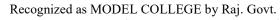


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# **Department of Urdu**

## 2015-16

Class & Paper	Name of Paper	Objects
B.A. Ist year	नस अर बमा	उद् गद्य अर नाट्य
First Paper	ારા તાર બુગા	_ ' '
1 HSt 1 apol		कला का स्वमव एवविश
		लाण स खा
B.A. Ist year	शाइरी आर कवाइद	गजल अर जज्म क
Second Paper		भाषाइ स स्कारा क स
		स्व काय – व्य
		करण
D A Hadroon		· · · ·
B.A. IInd year	नस , नज्म आर तन्कीदी	गद्य एवं पद्य की
First Paper	तज्जिय⊺	विविध विधाओं का इति हास
		एवं
		तकनीकि जानकारी
		सहित ज्ञान
B.A. IInd year Second	तज मा, मज मन आर	उद भाषा एवं साहित्य
Paper	तारीख अदब	क उद्भव का ज्ञान
		एव उत्तरातर विकास
		का बाध
B.A. Final year	उद अदब की तारीखा	उद साहित्य का
First Paper	का– तआरू फ	कमवार परिचय एव
		विकास विभिन
		अन्दालना क प्रभव तथ
		अवसान
B.A. Final year	जदीद अस्नाफ नज्म-नस	आधनिक साहित्य की
Second Paper	का तआरूष	विधाओं में उनकी कला,
		तकनीक एवं
		आलाचनामक
		अध्ययन



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# **Department of Sanskrit**

## 2015-16

Class & Paper	Name of Paper	Objects
B.A. Ist year	काय, कथ-साहित्य एव	काय-परम्परा,
First Paper	छन्द	छन्दांच्चारण विधि, कथा-विधा
		परिज्ञान
B.A. Ist year	नाटक, नाटय शास्त्र एव	नाटयाख्य पचवद
Second Paper	त्याकरण	का परिचय एव
		संस्कृत व्याकरण म
		संज्ञा, कारकादि ज्ञान लाग
B.A. IInd year First	काय, स्मृति-शास्त्र तथ	प मखा स्मति गथ
Paper	संस्कृत-साहित्य का	का सामान्य परिचय
	इतिहास	एव मनस्मति का विशष
		<b>गग का अध्ययन सस्कति</b>
		साहितत्य की उदात
		परम्परा का ज्ञान
B.A. IInd year Second	गद्य, व्याकरण, अलंकार	संस्कृत की उदात
Paper	तथ गरतीय स स्कृति	गद्य – शली सहित
		अलकारा एव सस्कृति का
		ज्ञान
B.A. Final year	नाटक तथा व्याकरण	रूपको का अति सामान्य
First Paper		परिचय प्रविक शाक तल
		का विशिष्ट 'अध्ययन
		त्याकरण की सिद्धि प
		किय ⊺
B.A. Final year	वद, उप निषद, भरतीय	वदिक साहित्य का
Second Paper	दशन, व्याकरण	परिचयामक अध्ययन
	तथा निबन्ध	गरतीय दाशनिक पस्थाना
		का सामाय परिचय एव
		निबन्ध ल खन विधा परिज्ञान

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## **Department of Sangeet 2015-16**

Class & Paper	Name of Paper	Objects
B.A. Ist year	गरतीय संगीत का	छात्राओं का संगीत
First Paper	इतिहास आर सामान्य	की सामान्य
		जानकारी इतिहास
B.A. Ist year	कण्ठ सगीत, तकनीक	क मध्य म सजानन
Second Paper	अरि राग का सिद्धान	क साथ गायन क
1	जार रागा का रिक्किस	पारमिक आयामाका
		जाननं का अवस र
B.A. IInd year	प रिभाषिक शब्द तथा	शास्त्रीय संगीत की
First Paper	त्या <u>ख</u> ्याए	प ।र मिक
		पारिभाषिक श
B.A. IInd year	कियामक पक्ष	ब्दावलियां क साथ
Second Paper	ापभ्यानपर प दा	श्रति–स्वर–शत–राग–
Second Tuper		ताल – बन्दिश स
		परिचय होना।
B.A. Final year	रागशास्त्र एवम्	भरतीय राग सिद्वान्त
First Paper	हिन्दस्तानी संगीत सिद्धान्त	अरि पाचीन राग-
		रागीनीय कि गायन
B.A. Final year	हिन्दस्तानी सगीत का	काप भव आर उनस
Second Paper	इतिहास	हानवाली रा निष्प ति
	Augu	का अन्भव होना।

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# **Department of Hindi**

## 2015-16

Class & Paper	Name of Paper	Objects
B.A. Ist year	हिन्दी कथा साहित्य	कहानी आर काव्य दाना
First Paper		म छात्राओं की रू चि बढी
B.A. Ist year	प न्वीन हिन्दी काव्य	
Second		
Paper		
B.A. IInd	हिन्दी नाटक, निबंध तथा	विभिन गद्य विधाओं क
year First	स्फट गद्य विधाए	साथ साहित्य क
Paper		इतिहास सं 🕸 छात्राओं
B.A. IInd	हिन्दी भाषा आर साहित्य	क
year Second	का इतिहास	प रिचित कराना।
Paper		
B.A. Final year	अवाचीन हिन्दी काव्य	छात्राओं के ज्ञान का
First Paper		विस्तार हुआ
B.A. Final	कायाग विवचन एव	- ITACITY goil
year Second	हिन्दी गद्य विधाओं का स्वरू	
Paper	Ч	
B.A. Ist year	आधार पाउय कम सामान्य	तीन संकाय के छात्राओं
B.Sc. Ist year	हिन्दी	का पतियागी परीक्षाओ
B.Com. Ist		की तथारी हेत् सहाय ता
year		क
		साथ ही व्याकरण क
		नियम तथ गद्य विधाआ
		स परिचय हाता है।
M.A. previous year	हिन्दी साहित्य का	
	इतिहास	
M.A. Final Year	भाषा विज्ञान	काय लयी हिन्दी स
	पाय जिनमलक हिन्दी	प रिचित हुई छात्राए
	<b>ग</b> न्ति काल	, ,



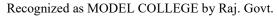


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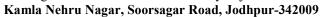
# Department of Public Ad.

## 2015-16

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





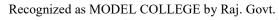


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# **Department of Philosophy**

## 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
B.A. IInd year Second Paper	Socio Political Philosophy	teaches practical use of Philosophy.
B.A. Final year First Paper	Problem of Philosophy	Logic Enhances logic capability of
B.A. Final year Second Paper	Logic	students logic is construct good arguments, that is useful in just about every field as well as in everyday life



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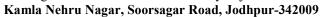
# **Department of Home Science**

## 2015-16

Class & Paper Name of Paper		Objects
B.A. Ist year First Paper	·	
B.A. Ist year	Mother Craft and Home	Teaches Genital
Second Paper	Nursing	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.







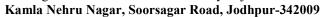
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# **Department of Economics**

## 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
B.A. Ist year Second Paper	Economic Theory I	study of Economic concepts.
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
B.A. Final year Second Paper	Elementary maths and statistics	Interpretation.

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# **Department of Geography**

## 2015-16

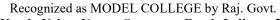
Class & Paper	Name of Paper	Objects
B.A. Ist year First Paper	Physical Geo.	Important in knowing about the physical features of Earth, factors that create and destroy them, about atmosphere and climate along with its components and about oceans.
B.A. Ist year Second Paper	Geo. of Indian	Gives knowledge 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 <sup>nd</sup> 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 <sup>nd</sup> year Second Paper	Rajasthan Geo	To Know about the physiographic of Rajasthan, along with its soil, vegetation, resources and economy.
B.A. II <sup>nd</sup> year Third Paper	Practical Geo.	Knowledge about plane and Table survey, contours, maps and their types.

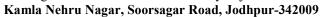
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=			
	B.A. Final year First Paper	Economic Geo.	To seek knowledge of spatial distribution of economic activity and resources around world with their importance.
	B.A. Final year Second Paper	Environment Geo.	To know about our surrounding and the interaction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





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## M.A. Geography 2015-16

Class &	Name of Paper	Objects
Paper		
M.A.	Advanced Physical	Helps in knowing the physical features of
Pre.	Geo.	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



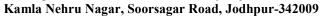
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		geographical tour.	
M.A.	Research	Helpful in understanding problems of	
final	Methodology	research and how to indentify it,	
		Hypothesis, Models used and report	
		writing.	
	Geography of India.	Gives knowledge about India's	
		physiographic divisions along with its	
		climate, population, minerals, soil etc.	
	Geography of	Helps in understanding the growth of cities,	
	Tourism	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	Information about the arrival photography,	
	Practical	GIS, applications of remote sensing and	
		socio economic survey.	



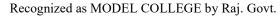


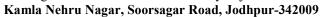
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## Department of Sociology

## 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.



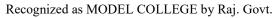


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## M.A. Sociology 2015-16

2013-10		
Class &	Name of Paper	Objects
Paper		
M.A.	Principal of	Basic knowledge about social
Previous	Sociology	structure and social theory.
Year		
	Research Methods	Knowledge about Research how
		can we use it in study of society.
	Classical	Know about different Sociological
	Sociological	thoughts.
	Traditions	
	Indian Sociology	Know about basic concepts of
		Hindu Social organization and
		about Development of weaker
		section.
M.A. Final	Theoretical,	About thoughts of the thinkers.
Year	perspectives in	
	Sociology.	
	Indian Sociology	Knowledge of society and culture.
	II	
	Sociology of	Importance of education on society.
	education	
	Medical Sociology	Medical awareness in Society.





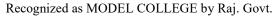


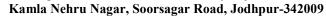
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# **Department of English**

## 2015-16

Class &	Name of	Objects
Paper	Paper	
B.Sc. I	Foundation Course:	By learning grammar students are able to construct a frame the sentences
B.A. I	general English	effectively. It would be helpful in their practical conversation as well as group discussion etc.
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.





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

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

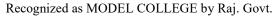
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Paper V- Post	Students know how to address the
Colonial	problems and consequences of the
Literature in	decolonization of a country, related to
English	the political and cultural independence.

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.





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# **Department of Political Science**

## 2015-16

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

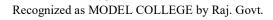
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	B.A. III	Paper I	The study of international relations	
		International	is interdisciplinary in nature,	
		Relations	blending the fields of economics,	
			history and political sci. to e topics	
			such as human rights, global	
			poverty, the environment,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

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



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.		



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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.

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### 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 incometax.	
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.	



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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.

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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.  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.		
Programme Specific Outcome			
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.		



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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 fundaments, 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 in 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 fundaments, 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.



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Financial Management	This course in 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.	



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2015-16			
M. Com. (Busines	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.		

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Financial Management	This course in 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.



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

Class: B.Sc. IInd Year

Paper Name	Paper Code	Objects
Inorganic	CH - 301	Hard and soft acids, bioinorganic
Chemistry		metallurgy concept.
Organic	CH - 302	NMR spectroscopy, Str, properties
Chemistry		and chemical Rx <sup>n</sup> of Heterocyclic. Compounds and
		synthetic polymer.
Physical	CH - 303	Different types of spectroscopy,
chemistry		photochemical process, solid state and adsorption p





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

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

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

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

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

Paper Name	Paper Code	Objects
Group Theory And Inorganic Spectroscopy	СН - 301	Symmetry operations, point group. ESR, NMR and vibration spechoscopy.
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 Nanometerals	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.

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## **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

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			Schr odinger 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**

### 2015-16

## Class: B.Sc. Part III MATHEMATICS

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

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# 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 – 2	01	Extension of theorems on	
				algebra and there applications		
2	Measure Theory and Integration		Math – 2	02	Some theorems on measure and	
				there application on intrgral		
3	Hydrodynamics Mat		h – 203	the	branch of science	
				concerned with forces acting on or		
				exe	rted by fluids (especially liquids).	
4	Classical Polynomials and Integral	Mat	h – 204	Son	ne basic Idea of Laggure	
	Transforms				,hermit, miline transform	
5	Analytical Dynamics and	Mat	Math – 205		ution of Partial Equation by	
	Numerical Analysis-II			numerical Analysis .		





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### Class Name M.Sc. Finall3 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 <b>complex</b> variableThe notion of the Riemann sheet is presented to help student visualize multivalued <b>complex</b> functions. <b>Complex</b> integration and <b>complex</b> 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
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 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



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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** 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.

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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 aboutdifferent 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**

# 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





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6	M.sc.IIsem	Plant Resources, Utilization and conservation	ВОТ203	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
8	M.sc.IVsem	Microbial Ecology-	BOT	the extreme environment

		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	



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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	BOT10 3	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	7
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**

### 2015-16

	B.Sc. FIRST YE	AR
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 PRACTICALS	PAPER-III	Students learn about microbial diversity, metabolism and genetics along with basics of Bioinformatics.  Basic Biochemistry through protein and sugar and lipid estimation and chromatography. Staining techniques and Microbial culture.
	B.Sc. SECOND Y	EAR
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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technology and its application is also
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		explained in the paper.
PRACTICALS		DNA extraction procedure for plants, Immuno-diagnostic techniques, Spectrophotometry, Study of Blood cell, type and basics.
	B.Sc. FINAL YE	AR
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.



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# <u>DEPARTMENT OF BIOTECHNOLOGY COURSE OUTCOME- UNDERGRDAUTE PROGRAMME</u>

M.Sc. PREVIOUS			
	SEMESTER-I		
PAPER CODE	PAPER NAME	OBJECTIVE OF	
		PAPER/STUDENT GAIN	
BT-101	PRINCIPLES OF	Students learn about the basics of	
	MICROBIOLOGY	Microbial Cell structure, function,	
		classification.	
BT-102	CELL AND	Students gain knowledge regarding the	
	DEVELOPMENTAL BIOLOGY	developmental processes in animal and	
	BIOLOGY	plant cells, the metabolic activities in the cell	
BT-103	FUNDAMENTALS OF	Students learn about the basics of	
	IMMUNOLOGY	Immunology, Antibody-antigen interactions, conditions related to	
		immune responses, Auto-immune	
		disease and Immune techniques.	
BT-104	BASIC MOLECULAR	Students learn about the central dogma, the	
	BIOLOGY	molecular biology of replication, transcription and translation. Biology of	
		oncogenes	
		and tumor suppressor genes.	
	DD 4 CTUCA I		
BT-105	PRACTICAL EXAMINATION I	Basic Biochemistry through protein and sugar and chromatography.	
	COVERING FIRST TWO	Staining techniques and Microbial	
	THEORY PAPERS	culture.	
DT 106	PRACTICAL		
BT-106	EXAMINATION II	Basic Immuno-techniques, Isolation of DNA, practical related to Immunology,	
	COVERING SECOND TWO	Molecular Biology	
	THEORY PAPERS	67	
		D II	
SEMESTER-II			



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



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# <u>DEPARTMENT OF BIOTECHNOLOGY</u> <u>COURSE OUTCOME- POST-GRADUATE PROGRAM</u>

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.		



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	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		



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



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# **Department of Computer Science**

### 2015-16

#### **BCA II YEAR**

CODE		SUBJECT		DESCRIPTION	
THEORY					
BCA-	Opera	ating system	Knov	vledge about various computer	
201			opera	ting systems	
BCA-	Data	structures and	Know	ledge about various data structures	
202	algori	thms	in cor	nputer architecture	
BCA- 203	Progra	amming with C++	Devel	ops skill in C++ Programming	
BCA-	Comp	outer system	Learn	s Microprocessor architecture and	
204		architecture		microprocessor programming	
BCA-		DBMS		Learns basic database management	
205				system through different softwares	
BCA-		Visual Programming		Learn web and windows application	
206				development related syntax, code and read about	
				basic objects and controls	
			PRAG	CTICAL	
BCA- 20	BCA- 207 Visual Basic .NET Lab		Learn implementation of code and syntax for web and windows application	•	
		development			
BCA-		Oracle SQL Lab		Study of implementation of database	
208				management softwares	
BCA-	A- Programming C++ Lab		Study and implementation of C++		
209	209		programming		
BCA-		8085 Microprocessor		Study and implementation of	
210		Lab		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-	System analysis &	Study about various phases of Project			
305	Design	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