agriculture, minerals, Industries.
	Practical Geo.	Knowledge about R.S., G.I.S., GPS, Aerial photography & Socio Eco Survey of a village.

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Department of Sociology

2016-17

Class & Paper	Name of Paper	Objects
B.A. Ist year First Paper	General Sociology	Knowledge about basic constituents of society.
B.A. Ist year Second Paper	Indian Society & Culture	Knowledge about Hindu social organization.
B.A. IInd year First Paper	Social Anthropology	Knowledge about the tribal society.
B.A. IInd year Second Paper	Social problems	Know about Indian Social problems & How can we control them.
B.A. Final year First Paper	Elementary Social research	Know about research and techniques of research method.
B.A. Final year Second Paper	Social thinker	Study of different social approaches and different theories of thinkers about sociology.

M.A. Sociology

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2016-17

Class & Paper	Name of Paper	Objects
M.A. Sem. I	Basic Concepts in Sociology	Knowledge of Basic Subject.
	Methodology of Social Research	To have an Idea about the research and development.

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	Classical Sociological Traditions	Knowledge of tradition values of sociology.
	Perspectives an Indian Sociology	Knowledge of society and culture.
	Skill Methods in population studies	
M.A. Sem. II	Sociological Theory	About thoughts of thinkers
	Social Anthropology	Students can know and learn about the environment & primitive society.
	Sociology of Development	To acquaint the student about the progressive development of society.
	Indian Sociology	Knowledge about the Indian social organization.
	Skill Social Psychology	
M.A. Sem. III.	Contemporary Social theory	Knowledge about different sociological theories of different thinkers.
	Social Stratification and mobility	Aware about the social hierarchy and change.
	Rural society and development in India.	Though the India is rural oriented country so to know the India Rural studies is important.
	Gender & society	To let the Students know about the equal important of the Genders is the society.
M.A. Sem. IV	Sociology of Religion	Brief knowledge about different religion and impact upon society.

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	Comparatives Sociology	Comparative Study of Indian and western society.
	Political Sociology	Students can get knowledge about the political effect on society.
	Education and society	To literature the student about the signification of the education of society.

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Department of English

2016-17

Class & Paper	Name of Paper	Objects
B.Sc. I	Foundation Course: general English	By learning grammar students are able to construct a frame the sentences effectively. It would be helpful in their practical conversation as well as group discussion etc.
B.A. I		
B.Com. I		
B.A. I Year	Paper I - Prose and Fiction	Students learnt short stories and essays, their art of writing, themes etc.
	Paper II- Poetry	Reading & writing poetry makes students think of new ideas. It is as way to process, experiences, visual description and emotion.
B.A. II Year	Paper I - Prose and fiction	Students gained learning various essays, Novel and themes, facts of the era.
	Paper II - Drama	Students acquire the dramaturgical skills. They learn to analysis works in dramatic literature and performing arts.
B.A. III Year	Paper I- Poetry	It important critical thinking verbal skills and memory. Poetry students learn the magic of metaphor. Compactness of expression, use of their senses and meaning in few lines.

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	Paper II- Drama	Reading play/ Drama promotes communication skills, teamwork, dialogue, socialization. It develops a letter understanding of human behaviors.
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M.A. CBCS 2016-17

Class & Paper	Name of Paper	Objects
M.A. Sem I	P-I Literary criticism I	Students can interpret specific works of literature. It provides readers with relevant historical/ biographical

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		information.
	P- II American Literature	Students are able to Foster arts their ability to discuss literary, dramatic and historical concepts. They develop awareness of cultural history.
	P-III Elementary Linguistics	Students learn the most basic form of language and syntactic rules of grammar and human languages.
	P- IV English Poetry: Chaucer to Donne	Students leant about social and romantic relationship, supremacy of god and religious attitude of the poets and society.
M.A. Sem II	P-V Literary criticism II	Students can interpret specific works of literature. It provides readers with relevant historical/ biographical information.
	P- VI American Literature	Students are able to Foster arts their ability to discuss literary, dramatic and historical concepts. They develop awareness of cultural history.
	P- VII English Grammar and composition	Students learn the four language skills (Speaking, listening, reading and writing). Made aware of language functions, Vocabulary etc.
	P- VIII Marvell to Collins	Students learn the style of lyrical composition of English Society.
M.A. III Sem.	P- IX Drama: Shakespeare to restoration	Students get to know the variety of styles, genres and themes of British literature and history.

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	P- X English poetry: the romantics and Victorians	Students gain the learning of abstract poetic idealism and empirical scientific positivism of Victorians and the historical, cultural and political milieu of the Romantics.
	P- XI (Elective paper) Fiction I	Students gain about the social, economic background, feminism, various writing styles and imagination of the novelists.
	P- XII (Elective Paper) Indian English	Students acquire the knowledge of the condition of Indian, Poets love for nation and imagination.

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	Literature I	
M.A. IV Sem.	P - XIII Modern Drama	Students acquired and developed dramaturgical skills. They learn to critically analyses works in dramatic literature.
	P- XIV English Poetry: Victorians and moderns	This paper educates students in both the artistry and utility of the English language and they are able to apply critical and theoretical approaches to the reading of cultural texts.
	P- XV (Elective paper) Fiction II	Students gain about the social, economic background, feminism, various writing styles and imagination of the novelists of the era.
	P- XVI (Elective Paper) Indian English Literature II	Students acquire the knowledge of the condition of Indian, Poets love for nation and imagination.
B.C.A.	Communication Skills	Students grasped the different ways of communication writing, speaking, and techniques of presentation helped them a lot in expressing, learning and commutating.

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Department of Political Science

2016-17

Class & Paper	Name of Paper	Objects
B.A. I	Paper I Political Theory	Introduces to the Study of values, origin, development, organization and forms of state and government.
	Paper II Indian government and politics	This course focuses in detail on the political processes and actual functioning of the political system of India, dealing with three wings of government namely the legislature, the executive and the Judiciary.
B.A. II	Paper I Comparative government and politics	This course involves a value empirical study of the various processed of politics in their environment. It seeks to analyses the actual political behaviour of individuals, group, structures, and sub systems.
	Paper II Western Political Thinker	It is an attempt to achieve a level of generality which explores and draws conclusions about the nature and relationship between all the major features of government and politics.

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B.A. III	Paper I International Relations	The study of international relations is interdisciplinary in nature, blending the fields of economics, history and political sci. to e topics such as human rights, global poverty, the environment, economics, globalization, security, global ethics and the political environment.
	Paper II Public Administration	It helps to understand public policies which are shaped by, the institutional, legal, political and economic contexts. To identify factors that influences the political support for such policies. Understanding administrative process, bureaucratic behaviour, leadership etc.

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M.A. Political Science 2016-17		
M.A. Sem I	Issues of Public Ad.	Different Government Types like democracy monarchy etc.
Sem II	Comparative Political Inst.	
Sem III	Indian Ad.	
Sem IV	Local self gov.	

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2016-17	
B.Com (Pass Course)	
Programme Outcome	This program can provide well trained professionals for the industries, Banking Sectors, Insurance Companies, Financing Companies, Transport Agencies etc. to meet the well trained manpower requirements.
Program Specific Outcome	The students should possess the knowledge, skills and attitude during the end of the B.Com degree course related to accountant, bank manager, auditor, teacher, stock agents, cost accountant, government jobs etc.
Course	Outcomes
Financial Accounting	On successful completion of this course the students are enabled with the knowledge of practical applications of accounting, financial reports etc.
Cost Accounting	The students become able to learn the process to compute cost of product and services in a manufacturing concern.
Business Economics	This subject provides the basics of principles of economics which is very important for all those students who are interest in business activities.
Economic Environment	This subject provides the information about resources available in our surroundings and government policies.
Principle of Management	The students will be able to understand the functions of management i.e. planning, organising, directing to control and to learn the new technique of managing.
Business Framework	The paper provides students with a sound understanding of the legal aspects of various laws affecting businesses and applies basic principles of law to various problems which business faces.
Regulatory	
Corporate Accounting	This course aims to enlighten the students on the accounting procedures followed by the companies.
Business Statistics	This course aims to enlighten the students on the statistical process, tools and techniques for solving practical problems.
Money and Banking System	This course is benefited to acquaint the origin and functions of money and practical approach of banking system.



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International trade finance	trade an d	This is benefited to gain the knowledge about report and import for world-wide balanced growth of trade and finance.
Business Communication		This course develops personality of students and improves their communications skills.
Corporate Law		After the completion of the course student will able to Explain and apply the fundamental Principles of Company Law. The students will learn to understand and appreciate the interrelationship between law and

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	business, so as to enable them to analyze legal problems, recognize how law influences business and management decision making in these areas, and improve their management skills when faced with legal issues.
Income-tax and Law	This course aims to provide an-in-depth knowledge on the provisions of income tax and also familiarise the students with recent amendments in income-tax.
Management Accounting	This course provides the knowledge of conceptual framework of management accounting and management accounting's tools and techniques in business decision making.
Auditing	This course aims is to enlighten the students on principles and procedure of auditing.
Financial Management	This course is benefited to acquaint from the financial aspect of management for decision-making.
Financial Market Operations	This is benefited to give clear idea about significance of financial market operations for economic programmes.
International Marketing	This course aims to develop an advanced understanding of the international marketing environment, the international marketing mix, and international marketing strategy, product adaptation for international markets and strategic issues in international marketing.

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2016-17	
B.Com (Honours) Accounting	
Programme Outcome	This programme can provide well trained professionals for the Industries, Banking and Insurance Sector, Financing Companies etc. to meet the well trained manpower requirements.
Programme Specific Outcome	The students should process the knowledge, skills and attitudes related to Accountant, Cost Accountant, Management Accountant, Income tax officers etc.
Course	Outcome
Corporate Accounting	This course aims to enlighten the students on the accounting procedures followed by the companies.
Management Accounting	This course provides the knowledge of conceptual framework of management accounting and management accounting's tools and techniques in business decision making.
Income Tax	This course aims to provide an-in-depth knowledge on the provisions of income tax and also familiarise the students with recent amendments in income-tax.
Auditing	This course aims is to enlighten the students on principles and procedure of auditing.
Financial Management	This course is benefited to acquaint from the financial aspect of management for decision-making.
E-Commerce	To enhance the computer literacy and its applicability in business through latest version on e-commerce principles.
Advanced Accounting	Students shall develop the ability to identify and evaluate accounting problems and arrive at reasonable conclusions.



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Business Statistics	This course aims to enlighten the students on the statistical process, tools and techniques for solving practical problems.
Operation Research and Decision Making	The aim of this course is to make students acquainted with the techniques of problem solving regarding the operations of the business.
Functional Management	This course provides the knowledge of human-resource management, production and marketing management and organisation behaviours.
Indirect Tax	This course provides the knowledge of various indirect taxes ex. Excise duty, customs duty, VAT, etc. to students.

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Financial Institutions, Market and Services

The course aims to help students to appreciate and understand how financial markets and institutions operate, introduces financial institutions and other market participants, their roles in the financial system and the ways they interact with each other, help students to understand commonly used financial instruments and how they work.

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2016-17

BBA	
Programme Outcome	The students will be able to demonstrate critical thinking skills, knowledgeable about ethical factors in the business environment, about the global business, will be proficient users of business presentation with effective communication.
Programme Specific Outcome	The students will be able to demonstrate appropriate knowledge in Accounting, Management, Marketing, Global Dimensions of Business, Business Finance, the Legal Environment of Business, Economics, Business Ethics, Information Management Systems, Quantitative Methods/Statistics methods in decision science, Business Leadership, and Strategic Management, they will be able to apply theories and techniques from their academic programs in the context of an internship or experiential project.
Course	Outcome
Fundamentals of Accounting	To enable the students to learn principles and basic concepts of accountancy.
Business Statistics	This course aims to enlighten the students on the statistical process, tools and techniques for solving practical problems.
Organisation and Management	The students will be able to understand the functions of management i.e. planning, organising, directing to control and to learn the new technique of managing.
Economic Environment	To acquaint the students with the economics problems and to cope up with them.



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Managerial Economics	The main objective is to develop students' capacity to analyze the economic environments in which business entities operate and understand the way managerial decisions can vary under different constraints due to economic environment places on a manager's pursuit of his/her goals.
Business Law	The paper provide students with a sound understanding of the legal aspects of various laws affecting businesses and apply basic principles of law to various problems which business faces.
Business Communication Skills	To make the students acquainted with various forms of business communication and to make them equipped enough that they are able to put it into practice.
Cost and Management Accounting	The students become able to learn the process to compute the cost of product and services and also tools of management accounting to take managerial decision in an industry.

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Quantitative Techniques	The aim of this course is to make students acquainted with the techniques of problem solving regarding the operations of the business.
Marketing Management	It provides an overview of marketing operations in a management context as well as to give the knowledge and skills about how to manage the marketing policy in the firm.
Computer Applications	To develop a detailed understanding of the legal framework that influences and regulates the existence of an Indian Company in the present arena.
Corporate Law	To develop a detailed understanding of the legal framework that influences and regulates the existence of an Indian Company in the present arena.
Production and Materials Management	To provide a detailed understanding of the fundamentals, tenets, functions and activities of production management in general and material management particularly.
Business Taxation	This course aims to provide an-in-depth knowledge on the provisions of income tax and also familiarise the students with recent amendments in income-tax.
Financial Management	This course is benefited to acquaint from the financial aspect of management for decision-making.
Entrepreneurship and small scale industries	This course provide the knowledge that how a person can start a new business and develop it.
E-Commerce	This course is benefited to acquaint from the financial aspect of management for decision-making.
Organisational Behaviours	This course provides the knowledge that how a person can start a new business and develop it.
Human Resource Management	To enhance the computer literacy and its applicability in business through latest version on e-commerce principles.
International Trade	This paper examines the behavior of people in the work environment. The students can develop a basic understanding of individual behavior and explore issues of motivation, communication, leadership, decision-making, careers, power and organizational change.



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M Com (CBCS) 2016-17
Department of Business Administration

Program me outcome	M. Com	The students will develop an ability to apply knowledge acquired in problem solving, Ability to work in teams with enhanced communication and inter-personal skills. The students will be ready for employment in functional areas like Human Resource Management, Finance, Marketing and Research. The students will develop an ability to start entrepreneurial activities and it helps inculcate ethical values, team work, leadership and managerial skills.
Program me specific outcome	M Com Bus Adm	The student inculcates the knowledge of business and the techniques of managing the business with special focus on marketing, advertising and sales promotion, and entrepreneurial development. To develop the decision making skill through practical application of financial management theories, production and operations and supply chain management concepts. To enhance the horizon of knowledge in various field of commerce subject like human resource management, research, finance, marketing.

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M COM SEMESTER I

		Course	Outcomes
Core course 1	Bus. Adm .-101	Representative Management Thinkers	After the completion of the course the student will be able to understand the key management concepts, principles and contribution by different Management thinkers.
Core course 2	Bus. Adm .-102	Marketing Management	This course will provide students with an opportunity to develop and Interpret complex marketing issues and problems using relevant theories, concepts and methods with regard to ethical conduct. And to apply contemporary marketing theories to the demands of business and management practice.
Core course 3	Bus. Adm .-103	Human Resource Management	The aim is to give the knowledge of basic principles of how organisation acquires people, rewards motivates and manage them effectively.
Core course 4	Bus. Adm .-104	Financial Management	This course is benefited to acquaint from the financial aspect of management for decision-making.
Skill Course I	E-Marketing		This course explores strategic marketing issues related to the use of e-commerce solutions for business-to-business (B2B) and business to consumer (B2C) transactions.



M COM SEMESTER II

Core course 5	Bus.A dm. -201	Strategic Management	This paper is concerned with the long-term direction, scope and performance of an organization.
Core course 6	Bus.A dm. -202	Organization Behaviour	This paper examines the behaviour of people in the work environment. The students can develop a basic understanding of individual behaviour and explore issues of motivation, communication, leadership, decision-making, careers, power and organisational change.
Core course 7	Bus.A dm. -203	Entrepreneurship and Small Business	This paper provides students with cutting-edge knowledge and skills on how to successfully develop captivating products and services to solve challenging problems in a highly uncertain environment, often under considerable time constraints with very limited resources to make them able to apply these skills in the context of both new ventures as well as in established companies.
Core course 8	Bus.A dm. -204	Production &	Objective of the syllabus is to acquaint the students with the knowledge of various tools and techniques which helps in optimal utilization the scarce resources of an organization. After successful completion of the course, student will be able to understand and grasp the concept of Applied Operations Research.
Skill course II	Personality Development &		The students provide the essential foundational elements for leadership skill-building and student success.



M COM SEMESTER III

SEMESTER III			
Core course 9	Bus.A dm. -301	Fundamentals of	This course is designed to provide students with an understanding of relevant approaches and elements of undertaking a research enquiry specifically to provide insights to solving a relevant problem.
Core course 10	Bus.A dm. -302	International Business	The paper focus on the advanced knowledge within international business and specialised competence in global customer value and provide students with in-depth knowledge of scientific theories and methods used in research within the field of international business
Discipline Specific Elective 1	Bus.A dm. - 303M	Consumer Behaviour And Marketing Research	Understand the consumer behaviour and its role in the corporate world, Apply the knowledge about individual determinants, Analyze the external influences on consumer behaviour.
Discipline Specific Elective 2	Bus.A dm. - 304M	Logistics And Supply Chain Management	The paper provide students with advanced knowledge about supply chains and logistics in general, specialized knowledge about selected topics when dealing with different types of supply chains and extensive knowledge of scientific theories and methods relevant to managing supply chains and operations within such chains.
Skill course III	E-Commerce		To enhance the computer literacy and its applicability in business through latest version on tally and e-commerce principles.



SEMESTER IV			
Core course 11	Bus.A dm. -401	Labour and Industrial Laws	Students will have sufficient knowledge of basic Acts pertaining to labour welfare and social security as applicable in India.
Core course 12	Bus.A dm. -402	Corporate Governance, Ethics and Social Responsibility	This paper introduces students to the relationship between business and ethics, and tries them to understand how ethical principles could influence management decisions. It also signifies the concept of CSR and its implications on business.
Discipline Specific Elective 3	Bus.A dm. - 403M	Retail Marketing	This paper make student understand the conceptual and organizational aspects of the retail sector, including strategic planning and management in the retail industry and Apply the principles, practices, and concepts used in retail marketing management.
Discipline Specific Elective 4	Bus.A dm. - 404M	Service Marketing and Customer Relationship Management	To provide students with an appreciation of concepts, functions, and techniques of thecraft of marketing services and CRM.Students examine the important issues facing service providers and the successful implementation of a customer focus in service-based businesses. Topics include an overview of services marketing; understanding the customer in services marketing; standardizing and aligning the delivery of services; the people who deliver and perform services; managing demand and capacity; and promotion and pricing strategies in services marketing.
Skill course IV	Information Technology Applications in Business	Technol	The paper make student to understand and create awareness in application oriented research through research for business decisions.



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Department of Chemistry

2016-17

Class : B.Sc. Ist Year

Paper Name	Paper Code	Objects
Inorganic Chemistry	CH - 101	Chemical bonding, periodic properties, Qualitative Analysis. Properties of Glans and Cement.
Organic Chemistry	CH - 102	Mechanism of organic chemistry, Stenochemish arenes and its aromaticity.
Physical chemistry	CH - 103	Liquid, Colloidal state, solution phase, Gaseous state and kinetic of reactions.

Class : B.Sc. IInd Year

Paper Name	Paper Code	Objects
Inorganic Chemistry	CH - 201	Periodic properties acid and bases and coordination concepts.
Organic Chemistry	CH - 202	Absorption spectroscopy noncelature, properties reactions of phenols, Aldepydes, carboxylic and nitrogen containing compounds.
Physical chemistry	CH - 203	laws of thermodynamic phase, component and equiluitorim.

Class : B.Sc. IInd Year

Paper Name	Paper Code	Objects
Inorganic Chemistry	CH - 301	Hard and soft acids, bioinorganic metallurgy concept.
Organic Chemistry	CH - 302	NMR spectroscopy, Str, properties and chemical Rx ⁿ of Heterocyclic. Compounds and synthetic polymer.



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Physical chemistry	CH - 303	Different types of spectroscopy, photochemical process, solid state and adsorption p
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Class : M.Sc. (P) I Sem.

Paper Name	Paper Code	Objects
Inorganic Chemistry	CH - 101	Metal - legend equilibrium and types of trans
Organic Chemistry	CH - 102	Stereo chemistry and aromaticity organic compunds.
Physical chemistry	CH - 103	Catalytic, Chemical kin , adsorption polymer and electro chemistry of solution.
Instrumental Method of Analysis	CH - 104	Insrumental analysis methods, atomic spectro analytical techniques and chromatograpgy te

Class : M.Sc. (P) II Sem.

Paper Name	Paper Code	Objects
Inorganic Chemistry	CH - 201	Acid, Base hydrolysis, Substitution is square planer complexes and metal clusters.
Organic Chemistry	CH - 202	Aliphatic, aromatic nuclephilic and etetrophilic substitution reactions and its properties.
Physical chemistry	CH - 203	Classical and statistical thermodynamic concepts.
Instrumental Method of Analysis	CH - 204	Electro analytic methods thermal analysis and basic concepts of analytical instruments and voltammeter.

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Class : M.Sc. (F) III Sem.

Paper Name	Paper Code	Objects
Group Theory And Inorganic Spectroscopy	CH - 301	Symmetry operations, point group. ESR, NMR and vibration spectroscopy.
Application of organic spectroscopy	CH - 302	U.V, Visible, IR, NMR and Mass spectroscopy and its applications.
Organo Metallic Chemistry	CH - 303	Organo transition metal compounds, transition metal and composes its banding and structure.
Nanotechnology and Nanomaterials	CH - 304	Nanostructure material and characterization techniques of Nano materials.

Class : M.Sc. (F) IV Sem.

Paper Name	Paper Code	Objects
Solid State Chemistry	CH - 401	Electronic str. of solids, properties of solid and different types of solid state reactions.
Biochemistry	CH - 402	Role of metal ions in biological process, enzyme coenzyme chemistry and Bio - Energetic and Bio polymers interaction.
Industrial Chemistry	CH - 403	Chemistry of colors, ores and minerals.
Polymer Chemistry	CH - 404	Structure and properties and commercial polymer and polymer processing.

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Department of Physics

2016-17

CLASS NAME	PAPER NAME	PAPER CODE	OBJECTIVE OF PAPER/STUDENT GAIN
B.SC -1 YEAR	MECHANICS	Phy.101	The objective of this paper is to make the students understand the concept of stress and strain in different types of structure different loading condition
	OPTICS	Phy.102	In this PAPER students should gain a greater understanding of what is light and how it interacts with different media.
	Electromagnetics	Phy.103	IN this Paper students to gain an in-Departmenth understanding of fundamental electromagnetic concepts, theorems, and analytical techniques
B.SC -2 YEAR	STATISTICAL AND THERMAL PHYSICS	Phy.201	Sstudents will be able to analyze and evaluate various thermodynamic cycles used for energy production - work and heat, within the natural limits of conversion.
	QUANTUM MECHANICS AND SPECTROSCOPY	Phy.202	Have a deep understanding of the mathematical foundations of quantum mechanics, • Be able to solve the

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			Schrödinger equation for simple configurations, • Understand the effect of symmetries in quantum mechanics.
	Electronics	Phy.203	An ability to design a system, component, or process to meet desired needs within realistic constraints .
B.SC 3 YEAR	Solid State Physics	Phy.301	Understanding Solid State will also help to understand how instruments such as CT scan, MR imaging, digital camera, photo detectors and many other similar instruments are working. The information will also give abilities to student to improve their mind to understand and build new instruments.
	Nuclear Physics	Phy.302	The prime aim of the studies in nuclear physics is to understand the structure of nucleus.
	Relativity and Electrodynamics	Phy.303	To apprise the students regarding the concepts of electrodynamics and Maxwell equations and use them various situations

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Department of Mathematics

2016-17

Class Name B.Sc. Part III MATHEMATICS

S.N	Paper Name	Paper Code	Objective of Paper /Student Gain(In 2-3 Lines)
1	Abstract Algebra	Paper1	To understand algebraic concept with the help of linear algebra.
2	Analysis and Laplace Transforms	Paper2	To understand Basic Analysis part and there application
3	Mechanics II (Dynamics of Rigid Bodies and Hydrostatics)	Paper3	To understand hydrodynamics and concept of Dynamics eith there application in Life

Class Name B.Sc. Part II MATHEMATICS

S.N	Paper Name	Paper Code	Objective of Paper /Student Gain(In 2-3 Lines)
1	Numerical Analysis and Linear Programming	Paper1	Understand concept of Linear Equation and there application in daily Life.
2	Differential Equations	Paper2	To solve differential and Partial differential equation
3	Mechanics I (Statics and Dynamics of particle)	Paper3	To understand motion of particle and friction ,virtual work

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Class Name B.Sc. Part I MATHEMATICS

S.N	Paper Name	Paper Code	Objective of Paper /Student Gain(In 2-3 Lines)
1	Algebra and Co-ordinate Geometry of Two Dimensions	Paper1	Basic idea of 2 dimension geometry and Matrix algebra
2	Calculus	Paper2	Understand basic idea of differential and integral Calculus
3	Co-ordinate Geometry of three Dimensions and Vector Calculus	Paper3	Some vector theorem and Basic Idea of coordinate Geometry.

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Class Name B.C.A. Part I MATHEMATICS

S.N	Paper Name	Paper Code	Objective of Paper /Student Gain(In 2-3 Lines)
1	Fundamental of Mathematics	BCA101	Basic idea of Matrix ,trigonometry, coordinate geometry.

Class Name M.Sc. previous 1 sem MATHEMATICS

S.N	Paper Name	Paper Code	Objective of Paper /Student Gain(In 2-3 Lines)
1	Algebra – I	Math – 101	Some theorems on algebra and there applications
2	Advanced Real Analysis	Math – 102	Understand concept of real Analysis by some theorems
3	Differential Equations	Math – 103	Solution of Riccati and other Equation
4	Special Functions	Math – 104	To understand basic idea of hyper geometric Function and other special function
5	Analytical Dynamics and Numerical Analysis	Math – 105	Some idea solution of differential equation by numerical Method and analytic Dynamics

Class Name M.Sc. previous2 sem MATHEMATICS

S.N	Paper Name	Paper Code	Objective of Paper /Student Gain(In 2-3 Lines)
1	Algebra – II	Math – 201	Extension of theorems on algebra and there applications
2	Measure Theory and Integration	Math – 202	Some theorems on measure and there application on intrgral

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3	Hydrodynamics	Math – 203	the branch of science concerned with forces acting on or exerted by fluids (especially liquids).
4	Classical Polynomials and Integral Transforms	Math – 204	Some basic Idea of Lagrange, hermit, miline transform
5	Analytical Dynamics and Numerical Analysis-II	Math – 205	Solution of Partial Equation by numerical Analysis .

Class Name M.Sc. Final3 sem MATHEMATICS

S.N	Paper Name	Paper Code	Objective of Paper /Student Gain(In 2-3 Lines)
1	Complex Analysis	Math – 301	This course is aimed to provide an introduction to the theories for functions of a complex variable. The notion of the Riemann sheet is presented to help student visualize multi-valued complex functions. Complex integration and complex power series are presented
2	Tensor Analysis	Math – 302	tensor calculus or tensor analysis is an extension of vector calculus to tensor fields (tensors that may vary over a manifold, e.g. in spacetime). Developed by Gregorio Ricci- Curbastro and his student Tullio Levi-Civita, it was used by Albert Einstein to develop his theory of general relativity.
3	Functional Analysis – I	Math – 303	Functional analysis is a branch of mathematical analysis , the core of which is formed by the study of vector spaces endowed with some kind of limit-related structure (e.g. inner product, norm, topology, etc.) and the linear functions defined on these spaces and respecting these structures in a suitable sense

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4	Operation research/Integral equation	Math – 304	The objective of the course module is to study Integral Equations and to know that what is the relationship between the integral equations and ordinary differential equations
5	MHD/LVFT	Math – 305	Define laminar flow and turbulent flow. Explain what <i>viscosity</i> is. Calculate flow and resistance with Poiseuille's law

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Class Name M.Sc. Final4sem MATHEMATICS

S.N	Paper Name	Paper Code	Objective of Paper /Student Gain(In 2-3 Lines)
1	Topology	Math – 401	study of geometrical properties and spatial relations unaffected by the continuous change of shape or size of figures.
2	Differential Geometry	Math – 402	Differential Geometry is the study of geometric properties using Differential and Integral Calculus. It is a branch of mathematics dealing with geometrical forms and the intrinsic properties of curves and surfaces as related to differential calculus and mathematical analysis.
3	Functional Analysis – II	Math – 403	Functional analysis is a branch of mathematical analysis , the core of which is formed by the study of vector spaces endowed with some kind of limit-related structure (e.g. inner product, norm, topology, etc.) and the linear functions defined on these spaces and respecting these structures in a suitable sense
4	Operation research2/Integral equation2	Math – 404	Operations research (OR) is an analytical method of problem-solving and decision-making that is useful in the management of organizations. In operations research , problems are broken down into basic components and then solved in defined steps by mathematical analysis
5	MHD2/LVFT2	Math – 405	Magnetohydrodynamics (MHD; also magneto-fluid dynamics or hydromagnetics) is the study of the magnetic properties and behaviour of electrically conducting fluids.

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**Department of Zoology
2016-17**

Class Name: B.Sc. First Year

S.N	Paper Name	Paper Code	Objective of Paper /Student Gain(In 2-3 Lines)
1	PAPER I: ANIMAL DIVERSITY AND EVOLUTION	1513	Provides knowledge about diversity of invertebrate animals in nature with their key features, taxonomy and understanding of the process of evolution
2	PAPER II: BIOLOGY NON-CHORDATES	1514	Giving a detailed knowledge about life of non-chordates.
3	PAPER III: CELL BIOLOGY AND GENETICS	1515	Provides information about cell and its components along with inheritance of characters

Class Name: B.Sc. Second Year

S.N	Paper Name	Paper Code	Objective of Paper /Student Gain(In 2-3 Lines)
1	PAPER I: CHORDATE STRUCTURE	1561	Provides knowledge about chordate classification and their life, biological process and adaptations.
2	PAPER II: DEVELOPMENT BIOLOGY	1562	Giving a detailed understanding about the fact the journey of life from gametogenesis to organogenesis. Provides knowledge about twins, stem cells, cloning, artificial insemination etc.
3	PAPER III: IMMUNOLOGY MICROBIOLOGY BIOTECHNOLOGY	1563	Provides knowledge about our defense system, medical and applied microbiology, microbes study, applications of biotechnology in different fields.

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Class Name: B.Sc. Third Year

S.N	Paper Name	Paper Code	Objective of Paper /Student Gain(In 2-3 Lines)
1	PAPER I: ANIMAL PHYSIOLOGY AND BIOCHEMISTRY	1616	Provides complete knowledge about different physiological systems of humans and their mechanism with detailed information about biomolecules
2	PAPER II : ECOLOGY AND BEHAVIOUR	1617	The paper giving knowledge about the environment, different ecosystems of earth, pollution, communities and different behaviors of animals and their social organization and wildlife
3	PAPER III : APPLIED ZOOLOGY	1618	Provides knowledge about how we earn from zoology by understanding the different techniques of applied zoology like Vermiculture, sericulture, pest management, fish culture etc.

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Department of Botany

2016-17

S.N	Class	Paper Name	Paper code	Objective of Paper /Student Gain(In 2-3 Lines)
1	B.sc. I yr	Fungi , Microbiology, Plant Pathology	-	Knowledge about Lower plant group and its development
2	B.sc. II yr	Anatomy of Angiosperm, and Economy Botany	-	Student gain the information about Internal structure of the plant as well as knowing about commercially important about plant
3	B.sc. Iyear	Practical work- Algae , Plant Pathology, Microbiology	-	Hands on practices of Microorganism like Bacteria and Fungi , as well as divers group of algae and disease of plants
4	B.sc.II year	Practical work- Taxonomy and Cytology	-	Gain the knowledge about Flowering plant in nature and know their chromosome study in laboratory by hand hand
5	M.sc.Isem	Biology and Diversity of Microbes, Algae and Fungi	BOT103	Knowledge about Lower plant group and its development

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6	M.sc.IIsem	Plant Resources, Utilization and conservation	BOT203	Student always gain the information about growing pattern of the plant, utilization and conservation in Local Tour
7	M.sc. IIIsem	Microbial Ecology-I	BOT 304	Student gain the knowledge about microbes present in the extreme environment
8	M.sc.IVsem	Microbial Ecology-	BOT	

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		II	404B	
9	M.sc.Isem	Practical	BOT 103	
10.	M.sc.IIsem	Practical	BOT 203	
11	M.sc.IIIsem	Practical	BOT 304	
12.	M.sc. IVsem	Practical	BOT 404 B	

S.N	Class	Paper Name	Paper code	Objective of Paper /Student Gain
1	B.sc. I yr	Algae, Lichen and Bryophytes	-	To Information about
2	B.sc. II yr	Taxonomy and Embryology of Angiosperm	-	Biodiversity of plant ,
3	B.sc. III yr	Plant physiology, Biochemistry	-	Morphological, and internal
4	B.sc. III yr	Practical	-	structure , development and
5	M.sc.I sem	Biology and Diversity of Microbes, Algae and Fungi	BOT103	internal functioning process of
6	M.sc.II sem	Plant Development And Reproductive Biology	202	plants theoretically as well as
7	M.sc. II sem	Plant physiology	204	practically
8	M.sc.III sem	Plant Metabolism	302	
9	M.sc.I sem	Practical	BOT 106	
10.	M.sc.II sem	Practical	BOT 205	
11	M.sc.II sem	Practical	BOT 206	
12.	M.sc. III sem	Practical	BOT 305	

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Department of Biotechnology

2016-17

B.Sc. FIRST YEAR		
PAPER NAME	PAPER CODE	OBJECTIVE OF PAPER/STUDENT GAIN
BIOCHEMISTRY AND BIOSTATISTICS	PAEPR-I	Students gain knowledge on basics of Biochemistry- functioning of biomolecules; Biostatistics- data collection and interpretation
CELL BIOLOGY AND GENETICS	PAPER-II	Students gain information regarding structures of Cell organelles and principles of genetics
MICROBIOLOGY AND COMPUTATIONAL BIOLOGY	PAPER-III	Students learn about microbial diversity, metabolism and genetics along with basics of Bioinformatics.
PRACTICALS		Basic Biochemistry through protein and sugar and lipid estimation and chromatography. Staining techniques and Microbial culture.
B.Sc. SECOND YEAR		
MOLECULAR BIOLOGY	PAEPR-I	Students learn the basic working of cell, various activities and gene flow.
BIOPHYSICS	PAPER-II	Students gain knowledge about mechanism of reactions in biomolecules, photosynthesis, light reception. Information regarding hearing, vision and their basics, instrumentation techniques and their applications

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IMMUNOLOGY AND CELL CULTURE	PAPER-III	Students learn about the basics of Immunology, Antibody-antigen interactions, conditions related to immune responses. Information regarding Animal cell culture and technology and its application is also explained in the paper.
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PRACTICALS		DNA extraction procedure for plants, Immuno-diagnostic techniques, Spectrophotometry, Study of Blood cell, type and basics.
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B.Sc. FINAL YEAR

RECOMBINANT DNA TECHNOLOGY	PAEPR-I	Students learn about the tools and techniques of rDNA Technology and its varied applications
PLANT BIOTECHNOLOGY	PAPER-II	Students gain information about the basics of Plant Tissue culture-history, advance, its tools and techniques along with the applications

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ENVIRONMENTAL AND ANIMAL BIOTECHNOLOGY	PAPER-III	Students learn about the advances in animal cell culture technology, its application in medical science. Effects of conventional fuel usage on the environment. Biodiversity, Bio remediation and use of non- conventional fuels to help the reduction of carbon emissions.
PRACTICALS		Plant Tissue culture techniques, media preparation, Calculation of D.O and C.O.D, estimation of protein in animal tissue.

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DEPARTMENT OF BIOTECHNOLOGY COURSE
OUTCOME- UNDERGRADUATE PROGRAMME

M.Sc. PREVIOUS		
SEMESTER-I		
PAPER CODE	PAPER NAME	OBJECTIVE OF PAPER/STUDENT GAIN
BT-101	PRINCIPLES OF MICROBIOLOGY	Students learn about the basics of Microbial Cell structure, function, classification.
BT-102	CELL AND DEVELOPMENTAL BIOLOGY	Students gain knowledge regarding the developmental processes in animal and plant cells, the metabolic activities in the cell
BT-103	FUNDAMENTALS OF IMMUNOLOGY	Students learn about the basics of Immunology, Antibody-antigen interactions, conditions related to immune responses, Auto-immune disease and Immune techniques.
BT-104	BASIC MOLECULAR BIOLOGY	Students learn about the central dogma, the molecular biology of replication, transcription and translation. Biology of oncogenes and tumor suppressor genes.
BT-105	PRACTICAL EXAMINATION I COVERING FIRST TWO THEORY PAPERS	Basic Biochemistry through protein and sugar and chromatography. Staining techniques and Microbial culture.
BT-106	PRACTICAL EXAMINATION II COVERING SECOND TWO THEORY PAPERS	Basic Immuno-techniques, Isolation of DNA, practical related to Immunology, Molecular Biology
SEMESTER-II		

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BT-201	PRINCIPLES OF BIOCHEMISTRY	Students gain knowledge on basics of Biochemistry- functioning of biomolecules; kinetics and actions.
BT-202	GENETICS AND EVOLUTION	Students learn about the laws of Genetics and its applications to study heredity and variation. Principles of Evolution and its relevance
BT-203	COMPUTATIONAL BIOLOGY AND BIOINFORMATICS	Students learn about Biostatistics and Bioinformatics- basics and application
BT-204	BIOANALYTICAL TECHNIQUES	Students gain information about the various instrumentation techniques used in the Biotechnology and the principles behind them- their working and applications.
BT-205	PRACTICAL EXAMINATION I COVERING FIRST TWO THEORY PAPERS	Experiments related to protein, sugar estimation. Chromatography, Genetics
BT-206	PRACTICAL EXAMINATION II COVERING SECOND TWO THEORY PAPERS	Experiments related to Bioinformatics and Biostatistics and use of Instruments.

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DEPARTMENT OF BIOTECHNOLOGY COURSE OUTCOME- POST-GRADUATE PROGRAM

M.Sc. FINAL		
SEMESTER-III		
PAPER CODE	PAPER NAME	OBJECTIVE OF PAPER/STUDENT GAIN
BT-301	GENOMICS AND PROTEOMICS	Students learn about the basics of Genomics and Proteomics, the various techniques used in the analysis of genes and genome. Study of Genome of Prokaryotic and Eukaryotic organisms.
BT-302	GENETIC ENGINEERING	Students learn about the tools and techniques of rDNA Technology and its varied applications. The novel techniques related to study of genes and disease and application
BT-303	ENVIRONMENTAL BIOTECHNOLOGY	Students gain knowledge related to Environmental Pollution and ways to mitigate it through Biotechnological approaches.
BT-304	IPR, BIOSAFETY AND BIOETHICS	Students learn about the basics of Intellectual Property rights, patenting procedure, Bioethics in lab and Biosafety measures.
BT-305	PRACTICAL EXAMINATION I COVERING FIRST TWO THEORY PAPERS	Experiments related to Gene study, sequence alignment and other Bioinformatics approaches. Mapping studies and construction, amplification of DNA.

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BT-306	PRACTICAL EXAMINATION II COVERING SECOND TWO THEORY PAPERS	Experiments related to Environmental Biology and Biosafety measures.
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SOORSAGAR ROAD, JODHPUR**



MAHILA P.G. MAHAVIDYALAYA
Recognized as MODEL COLLEGE by Raj. Govt.
Kamla Nehru Nagar, Soorsagar Road, Jodhpur-342009
e-mail: info@jvss.org • website: www.jvss.org • 0291- 2759473 • Fax: 0291- 2759396

SEMESTER-IV		
BT-401	BIOPROCESS ENGINEERING AND TECHNOLOGY	Students gain information about Bioprocess fundamentals, Downstream processing, applications etc.
BT-402	PLANT BIOTECHNOLOGY	Students gain information about the basics of Plant Tissue culture-history, advances, its tools and techniques along with the applications
BT-403	ANIMAL CELL CULTURE AND APPLICATION	Students learn about the basics of Animal cell culture, sterilization and instrumentation and its application in various fields
BT-404	DISSERTATION	A three month training program aiming to develop research aptitude in the students with presentation of a Dissertation on the topic the student has worked on.
BT-405	PRACTICAL EXAMINATION I COVERING FIRST TWO THEORY PAPERS	Experiments related to Bioprocess technology basics, Plant Tissue culture and its varied types
BT-406	PRACTICAL EXAMINATION II COVERING SECOND TWO THEORY PAPERS	Experiments related to Animal Cell Culture and Basic Cell morphology

Manoranjan Upadhyay
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Department of Computer Science

2016-17

CODE	SUBJECT	DESCRIPTION
THEORY		
BCA-101	Fundamentals of Mathematics	Learn basic maths with set relations, quadratic equations, circle, determinant and Matrices
BCA-102	Programming with 'C'	Concepts of programming and approaches
BCA-103	Internet Technology	Learn basics of Internet and technology
BCA-104	Fundamentals of Computers	Learn basics about computer, Network and Digital and analog signals
BCA-105	Digital Logic	Study and designing of Digital circuits
BCA-106	Environmental studies	Get knowledge related to environment.
PRACTICAL		
BCA-107	HTML Lab	Learn web development
BCA-108	C Programming Lab	Learn code and syntax to develop a program
BCA-109	MS Office Lab	Learn word, excel, PowerPoint to express views in attractive manner with formatting.
BCA-110	Digital Electronics Lab	Implementation of designing of Digital circuits

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BCA II YEAR

CODE	SUBJECT	DESCRIPTION
THEORY		
BCA-201	Operating system	Knowledge about various computer operating systems
BCA-202	Data structures and algorithms	Knowledge about various data structures in computer architecture
BCA-203	Programming with C++	Develops skill in C++ Programming
BCA-	Computer system	Learns Microprocessor architecture and

	architecture	microprocessor programming
BCA-205	DBMS	Learns basic database management system through different softwares
BCA-206	Visual Programming	Learn web and windows application development related syntax, code and read about basic objects and controls
PRACTICAL		
BCA-207	Visual Basic .NET Lab	Learn implementation of code and syntax for web and windows application development
BCA-208	Oracle SQL Lab	Study of implementation of database management softwares
BCA-209	Programming C++ Lab	Study and implementation of C++ programming
BCA-210	8085 Microprocessor Lab	Study and implementation of Microprocessor programming

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BCA III YEAR

CODE	SUBJECT	DESCRIPTION
THEORY		
BCA-301	Java Programming	Develops skill in JAVA Programming
BCA-302	Multimedia Tools	Study about multimedia product development tools Like Image,sound,graphics,text,audio Video, Animation etc.
BCA-303	Computer Networks	study about Network architecture, Data communication process and Lan access technology, error detection and correction techniques
BCA-304	Web Technologies	Study about web based technologies
BCA-305	System analysis & Design	Study about various phases of Project development
BCA-306	Communication Skills	Study about communicative English

PRACTICAL		
BCA-307	Java Lab	Study and implementation of JAVA programming
BCA-308	ASP.NET Lab	Study and implementation of ASP.NET programming
BCA-309	Project Work	Implementation of Languages and team work
BCA-310	Seminar	Presentation and communication skills

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