



MAHILA P.G. MAHAVIDYALAYA

Recognized as MODEL COLLEGE by Raj. Govt.

Kamla Nehru Nagar, Soorsagar Road, Jodhpur-342009

e-mail: info@invss.org • website: www.invss.org • 0291- 2759473 • Fax: 0291- 2759396

Department of Urdu

2015-16

Class & Paper	Name of Paper	Objects
B.A. Ist year First Paper	नस , आर ज़मा	उद गद्य आर नाटय कला का स्वाव एवविश लषण सीखा
B.A. Ist year Second Paper	शाइरी आर कवाइद	गज ल आर जज़्म क भाषाई स स्कारा क स थ स थ काय- त्य करण
B.A. IInd year First Paper	नस , नज़्म आर तकनीदी तज्जिया ।	गद्य एवं पद्य की विविध विधाआ का इतिहास एवं तकनीकी जानकारी सहित ज्ञान
B.A. IInd year Second Paper	तज्जिया, मज्मून आर तारीखा अदब	उद भाषा एवं साहित्य क उदभव का ज्ञान एवं उत्तरतर विकास का बंध
B.A. Final year First Paper	उद अदब की तारीखा का- तआरुफ़	उद साहित्य का कमवार परिचय एवं विकास विभिन्न आन्दोलना क पभाव तथा अवसान
B.A. Final year Second Paper	जदीद अस्नाफ़ नज़्म-नस , का तआरुफ़	आधुनिक साहित्य की विधाआ म उनकी कला, तकनीक एवं आलाचनात्मक अध्ययन

Manoranjan
Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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

Department of Sanskrit

2015-16

Class & Paper	Name of Paper	Objects
B.A. Ist year First Paper	काव्य, कथा-साहित्य एवं छन्द	काव्य-परम्परा, छन्दाच्चारण विधि, कथा-विधा परिज्ञान
B.A. Ist year Second Paper	नाटक, नाट्य शास्त्र एवं व्याकरण	नाट्याख्य पंचवद का परिचय एवं संस्कृत व्याकरण मं संज्ञा, कारकादि ज्ञान लाभ
B.A. IInd year First Paper	काव्य, स्मृति-शास्त्र तथा संस्कृत-साहित्य का इतिहास	प.म.खा स्मृति गथा का सामान्य परिचय एवं मनस्मृति का विशेष भाग का अध्ययन संस्कृति साहित्य की उदात्त परम्परा का ज्ञान
B.A. IInd year Second Paper	गद्य, व्याकरण, अलंकार तथा भारतीय संस्कृति	संस्कृत की उदात्त गद्य-शैली सहित अलंकार एवं संस्कृति का ज्ञान
B.A. Final year First Paper	नाटक तथा व्याकरण	रूपका का अतिसामान्य परिचय पंचक शाक, तल का विशिष्ट अध्ययन व्याकरण की सिद्धि प किय।
B.A. Final year Second Paper	वैदिक, उपनिषद्, भारतीय दर्शन, व्याकरण तथा निबन्ध	वैदिक साहित्य का परिचयात्मक अध्ययन भारतीय दार्शनिक पस्थाना का सामान्य परिचय एवं निबन्ध लेखन विधा परिज्ञान

Manoranjan
Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



MAHILA P.G. MAHAVIDYALAYA

Recognized as MODEL COLLEGE by Raj. Govt.

Kamla Nehru Nagar, Soorsagar Road, Jodhpur-342009

e-mail: info@invss.org • website: www.invss.org • 0291- 2759473 • Fax: 0291- 2759396

Department of Sangeet 2015-16

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 जानने के साथ गायन के पारिभाषिक आयामों का जानने का अवसर
B.A. Ist year Second Paper	कण्ठ संगीत, तकनीक और राग का सिद्धान्त	
B.A. IInd year First Paper	पारिभाषिक शब्द तथा व्याख्याएँ	शास्त्रीय संगीत की पारिभाषिक शब्दों के माध्यम से पारिभाषिक शब्दों के माध्यम से
B.A. IInd year Second Paper	कियात्मक पक्ष	श्रुति-स्वर-ताल-राग- ताल - बन्दिशा से परिचय होना।
B.A. Final year First Paper	रागशास्त्र एवम् हिन्दुस्तानी संगीत सिद्धान्त	भारतीय राग सिद्धान्त और पञ्चम राग- रागीनीयों के गायन का पभाव और उनसे होनेवाली राग निष्पत्ति का अनुभव होना।
B.A. Final year Second Paper	हिन्दुस्तानी संगीत का इतिहास	

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



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

Department of Hindi

2015-16

Class & Paper	Name of Paper	Objects
B.A. Ist year First Paper	हिन्दी कथा स हित्य	कहानी आर काय दर्ना म छात्रा की रु चि बढी
B.A. Ist year Second Paper	पचीन हिन्दी काय	
B.A. IInd year First Paper	हिन्दी नाटक, निबंध तथा स्फट गद्य विधाए	विभिन्न गद्य विधाआ क स थ स हित्य क इतिहास स भी छात्रा का
B.A. IInd year Second Paper	हिन्दी भाषा आर स हित्य का इतिहास	प रिचित कराना।
B.A. Final year First Paper	अवचीन हिन्दी काय	छात्रा क ज्ञान का विस्तार हुआ
B.A. Final year Second Paper	काय ग विवचन एव हिन्दी गद्य विधाआ का स्वरु प	
B.A. Ist year B.Sc. Ist year B.Com. Ist year	आधार पाठय कम सामान्य हिन्दी	तीना स काय क छात्रा का प तिय गी प रीक्षा की तयारी हेत, स हाय ता क स थ ही व्याकरण क नियम तथा गद्य विधाआ स प रिचय हाता है।
M.A. previous year	हिन्दी स हित्य का इतिहास	
M.A. Final Year	भाषा विज्ञान प य ज नमलक हिन्दी भक्तिकाल	काय लयी हिन्दी स प रिचित हुई छात्राए

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



MAHILA P.G. MAHAVIDYALAYA

Recognized as MODEL COLLEGE by Raj. Govt.

Kamla Nehru Nagar, Soorsagar Road, Jodhpur-342009

e-mail: info@jnvss.org • website: www.jnvss.org • 0291- 2759473 • Fax: 0291- 2759396

	नाटक	
--	------	--

Manoran
Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



MAHILA P.G. MAHAVIDYALAYA

Recognized as MODEL COLLEGE by Raj. Govt.

Kamla Nehru Nagar, Soorsagar Road, Jodhpur-342009

e-mail: info@jnvss.org • website: www.jnvss.org • 0291- 2759473 • Fax: 0291- 2759396

Department of Public Ad.

2015-16

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

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



MAHILA P.G. MAHAVIDYALAYA

Recognized as MODEL COLLEGE by Raj. Govt.

Kamla Nehru Nagar, Soorsagar Road, Jodhpur-342009

e-mail: info@jnvss.org • website: www.jnvss.org • 0291- 2759473 • Fax: 0291- 2759396

Department of Philosophy

2015-16

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	

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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

Department of Home Science

2015-16

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.

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



MAHILA P.G. MAHAVIDYALAYA

Recognized as MODEL COLLEGE by Raj. Govt.

Kamla Nehru Nagar, Soorsagar Road, Jodhpur-342009

e-mail: info@jnvss.org • website: www.jnvss.org • 0291- 2759473 • Fax: 0291- 2759396

Department of Economics

2015-16

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.
B.A. Final year Second Paper	Elementary maths and statistics	Analysis of statistical Data and Interpretation.

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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

Department of Geography

2015-16

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.
B.A. II nd year Third Paper	Practical Geo.	Knowledge about plane and Table survey, contours, maps and their types.

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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 • Fax: 0291- 2759473 • Fax: 0291- 2759396

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. Final year Third Paper	Practical Geo.	To give knowledge about the surveyed field with the help of prismatic compass, projection, profile, topographical sheets.

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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

M.A. Geography 2015-16

Class & Paper	Name of Paper	Objects
M.A. Pre.	Advanced Physical Geo.	Helps in knowing the physical features of earth, their origin climate, atmosphere, temperature and salinity of oceans features associated with it.
	Economic Geo.	It is associated with study of spatial distribution of economic activity, resources, how to conserve them, sustainable development etc.
	Geo. Thoughts	Gives knowledge about evolution of Geo. as a subject from ancient to modern era and philosophies like- Humanism, positivisms, behaviouralism, idealism.
	Geo. of Arid Lands	Associated with the factors of aridity, its Indus, desertification along with its causes and controlling measures.
	Practical Geo.	Gives information about topographical sheet, profiles, contours, projection and a

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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

		geographical tour.
M.A. final	Research Methodology	Helpful in understanding problems of research and how to indentify it, Hypothesis, Models used and report writing.
	Geography of India.	Gives knowledge about India's physiographic divisions along with its climate, population, minerals, soil etc.
	Geography of Tourism	Helps in understanding the growth of cities, economic significance of tourism, problems associated with it and organization involved in development of it.
	Urban Geo.	Gives knowledge about urban structural, hierarchy, land use pattern, urban morphology and theories.
	Cartography Practical	Information about the arrival photography, GIS, applications of remote sensing and socio economic survey.

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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

Department of Sociology

2015-16

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.

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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

M.A. Sociology

2015-16

Class & Paper	Name of Paper	Objects
M.A. Previous Year	Principal of Sociology	Basic knowledge about social structure and social theory.
	Research Methods	Knowledge about Research how can we use it in study of society.
	Classical Sociological Traditions	Know about different Sociological thoughts.
	Indian Sociology	Know about basic concepts of Hindu Social organization and about Development of weaker section.
M.A. Final Year	Theoretical, perspectives in Sociology.	About thoughts of the thinkers.
	Indian Sociology II	Knowledge of society and culture.
	Sociology of education	Importance of education on society.
	Medical Sociology	Medical awareness in Society.

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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 • Fax: 0291- 2759473 • Fax: 0291- 2759396

Department of English

2015-16

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

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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

Department of English (P.G.) 2015-16

Class & Paper	Name of Paper	Objects
M.A. prev.	Paper- I Principles of Literary appreciation	Students can interpret specific works of literature. They gain different ways of understanding and interpreting them.
	Paper- II English poetry from 1798 to the present	Students are introduced to major romantic poets. They are made aware of cultural, political and aesthetic milieu.
	Paper III- From Shakespeare to Restoration	Students learn to answer the questions by reading, discussing and writing about plays, their themes, conflicts and Characters.
	Paper IV- English poetry from Chaucer to 1797	Students learnt about social and romantic relationships, supremacy of God and religious attitude of the poets and society.
M.A. Final	Paper I- Modern Drama	Students acquired and develop dramaturgical skill. They learn to critically analyze works in dramatic literature & performing.
	Paper II American Literature	Students are able to Foster arts their ability to discuss literary, dramatic and historical concepts. They develop awareness of cultural history.
	Paper III- Fiction	Student gain about the social economic background, feminism, various writing styles and imagination of the novelists of era.
	Paper IV- Indian English literature	Students acquired the knowledge of the conditions of India, Poets love for nation and imagination.

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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

	Paper V- Post Colonial Literature in English	Students know how to address the problems and consequences of the decolonization of a country, related to the political and cultural independence.
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.

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



MAHILA P.G. MAHAVIDYALAYA

Recognized as MODEL COLLEGE by Raj. Govt.

Kamla Nehru Nagar, Soorsagar Road, Jodhpur-342009

e-mail: info@jnvss.org • website: www.jnvss.org • 0291- 2759473 • Fax: 0291- 2759396

Department of Political Science

2015-16

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 processes of politics in their environment. It seeks to analyse 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.

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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

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.

M.A. Political Science 2015-16		
M.A. previous year	Issue of Public Ad.	Meaning, Orgonation and details of administrative theories
M.A. Final Year	Group C	Local self government urban and rural Administration

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



2015-16	
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.
Programme 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 Regulatory Framework	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.
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	This course is benefited to acquaint the origin and functions of money and practical approach of banking system.



MAHILA P.G. MAHAVIDYALAYA

Recognized as MODEL COLLEGE by Raj. Govt.

Kamla Nehru Nagar, Soorsagar Road, Jodhpur-342009

e-mail: info@invss.org • website: www.invss.org • 0291- 2759473 • Fax: 0291- 2759396

System	
International trade and finance	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.
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 in 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.



2015-16

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 and Law	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 Law and Accounts	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.
Indirect Taxes-II	This course provides the knowledge of various indirect taxes
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.
Business Statistics	This course aims to enlighten the students on the statistical process, tools and techniques for solving practical problems.



MAHILA P.G. MAHAVIDYALAYA

Recognized as MODEL COLLEGE by Raj. Govt.

Kamla Nehru Nagar, Soorsagar Road, Jodhpur-342009

e-mail: info@invss.org • website: www.invss.org • 0291- 2759473 • Fax: 0291- 2759396

Decision Accounting and Quantitative Techniques	The aim of this course is to make students acquainted with the techniques of problem solving regarding the operations of the business.
Indirect Taxes-I	This course provides the knowledge of various indirect taxes ex. Excise duty, customs duty, VAT, etc. to students.
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.
Functional Management and Organisational Behaviour	This Subject provides them knowledge about all the management aspects like human resource, production, marketing and organisational behaviour.

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



MAHILA P.G. MAHAVIDYALAYA

Recognized as MODEL COLLEGE by Raj. Govt.

Kamla Nehru Nagar, Soorsagar Road, Jodhpur-342009

e-mail: info@invss.org • website: www.invss.org • 0291- 2759473 • Fax: 0291- 2759396

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.
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.



MAHILA P.G. MAHAVIDYALAYA

Recognized as MODEL COLLEGE by Raj. Govt.

Kamla Nehru Nagar, Soorsagar Road, Jodhpur-342009

e-mail: info@invss.org • website: www.invss.org • 0291- 2759473 • Fax: 0291- 2759396

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.
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	This paper aims to Conceptual grounding in computer usage as well as its practical business application will be provided.
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	To enhance the computer literacy and its applicability in business through latest version on e-commerce principles.
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.

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



MAHILA P.G. MAHAVIDYALAYA

Recognized as MODEL COLLEGE by Raj. Govt.

Kamla Nehru Nagar, Soorsagar Road, Jodhpur-342009

e-mail: info@invss.org • website: www.invss.org • 0291- 2759473 • Fax: 0291- 2759396

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	To enhance the computer literacy and its applicability in business through latest version on e-commerce principles.
Organisational Behaviours	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.
Human Resource Management	The aim of this course is to introduce students to the principles and practice of contemporary human resource management with a specific focus on the strategic role that it plays in helping organisations build and maintain competitive advantage.
International Trade	This International Trade course is designed to provide the learners, and those operating within International Trade, an opportunity to broaden their understanding of global trade issues, and to gain a clear understanding of the processes and practicalities of International Trade.

Manoranjan Upadhyaya
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



2015-16	
M. Com. (Business Administration)	
Programme Outcome	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.
Programme Specific Outcome	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.
Course	Outcomes
Strategic Management	To develop strategies for all type of business, Industry and to understand SWOT with reference to environment.
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.
Human Resource Management	The aim is to give the knowledge of basic principles of how organisation acquires people, rewards motivates and manage them effectively.



MAHILA P.G. MAHAVIDYALAYA

Recognized as MODEL COLLEGE by Raj. Govt.

Kamla Nehru Nagar, Soorsagar Road, Jodhpur-342009

e-mail: info@invss.org • website: www.invss.org • 0291- 2759473 • Fax: 0291- 2759396

Financial Management	This course is benefited to acquaint from the financial aspect of management for decision-making.
Fundamental of Management Research	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.
Marketing of Services	By completing this course, students will: Appreciate the challenges facing the services marketing in traditional commercial marketing, e-marketing and non commercial environments; appreciate the difference between marketing physical products and intangible services, including dealing with the extended services marketing mix, and the four unique traits of services marketing;
Organisational 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.
Retailing and Distribution Management	The student acquire special knowledge in the art of counter-selling, brand management, shopper's psychology, merchandising and its application on the retail sphere, as well as various facets of supply chain and visual merchandising.
Marketing Research and Consumer Behaviour	Understand the consumer behaviour and its role in the corporate world, Apply the knowledge about individual determinants, Analyze the external influences on consumer behaviour.

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



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

Department of Chemistry
2015-16

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 equilitorim.

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.
Physical chemistry	CH - 303	Different types of spectroscopy, photochemical process, solid state and adsorption p



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

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 chromatograpgyte

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.

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



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

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 techques 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.

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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

Department of Physics

2015-16

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

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



MAHILA P.G. MAHAVIDYALAYA

Recognized as MODEL COLLEGE by Raj. Govt.

Kamla Nehru Nagar, Soorsagar Road, Jodhpur-342009

e-mail: info@jnvss.org • website: www.jnvss.org • 0291- 2759473 • Fax: 0291- 2759396

			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

Manoranjan Upadhyay
PRINCIPAL

**MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR**



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

Department of Mathematics

2015-16

Class : 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

Manoranjan Upadhyay
PRINCIPAL

**MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR**



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

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.

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.



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

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
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 Laggure ,hermit, miline transform
5	Analytical Dynamics and Numerical Analysis-II	Math – 205	Solution of Partial Equation by numerical Analysis .

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



Class Name M.Sc. Final 3 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- Curvastro 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
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 viscosity is. Calculate flow and resistance with Poiseuille's law



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

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 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

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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

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.
---	------------	------------	--

Manoranjan Upadhyay
PRINCIPAL

**MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR**



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

**Department of Zoology
2015-16**

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 OF 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 AND FUNCTIONS	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.

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



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

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.

Manoranjan Upadhyay
PRINCIPAL

**MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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

Department of Botany

2015-16

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

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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

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	

		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	

Manoranjan Upadhyay
PRINCIPAL

**MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR**



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

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	

Manoranjan Upadhyay
PRINCIPAL

**MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR**



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

Department of Biotechnology

2015-16

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

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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

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
------------------------------------	-----------	--

Manoranjan Upadhyay
PRINCIPAL

**MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR**



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

		explained in the paper.
PRACTICALS		DNA extraction procedure for plants, Immuno-diagnostic techniques, Spectrophotometry, Study of Blood cell, type and basics.
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
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.

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



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

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		

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
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

BT-201	PRINCIPLES OF BIOCHEMISTRY	Students gain knowledge on basics of Biochemistry- functioning of biomolecules; kinetics and actions.
---------------	---------------------------------------	---

Manoranjan Upadhyay
PRINCIPAL

**MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR**



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

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

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



MAHILA P.G. MAHAVIDYALAYA
Recognized as MODEL COLLEGE by Raj. Govt.
Kamla Nehru Nagar, Soorsagar Road, Jodhpur-342009
e-mail: info@jnvss.org • website: www.jnvss.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
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



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

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

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR



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

Department of Computer Science

2015-16

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-204	Computer system architecture	Learns Microprocessor architecture and 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

Manoranjan Upadhyay
PRINCIPAL

**MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR**



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

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

Manoranjan Upadhyay
PRINCIPAL
MAHILA MAHAVIDYALAYA
KAMLA NEHRU NAGAR
SOORSAGAR ROAD, JODHPUR