



 NAAC	DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS) (Affiliated to Bharathidasan University, Tiruchirappalli) (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	 METRIC 1.1.1
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Courses focus on Global, National and Local Needs							
Year of Syllabus Revision	Programme	Sub. Code	Title of the Course	Objective	Needs		
					Local	National	Global
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 newsgathering 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	Sitirilakkiyam	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	Differential calculus is a subfield of		✓	

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	Mathematics		& Differential Calculus	calculus that studies			
2021	B.Sc., Mathematics	21UMM1C2	Analytical Geometry 3d	3D geometry involves the mathematics of shapes in 3d		✓	
2021	B.Sc., Mathematics	21UMM2C3	Trigonometry & Vector Calculus	Trigonometry the branch of math specific of angles		✓	
2021	B.Sc., Mathematics	21UMM2C4	Integral Calculus	Where we study integrals and their properties			✓
2021	B.Sc., Mathematics	21UMM3C5	Algebra And Fourier Series	Base of modern arithmetic and modern maths		✓	
2021	B.Sc., Mathematics	21UMM3C6	Theory Of Numbers	Devoted primarily to the study of the integer-valued function		✓	
2021	B.Sc., Mathematics	21UMM3A4	Mathematical Statistics-I	The application of probability theory		✓	
2021	B.Sc., Mathematics	21UMM3N1A	Quantitative Aptitude - I	Emphasize objective measurement	✓		
2021	B.Sc., Mathematics	21UMM3N1B	Operations Research	Often shortened to the initialism OR		✓	
2021	B.Sc., Mathematics	21UMM3N1C	Statistics - I	Organization, analysis, interpretation		✓	
2021	B.Sc., Mathematics	21UMM4C7	Differential Equations And Laplace Transform	One or more unknown function and their derivatives			✓
2021	B.Sc., Mathematics	21UMM4C8	Sequence And Series	An itemized collection of elements			✓
2021	B.Sc., Mathematics	21UMM3A5P	Mathematical Statistics Practical	Observable phenomena		✓	

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2021	B.Sc., Mathematics	21UMM4A6	Mathematical Statistics - II	Statistical inference		✓	
2021	B.Sc., Mathematics	21UMM4N2A	Quantitative Aptitude - II	Primary stage of short	✓		
2021	B.Sc., Mathematics	21UMM4N2B	Numerical Methods	Study of algorithms			✓
2021	B.Sc., Mathematics	21UMM4N2C	Statistics - II	Presentation of data	✓		
2021	B.Sc., Mathematics	21UMM5C9	Numerical Analysis	Finds application in all fields			✓
2021	B.Sc., Mathematics	21UMM5C10	Abstract Algebra	Modern algebra also called			✓
2021	B.Sc., Mathematics	21UMM5C11	Real Analysis	Studies the behavior			✓
2021	B.Sc., Mathematics	21UMM5C12	Statics	Organization,analysis,interpretation		✓	
2021	B.Sc., Mathematics	21UMM5M1A	Operations Research	Often shortened to the initialism OR		✓	
2021	B.Sc., Mathematics	21UMM5M1B	Stochastic Processes	Collection of random variables		✓	
2021	B.Sc., Mathematics	21UMM5M1C	Fuzzy Mathematics	Simple binary operator “yes” or “No”		✓	
2021	B.Sc., Mathematics	21UMM5S1A	Quantitative Aptitude - I	Primary stage of shortcuts	✓		
2021	B.Sc., Mathematics	21UMM5S1B	Arithmetic And Mental Ability - I	Traditional operations on numbers	✓		
2021	B.Sc., Mathematics	21UMM5S1C	General Aptitude For Competitive	Part of many competitive exams	✓		

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			Examinations- I			
2021	B.Sc., Mathematics	21UMM5S2A	Quantitative Aptitude - II	Entrance exams preparation	✓	
2021	B.Sc., Mathematics	21UMM5S2B	Arithmetic And Mental Ability - II	Traditional operations on numbers	✓	
2021	B.Sc., Mathematics	21UMM5S2C	General Aptitude For Competitive Examinations- II	Part of many competitive exams	✓	
2021	B.Sc., Mathematics	21UMM6C13	Linear Algebra	Linear algebra is very well understood		✓
2021	B.Sc., Mathematics	21UMM6C14	Complex Analysis	Complex numbers		✓
2021	B.Sc., Mathematics	21UMM6C15	Dynamics	The branch of mechanics		✓
2021	B.Sc., Mathematics	21UMM6M2A	Graph Theory	Pioneers ,bridge, application, origin		✓
2021	B.Sc., Mathematics	21UMM6M2B	Mathematical Modelling	Used in the natural science		✓
2021	B.Sc., Mathematics	21UMM6M2C	Non-Linear Differential Equations	Unknown functions and its derivatives		✓
2021	B.Sc., Mathematics	21UMM6M3A	Astronomy	Celestial objects and phenomena		✓
2021	B.Sc., Mathematics	21UMM6M3B	Design & Analysis Of Algorithms	Different types of problems in branch		✓
2021	B.Sc., Mathematics	21UMM6M3C	Financial Mathematics	Quantitive finance and financial mathematics	✓	
2021	B.Sc.,(CS) & BCA	21UCS1A1/ 21UCA1A1	Algebra And Calculus	Differential calculus is a subfield of calculus that studies		✓

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2021	B.Sc.,(CS) & BCA	21UCS1A2/ 21UCA1A2	Numerical Analysis And Statistics	Finds application in all fields			✓
2021	B.Sc., Chemistry	21UCH1A1A	Differential & Integral Calculus	Where we study integrals and their properties			✓
2021	B.Sc., Chemistry	21UCH1A2A	Analytical Geometry(3d) & Trigonometry	3D geometry involves the mathematics of shapes in 3d		✓	
2021	BBA	21UBA1A2	Mathematics And Statistics For Managers	Finds application in all fields		✓	
2021	B.Sc., Physics	21UPH3A4	Calculus And Vector Analysis	Calculus is a subfield of calculus that studies		✓	
2021	B.Sc., Physics	21UPH3A5	Algebra , Analytical Geometry And Trigonometry	3D geometry involves the mathematics of shapes in 3d		✓	
2021	B.Sc., Bio-Technology	21UBT3A5P	Lab In Bio Informatics & Bio Statistics	Observable phenomena		✓	
2021	B.Sc., Micro Biology	21UMB3A4	Bio Statistics-I	Observable phenomena			✓
2021	B.Sc., Micro Biology	21UMB3A5P	Lab In Bio Statistics - I	Observable phenomena		✓	
2021	B.Sc., Physics	21UPH3A5	Algebra , Analytical Geometry And Trigonometry	3D geometry involves the mathematics of shapes in 3d			✓
2021	B.Sc., Physics	21UPH4A6	Ode,LaplaceTransform And Fourier Series	Study of algorithms			✓

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2021	BBA	21UBA4A6	Operations Research	Often shortened to the initialism OR	✓		
2021	B.Sc., Micro Biology	21UMB4A6	Bio Statistics -II	Observable phenomena	✓		
2021	B.Sc., Micro Biology	21UMB3A5P	Lab In Bio Statistics I	Observable phenomena	✓		
2021	B.Sc., Bio- Technology	21UBT4A6	Bio Statistics	Observable phenomena			✓
2021	B.Sc., Bio- Technology	21UBT3A5P	Lab In Bio Informatics & Bio Statistics	Observable phenomena			✓
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			✓

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				values in the society in which he lives.			
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		✓	

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				apply the in their day to day life.			
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	21UCH5C10	Organic Chemistry-I	Understand molecular rearrangements in organic mechanisms ,alkaloids and terpenoids			✓
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 introcuction to nutritional biochemistry. The students will learn how nutrients effect biochemical processes and signal transduction , and how this can lead to development og nutriniially 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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				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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			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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				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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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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			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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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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				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 study of the environment 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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				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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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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				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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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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Courses focus on Global, National and Local Needs							
Year of Syllabus Revision	Programme	Sub. Code	Title of the Course	Objective	Needs		
					Local	National	Global
2022	M.Sc., Biochemistry	22PBC1C1	Chemistry of Biomolecules	Biomolecules are molecules that are involved in the maintenance and metabolic processes of all living organisms.			✓
2022	M.Sc., Biochemistry	22PBC1C2	Analytical Techniques	Analytical techniques are procedures or a methods how to analyse some problem, status or some fact and deep knowledge on the techniques for measurement of biophysical factors in living organisms.			✓
2022	M.Sc., Biochemistry	22PBC1C3	Advanced Human Physiology	Human physiology studies the mechanical, physical, and biochemical functions that determine the health of an individual and entering health related fields; mechanisms of body function will be presented at various levels.			✓

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2022	M.Sc., Biochemistry	22PBC1C4P	Practical in Chemistry of Biomolecules, Analytical Techniques and Advanced Human Physiology	Understand the working principles, construction and applications of the instruments used in the studies related to various disciplines of biological sciences.			✓
2022	M.Sc., Biochemistry	22PBC1E1A	Advanced Microbiology	Microbiology is the study of microbes and their interactions with humans, animals, plants, and the environment, such as bacteria.			✓
2022	M.Sc., Biochemistry	22PBC1E1B	Advanced Human Genetics	Human genetics has provided a framework for understanding the biology of the human species and is a rapidly growing field of aging research.			✓
2022	M.Sc., Biochemistry	22PBC1V1	Detection Methods of Food Adulteration	Detection of adulteration in food is an essential requirement for ensuring safety of foods we consume. Although sophisticated lab techniques are accurate knowledge about food		✓	

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				adulteration, additives, quality control and various acts related to food safety.			
2022	M.Sc., Biochemistry	22PBC2C5	Enzymology	science dealing with the structure and properties of enzymes and the chemical reactions they catalyze.			✓
2022	M.Sc., Biochemistry	22PBC2C6	Metabolism and Regulation	Living organisms need to generate energy continuously to maintain cellular processes and functions. understand the metabolic reactions of biomolecules as well as integral relationship of various metabolic pathways.			✓
2022	M.Sc., Biochemistry	22PBC2C7	Molecular Biology	Molecular biology looks at the molecular mechanisms behind processes such as replication, transcription, translation and cell function.			✓
2022	M.Sc., Biochemistry	22PBC2C8	Advanced Dietetics	Dietetics is the science of how food and nutrition affects human health. The field of dietetics has a strong emphasis on public health and		✓	

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				a commitment to educating all peoples about the importance of making proper dietary choices.			
2022	M.Sc., Biochemistry	22PBC2C9P	Prctical in Enzymology, Metabolism Andregulation, Molecular Biology	To understand the working principles, construction and applications of the practicals in molecular techniques and enzyme analysis			✓
2022	M.Sc., Biochemistry	22PBC2N1A	Ayurveda Medicine in Human Health	Medical system from India that has been used for thousands of years. The goal is to cleanse the body and to restore balance to the body, mind, and spirit. It uses diet, herbal medicines, exercise, meditation, breathing, physical therapy, and other methods.		✓	
2022	M.Sc., Biochemistry	22PBC2N1B	Food Science in Human Nutrition	They analyze the nutritional content of food, discover new food sources, and research ways to make processed foods safe and healthy.		✓	
2022	M.Sc.,	22PBC2I1	Biomedical Instrumentation	Biomedical			✓

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	Biochemistry			instrumentation focuses on the development of methods and devices for the treatment of diseases. It is an emerging field of biomedical engineering that bridges the gap between medicine and engineering.			
2022	M.Sc., Biochemistry	22PBC3C10	Advanced Immunology	Advanced Immunology is designed to provide the basic scientist with an enhanced understanding of immunological concepts and techniques applicable to research in immunology and related fields.			✓
2022	M.Sc., Biochemistry	22PBC3C11	Clinical Biochemistry	Biochemistry deals with the chemical nature, structure and functions of the chemicals of life so is involved in various research related works.			✓
2022	M.Sc., Biochemistry	22PBC3C12	Plant and Animal Biotechnology	Animal biotechnology is a branch of biotechnology in which molecular biology techniques are used to			✓

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				genetically engineer (i.e. modify the genome of) animals in order to improve their suitability for agriculture, industrial, or pharmaceutical applications..			
2022	M.Sc., Biochemistry	22PBC2C13P	Practical in Immunology, Clinical Biochemistry, Plant And Animal Biotechnology and Advanced Dietetics	Diagnostic and therapeutic methodologies available for diseases and disorder. This makes the students to work in a laboratory environment.			✓
2022	M.Sc., Biochemistry	22PBC3N2A	Health Disorders in Adolescents	To Enable the students to have a deep knowledge on the health disorders during adolescents.	✓		
2022	M.Sc., Biochemistry	22PBC3N2B	Indo-Allopathy	To enable the students to have a deep knowledge on allopathy and various medicines related to various diseases.	✓		
2022	M.Sc., Biochemistry	22PBC4C14	Research Methodology	Research methodology is the specific procedures or techniques used to identify, select, process, and analyze information about a topic. In a research paper, the			✓

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				methodology section allows the reader to critically evaluate a study's overall validity and reliability.			
2022	M.Sc., Biochemistry	22PBC4E1A	Nanotoxicology and Biosafety	To Study the students with the skills to provide knowledge about nanotoxicology and its applications and role in life and help to provide basic knowledge about biosafety			✓
2022	M.Sc., Biochemistry	22PBC4E1B	Genetic Engineering	Genetic engineering, also called genetic modification or genetic manipulation, is the modification and manipulation of an organism's genes using technology.			✓
2022	M.Sc., Biochemistry	22PBC4PW	Project Work	To improve the research findings and various processess of research of the students			✓
2022	M.Sc., Biotechnology	22PBT1C1	Biochemistry and Biophysics	To gain a basic knowledge about the chemical bonding in biological system.To have a detailed knowledge about the function and properties of			✓

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				biomolecules and to learn about the basic metabolic reactions of living organisms. To have a basic knowledge about the enzymes and biological energy transducers			
2022	M.Sc., Biotechnology	22PBT1C2	Cell and Molecular Biology	To Familiarize students with the cell and molecular biology of both Prokaryotes and Eukaryotes. Students will acquire basic fundamental knowledge and explore skills in molecular biology and become aware of the complexity and harmony of the cells.			✓
2022	M.Sc., Biotechnology	22PBT1C3	Microbiology	To introduce the students to the field of microbiology with special emphasis on microbial diversity, morphology, physiology and nutrition; methods for control of microbes and host-microbe interactions.			✓
2022	M.Sc.,		Lab I Cell and Molecular	Diverse genetic and			✓

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	Biotechnology	22PBT1C4P	Biology and Immunology	biochemical tools to understand mechanisms of nutrient sensing and nuclear-cytoplasmic regulation.			
2022	M.Sc., Biotechnology	22PBT1E1B	Immunology	It is designed to impart the students to understand the importance of immunology and its theoretical aspects and on the principles of immunology. It also explains the various antigen-antibody reactions involved in diseases, Concept of Monoclonal antibodies and vaccine development.			✓
2022	M.Sc., Biotechnology	22PBT2C5	Enzyme Technology and Bioinstrumentation	To have a basic knowledge about the enzymes and biological energy transducers. It Describe the various metabolic pathways involved in cells for its normal functioning. Thorough understanding of the analytical techniques and equipment used in biological			✓

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				science. To have a fundamental knowledge regarding the Microscopy, Spectroscopy, Centrifugation.			
2022	M.Sc., Biotechnology	22PBT2C6	rDNA Technology	It is aimed to study the various principles underlying genetic engineering that forms the basis of rDNA technology. To study the methodologies, and in brief the applications and related issues of rDNA technology.			✓
2022	M.Sc., Biotechnology	22PBT2C7	Microbial Technology	To acquire knowledge on the basic principles of fermentation. To obtain knowledge on selection of microorganisms for industrial application. To acquire new ideas in the utilization of alternative microorganisms for the improvement in product yield			✓
2022	M.Sc., Biotechnology	22PBT2C8	IPR, Biosafety and Bioethics	It is planned to give an understanding about			✓

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				Biostatistics, Bioethics, IPR and Legal Protection, Patent Filing and Infringement and Biosafety. To introduce the biosafety regulations and ethical concepts in biotechnology. To emphasize on IPR issues and need for knowledge in patents in biotechnology			
2022	M.Sc., Biotechnology	22PBT2C9P	Lab II Enzyme Technology and Recombinant DNA Technology	To understand the various techniques. Students will able to perform varieties of techniques			✓
2022	M.Sc., Biotechnology	22PBT2N1A	Advances in Biotechnology	To impart basic concepts of stem cell. To impart structural and functional approaches.			✓
2022	M.Sc., Biotechnology	22PBT2I1	Bio Entrepreneurship	To learn the basics of Entrepreneurship. To know the various kinds of entrepreneurs. To develop knowledge on business ideas. To understand about business environment and to aware of business risks.			✓

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2022	M.Sc., Biotechnology	22PBT3C10	Plant Biotechnology	<p>It gives introduction to the plant tissue culture, maintenance of its lab and production of plants by employing various tissue culture technique. It describes the study of microscopical technique for cytological analysis It discusses about various plant transformation technique.</p>			✓
2022	M.Sc., Biotechnology	22PBT3C11	Animal Biotechnology	<p>It gives introduction to the various transformation techniques employed in animal systems. It also describes the application of genetically modified animals in the various fields of science. The techniques of animal cell culture and its industrial and medical applications are described</p>			✓
2022	M.Sc., Biotechnology	22PBT3C12	Environmental Biotechnology	<p>This will give a knowledge about the environmental issues of water pollution, solid</p>			✓

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				<p>waste management and their treatment.</p> <p>Environmental biotechnology is the conservation of resources via the recycling of waste materials. The recoveries of more valuable products such as metals, oils, and vitamins are important aspects of this technology.</p>			
2022	M.Sc., Biotechnology	22PBT3C13P	Lab III Plant, Animal & Environmental biotechnology	<p>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</p>			✓
2022	M.Sc., Biotechnology	22PBT4C14	Research Methodology	<p>To impart scientific, statistical and analytical knowledge for carrying out research work effectively. To understand</p>			✓

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				science frameworks for scientific inquiry. To understand the various methods for conducting empirical research. To examine trends and patterns in the use of various research methods. To get knowledge to prepare research documents for publication			
2022	M.Sc., Biotechnology	22PBT4E2A	Bioinformatics	To organize vast reams of molecular biology data in an efficient manner. To develop tools that aid in the analysis of such data. To interpret the results accurately and meaningfully. Knowledge and awareness of the basic principles and concepts of biology, computer science and mathematics.			✓
2022	M.Sc., Biotechnology	22PBT4E2B	Marine biotechnology	To provide information about the microbes available in aquatic environment. To study their role and interaction with			✓

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				the marine environment. To explain the principal features of marine ecosystems. To study the microbial diversity in oceans			
2022	M.Com. CA	22PCOA1C1	Managerial Economics	To Understanding the fundamental concepts of managerial economic.		✓	
2022	M.Com. CA	22PCOA1C2	RDBMS	To learn about Computers and to gain theory knowledge and application in Business.		✓	
2022	M.Com. CA	22PCOA1C3P	RDBMS LAB	To learn about Computers and to gain practical knowledge and application in Business		✓	
2022	M.Com. CA	22PCOA1C4	Human Resource Management	To impart knowledge on the concepts and human resource Management and practices in various organization.		✓	
2022	M.Com. CA	22PCOA1E1A	A. Entrepreneurial Development	To familiarizes the concept of entrepreneurial development and gain of some knowledge improvement.		✓	
2022	M.Com. CA	22PCOA1E1B	B. Service Marketing	To gather information and knowledge of service marketing.		✓	

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2022	M.Com. CA	22PCOA1V1	Mutual fund-concepts and planning	To enable the students to have an overview of Business mutual funds to appreciate the importance of concept of planning .		✓	
2022	M.Com. CA		Research Methodology	To familiarizes the concept of research methodology and analysis graphing method to provide exposure on calculation measures of average.		✓	
2022	M.Com. CA	22PCOA2C5	Quantitative Techniques for Business Decisions	The quantitative approach is to make an optimal decision by using mathematical and statistical models in a situation when the probability of all outcomes is uncertain. In so many words, in decision-making it helps managers solve complex problems.		✓	
2022	M.Com. CA	22PCOA2C6	E-Commerce	E-commerce is a method of buying and selling goods and services online. The definition of e-commerce business can also include tactics like affiliate marketing.		✓	
2022	M.Com. CA	22PCOA2C7	Accounting Package	packages like Microsoft		✓	

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			Lab	Excel, be allowed access to computer preparation and presentation of financial statements and records.			
2022	M.Com. CA	22PCOA2C8P	Industrial Relation	Industrial Relations” refers to all types of relations between employers and workers, be they at national, regional or company level; and to all dealings with social and economic issues.		✓	
2022	M.Com. CA	22PCOA21B1	A. Introduction to Accounting	The introduction of a description essay should set up the tone and point of the essay. The thesis should convey the writer's overall impression of the person, place		✓	
2022	M.Com. CA	22PCOA2N1A	B. Elements of Insurance	insurance is a way to manage your risk. When you buy insurance, you purchase protection against unexpected financial losses. The insurance company pays you or someone you choose if something bad happens to you.		✓	
2022	M.Com. CA	22PCOA3N1B	Internship/ Case Study			✓	

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2022	M.Com. CA	22PCOA3C9	Advanced Corporate Accounting	Further, advanced corporate accounting overviews the creation of different reports and financial statements meant to be used internally. Reports and financial statements are curated on the basis of current data.		✓	
2022	M.Com. CA	22PCOA3C10	Goods and service tax	The goods and services tax (GST) is a value-added tax (VAT) levied on most goods and services sold for domestic consumption.		✓	
2022	M.Com. CA	22PCOA3C11	Programming in c ++	C++ is an object-oriented programming (OOP) language that is viewed by many as the best language for creating large-scale applications.		✓	
2022	M.Com. CA	22PCOA3C12P	Programming in c ++ LAB	The labs() function in C++ returns the absolute value of a long or long int data.		✓	
2022	M.Com. CA	22PCOA3N2A	A. Principles of Management	basic activities that can help you plan, organize and control operations related to material, people, machines, methods, money and markets.		✓	
2022	M.Com. CA	22PCOA3N2B	B. Introduction to Tally	Tally is a complete business		✓	

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				accounting and inventory management software that provides various facilities like Govt.			
2022	M.Com. CA	22PCOA4C13	Python Programming	Python is a computer programming language often used to build websites and software,		✓	
2022	M.Com. CA	22PCOA4C14P	Python Programming lab	students will be able to learn and practice basic python programming. Students can expand their skill set by learning and solving basic problems in python.		✓	
2022	M.Com. CA	22PCOA4E2A	A. Export and Import Management	Exporting refers to the selling of goods and services from the home country to a foreign nation.		✓	
2022	M.Com. CA	22PCOA4E2B	B. Logistic and Supply Chain Management	Logistics focuses on the movement and storage of items in the supply chain.		✓	
2022	M.Com. CA	22PCOA4PW	Project Work Dissertation (80 marks)Viva voce (20 marks)			✓	
2022	M.Com.	22PCO1C1	Managerial Economics	To Understanding the fundamental concepts of managerial economic.		✓	
2022	M.Com.	22PCO1C2	Advanced Financial	The Advanced Financial		✓	

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			Management	Management exam is designed to replicate the role of a senior financial executive or advisor, and prepares candidates to advise management and/or clients on complex strategic financial management issues facing an organisation.			
2022	M.Com.	22PCO1C3	Indian Financial System	The Indian financial system is a complex network of financial institutions, markets, instruments, and services that facilitate the flow of funds between savers and investors.		✓	
2022	M.Com.	22PCO1C4	Human Resource Management	To impart knowledge on the concepts and human resource Management and practices in various organisation.		✓	
2022	M.Com.	22PCO1E1B	A.Entrepreneurial Development	To familiarizes the concept of .entrepreneurial development and gain of some knowledge improvement.		✓	
2022	M.Com.	22PCO1E1B	B.Service Marketing	To gather information and knowledge of service marketing.		✓	
2022	M.Com.		Mutual fund-concepts and	To enable the students to have		✓	

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		22PCO1V1	planning	an overview of Business mutual funds to appreciate the importance of concept of planning .			
2022	M.Com.	22PCO2C5	Research Methodology	To familiarizes the concept of research methodology and analysis graphing method to provide exposure on calculation measures of average.		✓	
2022	M.Com.	22PCO2C6	Quantitative Techniques for Business Decisions	The quantitative approach is to make an optimal decision by using mathematical and statistical models in a situation when the probability of all outcomes is uncertain. In so many words, in decision-making it helps managers solve complex problems.		✓	
2022	M.Com.	22PCO2C7	E-Commerce	E-commerce is a method of buying and selling goods and services online. The definition of e-commerce business can also include tactics like affiliate marketing.		✓	
2022	M.Com.	22PCO2C8P	Accounting Package Lab	packages like Microsoft Excel, be allowed access to		✓	

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				computer preparation and presentation of financial statements and records.			
2022	M.Com.	22PCO2IB1	Industrial Relation	Industrial Relations” refers to all types of relations between employers and workers, be they at national, regional or company level; and to all dealings with social and economic issues.		✓	
2022	M.Com.	22PCO2N1A	A. Introduction to Accounting	The introduction of a description essay should set up the tone and point of the essay. The thesis should convey the writer's overall impression of the person, place		✓	
2022	M.Com.	22PCO2N1B	B. Elements of Insurance	insurance is a way to manage your risk. When you buy insurance, you purchase protection against unexpected financial losses. The insurance company pays you or someone you choose if something bad happens to you.		✓	
2022	M.Com.	22PCO3C9	Advanced Corporate Accounting	Further, advanced corporate accounting overviews the		✓	

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				creation of different reports and financial statements meant to be used internally. Reports and financial statements are curated on the basis of current data.			
2022	M.Com.	22PCO3C10	Organizational Behavior	Organizational behavior is the study of how individuals and groups interact within an organization and how these interactions affect an organization's performance toward its goal or goals. The field examines the impact of various factors on behavior within an organization		✓	
2022	M.Com.	22PCO3C11	Goods and service tax	The goods and services tax (GST) is a value-added tax (VAT) levied on most goods and services sold for domestic consumption. C++ is an object-oriented programming (OOP) language that is viewed by many as the best language for creating large-scale applications.		✓	
2022	M.Com.	22PCO3C12	Corporate Law	Corporate law (also known as business law, company law or		✓	

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				enterprise law) is the body of law governing the rights, relations, and conduct of persons, companies, organizations and businesses. The term refers to the legal practice of law relating to corporations, or to the theory of corporations			
2022	M.Com.	22PCO3N2A	A. Principles of Management	basic activities that can help you plan, organize and control operations related to material, people, machines, methods, money and markets.		✓	
2022	M.Com.	22PCO3N2B	B. Introduction to Tally	Tally is a complete business accounting and inventory management software that provides various facilities like Govt.		✓	
2022	M.Com.	22PCO4C13	Cost and Management Accounting	Python is a computer programming language often used to build websites and software,		✓	
2022	M.Com.	22PCO4C14	Customer Relationship Management	students will be able to learn and practice basic python programming. Students can expand their skill set by learning and solving basic		✓	

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				problems in python.			
2022	M.Com.	22PCO4E2A	A. Export and Import Management	Exporting refers to the selling of goods and services from the home country to a foreign nation.		✓	
2022	M.Com.	22PCO4E2B	B. Logistic and Supply Chain Management	Logistics focuses on the movement and storage of items in the supply chain.		✓	
2022	M.Com.	22PCO4PW	Project Work Dissertation (80 marks)Viva voce (20 marks)			✓	
2022	M.C.A.	22PCA1C1	Programming in java	Concepts in Javaprogramming language.Programming Knowledge in Java.			✓
2022	M.C.A.	22PCA1C2	Mathematical Foundation for Computer Applications	Able to address any real time problem and improve the working flow of computational models			✓
2022	M.C.A.	22PCA1C3	Operating Systems	To understand the operating system functionalities like memory, processor, and scheduler			✓
2022	M.C.A.	22PCA1C4P	Java Programming Lab	To get hands on experience in developing programs using java applications			✓
2022	M.C.A.	22PCA1C5P	Operating System Lab	Able to run various UNIX commands on a standard UNIX/LINUX Operating			✓

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				system (We will be using Ubuntu flavor of the Linux operating system).			
2022	M.C.A.	22PCA1E1A	Computer Networks	Recognize the technological trends of Computer Networking. Evaluate the challenges in building networks and solutions to those. and Explore Transmission Media			✓
2022	M.C.A.	22PCA1E1B	IOT	Gain the basic knowledge about IoT and they will be able to use IoT related products in real life. Able to understand the application areas of IOT. Able to understand building blocks of Internet of Things and characteristics.			✓
2022	M.C.A.	22PCAIV1	Hardware and Networking Essentials	Know the basic components of computer system. Understand the PC architecture and assemble the PC.			✓
2022	M.C.A.	22PCA2C6	Web Technologies	Able to develop a dynamic webpage by the use of java script and			✓

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				DHTML. Know to write a well formed / valid XML document.			
2022	M.C.A.	22PCA2C7	Probability and Statistics	Analyze statistical data graphically using frequency distributions and cumulative frequency distributions. Translate real-world problems into probability models.			✓
2022	M.C.A.	22PCA2C8	Accounting & Financial Management	Understanding basic concepts of Accounts and to Know and apply accounting and finance theory.			✓
2022	M.C.A.	22PCA2C9P	Web Technologies Lab	Able to design and implement dynamic websites with good aesthetic Sense of designing and latest technical know-how's. Develop a Web intranet/internet based Web Service Client.			✓
2022	M.C.A.	22PCA2C10P	Accounting & Financial Management Lab	To understand the appropriateness, the advantages / shortcomings of various accounting & financial management techniques			✓
2022	M.C.A.	22PCA2E1A	Compiler design	Specify and analyze the			✓

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				lexical, syntactic and semantic structures Of advanced language features. Code optimization and instruction selection practices.			
2022	M.C.A.	22PCA2E1B	Data Science	Able to learn proficiency with statistical analysis of data. Able to execute statistical analyses with professional statistical software			✓
2022	M.C.A.	22PCA2N1A	HTML and XML	Learn rules and techniques to create well-formed XML documents, learning to use XML namespaces correctly. Knowledge of developing fully functioning website and deploy on a web server.			✓
2022	M.C.A.	22PCA2N1B	Internet Applications	Provides a broad overview of the principles and technologies used in Internet Applications, with practical experience of client-side and sever-side programming.			✓
2022	M.C.A.	22PCA2I1	Internship	Acquire on job the skills, knowledge, and attitude, which are requisite to constitute a professional		✓	

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				identity.			
2022	M.Sc., Computer Science	22PCS1C1	J2EE Technologies	Provides choices for graphical user interfaces across a company's intranet or on the World Wide Web.			✓
2022	M.Sc., Computer Science	22PCS1C2	OOAD & UML	Helps to visualize, specify, construct, and document the artifacts of an object-oriented system.			✓
2022	M.Sc., Computer Science	22PCS1C3	Distributed Operating System	Collection of independent components located on different machines that share messages with each other in order to achieve common goals.			✓
2022	M.Sc., Computer Science	22PCS1C4P	J2EE Lab	Provides useful building blocks for quickly creating desktop applications			✓
2022	M.Sc., Computer Science	22PCS1E1A	Soft Computing	Enables solutions for problems that may be either unsolvable or just too time-consuming to solve with current hardware.			✓
2022	M.Sc., Computer Science	22PCS1E1B	Digital Image Processing	To enhance the quality of images, extract meaningful information from images, and automate image-based tasks.			✓
2022	M.Sc.,	22PCS1V1	Mobile Communication	Allows us to communicate			✓

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	Computer Science			with others in different locations without the use of any physical connection			
2022	M.Sc., Computer Science	22PCS2C5	Cloud Computing	Virtualization-based technology that allows us to create, configure, and customize applications via an internet connection.			✓
2022	M.Sc., Computer Science	22PCS2C6	Advanced Database Management System	Try to meet the requirements of present-day database applications by offering advanced functionality in terms of data modeling,			✓
2022	M.Sc., Computer Science	22PCS2C7	Mathematical Foundation of Computer Science	Provides an interdisciplinary forum to promote interaction among mathematicians, computer scientists and statisticians as well as engineers to exchange new ideas and techniques for attacking the pressing challenges in data analysis.			✓
2022	M.Sc., Computer Science	22PCS2C8	Network Security	Protects our network and data from breaches, intrusions and other threats.			✓
2022	M.Sc., Computer Science	22PCS2C9P	ADBMS Lab	Gives in depth information about database implementation techniques, data storage,			✓

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				representing data elements, database system architecture, the system catalog, query processing and optimization.			
2022	M.Sc., Computer Science	22PCS2N1A	Desktop Publishing	Creation of electronic forms of information such as documents, presentations, brochures, books, or even website content using computer			✓
2022	M.Sc., Computer Science	22PCS2N1B	Introduction to Graphic Design	The art and practice of planning and projecting ideas and experiences with visual and textual content			✓
2022	M.Sc., Computer Science	22PCS2I1	Python Programming	Used to perform complex statistical calculations, visualize data and create machine learning algorithms			✓
2022	M.Sc., Computer Science	22PCS3C10	Artificial Intelligence & Machine Learning	Allows software applications to become more accurate at predicting outcomes without being explicitly programmed to do so			✓
2022	M.Sc., Computer Science	22PCS3C11	Data Mining and Warehousing	Process of extracting useful information and data patterns from data,			✓
2022	M.Sc.,	22PCS3C12	Compiler Design	The structure and set of			✓

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	Computer Science			principles that guide the translation, analysis, and optimization process of a compiler.			
2022	M.Sc., Computer Science	22PCS3C13P	Artificial Intelligence & Machine Learning Lab	Combines computer science and robust datasets, to enable problem-solving.			✓
2022	M.Sc., Computer Science	22PCS3N2A	Web Designing	Describe the design process relating to the front-end (client side) design of a website including writing markup.			✓
2022	M.Sc., Computer Science	22PCS3N2B	E-Commerce	Buying and selling of goods and services, or the transmitting of funds or data, over an electronic network,			✓
2022	M.Sc., Computer Science	22P3SB	Soft Skills	Character traits and interpersonal skills that characterize relationships with other people and complement hard skills in the workplace.			✓
2022	M.Sc., Computer Science	22P3ES	Employability Skills	Allows to work well with others, apply knowledge to solve problems, and to fit into any work environment.			✓
2022	M.Sc., Computer Science	22PCS4C14	Big Data Analytics	Refers to data sets that are too large or complex to be dealt with by traditional data-			✓

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				processing application software.			
2022	M.Sc., Computer Science	22PCS4E2A	Advanced Software Engineering	An advanced study pathway that provides computer graduates with advanced skills in the design, development and analysis of software systems.			✓
2022	M.Sc., Computer Science	22PCS4E2B	Pervasive Computing	Proposes a proactive interaction between devices and environment with the goal of making one or more technologies transparent to the user.			✓
2022	M.Sc., Computer Science	22PCS4PW	Project	Defined as a sequence of tasks that must be completed to attain a certain outcome.			✓
2022	M.A. English	22PEN1C1	British Literature-I	This course covers selected works in British literature from its beginnings to the Romantic Period.			✓
2022	M.A. English	22PEN1C2	English Language and Linguistics	English Language and Linguistics will enable you to discover the changing shape of English over time and space, and the science behind language acquisition, processing and			✓

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				communication.			
2022	M.A. English	22PEN1C3	Indian English Literature	Indian English literature refers to the body of literary works written in the English language by Indian authors, reflecting the diverse cultures, experiences, and themes of India, while blending Western literary traditions with local influences and narratives. It explores a wide range of topics such as colonialism, identity, cultural clashes, social issues, and the complexities of modern Indian society.	✓		
2022	M.A. English	22PEN1C4	Shakespeare	William Shakespeare, widely regarded as the greatest playwright in the English language, crafted enduring works that explored the depths of human emotion and challenged societal norms, leaving an indelible mark on literature and theater.			✓
2022	M.A. English	22PEN1E1A	Grammar, Rhetoric and	Grammar, rhetoric, and writing are interconnected elements of language and			✓

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			Writing	communication. Grammar focuses on the rules and structures that govern language, rhetoric explores effective persuasion and communication strategies, and writing encompasses the process of expressing ideas coherently and creatively through written form.			
2022	M.A. English	22PEN1E1B	World Classics in Translation	World Classics in Translation is a collection of renowned literary works from various cultures and languages, expertly translated to make these timeless masterpieces accessible to a global audience, celebrating the richness and diversity of world literature.			✓
2022	M.A. English	22PEN1V1	Soft Skills Through Literature	"Soft Skills Through Literature" is a unique approach that explores and enhances essential interpersonal abilities such as communication, empathy, and leadership by engaging with diverse literary works and			

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				their characters, fostering personal growth and emotional intelligence.			
2022	M.A. English	22PEN2C5	British Literature-II	British Literature-II is a course that explores the rich literary tradition of Britain, focusing on works from the 18th to the 21st centuries, showcasing the evolution of themes, styles, and socio-cultural contexts.			✓
2022	M.A. English	22PEN2C6	Literary Criticism	Literary criticism is the evaluation, analysis, and interpretation of literary works, exploring themes, symbols, structures, and techniques employed by authors to deepen our understanding and appreciation of literature.			✓
2022	M.A. English	22PEN2C7	American Literature	American literature encompasses a diverse range of literary works produced within the United States, reflecting the nation's cultural, historical, and social contexts, and exploring themes of identity, individualism, and			✓

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				the American experience.			
2022	M.A. English	22PEN2C8	Translation Theory and Practice	Translation theory and practice refers to the study and application of principles, methods, and techniques involved in the process of translating written or spoken texts from one language to another.			✓
2022	M.A. English	22PEN2I1	Journalism	Journalism is a profession that involves gathering, verifying, and reporting news and information to the public through various media channels, such as newspapers, television, radio, and online platforms, with the aim of providing the public with accurate and timely information about events, issues, and stories that impact society.			✓
2022	M.A. English	22PEN2N1A	A. Tourism	Tourism refers to the activity of traveling to different destinations for leisure, recreation, and the exploration of new cultures and experiences, contributing to			✓

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				economic growth and cultural exchange on a global scale.			
2022	M.A. English	22PEN2N1B	B. Media Studies	Media Studies is an interdisciplinary field that examines the production, consumption, and effects of various forms of media, including print, broadcast, digital, and social media, analyzing their cultural, social, and political significance.			✓
2022	M.A. English	22PEN3C9	British Literature III	British Literature III is a course that explores the rich literary tradition of British authors from the 20th and 21st centuries, delving into their diverse themes, styles, and cultural influences.			✓
2022	M.A. English	22PEN3C10	Literary Theory	Literary theory is a field of study that examines and analyzes literature from various perspectives, including structural, historical, cultural, and psychological, in order to uncover its meaning and significance.			✓

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2022	M.A. English	22PEN3C11	Eco-Literature	Eco-literature, also known as ecological literature or nature writing, encompasses literary works that explore and celebrate the relationship between humans and the natural world.			✓
2022	M.A. English	22PEN3C12	Research Methodology	Research methodology refers to the systematic approach and techniques used to conduct a study or investigation, including the selection of research design, data collection methods, and analysis procedures, aimed at achieving reliable and valid results.			✓
2022	M.A. English	22PEN3N2A	A. English for Proficiency Development	"English for Proficiency Development" is a comprehensive program designed to enhance English language skills and proficiency through targeted learning strategies and practice exercises. It focuses on improving listening, speaking, reading, and writing abilities, helping learners			✓

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				communicate effectively and confidently in various contexts.			
2022	M.A. English	22PEN3N2B	B. English for Career	"English for Career" is a specialized language program designed to enhance professional communication skills, focusing on vocabulary, grammar, and industry-specific terminology to excel in the workplace and advance one's career.			✓
2022	M.A. English	22PEN4C13	British Literature IV	"British Literature IV" is a course that explores the rich and diverse literary traditions of Britain, spanning various periods and genres, offering an in-depth examination of influential works and their historical and cultural contexts. Students engage with masterpieces by renowned British authors, studying their themes, styles, and contributions to the broader literary canon.			✓
2022	M.A. English	22PEN4C14	English Language Teaching	English Language Teaching (ELT) is the practice of			✓

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				instructing and learning the English language, encompassing various methods, techniques, and resources to facilitate effective communication skills in listening, speaking, reading, and writing for non-native English speakers.			
2022	M.A. English	22PEN4E2A	A. English Literature for Competitive Examinations	English Literature for Competitive Examinations is a comprehensive guide that covers the key concepts, themes, and authors of English literature, providing valuable insights and analysis in a concise and accessible manner, ideal for exam preparation.		✓	
2022	M.A. English	22PEN4E2B	B. Comparative Literature	Comparative Literature is a discipline that examines the similarities and differences between literary works from different cultures, languages, and time periods, exploring themes, techniques, and cultural contexts. It focuses on the study of literature as a			✓

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				global and interconnected phenomenon, fostering a deeper understanding of human expression and cultural diversity.			
2022	M.B.A.	22PBA1C1	Management concepts	It is the Process Of Giving Directions And Controlling The Various Activities Of The People To Achieve The Objectives Of An Organization.		✓	
2022	M.B.A.	22PBA1C2	Organizational Behaviour	Organizational Behavior (OB) is the multidisciplinary study of the employee interactions and the organizational processes that seek to create more efficient and cohesive organizations		✓	
2022	M.B.A.	22PBA1C3	Accounting for Managerial Decision	Management Accounting can be referred to as "a system of accounting for management", which provides necessary information to the management for discharge of its functions.		✓	
2022	M.B.A.	22PBA1C4	Mathematics & Statistics	The Book Provides Quantitative Tools To Tackle		✓	

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				Real-Life Problems Of The Corporate World. It Has Been Designed To Prepare MBA Students To Take A Straight Plunge Into The Streams Of Mathematics, Statistics And Operations Research For Business Purposes			
2022	M.B.A.	22PBA1C5	Managerial Communication	Managerial communication refers to interaction among managers and their subordinates within an organization. It is essential for managers to communicate with their team members and vice a versa to ensure maximum productivity and peace at workplace		✓	
2022	M.B.A.	22PBA1C6	Human Resource Management	Human resource management (HRM) is the practice of recruiting, hiring, deploying and managing an organization's employees		✓	
2022	M.B.A.	22PBA1V1	Event Management	Event management is the process of creating and maintaining an event. This process spans from the very beginning of planning all the		✓	

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				way to post-event strategizing.			
2022	M.B.A.	22PBA2C7	Managerial Economics	IT Is A Branch Of Economics Involving The Application Of Economic Methods In The Organizational Decision-Making Process		✓	
2022	M.B.A.	22PBA2C8	Financial Management	Financial management is strategic planning, organizing, directing, and controlling of financial undertakings in an organization or an institute		✓	
2022	M.B.A.	22PBA2C9	Business Research	Business research is the process of gathering relevant information regarding a company's business activities and using it to maximize profit.		✓	
2022	M.B.A.	22PBA2C10	Operation Research	Operations research (OR) is an analytical method of problem-solving and decision-making that is useful in the management of organizations		✓	
2022	M.B.A.	22PBA2C11	Marketing Management	Marketing Management Is The Process Of Planning, Executing, And Tracking The Marketing Strategy Of An		✓	

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				Organization			
2022	M.B.A.	22PBA2N1A	Principles of management	Principles of Management is designed to meet the scope and sequence requirements of the introductory course on management		✓	
2022	M.B.A.	22PBA2N1B	Knowledge Management	Knowledge management is the collection of methods relating to creating, sharing, using and managing the knowledge and information of an organization.		✓	
2022	M.B.A.	22PBA2IB	Production Management	production management, also called operations management, planning and control of industrial processes to ensure that they move smoothly at the required level.		✓	
2022	M.B.A.	22PBA3C12	Strategic Management	Strategic management is the process of setting goals, procedures, and objectives in order to make a company or organization more competitive.			✓
2022	M.B.A.	22PBA3C13	Legal aspects of Business	Legal aspect refers to the selection of words used in business communication so as			✓

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				to ensure their conformity with the rules and regulations laid by the country's business law failure to which may cause a person to be up against legal actions.			
2022	M.B.A.	22PBA3SS1	Managerial Effectiveness	It is governed by managerial skills, competence, intelligence, knowledge, sincerity and creativity.			✓
2022	M.B.A.	22PBA2N1A	Talent Management	It is the attraction, selection, and retention of employees, which involves a combination of HR processes across the employee life cycle			✓
2022	M.B.A.	22PBA2N1B	Digital Economy & E-business	Digital economy is defined as an economy that focuses on digital technologies. It is the administration of conducting any business using the internet, extranet, web, and intranet			✓
2022	M.B.A.	22PBA4C15	Entrepreneurial Development & International Business	Entrepreneurship development is the means of enhancing the knowledge and skill of entrepreneurs through several classroom coaching			✓

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				and programs, and training.			
2022	M.B.A.	22PBA4C16	Total Quality Management	Total quality management (TQM) describes a management approach to long-term success through customer satisfaction			✓
2022	M.B.A.	22PBA3EF1	Security Analysis & Portfolio Management	Security analysis refers to analyzing the value of securities like shares and other instruments to assess the business's total value, which will be useful for investors to make decisions.			✓
2022	M.B.A.	22PBA3EF2	Financial modeling using excel	A model is looking forward instead of backward, a well-built financial model can be easily used to perform scenario and sensitivity analysis.			✓
2022	M.B.A.	22PBA3EF3	Strategic Financial Management	Strategic financial management is when a company uses all of its resources intentionally, in ways that will achieve its goals and create profit.			✓
2022	M.B.A.	22PBA4EF4	Merger & Acquisition	mergers and acquisitions (M&A) refers to the consolidation of companies or			✓

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				their major business assets through financial transactions between companies.			
2022	M.B.A.	22PBA4EF5	Investment Management	It is the process of managing investment portfolios or financial assets, typically for large institutions such as pension funds, endowments, and insurance companies.			✓
2022	M.B.A.	22PBA4EF6	International Financial Management	It is the study of monetary interactions between two or more countries, focusing on areas such as foreign direct investment and currency exchange rates.			✓
2022	M.B.A.	22PBA3EH1	Human Resource Development	It refers to an assortment of training programs that help people adjust to their new roles and learn more about the organization and its culture.			✓
2022	M.B.A.	22PBA3EH2	Organization Change and Development	Organization Development is an objectives based approach to systems change within an organization.			✓
2022	M.B.A.	22PBA3EH3	Conflict and Negotiation Management	It is the process of resolving a dispute or a conflict permanently, by providing for each sides' needs, and			✓

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				adequately addressing their interests so that they are satisfied with the outcome.			
2022	M.B.A.	22PBA4EH4	Compensation Management	Compensation management means the specialist HR discipline of planning and administering everything of financial value that an employer gives an employee in exchange for their work.			✓
2022	M.B.A.	22PBA4EH5	Performance Management	It is a corporate management tool that helps managers monitor and evaluate employees' work.			✓
2022	M.B.A.	22PBA4EH6	Employee empowerment & Engagement	It refers to the manner in which companies provide their employees with anything and everything they need to succeed.			✓
2022	M.B.A.	22PBA3EM1	Digital Marketing	It is a form of marketing that leverages the internet and digital technologies, such as computers and smartphones, to connect with customers.			✓
2022	M.B.A.	22PBA3EM2	Promotional Management	It refers to the process of sharing knowledge about a brand, product, or service through multiple marketing			✓

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				channels to increase brand awareness.			
2022	M.B.A.	22PBA3EM3	Consumer Behaviour	Consumer behavior is the study of individuals, groups, or organizations and all the activities associated with the purchase, use and disposal of goods and services.			✓
2022	M.B.A.	22PBA4EM4	Marketing Analytics	Marketing analytics is a crucial way to develop stronger, more data-informed marketing strategies.			✓
2022	M.B.A.	22PBA4EM5	Leading social enterprise	A social enterprise or social business is defined as a business with specific social objectives that serve its primary purpose.			✓
2022	M.B.A.	22PBA4EM6	Brand Management	It is a function of marketing that uses techniques to increase the perceived value of a product line or brand over time.			✓
2022	M.B.A.	22PBA3ES1	Software Engineering	It is a process of analyzing user requirements and then designing, building, and testing software application which will satisfy that requirements.			✓

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2022	M.B.A.	22PBA3ES2	Business Analytics and Business Intelligence	It refers to the abilities, advances, hones for investigation of past commerce performance to pick up understanding and drive trade arranging.			✓
2022	M.B.A.	22PBASES3	Software Project Management	It is the process of planning and leading software projects. It is a sub-discipline of project management in which software projects are planned, implemented, monitored and controlled.			✓
2022	M.B.A.	22PBA4ES4	Relational Database Management	Relational database is a type of database that stores and provides access to data points that are related to one another.			✓
2022	M.B.A.	22PBA4ES5	Principles Of deep learning	It is related to machine learning based on algorithms inspired by the brain's neural networks			✓
2022	M.B.A.	22PBA4ES6	Data Mining & Data Warehousing	Warehousing is an important aspect of data mining. Warehousing is when companies centralize their data into one database or program.			✓

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2022	M.B.A.	22PBA3EO1	Logistics and supply Chain management	It is the handling of the entire production flow of a good or service starting from the raw components all the way to delivering the final product to the consumer.			✓
2022	M.B.A.	22PBA3EO2	Advance Operation Research	This course is devoted to mathematical modelling of hard optimisation problems. We focus on integer programming techniques to solve these optimisation problems.			✓
2022	M.B.A.	22PBA3EO3	Operations and Production Management	It refers to the application of management principles to the production function in a factory. In other words, production management involves application of planning, organizing, directing and controlling the production process			✓
2022	M.B.A.	22PBA4EO4	Material Management	Materials management uses inventories and production requirements for planning and control to ensure materials are available as required to meet			✓

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				production schedules.			
2022	M.B.A.	22PBA4EO5	Lean Manufacturing	Lean manufacturing is a methodology that focuses on minimizing waste within manufacturing systems while simultaneously maximizing productivity.			✓
2022	M.B.A.	22PBA4EO6	World Class Manufacturing	World class manufacturing is the philosophy of being the best, the fastest, and the lowest cost producer of a product or service.			✓
2022	M.B.A.	22PBA3FO1	Banking Principles and Practices	It is a comprehensive study of finance as a subject and has been put together for students who aspire for careers in banking and intend to appear for banking examinations or work in the financial sector			✓
2022	M.B.A.	22PBA3FO2	Banking Operations and Management	It is characterized by the specific object of management – financial relations connected with banking activities and other relations, also connected with implementing management functions in banking			✓
2022	M.B.A.	22PBA3FO3	International banking and	It is a financial institution that			✓

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			financial services	is based in a foreign location and provides services to clients from around the world			
2022	M.B.A.	22PBA4FO4	Smart Banking Technologies	It is a modern form of banking that uses technology to make it easier for customers to manage their money.			✓
2022	M.B.A.	22PBA4FO5	Central Banking And Monetary Policies	Monetary Policy and Central Banking Central banks play a crucial role in ensuring economic and financial stability			✓
2022	M.B.A.	22PBA4FO6	Digital Payment Systems	Digital payments are transactions that take place via digital or online modes, with no physical exchange of money involved.			✓
2022	M.Sc., Physics	22PPH1C1	Mathematical Physics	To understand various mathematical techniques and concepts and to apply the techniques to solve Physics problems			✓
2022	M.Sc., Physics	22PPH1C2	Classical Mechanics and Special Theory of Relativity	To understand the fundamental principles of classical mechanics and their		✓	

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				applications			
2022	M.Sc., Physics	22PPH1C3	Special Electronics	To understand various techniques and concepts in Electronics, apply these techniques in practical circuits to develop the skill in handling instruments.		✓	
2022	M.Sc., Physics	22PPH1C4P	Physics Practical-I (General Practicals)	Experimental determination of certain physical constants and properties and verification of characteristics and its applications.			✓
2022	M.Sc., Physics	22PPH1E1A	Numerical Methods & Programming in C++	To understand different numerical methods and understand the different computational techniques for physics applications.		✓	
2022	M.Sc., Physics	22PPH1E1B	Electronic Devices and Circuits	To understand the fundamentals of the electronic devices and their circuits.	✓		
2022	M.Sc., Physics	22PPH1V1	Research Publication and ethics	To understanding of ethical issues related to Research and Publication.		✓	
2022	M.Sc., Physics	22PPH2C5	Quantum Mechanics	To understand basic idea of Quantum Mechanics, Apply the angular momentum concept and to understand			✓

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				particles and necessary relativistic modification in particle behavior			
2022	M.Sc., Physics	22PPH2C6	Atomic and Molecular Physics	To understand the outgrowth of the structure, extra nuclear part of the atom and origin of the spectra.		✓	
2022	M.Sc., Physics	22PPH2C7	Thermodynamics and Statistical Physics	Thermodynamics deals with temperature variations in the systems, whereas statistical mechanics theories to solve the system		✓	
2022	M.Sc., Physics	22PPH2C8	Advanced Optics	To understand In-depth, technical instruction on the design, function, and features of binoculars and spotting scopes.			✓
2022	M.Sc., Physics	22PPH2C9P	Physics Practical-II (Microprocessor and C Programming)	To develop programming skills of microprocessor and C programming in Solving some mathematical problems and their applications.			✓
2022	M.Sc., Physics	22PPH2N1A	Physics in Every Day Life	To understand the concepts connection in day today life as physics aspects.		✓	
2022	M.Sc., Physics	22PPH2N1B	Environmental Pollution: Physical Aspects	This paper deals with different aspects of	✓		

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				environmental contamination, which have adverse effects on human health.			
2022	M.Sc., Physics	22PPH2I1	3D Modelling	To develop the skill & knowledge in 3D Modelling & Animation.		✓	
2022	M.Sc., Physics	22PPH3C10	Electromagnetic Theory	To learn the theory for the fields produced by stationary and moving charge and charged systems and propagation of electromagnetic fields.			✓
2022	M.Sc., Physics	22PPH3C11	Solid State Physics	To study the understanding of the basic theoretical models of crystals and the properties of matter from a microscopic point of view.			✓
2022	M.Sc., Physics	22PPH3C12	Crystal Growth and Thin Film Physics	To understand the theoretical concepts involved in crystal growth and thin film and to learn the basic characterizing techniques of materials.		✓	
2022	M.Sc., Physics	22PPH3C13P	Physics Practical-III (Advanced Electronics)	Verification of characteristics and applications of electronic components and devices.			✓
2022	M.Sc., Physics	22PPH3N2A	Renewable energy technologies	To understand the preferential use of renewable energy and		✓	

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				Facilitate Research and Development in renewable energy and energy efficiency			
2022	M.Sc., Physics	22PPH3N2B	Solar energy and its utilization	To understand the Solar Energy Fundamentals to know about Solar Heating and cooling systems	✓		
2022	M.Sc., Physics	22PPH4C14	Nuclear and Particle Physics	To study the understanding properties of nuclei and various types of Nuclear Reactions.			✓
2022	M.Sc., Physics	22PPH4E2A	Nanoscience and Nanomaterial	To learn the structure, properties, characterization and application of nanomaterials.		✓	
2022	M.Sc., Physics	22PPH4E2B	Medical Physics	This paper provides abroad knowledge on the interaction of Non-Ionizing radiation and ultrasound in tissues and their use in medicine.		✓	
2022	M.A. Tamil	22PTA1C1	IkkalaIlakkiyam- I	Creative ability would have developed			✓
2022	M.A. Tamil	22PTA1C2	PakthiIlakkiyam	Awareness of similarities between religions.			✓
2022	M.A. Tamil	22PTA1C3	TholkapiyamEluthathigaram	Have a basic grammatical knowledge of the origin and basics of writing			✓
2022	M.A. Tamil	22PTA1C4	Arallakkiyam	To sensitize the social,			✓

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				political and economic background in the age of moral literature.			
2022	M.A. Tamil	22PTA1E1A	Kannini arimugamum payanpadukalum	The website will know and use the benefits of email			✓
2022	M.A. Tamil	22PTA1E1B	Oodagaviyal	Would have realized the evolution of the media, the need for the media			✓
2022	M.A. Tamil	22PTA1V1	Tamil panbattu varalaru	He is aware of the changes in Tamil culture from time to time		✓	
2022	M.A. Tamil	22PTA2C5	IkkalaIlakkiyam - II	Students will be familiar with short stories, novels and prose in contemporary literature			✓
2022	M.A. Tamil	22PTA2C6	TholkapiyamSollathigaram	Teaching to write Tamil phrases without traditional errors.			✓
2022	M.A. Tamil	22PTA2C7	Kappiyallakkiyam	Get a thorough knowledge of religious ideas			✓
2022	M.A. Tamil	22PTA2C8	IkkalaMozhiyiyal	Know the full knowledge of linguistics			✓
2022	M.A. Tamil	22PTA2I1	Mozhipearpiyal	Understanding the basics of translation			✓
2022	M.A. Tamil	22PTA2N1A	Medai Tamil	Know the importance of the art of speech		✓	
2022	M.A. Tamil	22PTA2N1B	Kanini Tamil	They will have the knowledge to learn online education.			✓
2022	M.A. Tamil	22PTA3C9	TholkapiyamPorulathigaram	Pedagogical cognition of			✓

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			-I	biological norms			
2022	M.A. Tamil	22PTA3C10	Ilakkiya Kolgaigalum Araichi Nerimuraigalum	Explaining the structure of the research			✓
2022	M.A. Tamil	22PTA3C11	Palanthamil Ilakkiyangal - Agam	Teaching ancient Tamil literature			✓
2022	M.A. Tamil	22PTA3C12	Oppilakkiyam	Introduction to world literature			✓
2022	M.A. Tamil	22PTA3N2A	Pani Thervu Tamil	They will be aware of information about employment opportunities.			✓
2022	M.A. Tamil	22PTA3N2B	VilambaraKalvi	Know the usefulness of ads		✓	
2022	M.A. Tamil	22PTA4C13	TholkapiyamPorulathigaram -II	Conceptual Explanation of Tolkien Economic Literary Principles			✓
2022	M.A. Tamil	22PTA4C14	Palanthamil Ilakkiyangal - Puram	Interpretation of departments in the late nineties			✓
2022	M.A. Tamil	22PTA4E2A	Nattupuraviyal	Knowledge of folk customs			✓
2022	M.A. Tamil	22PTA4E2B	Siddhar illakkiyam	Realizing the significance of the songs		✓	
2022	M.A. Tamil	22PTA4PW	Project	Getting full training for the study			✓
2022	M.Sc., Mathematics	22PMM1C1	Abstract Algebra	Modern algebra is the study of algebraic structures.		✓	
2022	M.Sc., Mathematics	22PMM1C2	Real Analysis	Real analysis is a branch of mathematical analysis that analysis the behaviour of real numbers.			✓

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2022	M.Sc., Mathematics	22PMM1C3	Ordinary Differential Equations	Ordinary differential is a differential equation dependent on only a single independent variable.			✓
2022	M.Sc., Mathematics	22PMM1C4	Graph Theory	Which are mathematical structures used to model pairwise relation between objects.			✓
2022	M.Sc., Mathematics	2PMM1E1A	Discrete Mathematics	Objects studied in discrete mathematics include integers, graph, and statements in logic.		✓	
2022	M.Sc., Mathematics	22PMM1E1B	Differential Geomentry	Mathematical displine that studies the geometry of smooth shapes.			✓
2022	M.Sc., Mathematics	22PMM1V1	Introduction to Latex	Latex is generally distributed along with plain TEX.		✓	
2022	M.Sc., Mathematics	22PMM2C5	Linear Algebra	Vector spaces, lines and planes and some mappings.			✓
2022	M.Sc., Mathematics	22PMM2C6	Complex Analysis	Traditionally known as the theory of functions of a complex variable.		✓	
2022	M.Sc., Mathematics	22PMM2C7	Partial Differential Equations	Pde equation is an equation containing an unknown function of two r more variables.			✓
2022	M.Sc., Mathematics	22PMM2C8	Fluid Dynamics	Fluid dynamics is a subdispline of fluid mechanics		✓	

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				that deals with fluid flow in motion,			
2022	M.Sc., Mathematics	22PMM2I1	Mathematical Modeling	Is an attempt to study some part of the real-life problem in mathematical terms.			✓
2022	M.Sc., Mathematics	22PMM2N1A	Quantitative Aptitude-I	Quantitative aptitude is an important part of the aptitude sections.		✓	
2022	M.Sc., Mathematics	22PMM2N1B	Numerical Methods and Statistics	Is an approximate computer method for solving a mathematical problem which often has no analytical solution.		✓	
2022	M.Sc., Mathematics	22PMM3C9	Topology	Topology is the geometric representation of the nodes in a network.			✓
2022	M.Sc., Mathematics	22PMM3C10	Measure Theory and Integration	In statistics a central tendency is a central or typical value for a probability distribution.		✓	
2022	M.Sc., Mathematics	22PMM3C11	Classical Dynamics	Classical mechanics uses common sense notion of how matter and forces exist and interact.			✓
2022	M.Sc., Mathematics	22PMM3C12	Calculus of Variations, Transforms and Integral Equations	A branch of mathematics that is a sort of generalizations.			✓
2022	M.Sc., Mathematics	22PMM3N2A	Quantitative Aptitude-II	Quantitative aptitude is an important part of the aptitude		✓	

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				sections			
2022	M.Sc., Mathematics	22PMM3N2B	R-Programming	R is an language and environment for statistical computing and graphics.		✓	
2022	M.Sc., Mathematics	22PMM4C13	Functional Analysis	In be haviour psychology is the application of the law operant.			✓
2022	M.Sc., Mathematics	22PMM4C14	Numerical Methods	Is an approximate computer method for solving a mathematical problem which often has no analytical solution.		✓	
2022	M.Sc., Mathematics	22PMM4E2A	Fuzzy Mathematics	Is n mathematical system established according to the concept of membership function			✓
2022	M.Sc., Mathematics	22PMM4E2B	Python	Python is a popular programming language. Python can be used on a server to create web applications.			✓
2022	M.Sc., Mathematics	22PMM4PE	Project Work	-		✓	
2022	M.Sc., Chemistry	22PCH1C1	Inorganic Chemistry- I	To impart the theories about bonding. To learn about structure of various co-ordination compounds.		✓	

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				To understand solid state chemistry			
2022	M.Sc., Chemistry	22PCH1C2	Organic Chemistry- I	To understand the basic concepts in organic reaction mechanism and its rearrangements. To know the nomenclature of alicyclic, bicyclic and tricyclic compounds. To understand about the oxidation and reduction.			✓
2022	M.Sc., Chemistry	22PCH1C3	Physical Chemistry-I	Quantum Chemistry will be applied to understanding the basic energetics of atoms and molecules. Covers the fundamental principles and operation of symmetry molecules, study of group theory. An overview of excited state chemistry focuses on the theory of electron transfer process.			✓
2022	M.Sc., Chemistry	22PCH1C4P	Inorganic Chemistry Practical	To perform the semi-micro qualitative. To carry out colorimetric analysis			✓
2022	M.Sc.,	22PCH1CE1A	A) Analytical Chemistry	To impart the knowledge of			✓

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	Chemistry			various instrumental techniques To understand about concepts data and error analysis To learn about principles of chromatographic techniques			
2022	M.Sc., Chemistry	22PCH1CE1B	B) Material Chemistry	To know about the synthesis of inorganic materials To understand about inorganic liquid crystals and superconductors To learn about principles of inorganic photochemistry			✓
2022	M.Sc., Chemistry	22PCH1V1	Pharmaceutical Chemistry	To study the anaesthetics, sedatives, hypnotics, analgesics, antibiotics, enzymes, coenzymes, vitamin and photo transfer catalysis.			✓
2022	M.Sc., Chemistry	22PCH2C5	Inorganic Chemistry-II	To learn about metal ligand bonding. To learn about structure of metallocene. To understand about the reactions of organometallic compounds. To know about basics of reaction Mechanisms of catalysis			✓

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2022	M.Sc., Chemistry	22PCH2C6	Organic Chemistry -II	<p>To understand the nucleophilic and Electrophilic substitution reactions</p> <p>To study the chemistry of pericyclic reactions and stereochemistry.</p> <p>To know about the concept of organic photochemistry.</p>			✓
2022	M.Sc., Chemistry	22PCH2C7	Physical Chemistry-II	<p>To understand the applications of quantum mechanics in atomic and molecular structure.</p> <p>Provides a mathematical tool for studying symmetries of various molecules and their spectroscopy application of group theory.</p> <p>To study the solution and gas phase kinetics and some fast reaction kinetics.</p> <p>To study adsorption isotherm for adsorption on to solid surfaces and to understand heterogeneous catalysis.</p>			✓
2022	M.Sc., Chemistry	22PCH2C8	Polymer Chemistry	<p>To understand the basic concepts of polymers</p> <p>To know the different types of polymerization techniques</p>			✓

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				To learn the various techniques of polymer processing To know the applications of synthetic polymers			
2022	M.Sc., Chemistry	22PCH2C9P	Organic Chemistry Practical	To perform the qualitative analysis of a given organic mixture To carry out the preparation of organic compounds			✓
2022	M.Sc., Chemistry	22PCH2N1A	A) Detergent and fuels	To get knowledge about the preparation and uses of soaps and detergents To help students develop in the safety in laboratory and home. To understand about the fuels and fossil fuels.			✓
2022	M.Sc., Chemistry	22PCH2N1B	b) Soil, water and air pollution	To understand about the Soil, water and air pollution			✓
2022	M.Sc., Chemistry	22PCH2I1	Chromatographic Techniques	To study salient features of thermal methods and atomic absorption spectroscopy. To study the general features of chromatographs and their Basic principles. To understand HPLC Ion		✓	

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				exchange and gel permeation chromatography			
2022	M.Sc., Chemistry	22PCH3C10	Organic Chemistry -III	<p>To learn the about the oxidizing and reducing reagents in organic synthesis.</p> <p>To learn the mechanisms of modern organic synthesis.</p> <p>To be familiar with the retro synthetic analysis and the role of protecting groups in organic reactions.</p>			✓
2022	M.Sc., Chemistry	22PCH3C11	Physical Methods in Chemistry	<p>To impart the principles and applications of molecular spectroscopy.</p> <p>To understand about concepts of NMR spectroscopy</p> <p>To learn about UV-VISIBLE spectroscopy</p> <p>To know about IR, and Raman spectroscopic techniques</p>			✓
2022	M.Sc., Chemistry	22PCH3C12	Industrial Chemistry	<p>To know the basic ideas of an industry and industrial wastes.</p> <p>To study the preparation and uses of petrochemicals.</p> <p>To understand the manufacture of cement, paper</p>			✓

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				and soaps.			
2022	M.Sc., Chemistry	22PCH3C13P	Physical Chemistry Practical	To perform the various physical experiments using different techniques.			✓
2022	M.Sc., Chemistry	22PCH3N2A	A) Food and Drugs	To learn basic knowledge in food To study basic idea about in drugs.		✓	
2022	M.Sc., Chemistry	22PCH3N2B	B) Nanomaterials	Understand the synthesis, characterization, properties and applications of nanomaterials. To get the knowledge of nanomaterials in science and technology			✓
2022	M.Sc., Chemistry	22PCH4C14	Selected Topics In Inorganic And Physical Chemistry	To study the advanced Quantum Chemistry including the atomic orbitals and their energies, and structure of many-electron atoms. To study the molecular spectroscopy, this covers the Microwave spectroscopy, Vibrational spectroscopy, electronic spectroscopy and the Raman spectroscopy. To study the ion-solvent			✓

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				interactions and types of over potential. To know the fundamentals of supramolecules and catalysis by supramolecules			
2022	M.Sc., Chemistry	22PCH4E2A	Environmental & Green Chemistry	To provide, thorough well-designed studies of theoretical and experimental Chemistry, a worthwhile educational experience for all students. To acquire deep knowledge in fundamental aspects of all branches of Chemistry. To acquire basic knowledge in the specialized thrust areas like Supra molecular Chemistry, Materials Chemistry, Chemistry in Nanoscience and Technology etc.			✓
2022	M.Sc., Chemistry	22PCH4E2B	Natural Products	To study the general aspects of alkaloids, steroids, camphor, squalene, Acetic acid, carbohydrates and poly saccharides			✓
2022	M.Sc., Chemistry	22PCH4PW	Project Work	To encompasses a scientific exploration directed towards			

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				investigating a specific problem or inquiry			
2022	M.Sc., Microbiology	22PMB1C1	General Microbiology	Fundamentals knowledge on microorganisms		✓	
2022	M.Sc., Microbiology	22PMB1C2	Microbial Metabolism	Understand the Metabolism of Microbes		✓	
2022	M.Sc., Microbiology	22PMB1C3	Microbial Biochemistry	Importance of Biomolecules and Signaling pathways		✓	
2022	M.Sc., Microbiology	22PMB1C4P	Practical I-Pertaining CCI,CCII & CCIII	To impart hands on training in isolation and staining procedures.		✓	
2022	M.Sc., Microbiology	22PMB1E1A	Biopharmaceuticals	Describe the properties of drug and quality measures in pharmaceutical industry			✓
2022	M.Sc., Microbiology	22PMB1E1B	Fermentation Technology	Design of fermenter ,Fermentation and project recovery.			✓
2022	M.Sc., Microbiology	22PMB1VA	Biosafety, Bioethics And IPR	Property rights and laws of biotechnical inventions.		✓	
2022	M.Sc., Microbiology	22PMB2C5	Advanced Virology	Viral structure and significance in immunity		✓	
2022	M.Sc., Microbiology	22PMB2C6	Microbial Genetics & Molecular Biology	Genetics to gain knowledge on gene expression		✓	
2022	M.Sc., Microbiology	22PMB2C7	Environmental and Agricultural Microbiology	Production of Biofertilizer and bio pesticides		✓	
2022	M.Sc., Microbiology	22PMB2C8	Immunology & Immunotechnology	Knowledge immunological reaction		✓	


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2022	M.Sc., Microbiology	22PMB2C9P	Practicals II- Pertaining CCV,CCVI & CCVII	Technical skills on viral infection, Techniques of agricultural microbiology		✓	
2022	M.Sc., Microbiology	22PMB2N2B	Human Infections and Infection Control.	Concepts methods in infection surveillance		✓	
2022	M.Sc., Microbiology	22PMB2IBC	Clinical Lab Technology/Food & Dairy Industry	Pathogenic mechanism, transmission ,life cycles and lab diagnosis of parasitic infections.			✓
2022	M.Sc., Microbiology	22PMB3C10	Medical Microbiology, Mycology & Phycology	Clinical applications of microbes for the improvement of health		✓	
2022	M.Sc., Microbiology	22PMB3C11	Food and Dairy Microbiology	Food fermentation and food preservation		✓	
2022	M.Sc., Microbiology	22PMB3C12	Recombinant DNA Technology	Role of enzymes in genetic engineering on vectors in cloning.			✓
2022	M.Sc., Microbiology	22PMB3C13	Practical III- Pertaining CCIX,CCX &CCXI	Diagnostic skills on medical microbiology ,State of gene technology		✓	
2022	M.Sc., Microbiology	22PMB3N2A	Quality Assurance & Quality Control	National legal frameworks in an effective food control system			✓
2022	M.Sc., Microbiology	22PMB4C14	Research Methodology & Biostatistics	Some basic concepts of research and its methodologies and to write a research report and thesis.		✓	

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2022	M.Sc., Microbiology	22PMB4CE4	Nanotechnology	Role of microorganism in nanoparticle biosynthesis.			✓
2022	M.Sc., Microbiology	22PMB4PW	Project	The study of the biology of microscopic organisms - viruses, bacteria, algae, fungi, slime molds, and protozoa.		✓	




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