## 2.6.1. Program and course outcomes for all programmes offered by Institution

## Program Name:-BA(Bachelor of Arts)

Outcome

Outcome	
BA(English)	Students are taught English as second language with an objective to hone their basic linguistic skills-listening, speaking, reading, and writing along with communication skills in such a way that they are groomed to be cultured, informed and insightful citizens. By pursuing English as a subject multiple spheres are open for them as they can make their career in media and journalism, teaching, publication, editing and any field related to development of soft skill.
BA(Punjabi)	Students are able to learn and understand about Mother Language, Cultural Process, Instill, Ethical and human values of life. Students learn personal, social, natural feeling, emotions, historical knowledge and over view of Punjabi literature.
BA(Hindi)	Students are able to learn and understand about National Language, Cultural Process, Instill, Ethical and Human Values of Life. Students learn personal, social, natural feeling, emotions, historical knowledge and over view of Hindi literature. Students are able to take position in career in communication media, teaching, anchoring, creative writing, cultural experts, translators, acting and lyrics writer. Students can work anywhere in India, as they know Hindi – our National Language.
BA(MusicVocal)	The objective of Music is to strengthen the mental and spiritual aspects of students to engrave in them the human qualities and sense of responsibility. Music has much scope in entertainment industry of today and advance era. It has vast scope in singing profession, and also it has inseparable role in Indian cultural and ethical values. Many career options such as music arranger, composer, instrument player,

	teaching, music therapist are available
BA(History) BA(Physical Education)	<ul> <li>History is the branch of knowledge dealing with past events. It is a continuous, systematic narrative of past events as relating to a particular people, country, period, person etc. Historyprovidesasenseofcontextforourlivesando urexistence. Thepastcauses the present and so the future. These specializations will help you decide which career path to take. History graduate go onto pursue careers in Research and Heritage, Government Organization, Museum, Curator, Archaeology, Historian, Education, Teacher, Lecture ship as well as even marketing, advertising, public relations and journalism. Park Rangers, Museum Archivist, Librarian, writer or editor, Lawyer, Archaeologists, philosophers and politicians are other career options available to History students.</li> <li>The learning outcomes of course for students are to acquire in depth knowledge regarding sports human body, and injuries etc. The main objective of course (Physical Education) is physical activity that can have an impact on cognitive skills and attitude and academic behaviour, all of which are important component of improved academic performance. Physical Education explicitly teaches the necessary knowledge and skills for working with the relating to others and provides the learning opportunities to develop these skills. It enables the development of leadership and teamwork skills and encourages students to transfer knowledge to other learning areas.</li> </ul>
BA(Economics)	The scope of the subject is significant at both national and international level because the ever increasing role of economics is being understood by nations and organizations. There is extensive demand for economic researchers, analyst, consultants and strategists who are well trained to understand the changing economic trends. Banking, industrial sectors, taxation, finance and several other areas

	require basic to advance knowledge of
BA/B.Sc.(Mathematics)	<ul> <li>require basic to advance knowledge of economics. There are both public and private sector jobs available in abundance. Indian economic service is one of the most aspired bureaucratic jobs. Thus, in order to establish a shining career with great economic growth economic can serve as the right career option.</li> <li>The objective of Mathematics is to expand the ability and clarify the mind in order to enhance the overall development of individual.</li> </ul>
BA(Office Management)	<ul> <li>Understanding and defining the crucial role of an office manager.</li> <li>Identify the keys of robust and effective organisation.</li> <li>Understanding the role of budgets in office management.</li> <li>Acquire skills to manage difficult people, situations and stress in a calm and effective manner.</li> <li>Identify skills and competencies of an office manager.</li> <li>Develop processes for office operations.</li> <li>Identify components of office management role and procedures and team dynamics.</li> <li>Communicate findings using business software applications (MS office: Word, Excel and PowerPoint)</li> </ul>
BA(Political Science)	Student will be in a better position to comprehend the Indian as well as world political system. The students will have thorough knowledge of the major ideologies prevailing in the world i.e. Liberalism, new liberalism, Marxism etc. Student gets knowledge about the constitution of India which really helps all the students who want to pursue their career in law. Apart from this civil services, teaching, job in NGO, judicial services etc. are other options in which one can pursue his career.
BA/B.Sc.(Computer Science)	Students get awareness about the basic concepts of the Office Automation and Data Processing. Students learn about the Basic Concepts of Procedure Oriented Programming

	and Object Oriented Programming. Students learn about the Database Management System using SQL. Students become aware of Web Technologies which includes E-Commerce and Designing and Programming Web Applications.
BA(Sociology)/MA(Sociology	Sociology is a good subject for undergraduate and post graduate students. A degree in this subject equips them to understand society, human behaviour, their relationships, culture etc. With that knowledge candidates may become suitable for wide variety of subjects like social worker, analyst, public relations specialist, social and community manager, substance abuse counselor, behavioral disorder counselor, child and youth welfare, child welfare officer, teacher, professor, employment counselor etc. In post graduation the students have hand to hand experience of conducting research. A small field work/project is handled by them due to which they grab there search experience which help them in M. Phil &Ph.D.

# **Program Name:-Bachelor of Computer Science Outcome**

Fundamental so Mathematical Statistics	The objective of course is to teach the students	
	Basic Techniques of Statistics Methods.	
Computer Fundamentals and Computing	The objective of this course is to introduce	
Software:	complete fundamentals and the packages	
	commonly used in computing software.	
Problem Solving Through C	The objective of this course is to make the	
	students understand programming language	
	concepts, which includes control structures,	
	reading a set of data, stepwise refinement,	
	function and arrays	

Computer Organization	This course enables the student to understand	
	the basic organization of computer system and	
	system maintenance	
	system mantenance	
	Students get awareness about Web Application	
Fundamentals of Web Programming	Development using HTML, DHTML, CSS,	
	JavaScript and Dreamweaver	
	1	
	This course increases the knowledge of students	
<b>Object Oriented Programming using C++</b>	about Object Oriented Programming	
	Techniques using C++.	
Information System Design and	The objective of this course is, to aware the	
Implementation	students about the various aspects of	
	Information Systems developed their analysis	
	and design. The motive is to aware the learners	
	about pre requisite of software development	
	and associated paradigms	
Computer Oriented Numerical Methods	Students are able to understand the essential	
	techniques of Numerical Methods. Students	
	will be able to solve various Scientific and	
	Engineering field's problems	
Data Structures	Students will go through the various data	
	structures and the basic operations performed	
	on various Data Structures. At the end of	
	course the student will have complete	
	knowledge of data structures, so students will	
	be able to use them for solving real world	
	problems	
Software Project Managements Onereting	At the end of the course the student will be able	
Software Project Management: Operating		
	to apply software project management	
	techniques to manage a software project.	
System Concept sand Linux	Students learn the advance concepts of	
	Operating system and this course improves the	
	skills of students in operating systems concepts	
	using Linux commands.	
	using Emux commands.	

Database Management System	Students are able to understand concepts of database management system and implement them using SQL (Structured Query Language).
Computer Networks:	The aim of the course is to provide valuab information about computer network ar related hardware and software using a layere architecture. It also makes students understar the concepts of network security, wireless ar various emerging network technologies in th market
Discrete Mathematical Structure	: Students will learn and obtain the knowledg of Logic, Relations and Functions and Algebr Functions and Graph Theory.
Java Programming:	Additionally, this course will to provide all the knowledge of programming in JAVA and its Concepts to develop various applications.
Web Application Development using PHP:	Furthermore, students will study we programming using PHP and MySQL. As result, they would be able to develop websites And other web based applications.
E-Commerce	The aim of this course is to provide information about the working of electronic commerce and familiarizes students with the technology involved in it.
Application Development using VB.Net	:The students would be able to develo applications using event driven programmin with VB. net(as frontend)and accessing Data base at back
Computer Graphics and Multimedia Applications	At last, trainees' are introduced to bas computer graphics concepts and algorithms ar they will also learn about how to develo multimedia applications.

Physics	Astronomy is a combination of Physics, Chemistry and Mathematical principles/rules. It deals with detailed study of the physical, chemical and dynamic properties of celestial objects. It also deals with the phenomena over and above earth's atmosphere. There is associated study of calculations of orbits, gravitational forces, satellites, meteors, galaxies comets, stars, planetary objects, planets, satellites etc. In Astrophysics, students come to explore and ensure properties/nature of the astronomical objects with the help of laws of physics. Principles of mechanise and energy to design machines and devices right from automobiles trucks and airplanes to trains
	tractors, fax machines etc are taught. The students go for atmospheric studies to know and predict weather and climate. It is the examination of the atmospheric and climate conditions affecting the earth and its population.
Chemistry	<b>Inorganic Chemistry</b> : Objective of the course is to teach the fundamental concepts of chemistry and their application. According to the syllabus due importance is given to requisite intellectual and laboratory skills.
	<b>Organic Chemistry</b> : Introduces functional groups, nomenclature structure and chemistry of alkanes, alkenes and alkynes, conjugation in alkenes, concerted reactions (Diel-Alder Reaction), IR Spectroscopy, stereochemistry reaction mechanisms and special topics as time And interest permit.

### Program Name:-B.Sc.(Non Medical) Outcome

Physical Chemistry: In physical chemistry,
physics and math are combined to understand and describe atoms and molecules, getting to
the theoretical basis for thermodynamics,
kinetics, electron configurations and even the
Phases of matter

Program Name:- B.Com (Bachelor of Commerce)

Course code	Course Title	Course Outcome
BCM101A+201A	PUNJABI	
BCM101B+201B	HISTORY AND CULTURE	To introduce the history of
	OF PUNJAB	Punjab region.
BCM102+202	ENGLISH AND BUSINESS	To provide knowledge about
	COMMUNICATION SKILLS	writing and communicating
		Skills used in business.
BCM103	PSYCHOLOGY FOR	To provide broad
	MANAGERS	understanding about basic
		concepts and techniques of
		Human behavior.
BCM104	BUSINESS ECONOMICS I	To understand the application
		Of economic principles in
		business management.
BCM105	FINANCIAL ACCOUNTING	To acquire conceptual
		knowledge of financial
		accounting to record business
		transactions.
BCM106	COMMERCIAL LAWS	To provide knowledge about
		Commercial laws.
BCM107	PRINCIPLES AND	To under stand the process of
	PRACTICES OF	Business management and it's
	MANAGEMENT	functions.
BCM203	E-COMMERCE	To understand the
		applicability of IT tools and
		techniques in business
		transactions.
BCM204	BUSINESS ECONOMICS II	To provide knowledge about
		concepts of distribution and
		modern tools of macro-

		Economic analysis.
BCM205	CORPORATE	To provide knowledge about
	ACCOUNTING	basics of corporate accounting
		with relevance of accounting
		standards.
BCM206	BUSINESS LAWS	To acquire the knowledge
		About business laws.
BCM207	HUMAN RESOURCE	To familiarize with the
	MANAGEMENT	different aspects of managing
		human resource in the
		organization.
BCM301	ISSUES IN INDIAN	To acquire basic knowledge of
	COMMERCE	different issues faced in
		progress and process of
		Commerce in India.
BCM302	COST ACCOUNTING	To acquire conceptual
		knowledge of cost accounting
		And elements of cost.
BCM303	COMPANY LAW	To understand the various
		provisions of Companies Act
		2013.
BCM304	BUSINESS MATHEMATICS	To understand the
	AND STATISTICS	Mathematical and statistical
		tools in business decisions.
BCM305	BANKING AND	To provide knowledge about
	INSURANCE	indian banking and insurance
		industry.
BCM306	GOODS AND SERVICES	To understand the basics of
	TAX	GST.
BCM401	SECURITY ANALYSIS	To provide comprehensive
	AND PORTFOLIO	knowledge about security
	MANAGEMENT	analysis and portfolio
		management while taking
		Investment decisions.
BCM402	ADVANCED	To provide knowledge about
	ACCOUNTING	advanced accounting problems
		with the relevant Indian
		Accounting Standards.
BCM403	AUDITING AND	To understand the concept and
BCM306 BCM401 BCM402	INSURANCE GOODS AND SERVICES TAX SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT ADVANCED ACCOUNTING	<ul> <li>indian banking and insurance industry.</li> <li>To understand the basics of GST.</li> <li>To provide comprehensive knowledge about security analysis and portfolio management while taking Investment decisions.</li> <li>To provide knowledge about advanced accounting proble with the relevant Indian Accounting Standards.</li> </ul>

	SECRETARIAL	Issues in Auditing and
	PRACTICES	Secretarial practice.
BCM404	COST MANAGEMENT	To provide knowledge about
		various methods of cost
		determination and tools and
		Techniques of cost control.
BCM405	MARKETING	To understand basic concepts,
	MANAGEMENT	philosophies, process and
		Techniques of marketing.
BCM406	QUANTITATIVE	To provide knowledge about
	TECHNIQUES AND	various quantitative
	METHODS	techniques and methods used
		In managerial decisions.
BCM501	INCOME TAX LAWS	To impart basic knowledge of
		the provisions of Income Tax
		Laws in India.
BCM502	MANAGEMENT	To study the concepts of
	ACCOUNTING	Management Accounting.
BCM503	INDIAN ECONOMY	To study about economy of
		India.
BCM504	PRODUCTION AND	To understand the concepts of
	OPERATIONS	production and operations
	MANAGEMENT	management of an industrial
		undertaking.
BCM505	ENTREPRENEURSHIP AND	To study about use
	SMALL BUSINESS	entrepreneurial skills in
		economic development.
BCM506	FINANCIAL MARKETS	To familiarize traditional and
	AND SERVICES	modern financial markets and
		services.
BCM601	DIRECT TAX LAWS	To provide knowledge about
		provisions of Income Tax laws
		In India.
BCM602	FINANCIAL	To provide knowledge about
	MANAGEMENT	principles and practices of
		Financial Management.
BCM603	ISSUES IN FINANCIAL	To study about developments
	REPORTING	and reporting issues at the
		National and international

		level.
BCM604	SOCIAL AND BUSINESS	To educate about the use of
	ETHICS	ethics in business and
		contributes in the achievement
		Of corporate excellence.
BCM605	OPERATIONAL	To understand the concept and
	RESEARCH	techniques of Operations
		Research for taking Business
		Decisions.
BCM606	SECTORAL ASPECTS OF	To provide in sight into the
	INDIAN ECONOMY	various Sectoral aspects of
		Indian Economy.

#### Programme-BACHELOROFBUSINESSADMINISTRATION

Course code	CourseTitle	Course Outcome
BBA101A+121A BBA101B+121B	PUNJABI HISTORY AND CULTURE OF	To study vocabulary words, stories and lessons.
	PUNJAB	To introduce history of Punjab region.
BBA102	ORGANIZATION BEHAVIOUR	To understand basic concepts and techniques related to the study of human behavior.
BBA103	FUNDAMENTALS OF IT	To provide fundamental knowledge about IT
BBA104	MANAGEMENT CONCEPTS AND PRACTICES	To understand the process of business management.
BBA105	FINANCIAL ACCOUNTING	To familiarize with accounting principles and techniques of recording accounting information.
BBA106	BUSINESS ECONOMICS I	To study the basic concepts of micro and macroeconomics for business decisions.
BBA122	BUSINESS STATISTICS	To impart with basic knowledge of statistics.

BBA123	BUSINESS ECONOMICS II	To study the modern tools of macro-economic analysis.
BBA124	LEGAL ASPECTS OF BUSINESS	To provide basic knowledge of the important business laws.
BBA125	PERSONALITY DEVELOPMENT AND PROFESSIONAL SKILLS	This course deals with personality development, creativity skills and ethics in business.
BBA126	MANAGERIAL ACCOUNTING	To acquaint students with concepts of cost and management accounting.
BBA201	ENGLISH AND BUSINESS COMMUNICATION SKILLS	To study about business communication skills.
BBA202	OPERATIONS RESEARCH	To understand the concepts of operations research.
BBA203	MARKETING MANAGEMENT	To understand the concept, philosophies, process and techniques of marketing.
BBA204	ECONOMICS OF MONEY AND BANKING	To understand the concepts of economics of money and banking.
BBA205	LEGAL FRAMEWORK FOR COMPANIES	To study the provisions of Companies Act.
BBA206	TAX LAWS I	To impart basic knowledge of the provisions of direct tax laws in India.
BBA221	ENGLISH AND BUSINESS COMMUNICATION SKILLS	To provide knowledge about communication skills and English language.
BBA222	FINANCIAL MANAGEMENT	To familiarize with principles and practices of financial management.
BBA223	RESEARCH METHODOLOGY	To provide knowledge about fundamentals of business research.

BBA224	HUMAN RESOURCE MANAGEMENT	To study different aspects of managing human resources.
BBA225	TAX LAWS II	To acquire the knowledge about tax laws.
BBA226	FUNDAMENTALS OF ELECTRONIC COMMERCE	To provide knowledge Electronic commerce.
BBA301	INSURANCE AND RISK MANAGEMENT .	To familiarize with principles and practices followed in insurance sector.
BBA302	INTERNATIONAL BUSINESS	To study concepts, importance and dynamics of international business.
BBA303	BUSINESS ENVIRONMENT	To study the environment in which business operates.
BBA304	ENTREPRENEURSHIP	To help the learners to understand the qualities of successful entrepreneurs.
BBA305	CONSUMER BEHAVIOR	To understand the process of consumer behavior.
BBA306	SALES AND DISTRIBUTION MANAGEMENT	To understand the concepts which are helpful for developing sound sales and distribution policy.
BBA321	BUSINESS POLICY AND STRATEGY	To give an insight into strategic planning process done by organizations.
BBA322	PRODUCTION AND OPERATIONS MANAGEMENT	To impart knowledge about tools and techniques of production and operations management.
BBA323	SOCIAL AND ETHICAL ISSUES IN BUSINESS	To study the importance of ethics in business.
BBA324	PROJECT REPORT	Project is based on research and viva is conducted a external examiner.

BBA325	ADVERTISING AND BRAND MANAGEMENT	Principles of advertising management and aspects of managing brand.
BBA326	MARKETING OF SERVICES	To apply marketing concepts and principles to services.

### Programme-MASTER OF COMMERCE

Course code	CourseTitle	Course Outcome
M.C.101	MANAGERIAL	To study the concepts of
	ECONOMICS	micro economic theory and
		their use in business decision
		making.
M.C.102	QUANTITATIVE	To learn the important
	METHODS FOR BUSINESS	statistical techniques for
		Managerial decision making.
M.C.103	MODERN ACCOUNTING	To equip the students with the
	THEORY AND REPORTING	required knowledge of
	PRACTICES	international financial
		reporting standards and
		practices.
M.C.104	ORGANIZATION THEORY	To under stand the structure
	AND BEHAVIOR	and behavior in the
		organization.
M.C.105	MARKETING	To familiarize with the basic
	MANAGEMENT	concepts and principles of
		marketing and to develop the
		conceptual and analytical
		Skills of students.
M.C.106	MANAGEMENT	To offer comprehensive
	INFORMATION SYSTEM	overview of management
		Information system.
M.C.107	WORKSHOP ON IT	To expose the students with
		the use of IT technologies to
		Solve the business problems.
M.C.201	BUSINESS ENVIRONMENT	To study the concepts of
		macro economics and macro
		environment in which
		Business operates.

M.C.202	RESEARCH	To impart the knowledge
	METHODOLOGY IN	about various stages of
	COMMERCE	Research processes.
M.C.203	FINANCIAL	To study the basic analytical
	MANAGEMENT AND	methods and techniques of
	POLICY	financial management of
		Business firms.
M.C.204	PRODUCTION AND	To impart the knowledge
	MATERIALS	regarding tools, techniques
	MANAGEMENT	and processes of production
		And operations management.
M.C.205	OPERATIONS RESEARCH	To understand the concepts
		and techniques of operations
		research in business decision
		making.
M.C.206	BUSINESS POLICY AND	To under stand the basic inputs
	STRATEGIC	in making and implementing
	MANAGEMENT	Corporate strategic decisions.
M.C.207	SUMMER TRAINING	To study a particular problems
	<b>REPORT AND VIVA-VOCE</b>	in industrial undertakings with
		Duration of 6-8 weeks.
M.C.301	BUSINESS PERFORMANCE	To familiarize with
	MEASUREMENT	performance measurement
		techniques for business.
M.C.302	TAX PLANNING AND	To familiarize with the latest
	MANAGEMENT	provisions of Indian tax laws
		pertaining to corporate
		enterprises.
M.C.303	INTEGRATED	To study the integrated role of
	MARKETING	promotion techniques with
	COMMUNICATION AND	special emphasis on
	BRAND EQUITY	advertising.
M.C.304	MARKETING RESEARCH	To under stand the concepts,
		tools and techniques of
		Marketing research.
M.C.313	BANK MANAGEMENT	To study the rules and
		Regulations of banking sector.
M.C.314	INSURANCE	To study the risk sand their
	MANAGEMENT	management with different
		insurance plans and policies.

M.C.315	WORKSHOP ON	To provide an overview of
	FINANCIAL MARKETS	financial markets and
	AND INSTRUMENTS	instruments.
M.C.401	PROJECT PLANNING AND	To provide the necessary skills
	CONTROL	to create, plan and control new
		project.
M.C.402	KNOWLEDGE	To create awareness among
	MANAGEMENT	students to know the details of
		knowledge management in
		Changing scenario.
M.C.403	BUSINESS ETHICS AND	To study important of ethics
	CORPORATE	in business and excellence in
	GOVERNANCE	Corporate governance.
M.C.404	ADVERTISING AND	To understand the modern
	SALES MANAGEMENT	concepts and latest techniques
		of advertising and personal
		selling.
M.C.405	SERVICES MARKETING	To understand the service
		product and key elements of
		Services marketing mix.
M.C.406	CONSUMER BEHAVIOR	To understand the behavior of
		consumer for marketing
		Decision making.
M.C.422	COMPREHENSIVE VIVA-	Conducted by external
	VOCE	examiner based on all the
		subjects studied in four
		semesters.

Program Name-Master of Arts Outcome

MA(Political Science)	• To develop comprehensive understanding of the subject by teaching both conventional and new
	<ul> <li>areas of relevance in the domain of political theory and philosophy, Indian politics, comparative politics, public administration and international politics.</li> <li>To develop comprehensive and</li> </ul>

	<ul> <li>interdisciplinary knowledge by emphasizing inter-linkages between various political, economic and social issues and challenges.</li> <li>To generate socially-informed knowledge and cater to the educational upliftment of marginalized communities through papers like Human Rights, Political Ideas in Modern India and Women and Politics in India.</li> <li>To develop theoretically rich and empirically grounded knowledge.</li> <li>To motivate and inform students about the opportunities and future prospects in the field.</li> <li>To develop the overall personality of students and prepare them to compete and succeed in their endeavours.</li> <li>To provide a progressive, healthy</li> </ul>
	<ul> <li>and vibrant environment to its students as well as teachers for the purpose of developing a department known for its academic and intellectual pursuit.</li> <li>To inculcate the values of tolerance, progressiveness and fraternity that</li> <li>contributes towards the making of a healthy and prosperous society.</li> <li>An M.A. Dissertation and its vivavoce was also introduced in 2019 to train the students in writing research papers.</li> </ul>
MA (Dunishi	Students are able to learn progressive evolution of Punjabi Language and

	<ul> <li>literature</li> <li>Students are able to make comparative study in medieval and modern studies.</li> <li>Students are able to understand personal, social, natural, experience of life and able to understand writing of eminent authors to expand their vision and knowledge.</li> <li>Student are able to take position in career in communication, media, teaching, anchoring, creative writing, cultural experts, translators, acting and lyrics writer.</li> </ul>
MA(Sociology)	Sociology is a good subject for undergraduate and post graduate students. A degree in this subject equips them to understand society, human behaviour, their relationships, culture etc. With that knowledge candidates may become suitable for wide variety of subjects like social worker, analyst, public relations specialist, social and community manager, substance abuse counselor, behavioral disorder counselor, child and youth welfare, child welfare officer, teacher, professor, employment counselor etc. In post graduation the students have hand to hand experience of conducting research. A small field work/project is handled by them due to which they grab the research experience which help them in M.Phil & Ph.D.

#### Program Name: M.Sc. Information Technology Outcome

Linux Administration and Programming:	This course enables students to get familiar with
· ·	Linux system, its commands, files & directories, system, shell programming, PERL programming and system administration
Software Engineering:	This course enables students to under stand Software Configuration Managements Tools and Techniques
Computer Algorithm:	The objective of the module is to create skills in students to design and analyze algorithms,
Operating System Concepts:	Students will understand the concepts of

Advance Java and Network Programming:	Operating System and can manage various processes and use the scheduling algorithms. They will manage the files on the disk with Effective out come This course enables student to enhance the programming skills using object oriented Programming approaches. After the completion of this course, student will be able to create enterprise and standard applications in Java, develop web applications with database support, and develop client server based applications. :.
E-Commerce and Emerging Trends	This course enables students to be familiar with Fundamentals of Electronic Commerce and Emerging Technologies such as Parallel Computing, Cloud Computing, grid computing, Mobile Computing, and Concept of big data
Advanced Database System and MySQL	The course aims at providing the students through insight on few DBMS principles and practices. Students will learn and implement the operations for making and using databases with help of SQL and PL/SQL.
Artificial Intelligence:	This course enables students to understand Artificial Intelligence techniques and the Language LISP. After the completion of this course, student will be able to apply standard AI techniques to solve problems, characterize the Knowledge Acquisition, and differentiate various expert systems.
Net Framework AndC#:	This course aims at making a student capable of developing console, windows and web applications using C# on .NET platform.

Theory Of Computation	:The aim of this course is to provide students with an understanding of basic concepts of Theory of Computation.
Computer Graphics	This course enables students to understand graphics hardware and various 2D and 3D algorithms. They Implement the principles and commonly used paradigms and techniques of computer graphics. Use open proficiently using $C / C++$ .
Systems Approach to Management and Optimization Techniques:	This course enables students to be familiar with different types of Info systems, basics Of DR and its practical problems.

# ProgramName: PGDCA (Postgraduate Diploma In Computer Applications)Outcome

Computer Fundamentals:	The objective of the course is to familiarize students with basic concepts related to Computers, DOS, Windows, Linux and C the packages commonly used in computing software.
Computer Programming Using C:	Students get awareness about programming concepts of 'C' including functions, Arrays, string setc
Data Base Management System	The objective of the course is to make the students understand Database concepts and SQL and implement them using Database software.
Data Communications and Networks:	This course enables the student to understand the Layered structure of Networks and working of different Layered.

Object Oriented Concepts Using JAVA	Students are able to understand concepts of Object Oriented including inheritance, visibility control etc. using JAVA programming language.
Web Technologies	This course familiarizes students with concepts Of HTML, CSS, JAVA Scripts and PHP
Software Engineering	The concepts related to Software Engineering including process model, project management, and design and testing.
Computer Based Accounting	Students are able to understand concepts of accounting principle and this course increases the knowledge of students about computerized accounting.
Project Work:	At the end of the course the student will be able to develop Major Project on any database application using any database development too be developed/Development of a Web Site using Database connectivity