



	<b>DHANALAKSHMI SRINIVASAN</b> <b>COLLEGE OF ARTS AND SCIENCE FOR WOMEN</b> <b>(AUTONOMOUS)</b> (Affiliated to Bharathidasan University, Tiruchirappalli) (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	
<b>NAAC</b>	<b>CRITERIA – I</b>	<b>METRIC 1.1.1</b>

### 1.1.1. Curriculum Design and Development

Courses focus on Global, National and Local Needs

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Year of Syllabus Revision	Programme	Sub. Code	Title of the Course	Objective	Needs		
					Local	National	Global
2020	M.A Tamil	20PTA1C1	Ikkala Ilakkiyam I	Creative ability would have developed			✓
2020	M.A Tamil	20PTA1C2	Pakthi Ilakkiyam	Awareness of similarities between religions.			✓
2020	M.A Tamil	20PTA1C3	Tholkappiyam Eluthathikaram	Have a basic grammatical knowledge of the origin and basics of writing			✓
2020	M.A Tamil	20PTA1E1A	1.Tamil panpattu varalaru	He is aware of the changes in Tamil culture from time to time		✓	
2020	M.A Tamil	20PTA1E1B	2.Oodakaviyal	Would have realized the evolution of the media, the need for the media			✓
2020	M.A Tamil	20PTA1A1	Kanini arimukamum payanpadukalum	The website will know and use the benefits of email			✓
2020	M.A Tamil	20PTA2C4	Ikkala Ilakkiyam II	Students will be familiar with short stories, novels and prose in contemporary literature			✓
2020	M.A Tamil	20PTA2C5	Tholkappiyam Sollathikaram	Teaching to write Tamil phrases without traditional errors.			✓
2020	M.A Tamil	20PTA2C6	Oppittu nokkil ulaka	Understanding the generalities of			✓

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			semozhikal	world classical languages			
2020	M.A Tamil	20PTA2E2A	1.Aga ilakkiya kotpadugal	Understanding the ethics of life through introspection		✓	
2020	M.A Tamil	20PTA2E2B	2.Tamiluku Kaniniyin payanpadu	Must be computer literate			✓
2020	M.A Tamil	20PTA2A2	Penniyam	Would have known about the female liberation movement			✓
2020	M.A Tamil	20PTA3C7	Tholkappiyam – porulathikaram I	Pedagogical cognition of biological norms			✓
2020	M.A Tamil	20PTA3C8	Arachi nerimuraikal	Explaining the structure of the research			✓
2020	M.A Tamil	20PTA3C9	Aka illakkiyangal	Teaching ancient Tamil literature			✓
2020	M.A Tamil	20PTA3C10	Oppilakkiyam	Introduction to world literature			✓
2020	M.A Tamil	20PTA3E3A	1.Makkal thagaval thodarbiyal	Making communication devices known			✓
2020	M.A Tamil	20PTA3E3B	2. koiyir kalaiyum panpadum atchiyamum	Interpreting the temples of ancient kings			✓
2020	M.A Tamil	20PTA4C11	Nattuppuraviyal	Knowledge of folk customs			✓
2020	M.A Tamil	20PTA4C12	Pura illakiyam	Interpretation of departments in the late nineties			✓
2020	M.A Tamil	20PTA4C13	Tholkappiyam – porulathikaram II	Conceptual Explanation of Tolkien Economic Literary Principles			✓
2020	M.A Tamil	20PTA4E4A	1. Siddhar ilakkiyam	Realizing the significance of the songs		✓	
2020	M.A Tamil	20PTA4E4B	2.Mozhipeyarpial	Understanding the basics of translation			✓

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2020	M.A Tamil	20PTA4PW	Project	Getting full training for the study		✓	
2020	M.A English	20PEN1C1	British Literature I	Students would have understood the significance of human values and moral values as reflected in the poem			✓
2020	M.A English	20PEN1C2	Aspects Of English Language And Literature	Students would have learnt the importance of skills of writing, reading, speaking and listening			✓
2020	M.A English	20PEN1C3	Indian Writing In English	Students would have motivated by the superb classical drama of Kalidas and Sudrak.			✓
2020	M.A English	20PEN1E1A	Grammar Rhetoric And Writing	Student learns effectively use different software programs and applications to compose and revise documents in different modes and mediums.			✓
2020	M.A English	20PEN1E1B	World Classics In Translation	Discuss the literary, historical, social and cultural background of these texts.			✓
2020	M.A English	20PEN1A1	Business English	The students would have strengthened their knowledge in pronunciation, phonetics and differentiating miscommunication from effective communication.			✓
2020	M.A English	20PEN2C4	British Literature -II	Students would have understood the significance of human values and moral values as reflected in the poem			✓
2020	M.A English	20PEN2C5	Shakespeare	The student will be able to gain an insight into the age of Shakespeare			✓

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2020	M.A English	20PEN2C6	Literary Criticism	The students would have gained perception on the various important developments in the field of criticism			✓
2020	M.A English	20PEN2E2A	Postcolonial Literature	Students would have acquainted themselves with the major theories and reputed writers who practice those theories.			✓
2020	M.A English	20PEN2E2B	Diasporic Literature	Student acquires familiarity with contemporary critical debates on migration and diaspora, and their relation to literature;			✓
2020	M.A English	20PEN2A2	Advanced Skills for Spoken Communication	Students would have learnt the importance of skills of writing, reading, speaking and listening			✓
2020	M.A English	20PEN3C7	Theory Of Comparative Literature and Classics in Translation	Students would be able to differentiate between canonical and the comparative literature.			✓
2020	M.A English	20PEN3C8	Literary Theory and Criticism	Students would have understood different aspects of literary studies known as theory			✓
2020	M.A English	20PEN3C9	American Literature	Students would have learnt some aspects of American English usage and diction			✓
2020	M.A English	20PEN3C10	Research Methodology	Student would be able to understand some basic concepts of research and its Methodologies.			✓
2020	M.A English	20PEN3E3A	Feminist Writings in English	Students would have understood the gender equality and women's rights.			✓

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2020	M.A English	20PEN3E3B	Creative Writings in English	Students would have understood the Poetry formations as figures of Speech and enhance their imaginative power.			✓
2020	M.A English	20PEN4C11	New Literatures in English	Student would have a broad understanding of literatures in English and translation and appreciate the role that historical context plays in the creation and interpretation of literary works			✓
2020	M.A English	20PEN4C12	Translation Theory And Practice	Developed expertise in their working languages in the practice of translation;			✓
2020	M.A English	20PEN4C13	Eco Literature	Students should be able to appreciate the distinctive contribution that the study of literature can make to thinking about sustainability and environmental crisis			✓
2020	M.A English	20PEN4E4A	English Literature for UGC Examination	The students are motivated for prospective career in government and corporate sector.			✓
2020	M.A English	20PEN4E4B	English For Competitive Examination	The student gains the ability to analyze a problem and to identify the appropriate computing requirement.			✓
2020	M.Sc., Mathematics	20PMM1C1	Abstract Algebra	To give foundation in algebraic structures like groups and ring			✓
2020	M.Sc., Mathematics	20PMM1C2	Real Analysis	To give the students a thorough knowledge of the various aspects of			✓

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				real line and metric spaces which is imperative for any advanced learning in pure mathematics			
2020	M.Sc., Mathematics	20PMM1C3	Graph Theory	To give a rigorous study of the basic concepts of graph theory and applications of graph theory in other disciplines		✓	
2020	M.Sc., Mathematics	20PMM1E1A	Discrete Mathematics	To study the concepts like Boolean algebra coding theory and obtain the knowledge in grammar and languages		✓	
2020	M.Sc., Mathematics	20PMM1E1B	Combinatorics	To introduce the notion of different types of distributions of objects and generating functions and study the polyas enumeration theorems	✓		
2020	M.Sc., Mathematics	20PMM1A1	Ordinary Differential Equations	To give an indepth knowledge of differential equations and their applications and study the existence uniqueness stability behaviour of the solution of the ODE		✓	
2020	M.Sc., Mathematics	20PMM2C4	Linear Algebra	To give the students a thorough knowledge of the various aspects of linear algebra and train the students in problems solving as a preparatory for competitive exams			✓
2020	M.Sc., Mathematics	20PMM2C5	Complex Analysis	To learn the various intrinsic concepts and the theory of complex analysis and study the concept of analyticity, complex integration and			✓

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				infinite products in depth			
2020	M.Sc., Mathematics	20PMM2C6	Measure Theory and Integration	To generalize the concept of integration using measures and develops the concept of analysis in abstract situations			✓
2020	M.Sc., Mathematics	20PMM2E2A	Mathematical Modeling	To study the mathematical models through ODE and difference equations and train the students to develop mathematical models in real life problems	✓		
2020	M.Sc., Mathematics	20PMM2E2B	Fluid Dynamics	To deal with fluids in motion		✓	
2020	M.Sc., Mathematics	20PMM2A2	Partial Differential Equations	To give an in-depth knowledge of solving partial differential equations and apply them in scientific and engineering problems and study the other aspects of PDE		✓	
2020	M.Sc., Mathematics	20PMM3C7	Topology	To study the concepts concerned with properties that are preserved under continuous deformations of objects and train the students to develop analytical thinking and the study of continuity and connectivity			✓
2020	M.Sc., Mathematics	20PMM3C8	Numerical Analysis	To know the theory behind various numerical methods and to apply these methods to solve mathematical problems		✓	
2020	M.Sc.,	20PMM3C9	Functional Analysis	To study the three structure theorems			✓

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	Mathematics			of functional analysis Hahn -Banach theorem ,open mapping theorem and uniform boundedness principle and introduce Hilbert spaces and operator theory leading to the spectral theory of operators on a Hilbert space			
2020	M.Sc., Mathematics	20PMM3C10	Calculus Of Variations, Transforms and Integral Equations	To introduce the concepts of calculus of variations and integral equation and their applications and study the different types of transforms and their properties		✓	
2020	M.Sc., Mathematics	20PMM3E3A	Stochastics Processes	To understand the stochastic models for many real life probabilistic situations and learn the well known models like birth -death and queuing to reorient the knowledge of stochastic processes		✓	
2020	M.Sc., Mathematics	20PMM3E3B	Optimization Techniques	Collection of mathematical principles and methods used for solving quantitative problems.	✓		
2020	M.Sc., Mathematics	20PMM4C11	Differential Geometry	To introduce the notion of surfaces and their properties and study geodesics and differential geometry of surfaces		✓	
2020	M.Sc., Mathematics	20PMM4C12	Classical Dynamics	To give a detailed knowledge of the mechanical system of particles and study the applications of langrange and hamilton equation		✓	



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2020	M.Sc., Mathematics	20PMM4C13	Modern Probability Theory	To concern with the analysis of random phenomena	✓		
2020	M.Sc., Mathematics	20PMM4E4A	Automata Theory	To develop methods by which scientists can describe and analyze the dynamic behavior of discrete systems, in which signals are sampled periodically	✓		
2020	M.Sc., Mathematics	20PMM4E4B	Fuzzy Mathematics	To deal with partial inclusion of elements in a set on a spectrum as opposed to simple binary inclusion		✓	
2020	M.Sc., Mathematics	20PMM4PW	Project Work	The problem to be solved and the general concepts applied in solving the problem	✓		
2020	MBA	20PBA1C4	Mathematics And Statistics	Observable phenomena	✓		
2020	MCA	20PCA1C3	Mathematical Foundation For Computer Applications	Application software on Maths	✓		
2020	M.SC PHYSICS	20PPH1C1	Mathematical Physics	Application to problems in physics	✓		
2020	M.SC PHYSICS	20PPH1E1	Numerical Methods And C Programming	Scientific industrial and social research		✓	
2020	M.COM & M.COM (CA)	20PCO2C5/ 20PCOA2C5	Quantitative Techniques For Business Decisions	Entrance exams preparation	✓		
2020	M.SC BIO- CHEMISTRY	20PBC2E2A	Bio-Statistics And Bio Informatics	Observable phenomena		✓	

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2020	MBA	20PBA2C11	Operations Research	Often shortened to the initialism OR		✓	
2020	MCA	20PCA2C9	Operations Research And Numerical Methods	Often shortened to the initialism OR		✓	
2020	M.Sc., Physics	20PPH1C1	Mathematical Physics	the application of mathematics to problems in physics and the development of mathematical methods suitable for such applications and for the formulation of physical theories.			✓
2020	M.Sc., Physics	20PPH1C2	Classical Dynamics	Classical mechanics is a physical theory describing the motion of macroscopic objects, from projectiles to parts of machinery, and astronomical objects.			✓
2020	M.Sc., Physics	20PPH1C3	Spectroscopy	Spectroscopy is the branch of science concerned with the investigation and measurement of spectra produced when matter interacts with or emits electromagnetic radiation.			✓
2020	M.Sc., Physics	20PPH1C4P	Physics Practical-I (General Practical)	Experimental determination of certain physical constants and properties and verification of characteristics its applications.			✓
2020	M.Sc., Physics	20PPH1E1A	Numerical Methods & "C" Programming	Numerical methods are basically a branch of mathematics in which problems are solved with the help of computer and we get solution in numerical form.		✓	

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2020	M.Sc., Physics	20PPH1E1B	Electronic Devices and Circuits	The device which controls the flow of electrons is called electronic device. These devices are the main building blocks of electronic circuits.			✓
2020	M.Sc., Physics	20PPH1A1	Electronic Communication	Electronic communication is any form of communication that's broadcast, transmitted, stored or viewed using electronic media, such as computers, phones, email and video.			✓
2020	M.Sc., Physics	20PPH2C5	Quantum Mechanics	Quantum mechanics is the branch of mechanics that deals with the mathematical description of the motion and interaction of subatomic particles, incorporating the concepts of quantization of energy, wave-particle duality, the uncertainty principle, and the correspondence principle.			✓
2020	M.Sc., Physics	20PPH2C6	Electronics	Electronics is the branch of physics and technology concerned with the design of circuits using transistors and microchips, and with the behaviors and movement of electrons in a semiconductor, conductor, vacuum, or gas.			✓
2020	M.Sc., Physics	20PPH2C7	Statistical Mechanics	Statistical Mechanics is the description of physical phenomena in terms of a statistical treatment of the			✓

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				behavior of large numbers of atoms or molecules, especially as regards the distribution of energy among them			
2020	M.Sc., Physics	20PPH2C8P	Physics Practical-II (Microprocessor and C Programming)	Develop programming skills of microprocessor and C programming in solving some mathematics problems and their application.			✓
2020	M.Sc., Physics	20PPH2E2A	Microprocessor and Communication Electronics	A microprocessor is a computer processor where the data processing logic and control is included on a single integrated circuit, or a small number of integrated circuits.		✓	
2020	M.Sc., Physics	20PPH2E2B	Condensed Matter Physics	Condensed matter physics is the field of physics that deals with the macroscopic and microscopic physical properties of matter, especially the solid and liquid phases which arise from electromagnetic forces between atoms			✓
2020	M.Sc., Physics	20PPH2A2	Fiberoptic Communication	Fiber-optic communication is a method of transmitting information from one place to another by sending pulses of infrared light through an optical fiber.			✓
2020	M.Sc., Physics	20PPH3C9	Electromagnetic Theory	Electromagnetic theory based on Maxwell's equations establishes the basic principle of electrical and electronic circuits over the entire		✓	

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				frequency spectrum from dc to optics.			
2020	M.Sc., Physics	20PPH3C10	Solid State Physics	Solid-state physics is the study of rigid matter, or solids, through methods such as quantum mechanics, crystallography, electromagnetism, and metallurgy. It is the largest branch of condensed matter physics.			✓
2020	M.Sc., Physics	20PPH3C11	Nuclear and Particle Physics	Nuclear physics has numerous important applications in medicine, the military, materials engineering, industry, biology, geology, and archeology.			✓
2020	M.Sc., Physics	20PPH3C12P	Physics Practical-III (Advanced Electronics)	Verification of characteristics and applications of electronic components and devices.			✓
2020	M.Sc., Physics	20PPH3E3A	Crystal Growth and thin Film Physics	A crystal is a solid material whose constituent atoms, molecules, or ions are arranged in an orderly repeating pattern extending in all three spatial dimensions. Thin-film growth occurs typically from thermodynamically equilibrium conditions that may even be limited by the atomic species kinetics.			✓
2020	M.Sc., Physics	20PPH3E3B	Nano science and Nano Technology	Nanoscience and nanotechnology are the study and application of extremely small things and can be used across all the other science fields, such as			✓

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				chemistry, biology, physics, materials science, and engineering.			
2020	M.Sc., Physics	20PPH4C13	Atomic and Molecular Physics	Atomic physics is the subfield of AMO that studies atoms as an isolated system of electrons and an atomic nucleus, while molecular physics is the study of the physical properties of molecules.			✓
2020	M.Sc., Physics	20PPH4PW	Project Work	Application of material science. And field of crystal growth, nano, thin film, spectroscopy, electronics etc.,			✓
2020	M.Sc., Chemistry	20PCH1C1	Inorganic Chemistry- I	Understand about close packing in ionic crystals & mechanism in coordination compounds			✓
2020	M.Sc., Chemistry	20PCH1C2	Physical Methods in Chemistry -I	Learn about the principles & applications of molecular spectroscopy			✓
2020	M.Sc., Chemistry	20PCH1C3P	Inorganic Chemistry Practical-I	Able to carry colorimetric, semi micro qualitative analysis		✓	
2020	M.Sc., Chemistry	20PCH1C4P	Inorganic Chemistry Practical- II	Able to prepare organic compounds & carry out titrimetric analysis			✓
2020	M.Sc., Chemistry	20PCH1E1A	A) Analytical Chemistry	Learn to explain the different electro analytical methods			✓
2020	M.Sc., Chemistry	20PCH1E1B	B) Material Chemistry	Learn about the principles of in organic photo chemistry			✓
2020	M.Sc., Chemistry	20PCH1A1	Detergents and Fuels	Get the knowledge about the preparation of soaps & detergents		✓	

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2020	M.Sc., Chemistry	20PCH2C5	Organic Chemistry- I	Understand the basic concept of rearrangements			✓
2020	M.Sc., Chemistry	20PCH2C6	Physical Methods in Chemistry -II	Know the spectroscopy of different molecules			✓
2020	M.Sc., Chemistry	20PCH2C7P	Organic Chemistry Practical- I	Able to perform the qualitative analysis of a given organic mixture		✓	
2020	M.Sc., Chemistry	20PCH2C8P	Organic Chemistry Practical -II	Get the ability to analyze the organic compounds			✓
2020	M.Sc., Chemistry	20PCH2E2A	A) Supramolecular Chemistry	Know the fundamentals of supramolecules and catalysis			✓
2020	M.Sc., Chemistry	20PCH2E2B	B) Industrial Chemistry	Get the basic ideas about the industrial wastes		✓	
2020	M.Sc., Chemistry	20PCH2A2	Food and Drugs	Study basic idea about drugs			✓
2020	M.Sc., Chemistry	20PCH3C9	Inorganic Chemistry- II	Understand the role of metal ion biological process			✓
2020	M.Sc., Chemistry	20PCH3C10	Organic Chemistry -II	Know about the pericyclic reaction and stereochemistry			✓
2020	M.Sc., Chemistry	20PCH3C11	Physical Chemistry -I	Understand the need of quantum mechanics and its significance			✓
2020	M.Sc., Chemistry	20PCH3C12P	Physical Chemistry Practicals	Able to perform the physical experiments using different techniques			✓
2020	M.Sc., Chemistry	20PCH3E3A	A) Bio-organic Chemistry	Know the concept of metabolism of carbohydrate, amino acids & proteins			✓
2020	M.Sc., Chemistry	20PCH3E3B	B) Chemistry of Nanoscience and Nano Technology	Understand the characterization of nanomaterials and carbon clusters			✓

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2020	M.Sc., Chemistry	20PCH4C13	Physical Chemistry -II	Understand the application quantum mechanics in atomic and molecular structure			✓
2020	M.Sc., Chemistry	20PCH4PW	Project Work	Understand and analysis about phytochemistry, organic synthesis, nanoparticles & green synthesis			✓
2020	M.Sc., Biotechnology	20PBT1C1	Cell biology	Provides the strong foundation in the molecular mechanisms underlying cellular function.			✓
2020	M.Sc., Biotechnology	20PBT1C2	Microbiology	The study of Microscopy, Microbiology Techniques, Microbial growth and nutritional requirements of microbes in environment			✓
2020	M.Sc., Biotechnology	20PBT1C3	Biochemistry	The study of the chemical substances and vital processes occurring in live organisms			✓
2020	M.Sc., Biotechnology	20PBT1C4P	Lab in Cell Biology, Molecular Biology and Biochemistry.	Diverse genetic and biochemical tools to understand mechanisms of nutrient sensing and nuclear-cytoplasmic regulation,			✓
2020	M.Sc., Biotechnology	20PBT1E1A	A) Bioinformatics	The application of tools of computation and analysis to the capture and interpretation of biological data			✓
2020	M.Sc., Biotechnology	20PBT1E1B	B) Solid waste management	The complete process of collecting, treating and disposing of solid wastes.			✓
2020	M.Sc., Biotechnology	20PBT1A1	Food Safety and Quality Control	The principles and methods of Food Quality Control and Assurance,			✓



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				principles and selection of panelists for sensory evaluation and Quality Management System and existing food Standards (ISO).			
2020	M.Sc., Biotechnology	20PBT2C5	Molecular Biology	Field of <u>science</u> concerned with studying the chemical structures and processes of biological phenomena that involve the basic units of life, <u>molecules</u>			✓
2020	M.Sc., Biotechnology	20PBT2C6	Recombinant DNA technology	A transgenic, or genetically modified, organism is one that has been altered through recombinant DNA technology, which involves either the combining of DNA from different genomes or the insertion of foreign DNA into a genome			✓
2020	M.Sc., Biotechnology	20PBT2C7	Environmental Biotechnology	Applied to and used to study the natural environment & imply that one tries to harness biological process for commercial uses and exploitation.			✓
2020	M.Sc., Biotechnology	20PBT2C8P	Lab in Molecular Biology, Recombinant DNA technology and Environmental Biotechnology	Study various molecular techniques, to know the basic process of DNA replication, transcription & translation and to know isolation, restriction of DNA			✓
2020	M.Sc., Biotechnology	20PBT2E2A	A) Advanced Instrumentation for biotechnology	Various instruments use in biotechnology lab with all the basic mechanisms behind them.			✓

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2020	M.Sc., Biotechnology	20PBT2E2B	B) IPR, Biosafety, Bioethics	Various aspects of biosafety regulations, IPR and bioethics concerns arising from the commercialization of biotech products			✓
2020	M.Sc., Biotechnology	20PBT2A2	Pharmaceutical Biotechnology	A relatively new and growing field in which the principles of biotechnology are applied to the development of drugs.			✓
2020	M.Sc., Biotechnology	20PBT3C9	Animal Biotechnology	The use of science and engineering to modify living organisms. The goal is to make products, to improve animals and to develop microorganisms for specific agricultural uses.			✓
2020	M.Sc., Biotechnology	20PBT3C10	Plant Biotechnology	The use of tissue culture and genetic engineering techniques to produce genetically modified plants that exhibit new or improved desirable characteristics			✓
2020	M.Sc., Biotechnology	20PBT3C11	Bioprocess Technology	The industrial application of biological processes involving living cells or their components to effect desired transformation of substrates			✓
2020	M.Sc., Biotechnology	20PBT3C12P	Lab in Animal Biotechnology, Plant Biotechnology and Bioprocess Technology.	Recombinant DNA technology Restriction and ligation, protein separation, blotting techniques and amplification technique. Environmental and culturing technique			✓

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2020	M.Sc., Biotechnology	20PBT3E3A	A) Immunotechnology	The function of the immune system, about the interfaces between immunology and biotechnology, and about modern technologies that help to create or modulate the desired immune response.			✓
2020	M.Sc., Biotechnology	20PBT3E3B	B) Marine Biotechnology	Ocean exploration for development of new pharmaceutical drugs, chemical products, enzymes, and other products and processes			✓
2020	M.Sc., Biotechnology	20PBT4C13	Basics of Research and Entrepreneurship	Study and research meant to increase our scientific knowledge base & acquiring detailed information of all the areas of business and using such information in maximizing the sales and profit of the business			✓
2020	M.Sc., Biotechnology	20PBT4PW	Project work	Undertaking, carried out individually or collaboratively and possibly involving research or design, that is carefully planned to achieve a particular aim			✓
2020	M.Sc., Biochemistry	20PBC1C1	Chemistry of Biomolecules	To understand the chemical structure and function of various bio molecules found in living systems.			✓
2020	M.Sc., Biochemistry	20PBC1C2	Analytical Techniques	To understand the working principles, construction and applications of the instruments used in the studies related to various disciplines of biological			✓

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				sciences.			
2020	M.Sc., Biochemistry	20PBC1C3	Advanced Human Physiology	To introduce the students to the Physiological concepts of the body systems dealt with in the blood, nervous system, excitable tissues, the cardiovascular system, respiration, the gastrointestinal tract, renal physiology.			✓
2020	M.Sc., Biochemistry	20PBC1C4P	Lab in Chemistry of Biomolecules Analytical Techniques Human Physiology	To understand the working principles, construction and applications of the instruments used in the studies related to various disciplines of biological sciences			✓
2020	M.Sc., Biochemistry	20PBC1E1A	Advanced Microbiology	To understand the metabolic reaction occurs in the microbial cells, it helps the student to gain basic information about microbiology.			✓
2020	M.Sc., Biochemistry	20PBC1A1	Environmental Toxicology	Exposure of man and animal to potentially hazardous environmental factors of chemical, biological or physical nature			✓
2020	M.Sc., Biochemistry	20PBC2C5	Enzymology	The objective of the course is to provide a deeper insight into the fundamentals of enzyme structure, kinetics, function and kinetics of soluble and immobilized enzymes.			✓
2020	M.Sc., Biochemistry	20PBC2C6	Metabolism & Regulation	To understanding of the reactions involved in the biomolecules, and also discuss how metabolic pathways are			✓

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				regulated by effectors molecules and by hormones in living systems.			
2020	M.Sc., Biochemistry	20PBC2C7	Cell &Molecular biology	To understand the general principles of gene organization and expression in both prokaryotic and eukaryotic organisms.			✓
2020	M.Sc., Biochemistry	20PBC2C8P	Lab in Enzymology Metabolism & RegulationCell &Molecular biology	To introduce students to various practical aspects of molecular techniques and Enzymology			✓
2020	M.Sc., Biochemistry	20PBC2E2B	Biomedical Instrumentation	Provide the students about medical imaging, biomedical signal processing, rehabilitation and biomaterial			✓
2020	M.Sc., Biochemistry	20PBC2A2	Advanced Dietetics	To provide understanding of the nutrition and clinical issues and further develop skills in evidence-based practice in preparation for dietetic practice and encountered problems and clinical conditions.			✓
2020	M.Sc., Biochemistry	20PBC3C9	Advanced Immunology	To understand about immune response and immunological techniques			✓
2020	M.Sc., Biochemistry	20PBC3C10	Clinical Biochemistry	To provide knowledge about the biochemical basis of various diseases and disorder with analysis of bodily fluids for diagnostic and therapeutic purposes			✓
2020	M.Sc.,	20PBC3C11	Plant and animal	aims to give plant cell and tissue			✓

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	Biochemistry		Biotechnology	culture in agricultural and food applications are improvement of crops and increased food production.			
2020	M.Sc., Biochemistry	20PBC2C12P	Lab in Immunology Clinical biochemistry Plant & Animal Biotechnology	To Study the various diagnostic and therapeutic methodologies available for diseases and disorder			✓
2020	M.Sc., Biochemistry	20PBC3E3B	Microbial & Industrial Biotechnology	To equip the students to apply knowledge of molecular mechanisms of cellular processes in living systems including microbes, plants, and higher order organisms to applied aspects			✓
2020	M.Sc., Biochemistry	20PBC4C13	Genetic Engineering	To provide knowledge about application and procedure of genetic engineering			✓
2020	M.Sc., Biochemistry	20PBC4PW	Project	To improve the research skills among students	✓		
2020	M.Sc., Microbiology	20PMB1C1	General Microbiology	Understand an overview of the diversity, structure, function, growth, reproduction, genetics, physiology, preservation, and control of microorganisms.			✓
2020	M.Sc., Microbiology	20PMB1C2	Microbial Metabolism	Provides a driving force behind the development and maintenance of the planet's biosphere.			✓
2020	M.Sc., Microbiology	20PMB1C3	Microbial Biochemistry	Provides understanding the biological processes associated with these organisms as well as the production			✓

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				and functions of various biomolecules.			
2020	M.Sc., Microbiology	20PMB1E1A	Biopharmaceuticals	It includes the study of activities and related mechanisms of action in living organisms.			✓
2020	M.Sc., Microbiology	20PMB1E1B	Biosafety, Bioethics and IPR	deals with the ethical implications of biological research, and the biological and medical applications of research.			✓
2020	M.Sc., Microbiology	20PMB1A1	Bioinstrumentation	Focuses on the devices and mechanics used to measure, evaluate, and treat biological systems			✓
2020	M.Sc., Microbiology	20PMB2C5	Advanced virology	Provides further investigate the biology and pathogenesis of medically important viruses at the cellular and molecular level.			✓
2020	M.Sc., Microbiology	20PMB2C6	Microbial Genetics	Provides powerful tools for deciphering the regulation, as well as the functional and pathway organization, of cellular processes.			✓
2020	M.Sc., Microbiology	20PMB2C7	Environmental and Agricultural Microbiology	Provides a study of microorganisms in the environment and dealing with plant-associated microbes and plant and animal diseases			✓
2020	M.Sc., Microbiology	20PMB2E2A	Advanced Molecular biology	Emphasizes the unifying principles and mechanisms of molecular biology, with frequent use of tables and boxes to summarize experimental data and			✓



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				gene and protein functions.			
2020	M.Sc., Microbiology	20PMB2E2B	Nanotechnology	Deals with the manipulation of matter on atomic, molecular and supramolecular scales			✓
2020	M.Sc., Microbiology	20PMB2A2	Mushroom Technology	Aims in the study of Mushroom cultivation which is one of the most significant agribusinesses in the world			✓
2020	M.Sc., Microbiology	20PMB3C9	Immunology and Medical Microbiology	Deals with how the body defends itself against disease-causing microbes and how microbes can be controlled to prevent disease along with the prevention, diagnosis and treatment of infectious diseases.			✓
2020	M.Sc., Microbiology	20PMB3C10	Food and Dairy Microbiology	Provides basic aspects of microbiology of various microorganisms associated with fluid milk and milk products, the effect of processing steps on the growth and survival of these microorganisms, defects associated with various types of microorganism and their control measures		✓	
2020	M.Sc., Microbiology	20PMB3C11	Recombinant DNA Technology	Provides theoretical bases to properties and applications of versatile DNA modifying enzymes, cloning strategies, vector types, host genotype specificities for selection and screening of recombinants and/or			✓



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				recombinant transformants			
2020	M.Sc., Microbiology	20PMB3E3A	Fermentation Technology	Emphasizes the application of biological and engineering principles to problems involving microbial, mammalian, and biological/biochemical systems.			✓
2020	M.Sc., Microbiology	20PMB3E3B	Marine Microbiology	Provides with a basic theoretical and practical understanding of the interactions between microorganisms and ocean processes and discuss their future role in a rapidly changing planet			✓
2020	M.Sc., Microbiology	20PMB4C13	Research Methodology	Introduces the language of research, ethical principles and challenges, and the elements of the research process within quantitative, qualitative, and mixed methods approaches.			✓
2020	M.Sc., Computer Science	20PCS1C1	J2EE Technologies	Currently used in industrial application development			✓
2020	M.Sc., Computer Science	20PCS1C2P	J2EE Lab	Efficiently work on enterprise web applications.			✓
2020	M.Sc., Computer Science	20PCS1C3	OOAD & UML	Graphical language for OOAD that gives a standard way to write a software system's blueprint.		✓	
2020	M.Sc., Computer	20PCS1C4	Distributed Operating System	System software over a collection of independent, networked,			✓

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	Science			communicating, and physically separate computational nodes.			
2020	M.Sc., Computer Science	20PCS1E1A	Soft Computing	Allow the user to build an application module			✓
2020	M.Sc., Computer Science	20PCS1E1B	Mobile Communication	It refers to a variety of devices that allow people to access data and information from wherever they are. Mobile computing transports data, voice, and video over a network via a mobile device.			✓
2020	M.Sc., Computer Science	20PCS1A1	Grid Computing	Around 85% of new applications are being developed around grid computing.			✓
2020	M.Sc., Computer Science	20PCS2C5	Cloud Computing	Incorporates the cloud infrastructure globally			✓
2020	M.Sc., Computer Science	20PCS2C6	XML and Web Services	Used to describe structure data for storage and transport in web			✓
2020	M.Sc., Computer Science	20PCS2C7	Open-Source Web Development	to designate a specific approach to creating complex computer programs.			✓
2020	M.Sc., Computer Science	20PCS2C8P	Open-Source Technology Lab	To compete with global level embedded products/devices/ applications and their software relatedness are analyzed, programmed in a better manner.			✓

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2020	M.Sc., Computer Science	20PCS2E2A	Advanced Software Engineering	To Allow the user needs and analyzing, designing, constructing, and testing end user applications that will satisfy these needs through the use of software programming languages		✓	
2020	M.Sc., Computer Science	20PCS2E2B	Parallel Computing	To execute multiple, smaller calculations broken down from an overall larger, complex problem.			✓
2020	M.Sc., Computer Science	20PCS2A2	XML & Web Services Lab	Currently wisely used in industrial application development		✓	
2020	M.Sc., Computer Science	20PCS3C9	Distributed Technologies	To share among multiple systems which may also be in different locations.			✓
2020	M.Sc., Computer Science	20PCS3C10P	Distributed Technologies Lab	to learn the practical knowledge of using distributed application development packages.			✓
2020	M.Sc., Computer Science	20PCS3C11	Data Mining and Warehousing	Can be applied globally to store large volumes of digital data that are generated in day-to-day digital activities			✓
2020	M.Sc., Computer Science	20PCS3C12	Compiler Design	Covers basic translation mechanism, error detection & recovery. It includes lexical, syntax, and semantic analysis as front end, and code generation and optimization as back-end.		✓	
2020	M.Sc.,	20PCS3E3A	Artificial Intelligence	Ultimate goal of AI and Robotics to			✓

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	Computer Science			create program that can solve problems and achieve goals like humans would. Used in developing machines like Robotics, language detection machine, game playing, expert systems, speech recognition machine			
2020	M.Sc., Computer Science	20PCS3E3B	Pervasive Computing	Growing trends of embedding computational capability.		✓	
2020	M.Sc., Computer Science	20PCS4C13	Big Data Analytics	Seed to extract meaningful insights, such as hidden patterns, unknown correlations, market trends, and customer preferences			✓
2020	M.Sc., Computer Science	20PCS4C14	Cyber Security	Make software companies to eliminate the hackers and improves security among all the applications			✓
2020	M.Sc., Computer Science	20PCS4PW	Project	To Think of it as the elevator pitch that focuses on what and why without delving into how.			✓
2020	MCA	20PCA1C1	Programming in Java	Knowledge of the structure and model of the Javaprogramming language			✓
2020	MCA	20PCA1C2	Digital Computer Fundamentals	Explain and implement the basic concepts of logic gates and simply the Boolean functions using K- MAP			✓
2020	MCA	20PCA1C3	Operating Systems	To understand the operating system functionalities like memory, processor, and scheduler.			✓

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2020	MCA	20PCA1C4P	Java Programming Lab	To get hands on experience in developing programs using java applications.			✓
2020	MCA	20PCA1C5P	Operating System Lab	Able to run various UNIX commands on a standard UNIX/LINUX Operating system (We will be using Ubuntu flavor of the Linux operating system).			✓
2020	MCA	20PCA1E1A	Computer Networks	To provide an overall knowledge in computer communication networks concepts and its implementation details in the Internet.			✓
2020	MCA	20PCA1E1B	Pervasive Computing	to analyze the strengths and limitations of the tools and devices for development of pervasive computing systems		✓	
2020	MCA	20PCA1E1C	Computer Simulation and Modelling	To impart knowledge in real time modeling process and the simulation of any system using the real time mode.			✓
2020	MCA	20PCA1A1	mathematical foundation for computer applications	able to address any real time problem and improve the working flow of computational models			✓
2020	MCA	20PCA2C6	Web Technologies	Students are able to develop a dynamic webpage by the use of java script and DHTML.			✓
2020	MCA	20PCA2C7	Operation Research And Numerical Methods	To formulate and solve problems as networks and graphs., algorithms.			✓

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2020	MCA	20PCA2C8	Accounting & Financial Management	To Know and apply accounting and finance theory.			✓
2020	MCA	20PCA2C9P	Web Technologies lab	Design and implement dynamic websites with good aesthetic Sense of designing and latest technical			✓
2020	MCA	20PCA2C10P	Accounting & Financial Management lab	To understand the appropriateness, the advantages / shortcomings of various accounting & financial management techniques			✓
2020	MCA	20PCA2E2A	Data Science	machine learning techniques, and scaling up machine learning approaches			✓
2020	MCA	20PCA2E2B	Compilerdesign	Specify and analyze the lexical, syntactic and semantic structures of advanced language features.			✓
2020	MCA	20PCA2E2C	Microprocessors, Interfacingand Applications	Recall and apply a basic concept of digital fundamentals			✓
2020	MCA	20PCA2A2	Cyber Crime Technology	Provides an environment to narrate the cybercrime related topics and issues			✓
2020	MCA	20PCA3C11	Python Programming	Develop real-world applications using oops, files and exception handling provided by python			✓
2020	MCA	20PCA3C12	Mobile Computing	To impart fundamental concepts in the area of mobile computing, to provide a computersystem			✓
2020	MCA	20PCA3C13	Artificial Intelligence	To provide the knowledge of problem-solving using AI			✓



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				techniques, knowledge representations, expert system development process			
2020	MCA	20PCA3C14P	Python Programming Lab	Demonstrate use of advanced regular expressions for data validation			✓
2020	MCA	20PCA3C15P	Mobile Computing Lab	To introduce the fundamentals of mobile computing, Abstract concepts. To create and use new, simple and complex within Android program			✓
2020	MCA	20PCA3E3A	Digital Image Processing	To study the various concepts, methods and algorithms of digital image processing with image transformation, image enhancement, image restoration, image compression techniques.			✓
2020	MCA	20PCA3E3B	IoT	Students will understand the concepts of Internet of Things and can able to build IOT Applications.			✓
2020	MCA	20PCA3E3C	Cloud Computing	To impart knowledge on Introduction to Cloud Computing, The Evolution of SaaS, The Anatomy of Cloud Infrastructure, Workflow Management Systems and Clou			✓
2020	MCA	20PCA3SD1	Skill development	To develop inter personal skills and be an effective goal-oriented team			✓

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			course	player			
2020	MCA	20PCA6PW	Project	To improve the technical knowledge in particular domain			✓
2020	M.COM CA	20PCOA1C1	Managerial Economics	Provides an environment to narrate the cybercrime related topics and issues			✓
2020	M.COM CA	20PCOA1C2	RDBMS	It provides an interface between users and applications and the database, as well as administrative functions for managing data storage, access, and performance.			✓
2020	M.COM CA	20PCOA1C3	Management Information System	To provide information for decision making on planning, initiating, organizing, and controlling the operations of the subsystems of the firm and to provide a synergistic organization in the process.			✓
2020	M.COM CA	20PCOA1E1A	A.Entrepreneurial Development	To develop and fortify entrepreneurial quality, i.e., motivation or need for achievement. To develop small and medium scale enterprises in order to generate employment and widen the scope of industrial ownership		✓	
2020	M.COM CA	20PCOA1E1B	B.Service Marketing	Analysis how to provide a service to their customers use to increase brand awareness and sales. Unlike product marketing, services marketing focuses on advertising intangible transactions that provide value to customers		✓	



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2020	M.COM CA	20PCOA1A1T 20PCOA1A1P	Accounting Package with Practical	To recollect the basic concepts used in the accounting system with accounting software		✓	
2020	M.COM CA	20PCOA2C4	Research Methodology	It clearly defines the tools and techniques to be used for collecting, analyzing and interpreting the data to find out the solutions in Research process.			✓
2020	M.COM CA	20PCOA2C5	Quantitative Techniques for Business Decisions	Provides rational/logical decision model, but they can apply in any of the other models as well. Among the most common techniques are decision trees, payback analysis, and simulations.			✓
2020	M.COM CA	20PCOA2C6	Commerce	Provide the list of advantages of ecommerce is the <b>low financial cost</b> , but other pros include selling internationally, retargeting customers, personalization of the buying experience, etc.			✓
2020	M.COM CA	20PCOA2E2A	A.Human Resource Management	To analyses the importance of human resource management in organizations and get the idea about training and development needed to the human resource.			✓
2020	M.COM CA	20PCOA2E2B	B.Tourism Development	To study programme which prepares students to work in the dynamic tourism industry in sectors		✓	

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				like hospitality, travel and tourism.			
2020	M.COM CA	20PCOA2A2T 20PCOA2A2P	Internet with Practical	Students may employ the internet in an educational matter such as writing paper, searches for answers to questions and preparing for assignments and others with practical knowledge			✓
2020	M.COM CA	20PCOA3C7	Advanced Corporate Accounting	To understand the costing system, cost management system and the concept of labour and overhead cost through advanced concept.			✓
2020	M.COM CA	20PCOA3C8T 20PCOA3C8P	Page Maker with Practical	It enables individuals and groups to create and edit publications through practical knowledge			✓
2020	M.COM CA	20PCOA3C9	Goods and service tax	Provide the importance of Goods and Services Tax (GST) in India, and enrich the knowledge of students in preparing accounting entries with GST		✓	
2020	M.COM CA	20PCOA3C10	Scripting Languages	Provides idea about day-to-day tasks while the programming ones - for the development of the complex systems and applications.		✓	
2020	M.COM CA	20PCOA3E3A	A.Insurance Management	To determine customers perception towards private insurance companies and their expectation form private insurance companies. To determine the feedback on services provided by an insurance agent. To study the types		✓	

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				of benefits provided by insurance services.			
2020	M.COM CA	20PCOA3E3B	B.Retail Management	To recollect the concepts of effective retailing and understand the strategic decisions involved in location, evaluation and selection.		✓	
2020	M.COM CA	20PCOA4C11	Industrial Relations	To creates a sense of belongingness and group-cohesiveness among workers, and also a congenial environment resulting in less industrial unrest, grievances and disputes.			✓
2020	M.COM CA	20PCOA4C12	Cost & Management Accounting	To provide report, analyze, and lead to the improvement of internal cost controls and efficiency and accounting helps in system of operational analysis for management.			✓
2020	M.COM CA	20PCOA4C13T 20PCOA4C13P	Programming in C++ (with practical)	It helps to manipulate the source code, which gives you a deeper understanding of how all the parts work.		✓	
2020	M.COM CA	20PCOA4E4A	A.Customer Relationship Management	To provide answer customer questions quickly and effectively, resolve issues with empathy and care, document pain points to share with internal teams, nurture relationships, and improve brand credibility.			✓
2020	M.COM CA	20PCOA4E4B	B.Sales Management	It helps reach sales objectives, control			✓

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				sales processes, close deals faster, boost sales performance, and thrive in a highly competitive environment.			
2020	M.COM CA	20PCOA4PW	Project Work Dissertation (80 marks) Viva voce (20 marks)	The aim of the project is to test the independent research skills students have time at acquired during their university, with the assessment used to help determine their final grade.	✓		
2020	M.COM	20PCO1C1	Managerial Economics	Provides an environment to narrate the cybercrime related topics and issues			✓
2020	M.COM	20PCO1C2	Advanced Financial Management	Helps in Financial Planning. Assists in acquiring and managing funds. Helps in funds allocation. Provides insights to make critical financial decisions.			✓
2020	M.COM	20PCO1C3	Indian Financial System	It provides idea about financial system is to institutionalize and standardize many common financial transactions, such as the buying and selling of stocks, and to provide common financial instruments with similar characteristics, such as options and futures.			✓
2020	M.COM	20PCO1E1A	A.Entrepreneurial Development	To develop and fortify entrepreneurial quality, i.e., motivation or need for achievement. To develop small and medium scale enterprises in order to generate employment and widen the scope of industrial ownership			✓

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2020	M.COM	20PCO1E1B	B.Service Marketing	Analysis how to provide a service to their customers use to increase brand awareness and sales. Unlike product marketing, services marketing focuses on advertising intangible transactions that provide value to customers			✓
2020	M.COM	20PCO1A1T 20PCO1A1P	Accounting Package(with Practical)	To recollect the basic concepts used in the accounting system with accounting software			✓
2020	M.COM	20PCO2C4	Research Methodology	It clearly defines the tools and techniques to be used for collecting, analyzing and interpreting the data to find out the solutions in Research process.			✓
2020	M.COM	20PCO2C5	Quantitative Techniques for Business Decisions	Provides rational/logical decision model, but they can apply in any of the other models as well. Among the most common techniques are decision trees, payback analysis, and simulations.			✓
2020	M.COM	20PCO2C6	Strategic Management	It provides new, traditional business topics. And helps in integrating the favorite subjects that offer a practical, real-world view of business management.			✓
2020	M.COM	20PCO2E2A	A.Human Resource Management	To analyses the importance of human resource management in organizations and get the idea about training and			✓

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				development needed to the human resource.			
2020	M.COM	20PCO2E2B	B.Tourism Development	To study programme which prepares students to work in the dynamic tourism industry in sectors like hospitality, travel and tourism.			✓
2020	M.COM	20PCO2A2T 20PCO2A2P	Internet(with practical)	Students may employ the internet in an educational matter such as writing paper, searches for answers to questions and preparing for assignments and others with practical knowledge			✓
2020	M.COM	20PCO3C7	Advanced Corporate Accounting	To understand the costing system, cost management system and the concept of labour and overhead cost through advanced concept.			✓
2020	M.COM	20PCO3C8	Organizational Behavior	It helps to understand the human interactions in an organization, find what is driving it and influence it for getting better results in attaining business goals			✓
2020	M.COM	20PCO3C9	Goods and Services Tax	Provide the importance of Goods and Services Tax (GST) in India, and enrich the knowledge of students in preparing accounting entries with GST		✓	
2020	M.COM	20PCO3C10	Corporate Law	It gives ideas about practices, rules, and regulations that govern the operation as well as the formation of		✓	

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				the corporate firms.			
2020	M.COM	20PCO3E3A	A. Insurance Management	To determine customers perception towards private insurance companies and their expectation form private insurance companies. To determine the feedback on services provided by an insurance agent. To study the types of benefits provided by insurance services.			✓
2020	M.COM	20PCO3E3B	B. Retail Management	To recollect the concepts of effective retailing and understand the strategic decisions involved in location, evaluation and selection.			✓
2020	M.COM	20PCO4C11	Industrial Relations	To creates a sense of belongingness and group-cohesiveness among workers, and also a congenial environment resulting in less industrial unrest, grievances and disputes.			✓
2020	M.COM	20PCO4C12	Cost and Management Accounting	To provide report, analyze, and lead to the improvement of internal cost controls and efficiency and accounting helps in system of operational analysis for management.			✓
2020	M.COM	20PCO4C13	Investment Management	It helps to get the idea about how people protect their hard-earned money from being eroded with time due to extravagance uses.			✓

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2020	M.COM	20PCO4E4A	A.Customer Relationship Management	To provide answer customer questions quickly and effectively, resolve issues with empathy and care, document pain points to share with internal teams, nurture relationships, and improve brand credibility			✓
2020	M.COM	20PCO4E4B	B.Sales Management	It helps reach sales objectives, control sales processes, close deals faster, boost sales performance, and thrive in a highly competitive environment			✓
2020	M.COM	20PCO4PW	Project Work Dissertation (80 marks) Viva voce (20 marks)	The aim of the project is to test the independent research skills students have time at acquired during their university, with the assessment used to help determine their final grade	✓		
2020	MBA	20PBA1C1	Management Concepts	Helps to understand the basic concepts of management functions and issues	✓		
2020	MBA	20PBA1C2	Organizational Behavior	Understanding the overview of organization behavior in individual, group and organization	✓		
2020	MBA	20PBA1C3	Accounting for Managerial Decision	Acquiring reasonable knowledge in analyzing and evaluating the financial statements	✓		
2020	MBA	20PBA1C5	Managerial Communication	Acquire basic foundation in oral and written communication	✓		
2020	MBA	20PBA1C6	Human Resource Management	Understanding the comprehensive review of concept and techniques of Human Resource Management	✓		



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2020	MBA	20PBA2C7	Managerial Economics	Understand the basic foundation on principles and applications of economics	✓		
2020	MBA	20PBA2C8	Production Management	Understanding the concepts, strategies, tools and techniques of operations management	✓		
2020	MBA	20PBA2C9	Financial Management	Acquiring reasonable knowledge in analyzing and evaluating the financial statements	✓		
2020	MBA	20PBA2C10	Business Research	Developing the analytical skills and scientific communications	✓		
2020	MBA	20PBA2C12	Marketing Management	Helps to understand the complex, dynamic and challenging market situations	✓		
2020	MBA	20PBA3C13	Strategic Management	Enable to create, execute and evaluate different strategies for being successful in all aspects	✓		
2020	MBA	20PBA3C14	Legal Aspects of Business	Helps to recognize the impact of Indian legal environment on business	✓		
2020	MBA	20PBA3EF1	Security Analysis and Portfolio Management	Understanding the conceptual framework of stock market, security analysis and portfolio management.	✓		
2020	MBA	20PBA3EF2	Financial Modeling Using Excel	Helps to develop spreadsheet and management skill for creating computer-based models	✓		
2020	MBA	20PBA3EF3	Strategic Financial Management	Helps to know the concept of financial management from strategic perspective	✓		

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2020	MBA	20PBA4EF4	Merger And Acquisition	To understand the basics and tax aspects of merger and acquisition	✓		
2020	MBA	20PBA4EF5	Investment Management	To have exposure on analysis techniques of capital market and theories of portfolio management	✓		
2020	MBA	20PBA4EF6	International Financial Management	To understand the stages of expansion overseas that MNC's utilize in order to benefit from globalization	✓		
2020	MBA	20PBA3EH1	Human Resource Development	To identify the content, process and outcome of HRD applications	✓		
2020	MBA	20PBA3EH2	Organization Change and Development	To emphasize the necessity for change and familiarize the concepts.	✓		
2020	MBA	20PBA3EH3	Conflict And Negotiation Management	Helps to learn the theories and concepts of conflict and negotiation	✓		
2020	MBA	20PBA4EH4	Compensation Management	To know the various dimensions and role of various bodies involved in compensation management	✓		
2020	MBA	20PBA4EH5	Performance Management	To know the importance of employee performance to achieve the organizational goal and identify the process of performance management	✓		
2020	MBA	20PBA4EH6	Employee Empowerment and Engagement	To know about the employee benefit of the organization and toward their organization themselves not only in their role	✓		
2020	MBA	20PBA3SS1	Managerial Effectiveness	To understand the role of financial perspectives in marketing	✓		

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2020	MBA	20PBA4C15	Entrepreneurial Development And International Business	To know about the emerging global trends in business environment	✓		
2020	MBA	20PBA4C16	Total Quality Management	To understand the importance of employee performance to archive the organizational goal	✓		
2020	MBA	20PBA3EM1	Digital Marketing	To gain the knowledge about CRM models, E-business and verb analytics	✓		
2020	MBA	20PBA3EM2	Promotional Management	Helps to learn the strategies to develop an effective advertising and sales promotion	✓		
2020	MBA	20PBA3EM3	Consumer Behavior	To understand the conceptional buying behaviour	✓		
2020	MBA	20PBA3EM4	Marketing Analytics	To understand the financial perspective in marketing and apply analytics concepts in marketing	✓		
2020	MBA	20PBA4EM5	Leading Social Enterprise	To understand the marketing concepts of social enterprises	✓		
2020	MBA	20PBA4EM6	Brand Management	To know the impart in – depth knowledge regarding the practice of brand management	✓		
2020	MBA	20PBA3ES1	Software Engineering	To analyses and resolve information technology problems through the application of systematic approaches in software engineering	✓		
2020	MBA	20PBA3ES2	Business Analytics and Business Intelligence	To understand the emergence of business analytics and business intelligence and competitive strategy	✓		

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2020	MBA	20PBA3ES3	Software Project Management	To understand activity planning and control projects in software project management	✓		
2020	MBA	20PBA4ES4	Relational Database Management	To understand the concept of database in the functional areas of business	✓		
2020	MBA	20PBA4ES5	Principles Of Deep Learning	To know the knowledge about deep learning in students and long short-term memory network	✓		
2020	MBA	20PBA4EF6	Data Mining and Data Warehousing	To learn different algorithms and techniques in data mining and data ware housing	✓		
2020	MBA	20PBA3E01	Logistics And Supply Chain Management	To explore the elements of integrated business logistics, warehousing, inventory management and customer service.	✓		
2020	MBA	20PBA3E02	Advance Operation Research	To understand the LP models and optimizing algorithms	✓		
2020	MBA	20PBA3E03	Operation And Production Management	To accustom the students with wide framework of production management	✓		
2020	MBA	20PBA4EO4	Material Management	To understand the inventory analysis and profitability and create performance measures	✓		
2020	MBA	20PBA4EO5	Lean Manufacturing	To learn about lean manufacturing system and implement LMS in an organization	✓		
2020	MBA	20PBA4EO6	World Class Manufacturing	To know the basic knowledge of world class manufacturing for being a successful completion of this course to		✓	

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				the students			
2020	MBA	20PBA4PW	Project	Help the student develop the ability to apply, multidisciplinary concepts, tools and techniques to solve organizational problems.			✓

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<b>Courses focus on Global, National and Local Needs</b>							
<b>Year of Syllabus Revision</b>	<b>Programme</b>	<b>Sub. Code</b>	<b>Title of the Course</b>	<b>Objective</b>	<b>Needs</b>		
					<b>Local</b>	<b>National</b>	<b>Global</b>
2021	B.LIT-Tamil	21UTA1C1	Ikkala Ilakkiyam	Teaching literary forms such as short story novel drama			✓
2021	B.LIT-Tamil	21UTA1C2	Nannul Elutthathigaram	Leading the Tamil language tradition to read and write without error			✓
2021	B.LIT-Tamil	21UTA1A1	Thamizhar Varalarum Panbadum	Teaching about the history of art, politics and culture of Tamils			✓
2021	B.LIT-Tamil	21UTA1A2	Nadaka tamil	Making you know the history of drama			✓
2021	B.LIT-Tamil	21UTA2C3	Nannul Sollathikaram	Teaching to write traditional Tamil phrases without error.		✓	
2021	B.LIT-Tamil	21UTA2C4	Nattuppuraviya	Ancient traditions Making students aware.			✓
2021	B.LIT-Tamil	21UTA1A2	Nadaka tamil	To know the history of literary Tamil criticism.		✓	
2021	B.LIT-Tamil	21UTA2A3	Ilakiyathiranaivu	Knowing the philosophy of life and social value.			✓
2021	B.LIT-Tamil	21UTA3C5	Yaparunkala karigai	Teaching Tamil Yappilakkanam			✓
2021	B.LIT-Tamil	21UTA3C6	Nambiagaporul Vilakam	Teaching the culture of the inner life of the ancients			✓
2021	B.LIT-Tamil	21UTA3A4	Tamil Ilakkiya varalaru	Announcing the Origin and Development of Tamil Literary Texts		✓	

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2021	B.LIT-Tamil	21UTA3A5	Ilakiyathil manidha urimai kotpadukal	Informing about human rights in contemporary literary genres			✓
2021	B.LIT-Tamil	21UTA3N1A	A) Ganthiya Sinthanaigal	Aware of non-violence principles		✓	
2021	B.LIT-Tamil	21UTA3N1B	B) Seidhi Sekarithalum Ezhudhudhalum	Educating students about news gathering domains. Teaching about news organizations.			✓
2021	B.LIT-Tamil	21UTA3N1C	C) Pani Thervu Tamil	Training for job writing			✓
2021	B.LIT-Tamil	21U3BT1	D) Basic Tamil - 1	Learning to read and write the Tamil language			✓
2021	B.LIT-Tamil	21U3ST1	E) Special Tamil -1	Teaching literary genres, folk art and novels			✓
2021	B.LIT-Tamil	21UTA5C9	Tholkappiyam – Sollathikaram	Awareness of the use of Tamil words.			✓
2021	B.LIT-Tamil	21UTA5C10	Samayaillakiyam	Introduction to religious literature.			✓
2021	B.LIT-Tamil	21UTA5C11	Kappiyam	Introducing Tamil epics.			✓
2021	B.LIT-Tamil	21UTA5C12	Sitrilakkiyam	Informing about the richness of Tamil literature.			✓
2021	B.LIT-Tamil	21UTA5M1A	Payanmurai Tamizh	Teaching the importance of Tamil language style.			✓
2021	B.LIT-Tamil	21UTA5M1B	Kalvetiyal	Teaching ancient Tamil history through inscriptions.			✓
2021	B.LIT-Tamil	21UTA5M1C	Payanpaatu tamil	Comprehension of the ability to communicate verbally.			✓
2021	B.LIT-Tamil	21UTA6C13	Tholkappiyam	Familiarize Yourself with The Ethics of			✓

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			Porulathikaram	Biology			
2021	B.LIT-Tamil	21UTA6C14	Sangailakkiyam Ettuthogai	Sangam Would Have Realized the Habits of The People Through Songs			✓
2021	B.LIT-Tamil	21UTA6C15	Padaipillakkiyam	Familiar With the Uniqueness Of Poetry And Drama			✓
2021	B.LIT-Tamil	21UTA6M2A	Ithazhiyal	Students Learn About the Art Of Journalism Related To Literature Making			✓
2021	B.LIT-Tamil	21UTA6M2B	Thakaval Thodarbu Kalai	Information About Communication Devices			✓
2021	B.LIT-Tamil	21UTA6M2C	Ilakiya Ithalkal	Teaching The Background Of Magazines Like Writing, Ka- sa- ta- tapara ,Vanambadi			✓
2021	B.LIT-Tamil	21UTA6M3A	Nattupura Kadhai Padalkal	Teaching Tamil Culture to The Students		✓	
2021	B.LIT-Tamil	21UTA6M3B	Ariviyal Tamil	Stimulation To Think and Act About Science Through Mother Tongue			✓
2021	B.LIT-Tamil	21UTA6M3C	Kanini Oor Arimugam	Encouragement To Know and Use the Website, Email Benefits			✓
2021	B.LIT-Tamil	21U6GS	Gender Studies	Teaching Women About Problems in The Community and Ways to Solve Them			✓
2021	B.A English	21U1EL1	English For Communication I	Student would have learnt the way of reading Prose			✓
2021	B.A English	21UEN1C1	Prose	Student would have learnt the importance of Reading skill			✓
2021	B.A English	21UEN1C2	Fiction	Student would have learnt the Way of reading with right pause and intonation			✓



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2021	B.A English	21UEN1A1	Social History of England - I	Students would have followed the concept and significance of nature in all age poetry.			✓
2021	B.A English	21UEN1A2	Comparative literature	Students would have understood how to relate sense and nonsense in literature.			✓
2021	B.A English	21U2EL2	English For Communication - II	Student would have better understanding on the concept of story			✓
2021	B.A English	21UEN2C3	Poetry - I	Students would have followed the concept and significance of nature in poetry.			✓
2021	B.A English	21UEN2C4	Drama I	The students would have understood the new concept of drama and its development			✓
2021	B.A English	21UEN1A2	Comparative literature	Students would be able to differentiate between canonical and the comparative literature.			✓
2021	B.A English	21UEN1A2	Social History Of England – II	The students would have understood the new concept of all types of movement and its development.			✓
2021	B.A English	21U3EL3	English Through Literature	Students would have learnt the values of spiritual refinement in human life through poetry.			✓
2021	B.A English	21UEN3C5	Poetry – II	The students would have understood the new literary form of poetry			✓
2021	B.A English	21UEN3C6	Drama – II	The students would have understood the new concept of drama and its development			✓

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2021	B.A English	21UEN34A	History Of English Literature – I	Students would have understood the aftermath of the movement and its impact on society			✓
2021	B.A English	21UEN3A5	Principles Of Literary Criticism	The students would have gained knowledge for analyzing critically a work of art.			✓
2021	B.A English	21UEN3N1A	Remedial English	Student would have learned critique and revise the use of both active and passive voices			✓
2021	B.A English	21UEN3N1B	Communication skills	Students would have learnt the importance of skills of writing reading, speaking, and listening.			✓
2021	B.A English	21UEN3N1C	English for Journalism	Students will able to write a variety of mass products			✓
2021	B.A English	21U4EL4	English Competitive Examination	Student acquires ability to recognize the need for continuing professional development.			✓
2021	B.A English	21UEN4C7	Canadian Literature	Student develops proficiency the skills of literary analysis			✓
2021	B.A English	21UEN4C8	Literary Forms	The students have familiarities themselves with the origin and development of the English language.			✓
2021	B.A English	21UEN3A5	Principles Of Literary Criticism	The students would have gained perception on the various important developments in the field of criticism.			✓
2021	B.A English	21UEN4A6	History Of English Literature - II	Students would have familiarized themselves with the origin and development of the English language.			✓

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2021	B.A English	21UEN4N2A	Presentation Skills	Students will be able to find, use, and evaluate primary academic writing associated with the communication discipline.			✓
2021	B.A English	21UEN4N2B	Effective Employability Skills	The student gains the ability to analyze a problem and to identify the appropriate computing requirement.			✓
2021	B.A English	21UEN4N2C	Functional English	Develop English language skills in listening, speaking, reading and writing by having learners engage in a range of communicative tasks and activities			✓
2021	B.A English	21UEN5C9	Shakespeare	The student will be able to gain an insight into the age of Shakespeare			✓
2021	B.A English	21UEN5C10	Indian Writing in English	Students would have been imbibed by the virtue of sacrifice, passions, integrity, tolerance and selflessness.			✓
2021	B.A English	21UEN5C11	American Literature	Emphasizes on the meaning and the significance of American Dream, then and now			✓
2021	B.A English	21UEN5C12	Developing Language Skills	Students would have learnt the importance of skills of writing, reading, speaking and listening.			✓
2021	B.A English	21UEN5M1A	Translation Theory And Practice	Become able to implement a rigorous scientific and methodological approach to a translation problem and thereby improve their service			✓
2021	B.A English	21UEN5M1B	English For Competitive Exam	The student gains the ability to analyze a problem and to identify the			✓

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				appropriate computing requirement.			
2021	B.A English	21UEN5M1C	Indian And European Classics In Translation	Broadens the origin of English education during British Empire in India.			✓
2021	B.A English	21UEN5S1A	Film Studies	Understand the relationship between film form and its historical and cultural contexts. Describe how a film offers a set of social			✓
2021	B.A English	21UEN5S1B	Basics Of The Theatrical Arts	Student able to practice collaborative skills in various theoretical contexts			✓
2021	B.A English	21UEN5S1C	Office Automation	The students will be able to perform documentation			✓
2021	B.A English	21UEN5S2A	Personality Development	Pronunciation, Voice Modulation, and Diction			✓
2021	B.A English	21UEN5S2B	Grammar And Usage	Student learns then basic rhetorical ability by completing texts for at least three different rhetorical situations, with each one written appropriately for the context			✓
2021	B.A English	21UEN5S2C	Leadership Skills	Student was able to apply theories of leadership to create an effective team environment in the workplace.			✓
2021	B.A English	21U5SS	Soft Skills	Communication – demonstrating clear briefing and listening skills, not being afraid to ask for help and support when necessary			✓
2021	B.A English	21UEN6C13	Commonwealth	Student learns problematize and define			✓

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			Literature	Commonwealth Literature			
2021	B.A English	21UEN6C14	Women's Writing in English	Students would have understood the gender equality and women's rights			✓
2021	B.A English	21UEN6C15	Language And Phonetics	Student understand and be able to apply some of the techniques available for analyzing words, morphemes, sentence constituents and sentence structure			✓
2021	B.A English	21UEN6M2A	Journalism And Mass Media	Students will understand and be able to apply relevant case law involving journalism, the First Amendment, and other mass media issues			✓
2021	B.A English	21UEN6M2B	English Language Teaching	To make the students know about techniques of English Language Teaching.			✓
2021	B.A English	21UEN6M2C	Introduction To Literary Criticism	The students would have gained perception on the various important developments in the field of criticism.			✓
2021	B.A English	21UEN6M3A	Written Communication	Students will be able to communicate effectively orally and in writing.			✓
2021	B.A English	21UEN6M3B	English For Tourism	Practice empathy and respect for diversity and multicultural perspectives			✓
2021	B.A English	21UEN6M3C	Media Studies	Student recognize and apply foundational historical context from the field of communication and media studies to an examination of the contemporary world.			✓
2021	B.Sc.,	21UMM1C1	Theory Of Equations	To impact the techniques available in		✓	

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	Mathematics		& Differential Calculus	the literature in solving the algebraic equations and calculus			
2021	B.Sc., Mathematics	21UMM1C2	Analytical Geometry 3d	To get a clear idea about geometrical figure namely sphere and good foundation in geometry		✓	
2021	B.Sc., Mathematics	21UMM2C3	Trigonometry & Vector Calculus	To get a clear idea about geometrical figure namely sphere and good foundation in geometry		✓	
2021	B.Sc., Mathematics	21UMM2C4	Integral Calculus	To get a clear idea about geometrical figure namely sphere and good foundation in geometry			✓
2021	B.Sc., Mathematics	21UMM3C5	Algebra And Fourier Series	To get a clear idea about geometrical figure namely sphere and good foundation in geometry		✓	
2021	B.Sc., Mathematics	21UMM3C6	Theory Of Numbers	To get a clear idea about geometrical figure namely sphere and good foundation in geometry		✓	
2021	B.Sc., Mathematics	21UMM3A4	Mathematical Statistics-I	To get a clear idea about geometrical figure namely sphere and good foundation in geometry		✓	
2021	B.Sc., Mathematics	21UMM3N1A	Quantitative Aptitude - I	To get a clear idea about geometrical figure namely sphere and good foundation in geometry	✓		
2021	B.Sc., Mathematics	21UMM3N1B	Operations Research	To introduce the various techniques of operations research and make the students solve real life problems in business and management		✓	
2021	B.Sc.,	21UMM3N1C	Statistics - I	To impact the techniques an available in		✓	

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	Mathematics			the literature in and good foundation in the concepts of statistics			
2021	B.Sc., Mathematics	21UMM4C7	Differential Equations And Laplace Transform	To impact the techniques an available in the literature in differential equations and transforms and good foundation in the concept of different equations			✓
2021	B.Sc., Mathematics	21UMM4C8	Sequence And Series	To lay a good foundation for classical analysis and study the behaviour of sequences and series			✓
2021	B.Sc., Mathematics	21UMM3A5P	Mathematical Statistics Practical	To train the students in solving statistical problems		✓	
2021	B.Sc., Mathematics	21UMM4A6	Mathematical Statistics - II	To learn the basic concepts of discrete continuous distribution and learn the test of significance		✓	
2021	B.Sc., Mathematics	21UMM4N2A	Quantitative Aptitude - II	To learn the problems solving techniques for aptitude problems and enable to students prepare themselves for various competitive examinations	✓		
2021	B.Sc., Mathematics	21UMM4N2B	Numerical Methods	To lay a good foundation for classical analysis and study the behaviour of sequences and series			✓
2021	B.Sc., Mathematics	21UMM4N2C	Statistics - II	To train the students in solving statistical problems	✓		
2021	B.Sc., Mathematics	21UMM5C9	Numerical Analysis	To learn the basic concepts of discrete continuous distribution and learn the test of significance			✓
2021	B.Sc., Mathematics	21UMM5C10	Abstract Algebra	To learn the problems solving techniques for aptitude problems and			✓

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				enable to students prepare themselves for various competitive examinations			
2021	B.Sc., Mathematics	21UMM5C11	Real Analysis	To lay a good foundation for classical analysis and study the behaviour of sequences and series			✓
2021	B.Sc., Mathematics	21UMM5C12	Statics	To provide the basic knowledge of equilibrium of a particle and develop a working knowledge to handle practical problems		✓	
2021	B.Sc., Mathematics	21UMM5M1A	Operations Research	To introduce the various techniques of operations research and the students solve real life problems in business and management		✓	
2021	B.Sc., Mathematics	21UMM5M1B	Stochastic Processes	To know probability and distributions functions understand the concept stochastic process, identify Markov chains, poisson process and birth and death process and know the concepts of queuing theory with some examples		✓	
2021	B.Sc., Mathematics	21UMM5M1C	Fuzzy Mathematics	To know the basic definitions of fuzzy set theory and fundamentals of fuzzy algebra		✓	
2021	B.Sc., Mathematics	21UMM5S1A	Quantitative Aptitude - I	To learn the problems solving techniques for aptitude problems and enable to students prepare themselves for various competitive examinations	✓		
2021	B.Sc., Mathematics	21UMM5S1B	Arithmetic And Mental Ability - I	To learn the problems solving techniques for aptitude problems and	✓		



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				enable to students prepare themselves for various competitive examinations			
2021	B.Sc., Mathematics	21UMM5S1C	General Aptitude For Competitive Examinations- I	To learn the problems solving techniques for aptitude problems and enable to students prepare themselves for various competitive examinations	✓		
2021	B.Sc., Mathematics	21UMM5S2A	Quantitative Aptitude - II	To learn the problems solving techniques for aptitude problems and enable to students prepare themselves for various competitive examinations	✓		
2021	B.Sc., Mathematics	21UMM5S2B	Arithmetic And Mental Ability - II	To learn the problems solving techniques for aptitude problems and enable to students prepare themselves for various competitive examinations	✓		
2021	B.Sc., Mathematics	21UMM5S2C	General Aptitude For Competitive Examinations- Ii	To learn the problems solving techniques for aptitude problems and enable to students prepare themselves for various competitive examinations	✓		
2021	B.Sc., Mathematics	21UMM6C13	Linear Algebra	To give the students a thorough			✓

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				knowledge of the various aspects of linear algebra and train the students in problems solving as a preparatory for competitive exams			
2021	B.Sc., Mathematics	21UMM6C14	Complex Analysis	To learn the various intrinsic concepts and the theory of complex analysis and study the concept of analyticity, complex integration and infinite products in depth			✓
2021	B.Sc., Mathematics	21UMM6C15	Dynamics	To provide a basic knowledge of the behaviour of objects in motion and develop a working knowledge to handle practical problems		✓	
2021	B.Sc., Mathematics	21UMM6M2A	Graph Theory	To introduce the notion of graph theory and its applications and learn the techniques of combinatorics in graph theory		✓	
2021	B.Sc., Mathematics	21UMM6M2B	Mathematical Modelling	To study the mathematical models through ode and difference equations and train the students to develop mathematical models in real life problems		✓	
2021	B.Sc., Mathematics	21UMM6M2C	Non-Linear Differential Equations	To study non-linear DE and its properties and study oscillation and		✓	

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				stability properties of the solutions			
2021	B.Sc., Mathematics	21UMM6M3A	Astronomy	The science which treats of the celestial bodies of their magnitudes motions distance periods of revolution,eclipses,constitution.		✓	
2021	B.Sc., Mathematics	21UMM6M3B	Design & Analysis Of Algorithms	To impart the students the knowledge of design and analysis of algorithms in computer science and study the complexity of algorithms		✓	
2021	B.Sc., Mathematics	21UMM6M3C	Financial Mathematics	To study financial mathematics through various models and study the various aspects of financial mathematics	✓		
2021	B.Sc.,(CS) & BCA	21UCS1A1/ 21UCA1A1	Algebra And Calculus	To learn the basic concepts in the integration			✓
2021	B.Sc.,(CS) & BCA	21UCS1A2/ 21UCA1A2	Numerical Analysis And Statistics	To train the students in the numerical problems			✓
2021	B.Sc., Chemistry	21UCH1A1A	Differential & Integral Calculus	To learn the basic need for the major concepts			✓
2021	B.Sc., Chemistry	21UCH1A2A	Analytical Geometry(3d) & Trigonometry	To learn the basic concepts of trigonometry		✓	
2021	BBA	21UBA1A2	Mathematics And Statistics For Managers	To students understand and the basic mathematical and statistical tools		✓	
2021	B.Sc., Physics	21UPH3A4	Calculus And Vector Analysis	To train the student in the basic integration		✓	
2021	B.Sc., Physics	21UPH3A5	Algebra , Analytical Geometry And	To learn the basic concepts of algebra and trigonometry		✓	

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			Trigonometry				
2021	B.Sc., Bio-Technology	21UBT3A5P	Lab In Bio Informatics & Bio Statistics	This part of the curriculum helps the students to understand the statistical approach of biology and its application in the biological field		✓	
2021	B.Sc., Micro Biology	21UMB3A4	Bio Statistics-I	This part of the curriculum helps the students to understand the statistical approach of biology and its application in the biological field			✓
2021	B.Sc., Micro Biology	21UMB3A5P	Lab In Bio Statistics - I	This part of the curriculum helps the students to understand the statistical approach of biology and its application in the biological field		✓	
2021	B.Sc., Physics	21UPH3A5	Algebra , Analytical Geometry And Trigonometry	To learn the basic concepts of algebra and trigonometry			✓
2021	B.Sc., Physics	21UPH4A6	Ode,LaplaceTransform And Fourier Series	To train the students in ODE and laplace transforms			✓
2021	BBA	21UBA4A6	Operations Research	To train the students to solve assignment problems transportation problems	✓		
2021	B.Sc., Micro Biology	21UMB4A6	Bio Statistics -II	This part of the curriculum helps the students to understand the statistical approach of biology and its application in the biological field	✓		
2021	B.Sc., Micro Biology	21UMB3A5P	Lab In Bio Statistics I	This part of the curriculum helps the students to understand the statistical approach of biology and its application	✓		

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				in the biological field			
2021	B.Sc., Bio-Technology	21UBT4A6	Bio Statistics	This part of the curriculum helps the students to understand the statistical approach of biology and its application in the biological field			✓
2021	B.Sc., Bio-Technology	21UBT3A5P	Lab In Bio Informatics & Bio Statistics	This part of the curriculum helps the students to understand the statistical approach of biology and its application in the biological field			✓
2021	B.Sc., Physics	21UPH1C1	Properties of Matter and Acoustics	To understand the fundamental of gravitation and study the concepts of elasticity, viscosity, surface tension and various methods and to apply the knowledge of ultrasonic and acoustics.		✓	
2021	B.Sc., Physics	21UPH1C2P	Major Practical -I (General)	To acquire the basic understanding of laboratory technique and to educate students in the field of physics.			✓
2021	B.Sc., Physics	21UPH2C3	Mechanics and Relativity	To understand the fundamental of mechanics, law of mechanics and apply the relativity theory.			✓
2021	B.Sc., Physics	21UPH2C4P	Major Practical -II (General)	To acquire basic understanding of laboratory technique and to educate students in the field of physics.		✓	
2021	B.Sc., Physics	21U2VED	Value Education	The aggregate of all process by means of which a person develops abilities and other forms of behavior of the positive values in the society in which he lives.			✓

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2021	B.Sc., Physics	21UPH3C5	Thermal Physics	Thermal physics is the combined study of thermodynamics, statistical mechanics, and kinetic theory of gases.		✓	
2021	B.Sc., Physics	21UPH3C6P	Major practical-III (General)	To motivate and educate the students to acquire skill in physics experiments.			✓
2021	B.Sc., Physics	21UPH3N1A	Basics in Astrophysics	To study about origin of universe and its expansion, star and solar system, earth and moon and components of telescopes.		✓	
2021	B.Sc., Physics	21UPH3N1B	Renewable Energy sources	To introduce the renewable energy sources and its applications.			✓
2021	B.Sc., Physics	21UPH3N1C	Laser Physics	To introduce the physical and engineering principles of laser operation and their applications.			✓
2021	B.Sc., Physics	21UPH4C7	Optics	To study of the geometrical optics, interference, diffraction, polarization and aberrations.		✓	
2021	B.Sc., Physics	21UPH4C8P	Major Practical – IV (General)	To motivate and educate the students to acquire skill in physics experiments.		✓	
2021	B.Sc., Physics	21UPH4N2A	Energy Physics	To make the students to understand the present day crisis need for conserving energy and alternatives are provided.			✓
2021	B.Sc., Physics	21UPH4N2B	Everyday Physics	To impart basic knowledge about everyday devices in home and office with their working principle.			✓
2021	B.Sc., Physics	21UPH4N2C	Basic Electronics	To acquire knowledge and apply it to various electronics instruments and to apply the in their day to day life.		✓	

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2021	B.Sc., Physics	21UPH5C9	Electricity and Magnetism	To study the nature of electrostatic laws of electrostatic and acquire knowledge about properties of dia, para and ferro magnetic materials and their importance.		✓	
2021	B.Sc., Physics	21UPH5C10	Atomic Physics	To study atom models and their importance , stucture and model of nucleus.			✓
2021	B.Sc., Physics	21UPH5C11	Analog Electronics	To study special semi conductor devices, circuit about the electronics and their uses.			✓
2021	B.Sc., Physics	21UPH5C12P	Major Practical – V (General)	To encourage scientific morale and tolearn physical concept through these experiments .		✓	
2021	B.Sc., Physics	21UPH5M1C	Opto Electronics and Fiber Optic Communication	To acquire knowledge about the principles and technology and optical communication systems.			✓
2021	B.Sc., Physics	21UPH5S1B	Instrumentation – I	To study the basic of instruments and their operations.		✓	
2021	B.Sc., Chemistry	21UCH1C1	General Chemistry-I	Understanding the fundamental concepts of Chemistry			✓
2021	B.Sc., Chemistry	21UCH1C2P	Volumetric Analysis Practicals	Learn the techniques of volumetric analysis		✓	
2021	B.Sc., Chemistry	21UCH2C3	General Chemistry-II	Know the basics of thermodynamics, kinetics & d -block and f-block elements			✓
2021	B.Sc., Chemistry	21UCH2C4P	Industrial Chemistry Practicals	Understand experimentally to calculate hardness of water and Iodine value			✓

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2021	B.Sc., Chemistry	21UCH3C5	General Chemistry-III	Learn about VB &MO theories in atomic structure concept, organometallic compounds			✓
2021	B.Sc., Chemistry	21UCH3C6P	Semi Micro Analysis Practicals	Analyze the cations and anions present in the given mixture			✓
2021	B.Sc., Chemistry	21UCH3N1A	A)Chemistry in Everyday Life	Learn the concept in agricultural chemistry & preservation in food chemistry		✓	
2021	B.Sc., Chemistry	21UCH3N1B	B)Agricultural Chemistry	Understand the types of fertilizers and their mechanism of action			✓
2021	B.Sc., Chemistry	21UCH3N1C	C)Health Chemistry	Know about the functions of enzymes,Hormones,&body fluids		✓	
2021	B.Sc., Chemistry	21UCH4C7	General Chemistry-IV	Know about the stereo chemistry , coordination compounds & properties of ideal and real solutions			✓
2021	B.Sc., Chemistry	21UCH4C8P	Physical Chemistry Practicals	Understand the method of determination molecular weight,CST,TT& potentiometric titrations			✓
2021	B.Sc., Chemistry	21UCH4N1A	A) Food and Nutrition	Learn about food adulterants& importance of balanced diet		✓	
2021	B.Sc., Chemistry	21UCH4N1B	B) Nanoscience and its Applications	Understand the fundamentals & current state of the art in nanotechnology			✓
2021	B.Sc., Chemistry	21UCH4N1C	C)Chemistry for Life Science	Learn the principles of analytical techniques		✓	
2021	B.Sc., Chemistry	21UCH5C9	Inorganic Chemistry-I	Study about the inter halogen compounds, peracids &theories of coordination chemistry			✓



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2021	B.Sc., Chemistry	21UCH5C11	Physical Chemistry-I	Know the basic principles of electromagnetic spectra such as IR,NMR,UV&RAMAN			✓
2021	B.Sc., Chemistry	21UCH5C12P	Organic Qualitative Analysis Practicals	Learn the method of preparation of different organic compounds			✓
2021	B.Sc., Chemistry	21UCH5M1A	A)Analytical Chemistry	Capacity to handle various chemicals in proper way& some separation techniques			✓
2021	B.Sc., Chemistry	21UCH5M1B	B)Material & NanoChemistry	Learn about carbon nano tubes & applications of nano material			✓
2021	B.Sc., Chemistry	21UCH5M1C	C)Importance of Bioinorganic Chemistry	Understand the various role in the living system & metalloenzymes			✓
2021	B.Sc., Chemistry	21UCH6C13	Organic Chemistry-II	Learn the chemistry of proteins and vitamins and synthetic drugs			✓
2021	B.Sc., Chemistry	21UCH6C14	Physical Chemistry-II	Understand the basic concept of quantum mechanics, electrochemistry and phase rule			✓
2021	B.Sc., Chemistry	21UCH6C15P	Gravimetric Analysis Practicals	Learn the techniques of gravimetric analysis		✓	
2021	B.Sc., Chemistry	21UCH6M2A	A)Nuclear and Industrial Chemistry	Learn the concept of radioactivity and fundamentals of nuclear chemistry			✓
2021	B.Sc., Chemistry	21UCH6M2B	B)Organometallic Chemistry	Understand the synthetic organometallic complexes			✓

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2021	B.Sc., Chemistry	21UCH6M2C	C)Essential Molecules for Life	Learn about carbohydrates, vitamins, enzymes & nucleic acid		✓	
2021	B.Sc., Chemistry	21UCH6M3A	A) Polymer Chemistry	Know the chemistry of polymers and its preparations			✓
2021	B.Sc., Chemistry	21UCH6M3B	B)Pharmaceutical Chemistry	Study the principles and functioning of drugs			✓
2021	B.Sc., Chemistry	21UCH6M3C	C)Photochemistry and Radiation Chemistry	Understand the fundamentals of photochemistry		✓	
2021	B.Sc., Bio-Chemistry	21UBC1A1	Inorganic, Organic And Physical Chemistry-I	Understanding the fundamental concept of electron displacement effects		✓	
2021	B.Sc., Bio-Chemistry	21UBC1A2P	Lab In Volumetric And Organic Qualitative Analysis	Know about volumetric and organic qualitative analysis			✓
2021	B.Sc., Bio-Chemistry	21UBC2A3	Inorganic, Organic And Physical Chemistry-II	Able to learn types of bonding, chemistry of colloids			✓
2021	B.Sc., Physics	21UPH1A1	General Chemistry-I	Understanding the fundamental concepts of Chemical equilibrium and chemical kinetics		✓	
2021	B.Sc., Physics	21UPH1A2P	Volumetric And Organic Qualitative Analysis	Capacity to carry out volumetric and organic qualitative analysis			✓
2021	B.Sc., Physics	21UPH2A3	General Chemistry-II	Able to explain types of bonding, heterocyclic compounds			✓
2021	B.Sc., Biotechnology	21UBT1C1	Cell biology	provides the strong foundation in the molecular mechanisms underlying cellular function.			✓

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2021	B.Sc., Biotechnology	21UBT1C2P	Lab in cell biology	Diverse genetic and biochemical tools to understand mechanisms of nutrient sensing and nuclear-cytoplasmic regulation			✓
2021	B.Sc., Biotechnology	21UBT1A1	Biochemistry	The study of the chemical substances and vital processes occurring in live organisms			✓
2021	B.Sc., Biotechnology	21UBT1A2P	Lab in Biochemistry and Immunology	Provides qualitative and quantitative analysis of biological fluids such as blood, serum or plasma, urine, or tissues for specific chemical constituents or physiologic processes.			✓
2021	B.Sc., Biotechnology	21U1EVS	Environmental studies	A multidisciplinary academic field which systematically studies human interaction with the environment			✓
2021	B.Sc., Biotechnology	21UBT2C3	Microbiology	The study of Microscopy, Microbiology Techniques, Microbial growth and nutritional requirements of microbes in environment			✓
2021	B.Sc., Biotechnology	21UBT2C4P	Lab in Microbiology	A laboratory devoted to the culturing, examination, and identification of microorganisms including bacteria, fungi, yeasts, etc.			✓
2021	B.Sc., Biotechnology	21UBT2A3	Immunology	A branch of biology and medicine that covers the study of immune systems in all organisms.			✓
2021	B.Sc., Biotechnology	21U2VED	Value education	The process by which people give moral values to each other			✓

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2021	B.Sc., Biotechnology	21UBT3C5	Principles of Genetics and Molecular Biology	Genetics is a branch of biology concerned with the study of genes, genetic variation, and heredity in organisms. The study of the structures and functions of macromolecules such as nucleic acids and proteins			✓
2021	B.Sc., Biotechnology	21UBT3C6P	Lab in Genetics and Molecular biology	Study various molecular techniques, to know the basic process of DNA replication, transcription & translation and to know isolation, restriction of DNA			✓
2021	B.Sc., Biotechnology	21UBT3A4	Basics of Bioinformatics	Bioinformatics is the use of computational approach to analyze, manage and store biological data			✓
2021	B.Sc., Biotechnology	21UBT3A5P	Lab in Bioinformatics and Biostatistics	Interdisciplinary field that develops methods and software tools for understanding biological data, in particular when the data sets are large and complex			✓
2021	B.Sc., Biotechnology	21UBT3N1A	A) Basics of Biotechnology	The use of an organism, or a component of an organism or other biological system, to make a product or process.			✓
2021	B.Sc., Biotechnology	21UBT3N1B	B) Health care Biotechnology	A medicinal or diagnostic product or a vaccine that consists of, or has been produced in, living organisms and may be manufactured via recombinant technology			✓
2021	B.Sc.,	21UBT3N1C	C) Process	Dynamic processes and the engineering			✓

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	Biotechnology		Instrumentation Dynamic and control	tasks of process operations and control			
2021	B.Sc., Biotechnology	21UBT4C7	Recombinant DNA technology	A transgenic, or genetically modified, organism is one that has been altered through recombinant DNA technology, which involves either the combining of DNA from different genomes or the insertion of foreign DNA into a genome			✓
2021	B.Sc., Biotechnology	21UBT4C8P	Lab in Recombinant DNA technology	DNA molecules formed by laboratory methods of genetic recombination (such as molecular cloning) that bring together genetic material from multiple sources, creating sequences that would not otherwise be found in the genome			✓
2021	B.Sc., Biotechnology	21UBT4A6	Biostatistics	The application of statistical techniques to scientific research in health-related fields, including medicine, biology, and public health, and the development of new tools to study these areas.			✓
2021	B.Sc., Biotechnology	21UBT4N2A	A) Agricultural Biotechnology	An area of agricultural science involving the use of scientific tools and techniques, including genetic engineering, molecular markers, molecular diagnostics, vaccines, and tissue culture, to modify living organisms: plants, animals, and microorganisms			✓
2021	B.Sc.,	21UBT4N2B	B) Solid Waste	The process of collecting and treating			✓

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	Biotechnology		Management	solid wastes			
2021	B.Sc., Biotechnology	21UBT4N2C	C) Industrial waste Management.	Includes segregation, land application (composting), landfill, and recycling of waste			✓
2021	B.Sc., Biotechnology	21UBT5C9	Forensic Biotechnology	Forensic analysis of biological evidence using biotechnology methods is increasingly important in criminal investigations			✓
2021	B.Sc., Biotechnology	21UBT5C10	Animal Biotechnology	The goal is to make products, to improve animals and to develop microorganisms for specific agricultural uses.			✓
2021	B.Sc., Biotechnology	21UBT5C11	Plant Biotechnology	The use of tissue culture and genetic engineering techniques to produce genetically modified plants that exhibit new or improved desirable characteristics			✓
2021	B.Sc., Biotechnology	21UBT5C12P	Lab in FBT, ABT and PBT	Provide comprehensive hands-on training on techniques of molecular biology and genetic engineering. Plant biotechnology (PBT) encompasses a multitude of scientific tools and techniques for screening and genetic manipulation of plants to develop beneficial or useful plant/plant products			✓
2021	B.Sc., Biotechnology	21UBT5M1A	A) Bioinstruments	This subject deals with the application of instrumental methods in qualitative and quantitative analysis of drugs			✓

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2021	B.Sc., Biotechnology	21UBT5M1B	B) Marine Biotechnology	Ocean exploration for development of new pharmaceutical drugs, chemical products, enzymes, and other products and processes			✓
2021	B.Sc., Biotechnology	21UBT5M1C	C) Molecular Modeling and drug design	The use of molecular dynamics simulation (MD) has created a paradigm in drug discovery for decades			✓
2021	B.Sc., Biotechnology	21UBT5S1A	A) Ethnomedicine	A study or comparison of the traditional medicine based on bioactive compounds in plants and animals and practiced by various ethnic groups, especially those with little access to western medicines			✓
2021	B.Sc., Biotechnology	21UBT5S1B	B) Phytochemical Technique	Individual chemicals from which the plants are made and plants are the key sources of raw material for both pharmaceutical and aromatic industries			✓
2021	B.Sc., Biotechnology	21UBT5S1C	C) Herbs and Drug action.	The use of plants to treat disease and enhance general health and wellbeing			✓
2021	B.Sc., Biotechnology	21UBT5S2A	A) Pharmacognosy	The study of plants and other natural substances as possible sources of drugs			✓
2021	B.Sc., Biotechnology	21UBT5S2B	B) Plant Hormones and Signal transduction	Hormone signals are integrated at the gene-network level rather than by cross-talk during signal transduction.			✓
2021	B.Sc., Biotechnology	21UBT5S2C	C) Biobusiness	Commercial activity based on an understanding of life sciences and life science processes			✓
2021	B.Sc.,	21U5SS	Soft Skill development	Refer to both interpersonal skills and			✓

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	Biotechnology			character traits that elucidate how a person can work and interact with others.			
2021	B.Sc., Biotechnology	21UBT6C13	Industrial Biotechnology	The industrial application of biological processes involving living cells or their components to effect desired transformation of substrates			✓
2021	B.Sc., Biotechnology	21UBT6C14	Environmental Biotechnology	Applied to and used to study the natural environment & imply that one try to harness biological process for commercial uses and exploitation.			✓
2021	B.Sc., Biotechnology	21UBT6C15P	Lab in IBT and EBT	Involves the combination of living matter (whole organism or enzymes ) with nutrients under laboratory conditions to make a desired product & the metabolic capability of microorganisms to reverse and prevent environmental problems.			✓
2021	B.Sc., Biotechnology	21UBT6M2A	A)Industrial Fermentation Technology	The industrial application of biological processes involving living cells or their components to effect desired transformation of substrates			✓
2021	B.Sc., Biotechnology	21UBT6M2B	B) Food and beverage Fermentation technology	A food processing technology that utilizes the growth and metabolic activity of microorganisms for the stabilization and transformation of food materials			✓
2021	B.Sc.,	21UBT6M2C	C) Bioresources	Considered as life generated materials			✓



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	Biotechnology		Technology	and processes that are naturally and sustainably renewable and biodegradable			
2021	B.Sc., Biotechnology	21UBT6M3A	A) Metabolic Biotechnology	The intentional modification of cellular metabolism for the production of desired compounds			✓
2021	B.Sc., Biotechnology	21UBT6M3B	B) Pharmaceutical Biotechnology	A relatively new and growing field in which the principles of biotechnology are applied to the development of drugs.			✓
2021	B.Sc., Biotechnology	21UBT6M3C	C) Bioconjugate Technology & Applications	A chemical strategy to form a stable covalent link between two molecules, at least one of which is a biomolecule			✓
2021	B.Sc., Biotechnology	21U6GS	Gender studies	An interdisciplinary academic field devoted to analysing gender identity and gendered representation			✓
2021	B.Sc., Biochemistry	21UBC1C1	Biomolecules	To understand the basis of chemical structure and function of various biomolecules found in living systems			✓
2021	B.Sc., Biochemistry	21UBC1C2P	Lab in Biomolecules	To understand principles, theory and calculations of each experiment and gain hands on preparation of all the solutions and to standardize solutions individually.			✓
2021	B.Sc., Biochemistry	21UBC1A1	Inorganic, Organic and Physical Chemistry-I	Provide knowledge about inorganic organic and physical chemistry			✓
2021	B.Sc., Biochemistry	21UBC1A2P	Lab in Volumetric and organic qualitative analysis	Provide knowledge about qualitative and quantitative analysis			✓

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2021	B.Sc., Biochemistry	21UBC2C3	Human Physiology	To understand fundamental mechanisms underlying normal function of cells, Tissues, organs, and organ systems of the human body			✓
2021	B.Sc., Biochemistry	21UBC2C4P	Lab in Human Physiology	To Understand the Physiological concepts of homeostasis and control mechanisms and to study the functions of body systems- with emphasis on clinical relevance			✓
2021	B.Sc., Biochemistry	21UBC1A2P	Lab in Volumetric and organic qualitative analysis	evaluate effects of atomic properties on acidity and basicity. relate structure of molecule with strength of acidity and basicity			✓
2021	B.Sc., Biochemistry	21UBC2A3	Inorganic, Organic and Physical Chemistry-II	The majority will have done so because someone ( <i>i.e.</i> the University Calendar) has listed this course as a necessary pre-requisite for some other course which is much closer to your main professional career interest,			✓
2021	B.Sc., Biochemistry	21U2VED	Value education	They are namely sensitivity, punctuality, neatness, scientific attitude, dignity of labour, sportsmanship, equality, brotherhood, patriotism, secularism, cooperation, tolerance, respect for elder, non-violence, national integrity, universal brotherhood.	✓		
2021	B.Sc., Biochemistry	21UBC3C5	Biochemical techniques	To enable the students to have a deep knowledge on the techniques for			✓

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				measurement of biophysical factors in living organisms.			
2021	B.Sc., Biochemistry	21UBC3C6P	Lab in Biochemical techniques	To study the techniques used in understanding the biological process 2. To understand the principle and application of Bioinstrumentation.			✓
2021	B.Sc., Biochemistry	21UBC3A4	Microbiology-I	s to introduce basic principles and application relevance of clinical disease.			✓
2021	B.Sc., Biochemistry	21UBC3A5P	Lab in Microbiology	The objectives of the Microbiology are to introduce basic principles and application relevance of clinical disease for students. It covers all biology of bacteria, viruses and other pathogens related with infectious diseases in humans			✓
2021	B.Sc., Biochemistry	21UBC3N1A	Health and Nutrition	To introduce Body development and maintenance, Energy provisio			✓
2021	B.Sc., Biochemistry	21UBC3N1B	Nutrition for Women	Understand the role of nutrition in different stages of life cycle. 2. Gain experience in Planning menu for different stages			✓
2021	B.Sc., Biochemistry	21UBC3N1C	Nanomedicine	Nanotechnology, along with related concepts such as nanomaterials, nanostructures and nanoparticles, has become a priority area for scientific research and technological development			✓
2021	B.Sc., Biochemistry	21UBC4C7	Enzyme	To acquire fundamental knowledge on enzymes and their importance in			✓

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				biological reactions. 2. To understand ability to difference between a chemical catalyst and biocatalyst. 3. Exposure to the concept of activation energy and its importance in biological reactions			
2021	B.Sc., Biochemistry	21UBC4C8P	Lab in Enzymes Analysis	To assay the activity of enzymes from different sources.			✓
2021	B.Sc., Biochemistry	21UBC3A5P	Lab in Microbiology	The overarching goals for the laboratory portion of this course are to teach microbiological techniques and to show students the impact of microbes on our daily lives and their central roles in nature.			✓
2021	B.Sc., Biochemistry	21UBC4A6	Microbiology –II	food microbiology and interaction between microorganism and foods and how food spoilage will be study			✓
2021	B.Sc., Biochemistry	21UBC4N2C	Health and Disease	To understand the biochemistry and disorders of various diseases commonly affecting human being			✓
2021	B.Sc., Biochemistry	21UBC5C9	Bioenergetics and Metabolism	To understand the energy transformation and metabolic pathways in living organism			✓
2021	B.Sc., Biochemistry	21UBC5C10	Genetics& Computational Biology	To identify and describe the process and purposes of the cell cycle, meiosis, and mitosis, as well as predict the outcomes of these processes			✓
2021	B.Sc., Biochemistry	21UBC5C11	Cell & Molecular Biology	To acquire basic fundamental knowledge and explore skills in			✓

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				molecular biology and become aware of the complexity and harmony of the cells.			
2021	B.Sc., Biochemistry	21UBC5C12P	Lab in Cell & Molecular Biology	To introduce students to various practical aspects of Molecular biology Practical:			✓
2021	B.Sc., Biochemistry	21UBC5M1A	Plant Biochemistry	To know the Introduction to Plant cells and metabolic process			✓
2021	B.Sc., Biochemistry	21UBC5M1B	Neurobiology	The objectives of the students who wish to focus on or emphasize neuroscience in their course of study at CNS			✓
2021	B.Sc., Biochemistry	21UBC5M1C	Drug biology	To learn about various drugs. and To identify risk factors and protective factors associated with substance abuse			✓
2021	B.Sc., Biochemistry	21UBC5S1A	Tools of Biochemistry	Learn and integrate foundational material in Chemistry, Biology and Biochemistry that is relevant to Biochemistry and prepares students for careers and post baccalaurea			✓
2021	B.Sc., Biochemistry	21UBC5S1B	Herbs and Drug action	To raise awareness of issues in herbal and traditional medicine s_ safety and pharmacovigilance among relevant organisations, including those representing patient groups, healthcare providers, medicines information providers, media and others			✓
2021	B.Sc., Biochemistry	21UBC5S1C	Ethnomedicine	To document traditional medicinal plants knowledge used in treating skin			✓

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				diseases .			
2021	B.Sc., Biochemistry	21UBC5S2A	Nanotechnology	The course aims at introducing students to the nanotechnology as a new emerging field spanning specifically on physics and generally on the other branches of science. The objective tasks are performed through discussing the concepts of nanotechnology			✓
2021	B.Sc., Biochemistry	21UBC5S2B	Pharmacognosy	To describe the development of a pharmacognosy course that uses a combination of didactic teaching, team-based projects, and practicum laboratory practice.			✓
2021	B.Sc., Biochemistry	21UBC5S2C	Cardiovascular biology	Recognize the key importance of medical problems in the context in the health priority of the country; • Practice the specialty of cardiology in keeping with the principles of professional ethics			✓
2021	B.Sc., Biochemistry	21U5SS	Soft Skill development	Improve soft skills of the students			✓
2021	B.Sc., Biochemistry	21UBC6C13	Clinical Biochemistry	To know the clinical aspects of various metabolic disorder 2. To understand the significance of diagnostic biochemistry			✓
2021	B.Sc., Biochemistry	21UBC6C14	Immunology	To study about immune response and immunological techniques			✓
2021	B.Sc., Biochemistry	21UBC6C15P	Lab in Clinical Biochemistry	To impart thorough knowledge about the biochemical basis of various Diseases and isorders.			✓

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2021	B.Sc., Biochemistry	21UBC6M2A	Pharmaceutical Biochemistry	To make a detailed study about action of drugs on living system			✓
2021	B.Sc., Biochemistry	21UBC6M2B	Cancer biology	To study about allow for greater precision, personalization and efficacy of care when diagnosing and treating patients with cancer			✓
2021	B.Sc., Biochemistry	21UBC6M2C	Biomedical instrumentation	Biomedical instrumentation provide the students about medical imaging, biomedical signal processing, rehabilitation and biomaterial			✓
2021	B.Sc., Biochemistry	21UBC6M3A	Advanced Endocrinology	Clinical endocrinology plays a vital role in clinical Biochemistry and Metabolism			✓
2021	B.Sc., Biochemistry	21UBC6M3B	Nutritional Biochemistry	The course is an introduction to nutritional biochemistry. The students will learn how nutrients effect biochemical processes and signal transduction , and how this can lead to development of nutritionally related diseases			✓
2021	B.Sc., Biochemistry	21UBC6M3C	Fundamental of Genetics	Genome characteristic basic organization ii. understand the structure of Prokaryotic and Eukaryotic chromosomes			✓
2021	B.Sc., Biochemistry	21U6GS	Gender studies	To provide basic information	✓		
2021	B.Sc., Microbiology	21UMB1C1	Fundamentals of Microbiology	Provides the study of microscopic organisms, those being unicellular	✓		

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				(single cell), multicellular (cell colony), or acellular (lacking cells)			
2021	B.Sc., Microbiology	21UMB2C3	Microbial Physiology	Provides an intensive course with the goal of integrating biochemistry and genetics to enhance the understanding of the microbial cell and the robust and diverse nature of life.		✓	
2021	B.Sc., Microbiology	21U2VED	Value Education	Aims at fostering students' positive values and attitudes through the learning and teaching of various Key Learning Areas/subjects and the provision of relevant learning experiences.		✓	
2021	B.Sc., Microbiology	21UMB3C5	Immunology and Immunotechnology	Provides the study of the tissues, cells and molecules involved in host defense mechanisms and also aims at the study of the tissues, cells and molecules involved in host defense mechanisms			✓
2021	B.Sc., Microbiology	21UMB3N1A	Vermi Culture	Provides study on the the cultivation of annelid worms (such as earthworms or bloodworms) especially for use as bait or in composting			✓
2021	B.Sc., Microbiology	21UMB3N1B	Mushroom Technology	Aims in the study of Mushroom cultivation which is one of the most significant agribusinesses in the world			✓
2021	B.Sc., Microbiology	21UMB3N1C	Biofertilizer Technology	To exploit the microbial diversity in various agro-ecologies for biofertilizer application in diversified systems			✓
2021	B.Sc.,	21UMB4C7	Clinical Microbiology	Focuses on the isolation and			✓



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	Microbiology			characterization of infectious organisms so they can be managed and treated in patients.			
2021	B.Sc., Microbiology	21UMB4N2A	Microbial metabolites	Provides a driving force behind the development and maintenance of the planet's biosphere.			✓
2021	B.Sc., Microbiology	21UMB4N2B	Social and preventive medicine	Concerned with the measures taken to prevent diseases and promote health.a			✓
2021	B.Sc., Microbiology	21UMB4N2C	Microbial Nutrition	Aims in the study of nutrients which are necessary for microbial growth and play a vital role in the proper cultivation of microorganisms in the laboratory and for proper growth in their natural environments.		✓	
2021	B.Sc., Microbiology	21UMB5C9	Agricultural and environmental Microbiology	Provides a study of microorganisms in the environment and dealing with plant-associated microbes and plant and animal diseases			✓
2021	B.Sc., Microbiology	21UMB5C10	Industrial microbiology	Involves the utilization of microorganisms in the production of a wide range of products, including enzymes, foods, beverages, chemical feedstocks, fuels and pharmaceuticals, and clean technologies employed for waste treatment and pollution control.			✓
2021	B.Sc., Microbiology	21UMB5C11	Food and Dairy Microbiology	Provides basic aspects of microbiology of various microorganisms associated with fluid milk and milk products, the		✓	

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				effect of processing steps on the growth and survival of these microorganisms, defects associated with various types of microorganism and their control measures			
2021	B.Sc., Microbiology	21UMB5M1A	Clinical Research	Deals with research part to assess the scope of the potential treatment methods for human being including medication, a device, a diagnostic product.			✓
2021	B.Sc., Microbiology	21UMB5M1B	Marine microbiology	Provides with a basic theoretical and practical understanding of the interactions between microorganisms and ocean processes and discuss their future role in a rapidly changing planet			✓
2021	B.Sc., Microbiology	21UMB5M1C	Virology	Provides the study of viruses and virus-like agents, including, but not limited to, their taxonomy, disease-producing properties, cultivation, and genetics			✓
2021	B.Sc., Microbiology	21UMB5S1A	Pharmacognosy	Provides the study of plants and other natural sources as a possible source of new and natural drugs			✓
2021	B.Sc., Microbiology	21UMB5S1B	Clinical lab Technology	Deals with biochemical, pathological, and microscopic examination of cells, tissues, and fluids of the body			✓
2021	B.Sc., Microbiology	21UMB5S1C	Diagnostic Microbiology	Concentrate on the detection and identification of infectious agents in the clinical laboratory, followed by determination of susceptibility to			✓

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				antimicrobial agents.			
2021	B.Sc., Microbiology	21UMB5S2A	Cell biology	Focus on the aspects of biological sciences such as biochemistry and molecular biology to explore the structure and function of cells			✓
2021	B.Sc., Microbiology	21UMB5S2B	Endocrinology	Aims in the study of the medical aspects of hormones, including diseases and conditions associated with hormonal imbalance, damage to the glands that make hormones, or the use of synthetic or natural hormonal drugs.		✓	
2021	B.Sc., Microbiology	21UMB5S2C	Principles of Bioinstrumentation	Involves the fundamental theory, design and operational principles of biomedical instrumentation and measurement systems applied to biomedical applications		✓	
2021	B.Sc., Microbiology	21U5SS	Soft Skill Development	Focus to develop a wide variety of soft skills starting from communication, to working in different environments, developing emotional sensitivity, learning creative and critical decision making, developing awareness of how to work with and negotiate with people and to resolve stress and conflict ..	✓		
2021	B.Sc., Microbiology	21UMB6C13	Microbial Genetics	Provides powerful tools for deciphering the regulation, as well as the functional and pathway organization, of cellular processes.		✓	

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2021	B.Sc., Microbiology	21UMB6C14	Molecular biology	Emphasizes the unifying principles and mechanisms of molecular biology, with frequent use of tables and boxes to summarise experimental data and gene and protein functions.			✓
2021	B.Sc., Microbiology	21UMB6M2A	Forensic Biology	Provides study of biology and earth science by engaging in investigations of how scientific evidence is used to solve crimes.			✓
2021	B.Sc., Microbiology	21UMB6M2B	Mycology	Aims in the study of fungi, including their genetic and biochemical properties, their taxonomy and their use to humans as a source for tinder, traditional medicine, food, and entheogens, as well as their dangers, such as toxicity or infection.			✓
2021	B.Sc., Microbiology	21UMB6M2C	rDNA Technology	Provides theoretical bases to properties and applications of versatile DNA modifying enzymes, cloning strategies, vector types, host genotype specificities for selection and screening of recombinants and/or recombinant transformants			✓
2021	B.Sc., Microbiology	21UMB6M3A	Genetic Engineering	Deals with the manipulation of DNA and genes of an organism through Biotechnology in order to alter or modify a certain characteristic of an organism.			✓

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2021	B.Sc., Microbiology	21UMB6M3B	Microbial Technology	Focus on the applied aspects of microbiology in various specialized areas of science and technology such as industry, agriculture, and medicine.			✓
2021	B.Sc., Microbiology	21UMB6M3C	Microbial Taxonomy and bioinformatics	Taxonomy provides a consistent means to classify, name, and identify organisms and provides information about the new functional genes, microbial processes, antibiotic resistance genes, and functional abnormalities of microbial groups can be recognized by functional metagenomics.			✓
2021	B.Sc., Microbiology	21U6GS	Gender Studies	Explains Gender and Women's Studies examines issues pertinent to women's lives in the present and the past from an economic, political, social, and cultural perspective, with particular attention to how race, ethnicity, class, and sexual orientation have defined their experiences.		✓	
2021	B.Sc., Computer Science	21UCS1C1	Basic Computer Concepts	Understanding the fundamental concepts of Computer	✓		
2021	B.Sc., Computer Science	21UCS1C2P	Computer Basics and Animation Lab	Allows the users to apply knowledge in the field of bank, Management Information System, Public Sector Organizations, Front Office, etc.		✓	

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2021	B.Sc., Computer Science	21UCS2C3	Programming in C Language	To compete with global level embedded products/devices/ applications and their software relatedness are analyzed, programmed in a better manner		✓	
2021	B.Sc., Computer Science	21UCS2C4P	Programming in C Lab	Allow the user to build a small application module			✓
2021	B.Sc., Computer Science	21UCS3C5	Programming in C++	From small sector to large organization, data need to be organized in a right manner and to improve the efficiency of the data, as well as rapidness C++ programming plays a vital role		✓	
2021	B.Sc., Computer Science	21UCS3C6P	Programming in C++ Lab	Allow the user to build a small application module			✓
2021	B.Sc., Computer Science	21UCS4C7	Java Programming	Java Platform is a collection of programs that help programmers to develop and run Java programming applications efficiently. It includes an execution engine, a compiler, and a set of libraries in it.		✓	
2021	B.Sc., Computer Science	21UCS4C8P	Java Programming Lab	Allow the user to build a small application module		✓	
2021	B.Sc., Computer Science	21UCS5C9	Data Base Management System	Acquaint practical knowledge about creating and manipulating data in database		✓	
2021	B.Sc.,	21UCS5C10P	RDBMS Lab	It allows user to create, update data in	✓		

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	Computer Science			relational database.			
2021	B.Sc., Computer Science	21UCS5C11	Operating System	It interfaces between a computer user and computer hardware. An operating system is a software which performs all the basic tasks like file management, memory management, process management, handling input and output		✓	
2021	B.Sc., Computer Science	21UCS5C12	Data Structure and Algorithm	Everywhere data is generated in a huge amount. To manage those data in efficiently there is need of appropriate algorithm to handle it. In real life we apply the data structure everywhere in every time.			✓
2021	B.Sc., Computer Science	21UCS5M1A	Cryptography	The main goal is user authentication, data authentication such as integrity and authentication, non-repudiation of origin, and confidentiality		✓	
2021	B.Sc., Computer Science	21UCS5M1B	Computer Graphics and Multimedia	Multiple media are implemented and used in computer based application to enhance their understanding ability before a common man. This multiple media include, text, sound, video, graphics animation etc.	✓		
2021	B.Sc., Computer Science	21UCS5M1C	Fundamentals of Software Engineering	Giving an exposure to the students in various trends of retail business.	✓		
2021	B.Sc.,	21UCS5S1A	Page Maker	PageMaker was the fact standard in the	✓		

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	Computer Science			graphics arts industry for many years for creating ads, brochures, newsletters and books of all sizes and kinds.			
2021	B.Sc., Computer Science	21UCS5S1B	Corel Draw	It gives a drawing program for windows in which we can create professional artwork like Logos, all types of Cards, Calendar, Stationery, Magazines, Books etc		✓	
2021	B.Sc., Computer Science	21UCS5S1C	Flash	Able to create vector graphics-based animation programs with full-screen navigation interfaces, graphic illustrations, and simple interactivity in an resizable file format that is small enough to stream across a normal modem connection.		✓	
2021	B.Sc., Computer Science	21UCS5S2A	Dream Weaver	Comprehend the E-Commerce and its Concepts		✓	
2021	B.Sc., Computer Science	21UCS5S2B	Illustrator	Lets you capture your creative vision with shapes, color, effects, and typography.	✓		
2021	B.Sc., Computer Science	21UCS5S2C	Indesign	Giving desktop publishing and page layout designing. It can be used to create works such as posters, flyers, brochures, magazines, newspapers, presentations, books and ebooks.			✓
2021	B.Sc.,	21U5SS	Soft Skill	Enable training that focuses on		✓	



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	Computer Science		Development	developing skills such as communication, teamwork and problem solving. Other soft skills include emotional intelligence, a positive attitude and taking the initiative.			
2021	B.Sc., Computer Science	21UCS6C13	Php Scripting Language	Language that supports scripts. PHP is Scripting language because we can embed php code into HTML.			✓
2021	B.Sc., Computer Science	21UCS6C14P	Php Lab	Allow the user to create a dynamic web content using Php			✓
2021	B.Sc., Computer Science	21UCS6C15	Networking	Helps to promote national and international communication networks, ISDN, Network management, promoting existing and innovative communication concepts both in developing and developed countries		✓	
2021	B.Sc., Computer Science	21UCS6M2A	Digital Computer Fundamentals & Microprocessor	Gives details about Microprocessor. The digital computer is a set of logic devices that perform an algorithm on data calculation and a wide range of other functions.		✓	
2021	B.Sc., Computer Science	21UCS6M2B	Dot Net Concepts	That enables developers to rapidly build wide variety of applications that runs on windows operating system like web applications, windows applications, console applications, web services etc.			✓
2021	B.Sc.,	21UCS6M2C	Linux Administration	To demonstrate the process, memory,		✓	

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	Computer Science			file and directory management issues under the UNIX/ LINUX operating system			
2021	B.Sc., Computer Science	21UCS6M3PW	Mini Project (in-house project)	A mini project is an assignment that you try to complete at the end of every semester , strengthen the understanding of your fundamentals through effective application of theoretical concepts.			✓
2021	B.Sc., Computer Science	21UCS6M3P1	LINUX LAB	To demonstrate the process, memory, file and directory management issues under the UNIX/ LINUX operating system		✓	
2021	B.Sc., Computer Science	21UCS6M3P2	Multimedia Lab	Multimedia makes easier to deliver what you want to say & allows to build animation, music, video and more tools		✓	
2021	B.Sc., Computer Science	21U6GS	Gender Studies	Gender studies is an interdisciplinary academic field devoted to analysing gender identity and gendered representation.			✓
2021	BCA	21UCA1C1	C Programming	To impart basic knowledge of Programming Skills in C language.			✓
2021	BCA	21UCA1C2P	C Lab	Identify the basic terminologies of C programming by using different data types, decision structures, loops and functions.			✓
2021	BCA	21UCA2C3	Programming in C++	Identify the role of inheritance, polymorphism, dynamic binding and generic structures in building reusable			✓

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				codes.			
2021	BCA	21UCA2C4P	Programming in C++ Lab	Identify object oriented programming paradigm and the importance of it in software development.			✓
2021	BCA	21UCA3C5	Java programming	Recognize design of java class & solve basic design problems using object oriented concepts			✓
2021	BCA	21UCA3C6P	Java programming Lab	Identify the logic for the given problem, recognize and understand the syntax and construction JAVA			✓
2021	BCA	21UCA3N1A	Working Principles of Internet	Understand internet's underlying architecture			✓
2021	BCA	21UCA3N1B	Fundamentals Of Information Technology	Understand basic concepts and terminology of information technology, digital computers			✓
2021	BCA	21UCA3NIC	Basics of computer programming	To impart fundamental concepts in the area of mobile computing, to provide a computersystem			✓
2021	BCA	21UCA4C7	PHP	Understand basic concepts terminology of php code and produce array string			✓
2021	BCA	21UCA4C8P	PHP Lab	Understand basic concepts math functions string tuples dictionaries in python			✓
2021	BCA	21UCA4N2A	PC Hardware and Trouble Shooting	To identify the names, distinguishing features, and units for measuring different kinds of memory and storage devices			✓

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2021	BCA	21UCA4N2B	Scripting Languages	To master the theory behind scripting and its relationship to classic programming. Understanding basic in html formatting links frames all in HTMLs			✓
2021	BCA	21UCA4N2C	Office Automation	Understand basic concepts word excel so students would be able to documents, spreadsheets, make small presentations.			✓
2021	BCA	21UCA5C9	Cyber Security	Provides an environment to narrate the cybercrime related topics and issues			✓
2021	BCA	21UCA5C10	Internet of Things	Students will understand the concepts of Internet of Things and can able to build IOT Applications			✓
2021	BCA	21UCA5C11	Computer Architecture	To introduce the fundamentals of Computer Architecture, Abstract concepts and how these concepts are used in problem solving			✓
2021	BCA	21UCA5C12P	Cyber Security Lab	To Design and implementation of a simple client/server model and running application using sockets and TCP/IP.			✓
2021	BCA	21UCA5M1A	E-Commerce and M-Commerce	To understand the E – commerce strategies and value chains and the M-commerce services			✓
2021	BCA	21UCA5M1B	System Analysis and Design	It is a problem solving technique that improves the system and ensures that all the components of the system work efficiently to accomplish their purpose.			✓
2021	BCA	21UCA5M1C	Data Base	To provide the basic concepts of the			✓

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			Management	Database Systems including Data Models, Storage Structure, Normalization and SQL			
2021	BCA	21UCA5S1A	Page maker	It allows you to create, modify and print offline publications, such as brochures, flyers and newsletters.			✓
2021	BCA	21UCA5S1B	Corel Draw	It allows you to create, modify and print offline publications, such as brochures, flyers and newsletters.			✓
2021	BCA	21UCA5S1C	Internet Programming	To learn the basic of HTML and CSS. To understand dynamic websites creation using web designing tags.			✓
2021	BCA	21UCA5S2A	Dream Weaver	To create personal and/or business websites following current professional and/or industry standards			✓
2021	BCA	21UCA5S2B	Computer Applications in Business	To give in-depth knowledge of documentation through MS Office packages.			✓
2021	BCA	21UCA5S2C	Introduction to web design	To present the fundamental concepts of Internet, Internet Technologies and to give the knowledge on HTML			✓
2021	BCA	21U5SS	Soft Skills Development	To encourage the all round development of students by focusing on soft skills			✓
2021	BCA	21UCA6C13	Python Application Programming	Learn Syntax and semantics and create Functions in Python. To handle Files, Lists and Dictionaries in Python			✓
2021	BCA	21UCA6C14	Software Engineering	To introduce the fundamentals of Software Engineering, Abstract			✓

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				concepts and how these concepts are used in problem solving.			
2021	BCA	21UCA6C15P	Python Lab	To be able to introduce core programming basics and program design with functions using Python programming language.			✓
2021	BCA	21UCA6M2A	Web Programming	Understanding the html scripting language internet principles			✓
2021	BCA	21UCA6M2B	GIS and Remote Sensing	To understand the principles, applications, trends, and pertinent issues of geographical information systems and sciences, including remote sensing (RS), Photogrammetric, cartography, and global positioning systems (GPS)			✓
2021	BCA	21UCA6M2C	Multimedia Applications	learn different Multimedia architecture. Know the Multimedia applications in various domain			✓
2021	BCA	21UCA6M3PW	Mini Project	to improve research methodology			✓
2021	BCA	21UCA6M3P1	Web Programming Lab	To learn programming in framework. 2. To develop web applications			✓
2021	BCA	21UCA6M3P2	Multimedia Lab	To Impart Practical Training in Computer Graphics and Animation related problems			✓
2021	BCA	21U6GS	Gender Studies	To make boys and girls aware of each others strengths and Weakness. To develop sensitivity towards both genders in order to lead an ethically enriched life. To promote attitudinal			✓

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				change towards a gender balanced ambience and women empowerment			
2021	B.COM CA	21UCOA1C1	Principles of Accountancy	To Understanding the fundamental concepts of Accounting		✓	
2021	B.COM CA	21UCOA1C2	Computer Fundamentals & Office Automation	To understand basics of computer and working with OS and To acquire basic programming skills and to develop working skills with productivity tools, graphics designing and Internet.		✓	
2021	B.COM CA	21UCOA1A1	Business Economics	To understand the business tools for decision making purpose and to apply marginal analysis to the “firm” under different market conditions.		✓	
2021	B.COM CA	21UCOA1A2	Office Management	To make them understand office management and duties of an office manager and to give an idea about proper filling and indexing of office documents.		✓	
2021	B.COM CA	21UCOA2C3	Business Tools for Decision Making	To familiarizes the concept of statistics and to provide practical exposure on calculation measures of average.		✓	
2021	B.COM CA	21UCOA2C4	Information Security	To prepare students with the technical knowledge and skills needed to protect and defend computer systems and networks.		✓	
2021	B.COM CA	21UCOA1A2	Office Management	It helps to encourage and stimulate inventions, innovations, deep dive		✓	

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				analysis and research work.			
2021	B.COM CA	21UCOA2A3P	Office Automation Lab	It provides the process that uses technology to automate information gathering, communication, presentation, and calculation.		✓	
2021	B.COM CA	21U2VED	Value Education	To develop good moral values in the children. To develop thinking in a better aspect and a democratic way of living. To develop good citizenship and standard of living and behavior of children		✓	
2021	B.COM CA	21UCOA3C5	Business Accounting	It helps accounting is to keep a systematic record of financial transactions which helps the users to understand the day to day transactions in a systematic manner so as to gain knowledge about overall business.		✓	
2021	B.COM CA	21UCOA3C6T 21UCOA3C6P	Programming in C (With practical)	It provides instructions which a computer follows to enable it to store knowledge, process knowledge, and communicate knowledge with the outside world. Stemming from storing knowledge we can move into data structures and databases.		✓	
2021	B.COM CA	21UCOA3A4	Business Communication	It helps build teamwork, aids collaboration, boosts productivity, and ensures that organizations meet their goals.		✓	



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2021	B.COM CA	21UCOA3A5	E-Commerce	It provides knowledge by which good management can be established for production. It also gives knowledge about the distribution and advertisement of the produced goods and services. Commerce education is important and valuable in the sense that there are many career opportunities for commerce students.		✓	
2021	B.COM CA	21UCOA3N1A	A. Principles of Marketing	To introduce the marketing concept and how we identify, understand and satisfy the needs of customers and markets.		✓	
2021	B.COM CA	21UCOA3N1B	B. Principles of Management	To provides knowledge of principles managers get indication on how to manage an organization.		✓	
2021	B.COM CA	21UCOA3N1C	C. Introduction to Banking	It provides the foundation for a broad range of careers across banking, broking, consulting, funds management, insurance and superannuation.		✓	
2021	B.COM CA	21UCOA4C7	Cost Accounting	It provides the idea about record transactions, sort and analyzing them, prepare financial statements, assessing the financial position, and aid in decision making with financial data and information about the business.		✓	
2021	B.COM CA	21UCOA4C8T 21UCOA4C8P	Programming in C++ (with practical)	To understand how C++ improves C with object-oriented features. To learn how to write inline functions		✓	

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				for efficiency and performance.			
2021	B.COM CA	21UCOA3A5	E-Commerce	To provide knowledge about the distribution and advertisement of the produced goods and services		✓	
2021	B.COM CA	21UCOA4A6	Bank Management	To provide idea about how to build an organic and optimal interaction system between the elements of banking mechanisms with a view to profit.		✓	
2021	B.COM CA	21UCOA4N2A	A. Fundamentals of Accounting	To understand basic accounting principles to be successful.		✓	
2021	B.COM CA	21UCOA4N2B	B. Organisational Behaviour	To understand the human interactions in an organization, find what is driving it and influence it for getting better results in attaining business goals.		✓	
2021	B.COM CA	21UCOA4N2C	C.Consumer Behaviour	To understanding how buyers think, feel and decide, businesses can determine how best to market their products and services.		✓	
2021	B.COM CA	21UCOA5C9	Company Accounting	To understand systematically record transactions, sort and analyzing them, prepare financial statements, assessing the financial position, and aid in decision making with financial data and information about the business.		✓	
2021	B.COM CA	21UCOA5C10	Auditing	to find reliability of financial position and profit and loss statements. The		✓	

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<b>NAAC</b>	<b>CRITERIA – I</b>	<b>METRIC 1.1.1</b>

				objective is to ensure that the accounts reveal a true and fair view of the business and its transactions			
2021	B.COM CA	21UCOA5C11T 21UCOA5C11P	Multimedia (with practical)	To get benefit of multimedia learning is that it takes advantage of the brain's ability to make connections between verbal and visual representations of content, leading to a deeper understanding, which in turn supports the transfer of learning to other situations		✓	
2021	B.COM CA	21UCOA5C12T 21UCOA5C12P	Database Management System (with practical)	To offer an efficient way of handling large amounts and multiple types of data. The ability to access data efficiently allows companies to make informed decisions quicker.		✓	
2021	B.COM CA	21UCOA5M1A	A.Human Resource Management	<i>To provide idea about HRM</i> is to ensure the availability of competent and willing workforce to the organization as well as to meet the needs, aspirations		✓	
2021	B.COM CA	21UCOA5M1B	B.I Retail Marketing	Analyzing the trends prevalent in the retail sector in India		✓	
2021	B.COM CA	21UCOA5M1C	C.Investment Management	aims to meet particular investment goals for the benefit of clients whose money they have the responsibility of overseeing.		✓	
2021	B.COM CA	21UCOA5S1A	A.Insurance	To promote fairness, transparency and		✓	

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<b>NAAC</b>	<b>CRITERIA – I</b>	<b>METRIC 1.1.1</b>

			Management	orderly conduct in financial markets dealing with Insurance and build a reliable management information system			
2021	B.COM CA	21UCOA5S1B	B.Service Marketing	To focus of service marketing is to develop relationships with customers to gain their trust.		✓	
2021	B.COM CA	21UCOA5S1C	C.Internet	To gather information and to do research or add to the knowledge of various subjects.		✓	
2021	B.COM CA	21UCOA5S2A	A.Advertising Management	To identify the roles of advertising, sales promotion, public relations, personal selling and direct marketing in the promotion mix;		✓	
2021	B.COM CA	21UCOA5S2B	B.Sales Management	To identify process of developing a sales force, coordinating sales operations and implementing sales techniques		✓	
2021	B.COM CA	21UCOA5S2C	C.Retail management	To helps in saves time and ensures the customers easily locate their desired merchandise and return home satisfied.		✓	
2021	B.COM CA	21U5SS	Soft Skill Development	Soft skills training helps trainees become more effective and happy at work, which can turn into higher productivity and lower absenteeism and turnover rates.		✓	
2021	B.COM CA	21UCOA6C13	Financial Management	Assists in acquiring and managing funds. Helps in funds allocation.		✓	

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<b>NAAC</b>	<b>CRITERIA – I</b>	<b>METRIC 1.1.1</b>

				Provides insights to make critical financial decisions			
2021	B.COM CA	21UCOA6C14	Income Tax Theory Law and Practice	to make the students familiar with some basic concepts of taxation		✓	
2021	B.COM CA	21UCOA6C15T 21UCOA6C15P	Computerized Accounting (with Practical)	it provides faster data entry, quicker data processing, and a much faster generation of the reports needed for the analysis of the overall account of the enterprise.		✓	
2021	B.COM CA	21UCOA6M2A	A.Goods and service tax	The main aim of this system is to simplify the entire process of paying taxes and simplify compliance.		✓	
2021	B.COM CA	21UCOA6M2B	B.Business Environment	To understand the different environment in the business climate 2. To know the minor and major factors affecting the business in various streams		✓	
2021	B.COM CA	21UCOA6M2C	C.E-Banking	To analyze the awareness level of people with reference to E-Banking.		✓	
2021	B.COM CA	21UCOA6M3A	A.Financial Service in India	It primarily aims to include everybody in the society by giving them basic financial services without looking at a person's income or savings.		✓	
2021	B.COM CA	21UCOA6M3B	B.Financial Marketing Operation	Helps to study the relationships and dynamics that exist in the global financial systems or the international monetary system such as balance of payments		✓	

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<b>NAAC</b>	<b>CRITERIA – I</b>	<b>METRIC 1.1.1</b>

2021	B.COM CA	21UCOA6M3C	C.Indian Banking System	To analyses the above phases and structure of the banking sector in. India.		✓	
2021	B.COM CA	21U6GS	Gender Studies	To Analyze the ways in which gender, race, ethnicity, class, and sexuality construct the social, cultural, and biological experience of both men and women in all societies.	✓		
2021	B.COM	21UCO1C1	Principles of Accountancy	Understanding the fundamental concepts of Computer	✓		
2021	B.COM	21UCO1C2	Contemporary Management	It help in encouraging staff to have more participation in decision making and improve interpersonal relations, between employees and with supervisors.		✓	
2021	B.COM	21UCO1A1	Business Economics	To understand the business tools for decision making purpose and to apply marginal analysis to the “firm” under different market conditions.		✓	
2021	B.COM	21UCO1A2	Office Management	To make them understand office management and duties of an office manager and to give an idea about proper filling and indexing of office documents.		✓	
2021	B.COM	21UCO2C3	Business Tools for Decision Making	To familiarizes the concept of statistics and to provide practical exposure on calculation measures of average.		✓	
2021	B.COM	21UCO2C4	Business Regulatory	To explain the framework within which		✓	



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NAAC	CRITERIA – I	METRIC 1.1.1

			framework	business activities shall be carried out			
2021	B.COM	21UCO1A2	Office Management	It helps to encourage and stimulate inventions, innovations, deep dive analysis and research work.		✓	
2021	B.COM	21UCO2A3	Modern Marketing	This course enables a student to understand the 'Marketing mix' elements and the strategies and principles underlying the modern marketing practices.		✓	
2021	B.COM	21U2VED	Value Education	To develop good moral values in the children. To develop thinking in a better aspect and a democratic way of living. To develop good citizenship and standard of living and behavior of children	✓		
2021	B.COM	21UCO3C5	Business Accounting	It helps accounting is to keep a systematic record of financial transactions which helps the users to understand the day to day transactions in a systematic manner so as to gain knowledge about overall business.		✓	
2021	B.COM	21UCO3C6	Business Communication	It provides instructions which a computer follows to enable it to store knowledge, process knowledge, and communicate knowledge with the outside world. Stemming from storing knowledge we can move into data structures and databases.		✓	

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<b>NAAC</b>	<b>CRITERIA – I</b>	<b>METRIC 1.1.1</b>

2021	B.COM	21UCO3A4	Banking theory law and practice	To acquire knowledge about banking laws in India as it is must for students. to have conceptual clarity about the process of banking, product and stakeholders with reference to particular acts passed in India.		✓	
2021	B.COM	21UCO3A5	Business Environment	To understand the different environment in the business climate , To know the minor and major factors affecting the business in various streams		✓	
2021	B.COM	21UCO3N1A	A. Principles of Marketing	To introduce the marketing concept and how we identify, understand and satisfy the needs of customers and markets.		✓	
2021	B.COM	21UCO3N1B	B. Principles of Management	To provides knowledge of principles managers get indication on how to manage an organization.		✓	
2021	B.COM	21UCO3N1C	C. Introduction to Banking	It provides the foundation for a broad range of careers across banking, broking, consulting, funds management, insurance and superannuation.		✓	
2021	B.COM	21UCO4C7	Cost Accounting	It provides the idea about record transactions, sort and analyzing them, prepare financial statements, assessing the financial position, and aid in decision making with financial data and information about the business.		✓	
2021	B.COM	21UCO4C8	Company Law	To help the students to understand the basic rules of Agreements and Contracts		✓	



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NAAC	CRITERIA – I	METRIC 1.1.1

				along with the basic Rules of Offer, Acceptance, Consideration, Capacity/Competency to contract & rules governing Consideration in The Indian Contract Act, 1872.			
2021	B.COM	21UCO3A5	Business Environment	The <b>study</b> of the <b>environment</b> of the business helps us to detect the strengths, weakness, threats, and opportunities.		✓	
2021	B.COM	21UCO4A6	Bank Management	To provide idea about how to build an organic and optimal interaction system between the elements of banking mechanisms with a view to profit.		✓	
2021	B.COM	21UCO4N2A	A. Fundamentals of Accounting	To understand basic accounting principles to be successful.		✓	
2021	B.COM	21UCO4N2B	B. Organisational Behaviour	To understand the human interactions in an organization, find what is driving it and influence it for getting better results in attaining business goals.		✓	
2021	B.COM	21UCO4N2C	C.Consumer Behaviour	To understanding how buyers think, feel and decide, businesses can determine how best to market their products and services.		✓	
2021	B.COM	21UCO5C9	Company Accounting	To understand systematically record transactions, sort and analyzing them, prepare financial statements, assessing the financial position, and aid in		✓	

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NAAC	CRITERIA – I	METRIC 1.1.1

				decision making with financial data and information about the business.			
2021	B.COM	21UCO5C10	Auditing	to find reliability of financial position and profit and loss statements. The objective is to ensure that the accounts reveal a true and fair view of the business and its transactions		✓	
2021	B.COM	21UCO5C11T 21UCO5C11P	Computer Application in Business with practical	Understand the application of business Knowledge in both theoretical and practical aspects		✓	
2021	B.COM	21UCO5C12	Financial Management	To offer an efficient way of handling large amounts and multiple types of data. The ability to access data efficiently allows companies to make informed decisions quicker.		✓	
2021	B.COM	21UCO5M1A	A.Human Resource Management	To provide idea about HRM is to ensure the availability of competent and willing workforce to the organization as well as to meet the needs, aspirations		✓	
2021	B.COM	21UCO5M1B	B.I Retail Marketing	Analyzing the trends prevalent in the retail sector in India		✓	
2021	B.COM	21UCO5M1C	C.Investment Management	To helps people protect their hard-earned money from being eroded with time due to extravagance uses. It also helps grow money over a certain period of time in order to meet people's financial needs.		✓	

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<b>NAAC</b>	<b>CRITERIA – I</b>	<b>METRIC 1.1.1</b>

2021	B.COM	21UCO5S1A	A.Insurance Management	To promote fairness, transparency and orderly conduct in financial markets dealing with Insurance and build a reliable management information system		✓	
2021	B.COM	21UCO5S1B	B.Service Marketing	To focus of service marketing is to develop relationships with customers to gain their trust.		✓	
2021	B.COM	21UCO5S1C	C.Internet	Develop the quality of learning and teaching by Online Education		✓	
2021	B.COM	21UCO5S2A	A.Advertising Management	To identify the roles of advertising, sales promotion, public relations, personal selling and direct marketing in the promotion mix;		✓	
2021	B.COM	21UCO5S2B	B.Sales Management	To identify process of developing a sales force, coordinating sales operations and implementing sales techniques		✓	
2021	B.COM	21UCO5S2C	C.Retail management	To helps in saves time and ensures the customers easily locate their desired merchandise and return home satisfied.		✓	
2021	B.COM	21U5SS	Soft Skill Development	Soft skills training helps trainees become more effective and happy at work, which can turn into higher productivity and lower absenteeism and turnover rates.		✓	
2021	B.COM	21UCO6C13	Management	Assists in acquiring and managing funds. Helps in funds allocation.		✓	

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			Accounting	Provides insights to make critical financial decisions			
2021	B.COM	21UCO6C14	Income Tax Theory Law and Practice	to make the students familiar with some basic concepts of taxation		✓	
2021	B.COM	21UCO6C15	Entrepreneurial Leadership	To helps in organizing and motivating a group of people to achieve a common objective through innovation, risk optimization, taking advantage of opportunities, and managing the dynamic organizational environment.		✓	
2021	B.COM	21UCO6M2A	A.Goods and service tax	The main aim of this system is to simplify the entire process of paying taxes and simplify compliance.		✓	
2021	B.COM	21UCO6M2B	B.Introduction to E- Commerce	The primary goal of e-commerce is to reach maximum customers at the right time to increase sales and profitability of the business.		✓	
2021	B.COM	21UCO6M2C	C.E-Banking	To analyze the awareness level of people with reference to E-Banking.		✓	
2021	B.COM	21UCO6M3A	A.Financial Service in India	It primarily aims to include everybody in the society by giving them basic financial services without looking at a person's income or savings.		✓	
2021	B.COM	21UCO6M3B	B.Financial Marketing Operation	Helps to study the relationships and dynamics that exist in the global financial systems or the international monetary system such as		✓	

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<b>NAAC</b>	<b>CRITERIA – I</b>	<b>METRIC 1.1.1</b>

				balance of payments			
2021	B.COM	21UCO6M3C	C.Indian Banking System	To analyses the above phases and structure of the banking sector in. India.		✓	
2021	B.COM	21U6GS	Gender Studies	To Analyze the ways in which gender, race, ethnicity, class, and sexuality construct the social, cultural, and biological experience of both men and women in all societies.		✓	
2021	BBA	21UBA1C1	Business Management	To acquire the knowledge, skill to become a good manager	✓		
2021	BBA	21UBA1C2	Financial Accounting	To understand accounting principles and gain knowledge of final accounts	✓		
2021	BBA	21UBA1A1	Business Economics	To know about economic theory with modern business practices	✓		
2021	BBA	21UBA2C3	Organizational Behaviour	To develop individual behaviour, leadership quality and effective communication skills	✓		
2021	BBA	21UBA2C4	Business Law	To acquire the principles and legal aspects of various legislation	✓		
2021	BBA	21UBA3C5	Company Law and Practices	To prepare the students to be a competent manager by introducing basics of company law	✓		
2021	BBA	21UBA3C6	Marketing Management	To realize the relationship between marketing channel and corresponding strategies	✓		
2021	BBA	21UBA3N1B	Banking Practices	To promote and understanding of basic concepts in banking	✓		

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2021	BBA	21UBA4C7	Production Management	To understand the nature and importance of production management	✓		
2021	BBA	21UBA4C8	Entrepreneurial Development	To know about entrepreneur and focused on project report	✓		
2021	BBA	21UBA4N2A	Principles Of Management	To enable the students, understand the principles of management and to acquire skills to be a good manager	✓		
2021	BBA	21UBA5C9	Cost Accounting	To understand the basic concepts of cost accounting	✓		
2021	BBA	21UBA5C10	International business	To know the concepts of international and global liberalization			✓
2021	BBA	21UBA5C11	Business Research	To know about basic theoretical ideas and logic of research	✓		
2021	BBA	21UBA5C12	Business communication	To acquire adequate skills in business correspondence and communication	✓		
2021	BBA	21UBA5M1B	Sales and distribution	To develop an understanding of the sales and distribution process in organization	✓		
2021	BBA	21UBA5M1C	Organizational Change and Development	To understand the resistance to change and the process of change	✓		
2021	BBA	21UBA6C13	Human Resource Management	To understand the basics of HRM and to acquire knowledges in recent trends	✓		
2021	BBA	21UBA6C14	Financial Management	To learn various concept and principle of financial matters and decision-making skills	✓		

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NAAC	CRITERIA – I	METRIC 1.1.1

2021	BBA	21UBA6C15	Management Information System	To know about the overview of system, analysis and design and acquire knowledge about global management of information technology	✓		
2021	BBA	21UBA6M2A	Supply Chain Management	To understand the importance major decision in supply chain management	✓		
2021	BBA	21UBA6M2B	Service Marketing	To understand the fundamental concepts of service marketing and various gap existing in the service delivery process	✓		
2021	BBA	21UBA6M3C	Public Relations Management	To gain working knowledge of various tools used in public relation and maintaining a healthy corporate image	✓		
2021	BBA	21U6GS	Gender Studies	To Analyze the ways in which gender, race, ethnicity, class, and sexuality construct the social, cultural, and biological experience of both men and women in all societies.		✓	



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