



Kalaingar Karunanidhi Government Arts College for Women (Autonomous)

(Nationally Re-accredited with B⁺⁺ Grade by NAAC 3rd Cycle)

(Affiliated to Bharathidasan University, Tiruchirappalli)

Pudukkottai - 622001, Tamilnadu, India.

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1.1.1 Need Based Courses & Its Relevance To Local / Regional / National / Global Needs

Sl. No.	Programme Name	Course Code	Name of the Course	Course Objective	Local Need	Regional Need	National Need	Global Need
1	B.A / B.Sc / B.Com / B.B.A	18UES	Environmental Studies	To prepare students for career as leaders in understanding and addressing complex environmental issues from a problem-oriented, interdisciplinary perspective	✓	✓	✓	✓
2	B.A / B.Sc / B.Com / B.B.A	18UGS	Gender Studies	To describe the main conceptualizations of gender, including its intersections with other categories of difference such as race, class and sexuality	✓	✓	✓	✓
3	B.A / B.Sc / B.Com / B.B.A	18UVB	Value Education	To create responsible individuals who contribute positively to society. It focuses on building values in students so they become good human beings and citizens.	✓	✓	✓	✓
4	B.A / B.Sc / B.Com / B.B.A	18USB2	Fundamentals of Yoga	To develop basic knowledge about fundamental Yoga postures and Principles for personal health and wellness.	✓	✓	✓	✓
5	B.A / B.Sc / B.Com / B.B.A	18USB3P	Aasanas and Pranayama Practical	To adopt the correct procedure for undertaking Asana and Pranayama.	✓	✓	✓	✓
6	B.A / B.Sc / B.Com / B.B.A	18USS	Soft Skill Development	To enable students to formulate problem solving skills, to guide students in making appropriate and responsible decisions, and to educate students about unproductive thinking, self-defeating emotional impulses, and self-defeating behaviors		✓	✓	✓
7	B.A / B.Sc / B.Com / B.B.A	18UE1	Basic Grammar, Prose & Poetry I	Develop an interest to learn language through literature			✓	✓
8	B.A / B.Sc / B.Com / B.B.A	18UE3	Writing Skills and One Act Plays	To improve the Writing skills			✓	✓
9	B.A / B.Sc / B.Com / B.B.A	18UE4	Writing Skills and Short Stories	To make the students learn the skills of interviewing and resume writing			✓	✓
10	B.A Tamil	18UTL01	Elakkanam 1 Nannool - Ezhuthathikaram	Tamil eluthukkalai arithal	✓	✓	✓	
11	B.A Tamil	18UTLFA1	Ethazhiyal	Ithalkal, Voodagangal kuritha arimugathai valanguthal.	✓	✓	✓	✓
12	B.A Tamil	18UTLFA2	Tamilaga varalarum panpadum	Ilakkiya purithalukkana adippadaiya vilakkuthal.		✓	✓	✓

13	B.A Tamil	18UTL02	Ekkala Elakiyam	Tharkala kavithai pokkai arithal	✓	✓	✓	
14	B.A Tamil	18UTL03	Elakkanam 1 Nannool - Sollthathikaram	Thotarkalai amaikka katrukkollal.	✓	✓	✓	✓
15	B.A Tamil	18UTLFA3	Kavin Kalaikal	Nun kalaikalai patri arinthu kolluthal.	✓	✓	✓	✓
16	B.A Tamil	18UTL04	Elakkanam yapparungkalak karikai	Pa vadivangalukkana adippadi uruppugalai arithal.	✓	✓		
17	B.A Tamil	18UTL05	Ara Elakiyam	Tamil ara elakkiyangal suttum samuga vilumiyangalai arithal.	✓	✓	✓	✓
18	B.A Tamil	18UTLSA1	Nadakaviyal	Kalanthorum nadaga ilakkiyam thantha samuga pangalippai unarthuthal.	✓	✓	✓	✓
19	B.A Tamil	18UTLSA2	Elakiyath thiranayvu	Ilakkiya thiranayvu vakaikal, anuku muraikalai arithal.		✓		
20	B.A Tamil	18UTL06	Thandiyalangaram	Ilakkiya alakiyalai unarthuthal.	✓	✓		
21	B.A Tamil	18UTLSA3	Kalvetiyal	Kalvettukalai padikkindra muraiyai arithal.	✓	✓		
22	B.A Tamil	18UTL07	Nambiyaka porul	Pirkala aga marapai athan ilakkanathai arithal.	✓	✓	✓	
23	B.A Tamil	18UTL08	Sitriyelakiyam	Itaikala ilakkiyangalai arithal.	✓	✓		
24	B.A Tamil	18UTL09	Kappiya Elakiyam	Kappiya ilakkiyangalai avatrin thanmaigalai arithal	✓	✓	✓	✓
25	B.A Tamil	18UTL10	Tamil mozhi varalaru	Kalanthorum tamil eluthukalil earpatta matrathaiyum, ilakkana amaippukalil earpatta matrathiyum arithal.		✓	✓	
26	B.A Tamil	18UTL11	Elakkanam purapporal	Pirkala pura sinthanaigal kurithu therinthu kolluthal.		✓	✓	
27	B.A Tamil	18UTL12	Bakthi Ellakiyam	Bakthi ilakkiyangalai arinthu ayvu nookil kanuthal.	✓	✓		
28	B.A Tamil	18UTL13	Sanga Elakkiyam	Pandaiya ilakkiyathil aga ilakkiya marapugalai arithal.		✓	✓	
29	B.A Tamil	18UTLNM1	Employability Skills	To enhance the employabilityskillset of students			✓	
30	B.A English	18UEL01	Poetry I	Give a detailed description about the rhythms, metrics and other musical aspects of poetry.			✓	✓
31	B.A English	18UEL02	Prose	To expose the students to prose writing over the centuries				✓
32	B.A English	18UEL03	History of English Literature	To Introduce Students to major writers and their works in chronological order.	✓	✓	✓	✓
33	B.A English	18UELFA2	Social History of England	To enlighten the students with the knowledge of social and political history of England.	✓	✓	✓	✓
34	B.A English	18UELFA3	Literary Forms	Create awareness about literary forms and terms.	✓	✓	✓	✓
35	B.A English	18UEL05	Poetry II	To enable Students to assess Poetry as part of Literature		✓	✓	✓
36	B.A English	18UEL06	Drama	To enable students to understand the growth of drama down the ages.		✓	✓	✓
37	B.A English	18UELSA1	Phonetics	To enable them to acquire pronunciation skill	✓	✓	✓	✓
38	B.A English	18UELSA2	Indian and European classics in Translation	Understand the importance of devotion and dedication in human life.	✓	✓	✓	✓
39	B.A English	18UEL09	Shakespeare	To introduce the students to the Plays and Sonnets of Shakespeare.			✓	✓
40	B.A English	18UEL10	English Language Teaching	To train the Students in Language and Language skills required for teaching English	✓	✓	✓	✓
41	B.A English	18UEL11	Indian Writing in English	To introduce students to the Indian writers who have written in English	✓	✓	✓	

42	B.A English	18UEL13	Single Author Study - Rabindranath Tagore	To Introduce Students To A Multi-Faceted Man of Literature	✓	✓	✓	✓
43	B.A English	18UEL14	African and American Literature	To introduce students to a few select writings in African and American literature.	✓	✓	✓	✓
44	B.A English	18UEL15	Literary Criticism	To motivate the students to acquire critical knowledge to analyze critical texts .	✓	✓	✓	✓
45	B.A English	18UELME3	Journalism	To make the students know the aspects of Journalism	✓	✓	✓	✓
46	B.A English	18UELNM1	Employability Skills	To enhance the employabilityskillset of students			✓	
47	B.A History	18UHS03	History of Medieval India from 1206- 1707 C.E.	To know about the conquest, achievements and downfall of the Mughal Emperors.		✓	✓	✓
48	B.A History	18UHSFA2	Working of Indian Constitution	To learn about the Amendment Procedures of the Indian Constitution		✓	✓	
49	B.A History	18UHSFA3	Introduction to Archaeology	To acquire knowledge about the meaning, importance of Epigraphy and Inscriptions of Ancient period		✓	✓	✓
50	B.A History	18UHS04	History of India from 1707-1857 C.E.	To get an idea of Land revenue policy and Popular movements in India.	✓	✓	✓	
51	B.A History	18UHS05	History of Tamil Nadu 1336 - 1987 C.E	To acquire knowledge about the growth of Tamilnadu after Independence	✓	✓	✓	
52	B.A History	18UHSSA1	Principles of Public Administration	To know about the meaning and importance of Public Administration.		✓	✓	
53	B.A History	18UHSSA2	Human Rights	To acquire knowledge about the Contemporary Challenges in Human Rights.		✓	✓	✓
54	B.A History	18UHSNME1	Great Women of India	To understand about the Eminent Women Leaders in India.	✓	✓	✓	
55	B.A History	18UHS06	History of India from 1857-1947 C..E.	To acquire the knowledge about the rise of Nationalism, role of Moderates and Extremists.	✓	✓	✓	
56	B.A History	18UHSSA3	Indian Geography and Tourism	To study about the Types and Changes of Tourism.	✓	✓	✓	
57	B.A History	18UHSNME2	Makers of Modern India	To acquire the knowledge the great Indian political leaders.		✓	✓	
58	B.A History	18UHSSB1	Skill Development in Inscriptional Reading	To get an outline of Ancient scripts in India	✓	✓	✓	
59	B.A History	18UHS07	World Civilization (Excluding India) upto 1453. C.E	To learn about the rise and growth of Civilization, Pre-Historic background of Nile and Historical significance of Babylonia.			✓	✓
60	B.A History	18UHS08	Introduction to Indian Historiography	To know about eminent historians of Ancient and Medieval India.		✓	✓	
61	B.A History	18UHS09	History of USA from 1861-1947 C.E	To get knowledge about the rise of U.S.A as a great power after II world war.			✓	✓
62	B.A History	18UHS10	India Since 1947 C.E.	To study about the role of Sardhar Vallabhai Patel and Re-organization of States in India.	✓	✓	✓	
63	B.A History	18UHSME1	Journalism	To understand about the History of Journalism and Role of Press.		✓	✓	

64	B.A History	18UHS11	Heritage Tourism of India	To know about the richness of Indian Heritage, Cultural, Natural and Wonders of the world.		✓	✓	✓
65	B.A History	18UHS12	History of East Asia 1800-1970 C.E.	To know about the contest for Korea, open door policy and Russo –Japanese war.			✓	✓
66	B.A History	18UHS13	History of Science and Technology	To acquire knowledge about the development of Science and Technology in India.		✓	✓	
67	B.A History	18UHSME2	Panchayat Raj with reference to Tamil Nadu	To study about the concept and evolution of Panchayat Raj in India.		✓	✓	
68	B.A History	18UHSME3	World History from 1453- 1815 C.E.	To get an ideas about the Geographical Discoveries, Renaissance, Reformation, Imperialism and Colonialism.			✓	✓
69	B.A History	18UHSNM1	Employability Skills	To enhance the employabilityskillset of students			✓	
70	B.A Economics	18UEC01	Indian Economic Development	Understand the basic concepts of economic growth and economic development.		✓	✓	
71	B.A Economics	18UEC02	Tamil Nadu Economy	Understand the relevance of economy of the State		✓		
72	B.A Economics	18UECFA1	Statistics for Economics I	Impart a basic knowledge on sampling and census	✓	✓	✓	✓
73	B.A Economics	18UECFA2	Statistics for Economics II	To know the cour with the study of Ancient and Medieval economic thought	✓	✓	✓	
74	B.A Economics	18UECO3	History of Economic Thought	To Evaluate currency exchange value of different international trading system			✓	✓
75	B.A Economics	18UECFA3	Statistics for Economics III	Identify the direction and strength of correlation	✓	✓	✓	✓
76	B.A Economics	18UECO4	Micro Economics I	Identify the basic concepts of probablity and its types, theoretical distribution and its types	✓	✓	✓	✓
77	B.A Economics	18UECO5	Monetary Economics	Experiment with the gained knowledge in basic economic theories, concepts and models		✓	✓	✓
78	B.A Economics	18UECSA1	Basic Mathematics for Economics	Calculate the matrices and determinants with their application in Economics			✓	
79	B.A Economics	18UECSA2	Business Organization	The course aims to provide basic knowledge to the students about the organization management of a business enterprise	✓	✓	✓	
80	B.A Economics	18UECO6	Micro Economics II	To make the students to understand the types of markets and determining the output and prices under different market situation		✓	✓	
81	B.A Economics	18UECSAC3	Marketing	Students will explore careers in sales and marketing preparing them for the school – to – work transition		✓	✓	
82	B.A Economics	18UECO7	Macro Economics -I	To illustrate the concepts of National Income and National Income Accounting and To examine the Classical theory of output and employment	✓	✓	✓	
83	B.A Economics	18UECO8	Managerial Economics	Determinants of Advertising budgets and Take decision for effective risk and uncertainty			✓	
84	B.A Economics	18UECO9	Entrepreneurship Development	Entrepreneurship and Functions of entrepreneur, identify various sources of project finance.		✓	✓	
85	B.A Economics	18UECME1	Environomics	Understand the basic theory of environmental economics and Gain sound knowledge in environmental education and policy measures	✓	✓		

86	B.A Economics	18UEC11	Macro Economics - II	To illustrate the concepts of National Income and National Income Accounting and To examine the Classical theory of output and employment	✓	✓	✓	
87	B.A Economics	18UEC13	International Economics	Compare alternative theories of international trade and Evaluate the impact of tariff and non tariff barriers		✓	✓	
88	B.A Economics	18UECME2	Human Resource Management	Understanding the value and importance of human resources in an organization		✓	✓	✓
89	B.A Economics	18UECME3	Industrial Economics	Compare alternative theories of international trade and Evaluate the impact of tariff and non tariff barriers			✓	✓
90	B.A Economics	18UECNM1	Naan Muthalvan - Mutual Fund	To impart basic knowledge on mutual fund and share market			✓	✓
91	B.A Tourism and Travel Management	18UTT02	Tourism Principles, Policies, and Practices	To gain the knowledge about international perspectives of tourism.	✓	✓	✓	✓
92	B.A Tourism and Travel Management	18UTTFA1	Global Tourism Geography	To be familiar with major tourism destinations worldwide.		✓	✓	✓
93	B.A Tourism and Travel Management	18UTT03	Tourism Product in India	To understand the natural, and man-made tourism. attraction in India and to gain the knowledge about general tourism perspectives.		✓	✓	
94	B.A Tourism and Travel Management	18UTT04	Travel Agency and Tour Operations	To Understand about role and function of travel agencies To inculcate the role and responsibilities of the various. Travel Trade Association.	✓	✓	✓	
95	B.A Tourism and Travel Management	18UTT05	Airlines and Airport Management	To understand origin, growth, and development of Aviation Industry. To study the role of official organization in the Aviation Industry. To assess the do's and don'ts travel formalities.		✓	✓	✓
96	B.A Tourism and Travel Management	18UTTSA2	Hospitality Management	To understand the fundamentals concept of Hospitality industry. To assess various departmental functions of the hotel industry.		✓	✓	
97	B.A Tourism and Travel Management	18UTTNME1	Travel Formalities	To Understand the fundamental concept of tourism industry To gain the knowledge about Passport, Visa, and Travel formalities. To significance of Itinerary preparation and tour costing.	✓	✓	✓	
98	B.A Tourism and Travel Management	18UTTNME2	Airport Formalities	To know about the basic air travel formalities. To gain the knowledge about various air lines and classes of services. To familiarizes the baggage and various rules in the airport. To obtain the travel insurance and other health related issues while in the air travel.			✓	✓

99	B.A Tourism and Travel Management	18UTT06	Ecology, Environment, and Tourism	To obtain the concept of ecology and environment. To attain familiarity about the type's alternative tourism. To gain knowledge about the role and functions of various International and National Organization.	✓	✓	✓	✓
100	B.A Tourism and Travel Management	18UTT11	Tourism Destination Development and Management	To able to understand the importance of the destination management. To learn about the inter-relationship between marketing and destination Image.	✓	✓	✓	
101	B.A Tourism and Travel Management	18UTT08	Cultural Tourism in India	To understand the geography, Landscape, and cultural perspectives of India. To learn about difference types of natural and man-made tourism attractions. To trace out the important various pilgrim centers and their importance.	✓	✓	✓	
102	B.A Tourism and Travel Management	18UTTNM1	Employability Skills	To enhance the employability skillset of students			✓	
103	B.Com	18UCO01	Financial Accounting	To understand the basic principles and concepts of accounting procedures ,basic accounting systems of single entry system	✓	✓	✓	
104	B.Com	18UCO02	Business Environment	To know about the business environment and to Provide Knowledge on the social responsibility of business.	✓	✓	✓	✓
105	B.Com	18UCO03	Business Tools for Decision Making	To enable the students to gain understanding of Statistical techniques which are applicable to business	✓	✓	✓	✓
106	B.Com	18UCO04	Business Accounting	To have working knowledge on Royalty and give knowledge on different aspects of partnership	✓	✓	✓	✓
107	B.Com	18UCO05	Marketing	To enable the students to gain knowledge about marketing and its promotional aspects.	✓	✓	✓	✓
108	B.Com	18UCO06	Cost Accounting	To make the students to gain an expert knowledge of costing system and cost control.	✓	✓	✓	✓
109	B.Com	18UCO07	Financial Management	To familiarize the students with the principle practice of financial management.	✓	✓	✓	✓
110	B.Com	18UCO08	Financial Market and Services	To provide basic knowledge about the financial activities of financial markets and financial services.	✓	✓	✓	✓
111	B.Com	18UCO09	Practical Auditing	To enable the students to understand the basic knowledge of Audit and the qualities of an Auditor.	✓	✓	✓	✓
112	B.Com	18UCO10	Income Tax Law and Practice	To provide an expert knowledge about the principles and practices of law relating to Income Tax in India 2. To develop an understanding in the computati	✓	✓	✓	✓
113	B.Com	18UCO11	Management Accounting	To give basic knowledge on concept of management Accounting.	✓	✓	✓	✓
114	B.Com	18UCO12	Entrepreneurial Development	To know the History and Concept of Entrepreneurship	✓	✓	✓	✓

115	B.Com	18UCO13	Corporate Accounting	To enable the students to have a basic working knowledge in company accounts and shares.	✓	✓	✓	✓
116	B.Com	18UCOME1	Customer Relationship Management	To introduce the basic nuances of Customer Relationship Management	✓	✓	✓	✓
117	B.Com	18UCOME2	Service Marketing	To make the students gain expert knowledge of service marketing.	✓	✓	✓	✓
118	B.Com	18UCOME3	Company Law and Secretarial Practices	To know about the basic concepts of company Act 2013.	✓	✓	✓	✓
119	B.Com	18UCOFA1	Banking Theory Law and Practice	To provide basis knowledge of Banking and its economic development of a country.	✓	✓	✓	✓
120	B.Com	18UCOFA2	Business Management	To enable the students understand the Principles of Management and Management thoughts.	✓	✓	✓	✓
121	B.Com	18UCOFA3	Business Economics	To provide knowledge about basic concepts of Economics.	✓	✓	✓	✓
122	B.Com	18UCOSA1	Business Law	To gain expert knowledge in the principles and practice of law relating to business activities. To have the basic knowledge on laws governing business.	✓	✓	✓	✓
123	B.Com	18UCOSA2	Computer Application in Business (Theory)	To give basic knowledge on concepts of Ms-word. Ms-Excel.	✓	✓	✓	✓
124	B.Com	18UCOSA2P	Computer Application in Business (Practical)	To Provide knowledge in MS-Word,MS-Excel.	✓	✓	✓	
125	B.Com	18UCOSA3	Business Communication	To make the students how to communicate in the business world.	✓	✓	✓	✓
126	B.Com	18UCONME1	Introduction to Operation Research	To enable the students learn the applications of operation reasearch in business management	✓	✓	✓	✓
127	B.Com	18UCONME2	Basic of Quantitative Techniques	To understand the concept of set theory and venn diagrams.	✓	✓	✓	✓
128	B.Com	18UCOSB1	Stock Market Operation	To give learners the basic understanding of the fundamental concepts of stock Marketing.	✓	✓	✓	✓
129	B.Com	18UCONM1	Naan Muthalvan - Mutual Fund	To impart basic knowledge on mutual fund and share market			✓	✓
130	B.B.A	18UBB01	Principles of management	To enable the students to acquire knowledge about the concept and function of management.		✓	✓	
131	B.B.A	18UBB02	Organizational begaviour	To impart the students with knowledge on behavioural dynamic of organization.		✓	✓	
132	B.B.A	18UBBFA1	Financial accounting	To enable them to acquire knowledge of accounting principles and practices.	✓	✓	✓	✓
133	B.B.A	18UBBFA2	Principles of economics	To give them the capacity to make relevance of economic in business decision.	✓	✓	✓	✓
134	B.B.A	18UBB03	Elements of marketing	To make students realize the relationship between marketing channel and corresponding strategies.	✓	✓	✓	✓

135	B.B.A	18UBBFA3	Business mathematics and statistics	To make students to understand the basic mathematical and statistical tools.	✓	✓	✓	✓
136	B.B.A	18UBB04	Business communication	To familiarize the students with basic concept of business communication in the organizational background.	✓	✓	✓	✓
137	B.B.A	18UBB05	Principle of financial management	To expose students to various concept and principle of financial marketing.		✓	✓	✓
138	B.B.A	18UBBSA1	Introduction to cost accounting	To facilitate the students about basic concept, principle and procedures of cost accounting.		✓	✓	✓
139	B.B.A	18UBB06	Production material management	To familiarize the students with the concept, tools and practice of production management.	✓	✓	✓	✓
140	B.B.A	18UBBNM1	Naan Muthalvan - Mutual Fund	To impart basic knowledge on mutual fund and share market			✓	✓
141	B.Sc Mathematics	18UMA04	Vector Calculus and Fourier Series	To introduce Euler Formulae , Convergence of Fourier Series and Uses of Fourier Series			✓	✓
142	B.Sc Mathematics	18UMA05	Sequences and Series	To construct the concept of Binomial theorem for a rational index and some applications.	✓		✓	
143	B.Sc Mathematics	18UMA06	Differential Equations and Laplace transforms	To recognize and implement solution techniques to solve higher order differential equations with constant and Variable coefficients		✓	✓	✓
144	B.Sc Mathematics	18UMA08	Real Analysis	To understand the concept of algebraic, order and completeness properties of the set of real numbers.		✓		✓
145	B.Sc Mathematics	18UMA09	Statics	To outline the basic principles of statics, hydrostatics.		✓		✓
146	B.Sc Mathematics	18UMA10	Complex Analysis	To classify the generating power series and the types of singularities of analytic functions.			✓	✓
147	B.Sc Mathematics	18UMA11	Graph Theory	To build foundation on Chromatic Number and Chromatic index ,The Five Colour Theorem, Chromatic Polynomials			✓	✓
148	B.Sc Mathematics	18UMA12	Numerical Methods	To find approximate solutions to the functions using iterative methods	✓	✓	✓	✓
149	B.Sc Mathematics	18UMA13	Dynamics	To outline the basic principles of dynamics and hydrodynamics.			✓	✓
150	B.Sc Mathematics	18UMA14	Mathematical Modelling	To have a strong knowledge about the Situations that can be Modelled Through Graphs, Mathematical models in terms of Directed Graphs	✓	✓	✓	✓
151	B.Sc Mathematics	18UMA15	Differential Geometry	To be familiar with Geodesics and their differential equations , Geodesics on surface of revolution, Normal property of geodesics			✓	✓
152	B.Sc Mathematics	18UMA16	Theory of Numbers	To summarize the concept of congruence to derive fundamental standard theorems in number theory			✓	
153	B.Sc Mathematics	18UMAME1	Operations Research	To identify and develop operational research models from the verbal description of the real system.		✓	✓	
154	B.Sc Mathematics	18UMAME2	Web Technology	To learn the characteristics of script files, functions and function files, two-dimensional plots and three-dimensional plots			✓	

155	B.Sc Mathematics	18UMAME3	Discrete Mathematics	To understand the concept of tautological implications		✓		✓
156	B.Sc Mathematics	18UMAME4	Quantitative Techniques	To generalize the concept of average, problems on ages, surds and Indices			✓	✓
157	B.Sc Mathematics	18UMAME5	Astronomy	To study about the celestial spaces, earth's paranox, equinox			✓	✓
158	B.Sc Mathematics	18UMASB1	LATEX	To be familiar with the mathematical equations, tables and figures	✓	✓	✓	✓
159	B.Sc Mathematics	18UASM1	Statistics for Mathematics - I	To understand various characteristic of discrete and continuous statistical distribution with mathematical techniques	✓		✓	
160	B.Sc Mathematics	18UASM2P	Computational Methods in Statistics	To understand the concept of creating tables, Sections, labelling and tables of contents			✓	✓
161	B.Sc Mathematics	18UASM3	Statistics for Mathematics - III	To evaluate small and large sample test	✓		✓	
162	B.Sc Mathematics	18UMANM1	Naan Muthalvan - Project Based Experimental Learning (Sales force associate)	To enable students learn and develop projects on Sales Force			✓	✓
163	B.Sc Physics	18UPH01	Properties of Matter and Sound	To study the basic principles of properties of matter and sound.			✓	
164	B.Sc Physics	18UPH02P	Major Practical - I	To apprehend the basics of Properties of matter, Optics, Electricity and Electronics by doing related experiments.		✓	✓	
165	B.Sc Physics	18UPH03	Mechanics And Relativity	To outline the basic principles of dynamics, statics, hydrostatics and hydrodynamics.			✓	
166	B.Sc Physics	18UPH04	Thermal Physics and Statistical Mechanics	To apprehend the concepts of specific heat capacity, transmission of heat, low temperature physics, thermodynamics and statistical mechanics.			✓	
167	B.Sc Physics	18UPH05P	Major Practical - II	Apply the basic principles of heat, electricity, electronics and optics by doing the relevant experiments.		✓	✓	
168	B.Sc Physics	18UPH06	Electricity and Magnetism	To study the basic principles of electricity, electrostatics and electromagnetism.			✓	
169	B.Sc Physics	18UPH07	Optics and Spectroscopy	To study the concepts of reflection and refraction, interference of light, diffraction, polarization and spectroscopy.			✓	
170	B.Sc Physics	18UPH08	Atomic and Nuclear Physics	To recall the concepts of atom model, atomic spectra, nuclear fission and fusion.			✓	✓
171	B.Sc Physics	18UPH09	Analog Electronics	To recall the concepts of semiconductors, amplifiers and oscillators.		✓	✓	
172	B.Sc Physics	18UPH10P	Major Practical - III	To obtain practical knowledge in various topics in General Physics and Electronics.			✓	
173	B.Sc Physics	18UPH11P	Major Practical - IV	To design various electronic circuits using IC and Programming in C and in Microprocessor 8085.		✓	✓	
174	B.Sc Physics	18UPHME1	Digital Electronics And Microprocessor 8085	To recall the concepts of number systems, logic gates, combinational and sequential systems.			✓	

175	B.Sc Physics	18UPH12	Elementary Solid-State Physics	To summarize the basic ideas of crystal structure, X-Ray diffraction, dielectrics, and superconductors.			✓	
176	B.Sc Physics	18UPH13	Classical And Wave Mechanics	To summarize the basic ideas of the system of particles, equation of motion, wave nature of matter, postulates of wave mechanics and the applications of Schrodinger's equations.			✓	
177	B.Sc Physics	18UPHME2	Programming In 'C'	To comprehend the fundamentals of C, operators, control statements, arrays, functions and pointers		✓	✓	
178	B.Sc Physics	18UPHME3	Energy Physics	To summarize the concepts of solar energy, wind energy, biomass energy and oceans thermal energy.			✓	✓
179	B.Sc Physics	18UAC1	General Chemistry – I	To Learn about Typical substitution reactions of aromatic compounds	✓	✓	✓	✓
180	B.Sc Physics	18UAC2P	Allied Chemistry Practical	To acquire the skills of doing quantitative estimations by titrimetry.		✓	✓	
181	B.Sc Physics	18UAC3	General Chemistry – II	To Learn about Emulsions, gels – preparation, properties and uses.		✓	✓	
182	B.Sc Physics	18UPHNM1	Naan Muthalvan - Project Based Experimental Learning (Sales force associate)	To enable students learn and develop projects on Sales Force			✓	✓
183	B.Sc Chemistry	18UCH01	General Chemistry – I	To Analyze the hybridization of simple inorganic molecules.	✓	✓	✓	✓
184	B.Sc Chemistry	18UCH02P	Volumetric & salt analysis	To know the chemistry of carbonyl compounds	✓	✓	✓	
185	B.Sc Chemistry	18UCH03	General Chemistry – II	To get the experience in the estimation of various Inorganic compounds	✓	✓	✓	✓
186	B.Sc Chemistry	18UCH04P	Physical practical -I	To know the chemistry of carbonyl compounds.	✓		✓	
187	B.Sc Chemistry	18UCH05	General Chemistry – III	To Analyze the hybridization of simple inorganic molecules.		✓	✓	
188	B.Sc Chemistry	18UCH06P	Organic analysis	To develop the skills for perfect value for physical method		✓	✓	
189	B.Sc Chemistry	18UCH07	General Chemistry – IV	To Determine aromaticity and general mechanism of electrophilic substitution reaction.	✓	✓	✓	
190	B.Sc Chemistry	18UCH08P	Gravimetric analysis	To develop the skills for perfect value for various compound	✓	✓		
191	B.Sc Chemistry	18UCH09	Inorganic Chemistry	To develop the skills for perfect value for physical method	✓	✓	✓	✓
192	B.Sc Chemistry	18UCH10	Organic Chemistry – I	To Explain the conformational analysis of cyclic and acyclic system	✓	✓	✓	
193	B.Sc Chemistry	18UCH11	Physical Chemistry – I	To Learn the three laws of the thermodynamics and their application	✓	✓	✓	✓
194	B.Sc Chemistry	18UCH12P	Qualitative Organic Analysis	To Get the experience in the estimation of various organic compounds	✓	✓	✓	✓
195	B.Sc Chemistry	18UCHME1	Analytical Chemistry	To Explain the preparation, properties and types polymers	✓	✓	✓	✓
196	B.Sc Chemistry	18UCHSB1	Chemistry in every day life	To Illustrate the cleaning action of Soap and synthetic Detergents.	✓	✓	✓	
197	B.Sc Chemistry	18UCHNME1	Non Major Elective - I	To Explain the preparation, properties and types polymers.	✓	✓	✓	

198	B.Sc Chemistry	18UCH13	Organic Chemistry- II	To Illustrate the cleaning action of Soap and synthetic Detergents.	✓	✓	✓	
199	B.Sc Chemistry	18UCH14	Physical Chemistry – II	To Analyse splitting NMR spectroscopy and the principle of Mass spectroscopy.	✓	✓	✓	✓
200	B.Sc Chemistry	18UCH15P	Qualitative Organic Analysis	To Develop the knowledge in handling of electrical balance.	✓		✓	
201	B.Sc Chemistry	18UCHME2	Agricultural Chemistry	To Analyze the plant growth and development due to different fertilizers	✓	✓	✓	✓
202	B.Sc Chemistry	18UCHME3	Industrial Chemistry	To Interpret various manufacturing process of soaps and detergents	✓	✓	✓	✓
203	B.Sc Chemistry	18UCHNME2	Non Major Elective - II	To Discuss sources, importance, requirements, and deficiency diseases of vitamins.		✓	✓	✓
204	B.Sc Chemistry	18UCHNM1	Employability Skills	To enhance the employabilityskillset of students			✓	
205	B.Sc Computer Science	18UCS01	Programming in C	To impart Programming Skills in C language	✓	✓	✓	✓
206	B.Sc Computer Science	18UCS02P	Programming in C Lab	To impart Programming Skills in C language	✓	✓	✓	✓
207	B.Sc Computer Science	18UCS03	Programming in C++	To impart Programming Skills in C++ language	✓	✓	✓	✓
208	B.Sc Computer Science	18UCS04P	C++ Programming Lab	To impart Programming Skills in C++ language	✓	✓	✓	✓
209	B.Sc Computer Science	18UCS05	Data Structures and Algorithms	To understand the basic principles of data structures and to impart the skill of writing efficient datastructure algorithms and analyzing them			✓	✓
210	B.Sc Computer Science	18UCS06P	Visual Basic Programming and Data Structures Lab	To implement different data structures in C		✓	✓	✓
211	B.Sc Computer Science	18UCS07	Programing in Java	To impart the programming knowledge and skill in Java.	✓	✓	✓	✓
212	B.Sc Computer Science	18UCS08P	Java Programming Lab	To impart the programming knowledge and skills in Java.	✓	✓	✓	✓
213	B.Sc Computer Science	18UCSSB1	Office Automation	To understand the special features of MS Word, Ecel and Powerpoint	✓	✓	✓	✓
214	B.Sc Computer Science	18UCS09	Programming in Python	To impart the programming knowledge and skill in Python.	✓	✓	✓	✓
215	B.Sc Computer Science	18UCS10	Data Base Management System	To introduce the concept of basic data models and to give the basic knowledge on relational database		✓	✓	✓
216	B.Sc Computer Science	18UCS11	Computer Networks	To study the concepts of Network model and the applications of various layers in the Network model.	✓	✓	✓	✓
217	B.Sc Computer Science	18UCS12P	Python Programming Lab	To train students in Python	✓	✓	✓	✓
218	B.Sc Computer Science	18UCS13P	RDBMS Lab	To write queries to extract data from database	✓	✓	✓	✓
219	B.Sc Computer Science	18UCSME1	Computer Graphics	To give broader understanding of the basics of graphic devices, 2-D and 3-D transformations.		✓	✓	✓

220	B.Sc Computer Science	18UCS14	Digital Design and Microprocessor	To impart the basic knowledge of digital devices and to know about the concepts of Assembly language programming		✓	✓	
221	B.Sc Computer Science	18UCS15	Operating System	To present the fundamental aspects of various managements in an Operating System.		✓	✓	
222	B.Sc Computer Science	18UCS16P	Web Designing Lab	To train the students in the skill of designing web pages using HTML	✓	✓	✓	✓
223	B.Sc Computer Science	18UCS17P	Microprocessor Lab	To understand Assembly language programming		✓		
224	B.Sc Computer Science	18UCSME2	Programming in PHP	To provide an overview of developing webpages and simple applications using PHP	✓	✓	✓	✓
225	B.Sc Computer Science	18UCSME3	Software Engineering	To introduce the basic concepts of software engineering and the various phases in software development.		✓	✓	
226	B.Sc Computer Science	18UCSNM1	Naan Muthalvan - Project Based Learning (AI/Data Analytics and Visualisation/Front End Development/ Software Testing)	To train the students on the approach to building solutions by applying critical thinking and problem-solving capabilities in a collaborative environment		✓	✓	✓
227	B.Sc Zoology	18UZO01	Invertebrata	To understand the level of organization in animal kingdom from unicellular organism to multi-cellular organism ,the classification, characteristics and analyze the structural organization of organisms.	✓	✓	✓	
228	B.Sc Zoology	18UZO03	Chordata	To learn the animal organ system and its functional variations from prochordata to higher vertebrate, the classification and characteristics of different classes of Chordates.	✓	✓	✓	
229	B.Sc Zoology	18UZO04	Animal Physiology and Biochemistry	To understand the aspects of Nutrition, Digestion and Respiration, Excretion and Circulation , the various aspects of Muscle, Nerve, Reproductive Physiology and Endocrinology. the structure and functions of Biological molecules.		✓	✓	✓
230	B.Sc Zoology	18UZO06	Developmental Biology and Evolution	To understand the Theories of developmental process, Gametogenesis and Fertilization, the cleavage patterns, morphogenetic movements and organogenesis and development of organs in Frog.			✓	✓
231	B.Sc Zoology	18UZO12	Environmental Biology and Management	To understand the concepts of Abiotic factors and Biotic factors, the Community and Population Ecology, the types of Pollution and the importance of Solid waste Management and conservation of Forest.	✓	✓	✓	✓
232	B.Sc Zoology	18UZO14	Sericulture	To understand the History and development of Sericulture.	✓	✓	✓	
233	B.Sc Zoology	18UZONM1	Employability Skills	To enhance the employabilityskillset of students			✓	

234	B.Sc Botany	18UBO13	Agricultural Microbiology	To study the Internal structures of Lower Plant groups	✓	✓	✓	
235	B.Sc Botany	18UBO14	Medico-Ethnobotany	To study the use of whole plants or their parts for their medicinal purposes by indigenous people.	✓	✓	✓	
236	B.Sc Botany	18UBOME1	Herbal Science	To understand the importance of the medicinal plant wealth in India and the role of Medicinal plants in human health care.	✓	✓	✓	
237	B.Sc Botany	18UBOME3	Bioinstrumentation and Bioinformatics	To understand the basic principles of Microscopy and micro techniques.	✓	✓	✓	✓
238	B.Sc Botany	18UBOME4	Applied Microbiology	To understand the importance of the medicinal plant wealth in India and the role of Medicinal plants in human health care.	✓	✓	✓	✓
239	B.Sc Botany	18UBOME6	Biofertilizers	To study the importance of horticultural crops and their propagation methods	✓	✓	✓	
240	B.Sc Botany	18UBOME1	Biofertilizers and biopesticides	To understand the basics of biofertilizers and their cultivation	✓	✓	✓	
241	B.Sc Botany	18UBOME2	Horticulture	To study the importance of horticultural crops and their propagation methods and to understand the types of gardens and their establishment	✓	✓	✓	
242	B.Sc Botany	18UBOME3	Gardening	To study the importance of horticultural crops and their propagation methods	✓	✓	✓	✓
243	B.Sc Botany	18UACB1	General Chemistry – I	To Demonstrate the Production Fuel gases and Soaps and Detergents	✓	✓	✓	✓
244	B.Sc Botany	18UACB2P	Allied Chemistry Practical	To Carry out the methods of analyzing the organic compounds qualitatively	✓	✓	✓	✓
245	B.Sc Botany	18UACB3	General Chemistry – II	To Learn about Emulsions, gels – preparation, properties and uses.	✓	✓	✓	✓
246	B.Sc Botany	18UBONM1	Naan Muthalvan - Medical Coding	To impart medical coding skills to students thereby enhancing employability	✓	✓	✓	✓
247	B.A / B.Sc / B.Com / B.B.A	21UES	Environmental Studies	To prepare students for career as leaders in understanding and addressing complex environmental issues from a problem-oriented, interdisciplinary perspective	✓	✓	✓	✓
248	B.A / B.Sc / B.Com / B.B.A	21UGS	Gender Studies	To describe the main conceptualizations of gender, including its intersections with other categories of difference such as race, class and sexuality	✓	✓	✓	✓
249	B.A / B.Sc / B.Com / B.B.A	21UVB	Value Education	To create responsible individuals who contribute positively to society. It focuses on building values in students so they become good human beings and citizens.	✓	✓	✓	✓
250	B.A / B.Sc / B.Com / B.B.A	21USS	Soft Skill for Professionals	To enable students to formulate problem solving skills, to guide students in making appropriate and responsible decisions, and to educate students about unproductive thinking, self-defeating emotional impulses, and self-defeating behaviors	✓	✓	✓	✓

251	B.A / B.Sc / B.Com / B.B.A	21USB2	Heath and Yoga	To develop knoledge about Yoga postures and Principles for personal health and wellness.To adopt the correct procedure for Asana and Pranayama.	✓	✓	✓	✓
252	B.A / B.Sc / B.Com / B.B.A	21UT1	Ekkala Elakiyam	Tharkala, Naveena kavithaikalai arinthu kollal matrum ayvu seithal.			✓	✓
253	B.A / B.Sc / B.Com / B.B.A	21UT2	Voodagaviyal	Thagaval thodarpu voodagangalin valarchi pokkai arithal.			✓	✓
254	B.A / B.Sc / B.Com / B.B.A	21UT3	Potti thervirkana tamil	Potti thervirkana thiran katru payan peral.			✓	✓
255	B.A / B.Sc / B.Com / B.B.A	21UT4	Ilakkiya Araychi nerimuraigal	Ilakkiya araychi muraigalin neri muraikalai arinthu ayviyal nokkil payan peral.			✓	✓
256	B.A Tamil	21UTL01	Ekkala Elakiyam	Tharkala kavithai pokkai arithal	✓	✓	✓	
257	B.A Tamil	21UTL02	Elakkanam 1 Nannool - Ezhuthathikaram	Tamil eluthukkalai arithal	✓	✓	✓	✓
258	B.A Tamil	21UTLFA1	Ethazhiyal	Ithalkal, Voodagangal kuritha arimugathai valanguthal.	✓	✓	✓	✓
259	B.A Tamil	21UTL03	Elakkanam 1 Nannool - Sollthathikaram	Thotarkalai amaikka katrukkollal.	✓	✓	✓	✓
260	B.A Tamil	21UTL04	Neethi Elakiyam	Tamil ara elakkiyangal suttum samuga vilumiyangalai arithal.	✓	✓	✓	✓
261	B.A Tamil	21UTLFA2	Sutrulaviyal	India thamizhaga sutrula kuruthu vilippunarvu arivai uruvakka seithal.	✓	✓	✓	✓
262	B.A Tamil	21UTLFA3	Kavin Kalaikal	Nun kalaikalai patri arinthu kolluthal.	✓	✓	✓	✓
263	B.A Tamil	21UTL05	Elakkanam yapparungkalak karikai	Pa vadivangalukkana adippadi uruppugalai arithal.	✓	✓	✓	
264	B.A Tamil	21UTL06	Kappiyam	Kappiya ilakkiyangalai avatrin thanmaigalai arithal	✓	✓	✓	✓
265	B.A Tamil	21UTLSA1	Nadakaviyal	Kalanthorum nadaga ilakkiyam thantha samuga pangalippai unarthuthal.	✓	✓	✓	✓
266	B.A Tamil	21UTL07	Thandiyalangaram	Ilakkiya alakiyalai unarthuthal.	✓	✓		
267	B.A Tamil	21UTL08	Sitriyelakiyam	Itaikkala ilakkiyangalai arithal.	✓	✓		
268	B.A Tamil	21UTLSA2	Elakiyath Thiranayvu	Ilakkiya thiranayvu vakaikal, anuku muraikalai arithal.		✓		
269	B.A Tamil	21UTLSA3	Kalvetiyal	Kalvettukalai padikkindra muraiyai arithal.	✓	✓		
270	B.A Tamil	21UTL09	Nambiyaka Porul	Pirkala aga marapai athan ilakkanathai arithal.	✓	✓	✓	
271	B.A Tamil	21UTL10	Bakthi illakiyam	Bakthi ilakkiyangalai arinthu ayvu nookil kanuthal.	✓	✓		
272	B.A Tamil	21UTL11	Sanga aga Elakkiyam	Pandaiya ilakkiyathil aga ilakkiya marapugalai arithal.		✓	✓	
273	B.A Tamil	21UTL12	Sanga pura ellakkiyam	pandaiya ilakkiyathil pura ilakkiya marapugalai arithal.	✓	✓	✓	✓
274	B.A Tamil	21UTLME1	Ikkakala Tamil Marabu	Mozhi amaippai ariviyaal nokkil arithal.	✓	✓	✓	
275	B.A Tamil	21UTL13	Elakkanam Purapporal	Pirkala pura sinthanaigal kurithu therinthu kolluthal.		✓	✓	
276	B.A Tamil	21UTL14	Tamil Mozhi Varalaru	Kalanthorum tamil eluthukalil earpatta matrathaiyum, ilakkana amaippukalil earpatta matrathiyum arithal.		✓	✓	
277	B.A Tamil	21UTL15	Sitharelakkiyam	Sithar padakal vali ariviyaal matrum manutaviyaal arithal.	✓	✓		
278	B.A Tamil	21UTLME2	Mozhi peyarpiyal	Pira mozhi ilakkiyangalai mozhi peyarthu arithal.		✓	✓	✓
279	B.A Tamil	21UTLME3	Tamilaga varalarum panpadum	Ilakkiya purithalukkana adippadaiya vilakkuthal.		✓	✓	✓

280	B.A English	21UEL01	Poetry I	Give a detailed description about the rhythms, metrics and other musical aspects of poetry.			✓	✓
281	B.A English	21UEL02	Prose	To expose the students to prose writing over the centuries				✓
282	B.A English	21UELFA1	Literary Trends and Movement	To know the students the literary trends and movements.	✓	✓	✓	✓
283	B.A English	21UEL03	Ara Elakiyam	Tamil ara elakkiyangal kattum samuga vilumiyangalai arithal.	✓	✓	✓	✓
284	B.A English	21UEL04	Kappiya elakiyam	Kappiya ilakkiyangal suttum valviyal vilumiyangalai arithal.			✓	✓
285	B.A English	21UELFA2	Tholkapiyam - sollathigaram	Tamil mozhi thodaramaippu muraigalai katrukkolluthal.	✓	✓	✓	✓
286	B.A English	21UELFA3	Opilakiyam	Tamil matrum pira mozhi elakkiyangalai oppittu nokkil katral.	✓	✓	✓	✓
287	B.A English	21UEL05	Oppittu nokil ulaga semmozhi	Tamil ullitta ulaga semmozhiyalai oppittu avatrin thani thanmaiya arithal.		✓	✓	✓
288	B.A English	21UEL06	Tholkappiyam-porulathigaram (1-5 iyalkal)	Tamilin pandaiya agam, pura ilakkiya marapugalai arithal.		✓	✓	✓
289	B.A English	21UELSA1	Nattapuraviyal	Nattuppura kalaikal, ilakkiyangalai arithal.	✓	✓	✓	✓
290	B.A English	21UEL07	New Literature	To acquaint students with the literatures other than British and American.	✓	✓	✓	✓
291	B.A English	21UEL08	Children Literature	To inculcate the students the values through fairy tales and stories retold	✓	✓	✓	✓
292	B.A English	21UELSA2	Indian and European classics in Translation	Understand the importance of devotion and dedication in human life.	✓	✓	✓	✓
293	B.A English	21UELSA3	Comparative Literature	To expose the students to the theory of Comparative Literature.	✓	✓	✓	✓
294	B.A English	21UELSE1	Developing Reading Skills	To improve the Reading Skill of the students	✓	✓	✓	✓
295	B.A English	21UEL09	Shakespeare	To introduce the students to the Plays and Sonnets of Shakespeare.			✓	✓
296	B.A English	21UEL10	English Language Teaching	To train the Students in Language and Language skills required for teaching English	✓	✓	✓	✓
297	B.A English	21UEL11	Indian Writing in English	To enable learners to critically analyze language theories and methods	✓	✓	✓	
298	B.A English	21UEL12	Subaltern Writings of India	To introduce students to the Indian writers who have written in English.	✓	✓	✓	✓
299	B.A English	21UELME1	Communication and Life Skills	To introduce Life skills, Communicative and Personality Skills to the students	✓	✓	✓	✓
300	B.A English	21UELSE2	Introduction to Translation Studies	To enable the students to explore and define translation.	✓	✓	✓	✓
301	B.A English	21UEL13	Single Author Study - Rabindranath Tagore	To Introduce Students To A Multi-Faceted Man of Literature	✓	✓	✓	✓
302	B.A English	21UEL14	African and American Literature	To introduce students to a few select writings in African and American literature.	✓	✓	✓	✓

303	B.A English	21UEL15	Literary Criticism	To motivate the students to acquire critical knowledge to analyze critical texts .	✓	✓	✓	✓
304	B.A English	21UELME2	Women Studies	To make the students appreciate the writings of Women	✓	✓	✓	✓
305	B.A English	21UELME3	Journalism	To make the students know the aspects of Journalism	✓	✓	✓	✓
306	B.A History	21UHS01	History of India from Pre History to 1206 C.E	To study about the sources, special features of Indus Valley Civilization and Pre- Mauryan culture.		✓	✓	✓
307	B.A History	21UHS02	History of Tamil Nadu upto 1336 C.E.	To study about Sources, Geographical features and Polity of the Sangam Age.	✓	✓	✓	
308	B.A History	21UHSFA1	Modern Governments	To study about the meaning and classification of Constitution.		✓	✓	✓
309	B.A History	21UHS03	History of Medieval India from 1206- 1707 C.E.	To know about the conquest, achievements and downfall of the Mughal Emperors.		✓	✓	✓
310	B.A History	21UHS04	History of Tamil Nadu 1336 - 1987 C.E	To acquire knowledge about the growth of Tamilnadu after Independence	✓	✓	✓	
311	B.A History	21UHSFA2	Working of Indian Constitution	To learn about the Amendment Procedures of the Indian Constitution		✓	✓	
312	B.A History	21UHSFA3	Introduction to Archaeology	To acquire knowledge about the meaning, importance of Epigraphy and Inscriptions of Ancient period		✓	✓	✓
313	B.A History	21UHS05	History of India from 1707-1857 C.E.	To get an idea of Land revenue policy and Popular movements in India.	✓	✓	✓	
314	B.A History	21UHS06	History of India from 1857-1947 C..E.	To acquire the knowledge about the rise of Nationalism, role of Moderates and Extremists.	✓	✓	✓	
315	B.A History	21UHSSA1	Principles of Public Administration	To know about the meaning and importance of Public Administration.		✓	✓	
316	B.A History	21UHS07	India Since 1947 C.E.	To study about the role of Sardhar Vallabhai Patel and Re-organization of States in India.	✓	✓	✓	
317	B.A History	21UHS08	History of England (1485 A.D - 1688 A.D)	To get an idea about the policies of James I and Charles I.			✓	✓
318	B.A History	21UHSSA2	Human Rights	To acquire knowledge about the Contemporary Challenges in Human Rights.		✓	✓	✓
319	B.A History	21UHSSA3	Indian Geography and Tourism	To study about the Types and Changes of Tourism.	✓	✓	✓	
320	B.A History	21UHSSE1	Skill Development in Inscriptional Reading	To get an outline of Ancient scripts in India	✓	✓	✓	
321	B.A History	21UHS09	World Civilization (Excluding India) upto 1453. C.E	To learn about the rise and growth of Civilization, Pre-Historic background of Nile and Historical significance of Babylonia.			✓	✓
322	B.A History	21UHS10	History of USA from 1861-1947 C.E	To get knowledge about the rise of U.S.A as a great power after II world war.			✓	✓
323	B.A History	21UHS11	History of East Asia 1800-1970 C.E.	To know about the contest for Korea, open door policy and Russo –Japanese war.			✓	✓
324	B.A History	21UHS12	History of Science and Technology	To acquire knowledge about the development of Science and Technology in India.		✓	✓	

325	B.A History	21UHSME1	Journalism	To understand about the History of Journalism and Role of Press.		✓	✓	
326	B.A History	21UHS13	World History from 1453- 1815 C.E.	To get an ideas about the Geographical Discoveries, Renaissance, Reformation, Imperialism and Colonialism.			✓	✓
327	B.A History	21UHS14	Panchayat Raj with reference to Tamil Nadu	To study about the concept and evolution of Panchayat Raj in India.		✓	✓	
328	B.A History	21UHS15	History of Russia 1696 – 1990 A.D.	To learn about the historical background of Russia in the 17 th century.				✓
329	B.A History	21UHSME2	Introduction to Indian Historiography	To know about eminent historians of Ancient and Medieval India.		✓	✓	
330	B.A History	21UHSME3	Heritage Tourism of India	To know about the richness of Indian Heritage, Cultural, Natural and Wonders of the world.		✓	✓	✓
331	B.A History	21UHSNME2	Makers of Modern India	To acquire the knowledge the great Indian political leaders.	✓	✓	✓	
332	B.A History	21UHS01	History of Sangam Age and Post Sangam Age	To know about the sources, geographical features and Age of Sangam.	✓	✓		
333	B.A Economics	21UEC01	Indian Economic Development	Understand the basic concepts of economic growth and economic development.			✓	
334	B.A Economics	21UEC02	Tamil Nadu Economy	Understand the relevance of economy of the State		✓		
335	B.A Economics	21UECFA1	Statistics for Economics - I	Impart a basic knowledge on sampling and census	✓	✓	✓	✓
336	B.A Economics	21UECO3	History of Economic Thought	To know the cour with the study of Ancient and Medievel economic thought	✓	✓	✓	
337	B.A Economics	21UECO4	Monetary Economics	To Evaluate currency exchange value of different international trading system			✓	✓
338	B.A Economics	21UECFA2	Statistics for Economics - II	Identify the direction and strength of correlation	✓	✓	✓	✓
339	B.A Economics	21UECFA3	Statistics for Economics - III	Identify the basic concepts of probability and its types, theoretical distribution and its types, It builds a knowledge to test the hypothesis	✓	✓	✓	✓
340	B.A Economics	21UECO5	Micro Economics I	Experiment with the gained knowledge in basic economic theories, concepts and models		✓	✓	✓
341	B.A Economics	21UECO6	Managerial Economics	Gain knowledge about the capital budgeting,known us the various types of pricing			✓	
342	B.A Economics	21UECSA1	Basic Mathematics for Economics	Calculate the matrices and determinants with their application in Economics	✓	✓	✓	
343	B.A Economics	21UECO7	Micro Economics II	To make the students to understand the types of markets and determining the output and prices under different market situation		✓	✓	
344	B.A Economics	21UECO8	Capital Market	To gain knowledge about the institutional financing for various industries and to acquaint knowledge about the stock exchanges		✓	✓	✓
345	B.A Economics	21UECSA2	Business Organization	The course aims to provide basic knowledge to the students about the organization management of a business enterprise			✓	

346	B.A Economics	21UECSA3	Marketing	Students will explore careers in sales and marketing preparing them for the school – to – work transition			✓	
347	B.A Economics	21UECO9	Macro Economics - I	To illustrate the concepts of National Income and National Income Accounting and To examine the Classical theory of output and employment		✓	✓	
348	B.A Economics	21UEC10	Fiscal Economics -I	To understand the economics of government expenditure and taxation,analyze public goods, externalities, and information asymmetries; market failures resulting.		✓	✓	
349	B.A Economics	21UEC11	Entrepreneurship Development	entrepreneurship and Functions of entrepreneur, identify various sources of project finance.	✓	✓		
350	B.A Economics	21UEC12	Agricultural Economics	to build a strong foundation in Agricultural Economics and understand the agricultural marketing and warehousing utilization	✓	✓	✓	
351	B.A Economics	21UECME1	Environomics	To Provide a comprehensive introduction to the economic analysis of issues arising from the interactions between the natural environment and the human economy			✓	
352	B.A Economics	21UEC13	Macro Economics - li	To Examine the theoretical knowledge of macro theories of distribution,criticize the current issues related to fiscal and monetary policy in India		✓	✓	
353	B.A Economics	21UEC14	Fiscal Economics -II	Explain the basic concept of public debt, Identify the budgetary procedure in India and Familiarize the students about the principles of federalism		✓	✓	✓
354	B.A Economics	21UEC15	International Economics	To analysis the nations balance of payment,Evaluate the impact of tariff and non tariff barriers			✓	✓
355	B.A Economics	21UECME2	Industrial Economics	To provide information about sources of nature, climate for the industrial growth, supplies for production etc		✓	✓	
356	B.A Economics	21UECME3	Human Resource Management	Understanding the value and importance of human resources in an organization		✓	✓	
357	B.A Tourism and Travel Management	21UTT04	World Tourism Destinations	To study the global geography for better understanding of the continents				✓
358	B.A Tourism and Travel Management	21UTT08	Tourism Potentialities in Pudukkottai District	To know about the Geography of Pudukkottai and to trace the Historical Background of Pudukkottai	✓			
359	B.A Tourism and Travel Management	21UTT09	Research Methodology for Tourism	To gain the basic idea of research methodology and To gain the conceptual background of quantitative and qualitative research		✓	✓	
360	B.A Tourism and Travel Management	21UTT11	Communication Skills for Tourism	To understand the basics of communication and to acquire the modern social medias and its importance.	✓	✓	✓	✓
361	B.A Tourism and Travel Management	21UTT12	Tourism In Tamilnadu	To study the tourism potentials of Tamilnadu and to understand the significance of tourist centres of Tamilnadu		✓		
362	B.A Tourism and Travel Management	21UTTME2	Tourism Entrepreneurship	To trace the origin, growth, and development of Entrepreneurship	✓	✓	✓	

363	B.A Tourism and Travel Management	21UTTME3	Business Economics for Tourism	To obtain the fundamental concept of economics and its importance		✓	✓	
364	B.A Tourism and Travel Management	21UTTSE1	E-Tourism	To know about the interrelationship between tourism and information technology	✓	✓	✓	
365	B.A Tourism and Travel Management	21TTSE2	Computer Concept and Automation	To understand the fundamentals of computer	✓	✓	✓	✓
366	B.Com	21UCO01	Financial management	To understand the basic principles and concepts of accounting procedures	✓	✓	✓	
367	B.Com	21UCO02	Banking theory law and practice	To provide basis knowledge of Banking and its economic development of a country.	✓	✓	✓	✓
368	B.Com	21UCO03	Business management	To enable the students understand the Principles of Management and Management thoughts.	✓	✓	✓	✓
369	B.Com	21UCO04	Business tools for decision making	To enable the students to gain understanding of Statistical techniques which are applicable to business	✓	✓	✓	✓
370	B.Com	21UCO05	Business accounting	To have working knowledge on Royalty and to give knowledge on different aspects of partnership	✓	✓	✓	
371	B.Com	21UCO06	Marketing	To enable the students to gain knowledge about marketing and its promotional aspects.	✓	✓	✓	✓
372	B.Com	21UCO07	Business law	To gain expert knowledge in the principles and practice of law relating to business activities.	✓	✓	✓	✓
373	B.Com	21UCO08	Cost accounting	To make the students to gain an expert knowledge of costing system and cost control.	✓	✓	✓	✓
374	B.Com	21UCO09	Financial management	To familiarize the students with the principle practice of financial management.	✓	✓	✓	✓
375	B.Com	21UCO10	Financial market and services	To provide basic knowledge about the financial activities of financial markets and financial services.	✓	✓	✓	✓
376	B.Com	21UCO11	Practical auditing	To enable the students to understand the basic knowledge of Audit and the qualities of an Auditor.	✓	✓	✓	✓
377	B.Com	21UCO12	Income tax law and practice	To provide an expert knowledge about the principles and practices of law relating to Income Tax in India	✓	✓	✓	✓
378	B.Com	21UCO13	Management accounting	To give basic knowledge on concept of management Accounting.	✓	✓	✓	✓
379	B.Com	21UCO14	Entrepreneurial development	To know the History and Concept of Entrepreneurship	✓	✓	✓	✓

380	B.Com	21UCO15	Corporate accounting	To enable the students to have a basic working knowledge in company accounts and shares. 2. This course is to enable the students to develop awareness about preparation of corporate accounts.	✓	✓	✓	✓
381	B.Com	21COME1	Customer relationship management	To introduce the basic nuances of Customer Relationship Management	✓	✓	✓	✓
382	B.Com	21UCOME2	Service marketing	To make the students gain expert knowledge of service marketing.	✓	✓	✓	✓
383	B.Com	21UCOME3	Company law and secretarial practices	To know about the basic concepts of company Act 2013 and to Comprehend important elements of company documents and procedures of meetings.	✓	✓	✓	
384	B.Com	21UCOFA1	Business environment	To know about the business environment.	✓	✓	✓	✓
385	B.Com	21UCOFA2	Business economics	To provide knowledge about basic concepts of Economics.	✓	✓	✓	✓
386	B.Com	21UCOFA3	Elements of insurance	To Know about the concept of insurance.	✓	✓	✓	✓
387	B.Com	21UCOSA1	Computer application in business (theory)	To give basic knowledge on concepts of Ms-word. Ms-Excel and tally	✓	✓	✓	✓
388	B.Com	21UCOSA1P	Computer application in business (practical)	To Provide knowledge in MS-Word, Excel and tally	✓	✓	✓	
389	B.Com	20UCOSA2	Business communication	To make the students how to communicate in the business world.	✓	✓	✓	✓
390	B.Com	21UCOSA3	Stock market operation	To give learners the basic understanding of the fundamental concepts of stock Marketing.	✓	✓	✓	✓
391	B.Com	21UCONME1	Principles of accountancy	To provide basic knowledge in Accounting	✓	✓	✓	✓
392	B.Com	21UCONME2	Introduction to marketing	To give basic knowledge on concept of Marketing	✓	✓	✓	✓
393	B.Com	21UCOSE1	Creativity and innovation in business & entrepreneurship	To introduce the students to the practices necessary to stimulate and manage innovation in business.	✓	✓	✓	✓
394	B.B.A	21UBB07	Operation research	To make the students gain knowledge on basic applications of operation research.		✓	✓	✓
395	B.B.A	21UBB08	Company law	To learn various kinds of share capital and debentures.		✓	✓	✓
396	B.B.A	21UBBSA2	Computer application in business	To enable the signification of accounting in computer application.		✓	✓	
397	B.B.A	21UBBSA3	Banking practices	To gain knowledge about recent trends in banking practices.	✓	✓	✓	✓

398	B.B.A	21UBBSE1	Entrepreneurial development	To know the importance of women entrepreneurial development.	✓	✓	✓	✓
399	B.B.A	21UBBSB2	E-business	To study the web based e-business software.	✓	✓	✓	✓
400	B.B.A	21UBB09	Human resources management	Obtain knowledge about manpower planning and performance management system.	✓	✓	✓	✓
401	B.B.A	21UBB10	Principle of management accounting	To understand scope of management accounting		✓	✓	✓
402	B.B.A	21UBB11	Business environment and policy	To promote basic understanding of the concept of business environment.		✓	✓	✓
403	B.B.A	21UBB12	Investment management	To enable students to understand the basic of capital market.	✓	✓	✓	✓
404	B.Sc Mathematics	21UMA01	Differential Calculus and Trigonometry	To understand limit of function and higher order differentiation. Recognize and relate successive differentiation	✓	✓		
405	B.Sc Mathematics	21UMA02	Analytical Geometry of Three Dimensions and Integral Calculus	To visualize spheres and to develop tangent plane of a sphere.	✓		✓	
406	B.Sc Mathematics	21UASM1	Statistics I	To understand various characteristic of discrete and continuous statistical distribution with mathematical techniques		✓		✓
407	B.Sc Mathematics	21UMA03	Classical Algebra	To summarize the concept of congruence to derive fundamental standard theorems in number theory			✓	✓
408	B.Sc Mathematics	21UMA04	Sequences and Series	To construct the concept of Binomial theorem for a rational index and some applications.	✓		✓	
409	B.Sc Mathematics	21UASM3P	Statistics II - Practical	To evaluate small and large sample test		✓	✓	✓
410	B.Sc Mathematics	21UMA07	Differential Equations	To recognize and implement solution techniques to solve higher order differential equations with constant and Variable coefficients	✓	✓	✓	✓
411	B.Sc Mathematics	21UMASB1	LATEX	To understand the concept of creating tables, Sections, labelling and tables of contents		✓		✓
412	B.Sc Mathematics	21UMA09	Algebra	To understand basic algebraic structures and solving the problems related to them.		✓		✓
413	B.Sc Mathematics	21UMA10	Real Analysis	To understand the concept of algebraic, order and completeness properties of the set of real numbers.			✓	✓
414	B.Sc Mathematics	21UMASB2	MATLAB	To learn the characteristics of script files, functions and function files, two-dimensional plots and three-dimensional plots			✓	✓
415	B.Sc Mathematics	21UMANME1	Quantitative Aptitude - I	To generalize the concept of average, problems on ages, surds and Indices	✓	✓	✓	✓
416	B.Sc Mathematics	21UMA13	Complex Analysis	To classify the generating power series and the types of singularities of analytic functions.			✓	✓
417	B.Sc Mathematics	21UMA14	Numerical Methods	To find approximate solutions to the functions using iterative methods	✓	✓	✓	✓

418	B.Sc Mathematics	21UMANME2	Quantitative Techniques	To identify and develop operational research models from the verbal description of the real system.			✓	✓
419	B.Sc Physics	21UPH01	Properties of Matter and Acoustics	To study the basic principles of properties of matter and sound.			✓	
420	B.Sc Physics	21UPH02P	Major Practical - I	To apprehend the basics of Properties of matter, Optics, Electricity and Electronics by doing related experiments.		✓	✓	
421	B.Sc Physics	21UPH03	Mechanics	To outline the basic principles of dynamics, statics, hydrostatics and hydrodynamics.			✓	
422	B.Sc Physics	21UPH04	Thermal Physics and Statistical Mechanics	To apprehend the concepts of specific heat capacity, transmission of heat, low temperature physics, thermodynamics and statistical mechanics.			✓	
423	B.Sc Physics	21UPH05	Electricity and Magnetism	To study the basic principles of electricity, electrostatics and electromagnetism.			✓	
424	B.Sc Physics	21UPH06P	Major Practical - II	Apply the basic principles of heat, electricity, electronics and optics by doing the relevant experiments.		✓	✓	
425	B.Sc Physics	21UPH07	Optics and Spectroscopy	To study the concepts of reflection and refraction, interference of light, diffraction, polarization and spectroscopy.			✓	
426	B.Sc Physics	21UPH08	Energy Physics	To summarize the concepts of solar energy, wind energy, biomass energy and oceans thermal energy.			✓	✓
427	B.Sc Physics	21UPH09	Elementary Solid-State Physics	To summarize the basic ideas of crystal structure, X-Ray diffraction, dielectrics, and superconductors.			✓	
428	B.Sc Physics	21UPH10	Analog Electronics	To recall the concepts of semiconductors, amplifiers and oscillators.		✓	✓	
429	B.Sc Physics	21UPH11	Atomic and Nuclear Physics	To recall the concepts of atom model, atomic spectra, nuclear fission and fusion.			✓	✓
430	B.Sc Physics	21UPH12P	Major Practical - III	To obtain practical knowledge in various topics in General Physics and Electronics.			✓	
431	B.Sc Physics	21UPH13	Digital Electronics	To recall the concepts of number systems, logic gates, combinational and sequential systems.			✓	
432	B.Sc Physics	21UPH14	Classical and Quantum Mechanics	To summarize the basic ideas of the system of particles, equation of motion, wave nature of matter, postulates of wave mechanics and the applications of Schrodinger's equations.			✓	
433	B.Sc Physics	21UPH15P	Major Practical - IV	To design various electronic circuits using IC and Programming in C and in Microprocessor 8085.		✓	✓	
434	B.Sc Physics	21UAC1	General Chemistry – I	To Learn about Typical substitution reactions of aromatic compounds	✓	✓		
435	B.Sc Physics	21UAC2P	Volumetric and Organic Analysis	To acquire the skills of doing quantitative estimations by titrimetry.		✓	✓	
436	B.Sc Physics	21UAC3	General Chemistry – II	To Describe the structure of glucose – sucrose.		✓	✓	

437	B.Sc Chemistry	21UCH01	General Chemistry – I	To Analyze the hybridization of simple inorganic molecules.	✓	✓	✓	✓
438	B.Sc Chemistry	21UCH02P	volumetric Analysis	To learn the techniques of titrimetric analyses.	✓		✓	✓
439	B.Sc Chemistry	21UCH03	General Chemistry – II	To know the chemistry of carbonyl compounds.	✓		✓	
440	B.Sc Chemistry	21UCH04P	Salt Analysis	To understand the handling of different types of apparatus.	✓	✓		
441	B.Sc Chemistry	21UCH05	Environmental Studies	To Determine aromaticity and general mechanism of electrophilic substitution reaction.		✓	✓	
442	B.Sc Chemistry	21UCH06P	Physical Chemistry Practical	To learn to do some experiments in different cycles.		✓	✓	
443	B.Sc Chemistry	21UCH07	General Chemistry – IV	To Elaborate the study of Rate of reaction and theories of reaction rates.		✓	✓	
444	B.Sc Chemistry	21UCH08P	Physical Chemistry Practical	To Understand the concept of physical chemistry		✓	✓	
445	B.Sc Chemistry	21UCHSEC1	Everyday Chemistry	To learn about fruits and vegetables.	✓	✓	✓	
446	B.Sc Chemistry	21UCH09	Inorganic Chemistry	To Develop the skills for perfect value for physical method	✓	✓	✓	
447	B.Sc Chemistry	21UCH10	Organic Chemistry	To Develop the skills for rganic compound	✓	✓		
448	B.Sc Chemistry	21UCH11	Physical Chemistry – I	To Get the experience in the estimation of various organic compounds		✓	✓	✓
449	B.Sc Chemistry	21UCH12P	Qualitative Organic Analysis	To Get the experience in the estimation of various organic compounds		✓	✓	
450	B.Sc Chemistry	21UCHME1	Analytical Chemistry	To Explain the preparation, properties and types polymers.		✓	✓	✓
451	B.Sc Chemistry	21UCHSE2	Chemistry in every day life	To Illustrate the cleaning action of Soap and synthetic Detergents.	✓	✓		
452	B.Sc Chemistry	21UCHNME1	Indusatrial chemistry	To study the concept of water chemistry		✓	✓	
453	B.Sc Chemistry	21UCH13	Organic Chemistry- II	To know Amino Acids and Proteins.	✓	✓		
454	B.Sc Chemistry	21UCH14	Physical Chemistry – II	To know basic concepts of electrochemistry.		✓	✓	
455	B.Sc Chemistry	21UCH15P	Qualitative Organic Analysis	To get practical knowledge	✓		✓	
456	B.Sc Chemistry	21UCHME2	Agricultural Chemistry	To know the basic ideas of Soil.		✓	✓	
457	B.Sc Chemistry	21UCHME3	Industrial Chemistry	To learn the types of inorganic polymers	✓	✓		
458	B.Sc Chemistry	21UCHNME2	Food chemistry and nutrition	To study the definition Cereals and Pulses.	✓	✓		
459	B.Sc Computer Science	21UCS01	C Programming	To understand the syntax of all the statements in C language and to impart programming skills in C.	✓	✓	✓	✓
460	B.Sc Computer Science	21UCS03	C++ Programming	To study the basic the concepts of Object Oriented Programming and to develop programming skills in C++	✓	✓	✓	✓
461	B.Sc Computer Science	21UCS05	Python Programming	To enable the students to develop programs and simple applications using python.	✓	✓	✓	✓
462	B.Sc Computer Science	21UCS07	Data Structures	To understand the basic principles of data structures and to impart the skill of writing efficient datastructure algorithms and analyzing them			✓	✓
463	B.Sc Computer Science	21UCSSE1	Office Automation	To understand the special features of MS Word, Ecel and Powerpoint	✓	✓	✓	✓
464	B.Sc Computer Science	21UCS09	Java Programming	To impart the programming knowledge and skill in Java.	✓	✓	✓	✓

465	B.Sc Computer Science	21UCS10	Computer Networks	To study the concepts of Network model and the applications of various layers in the Network model.	✓	✓	✓	✓
466	B.Sc Computer Science	21UCS11	Data Base Management System	To introduce the concept of basic data models and to give the basic knowledge on relational database		✓	✓	✓
467	B.Sc Computer Science	21UCSME1	Computer Graphics	To give broader understanding of the basics of graphic devices, 2-D and 3-D transformations.		✓	✓	✓
468	B.Sc Computer Science	21UCSSE2	Structured Query Language	To design simple and complex queries to extract data from relational data base			✓	✓
469	B.Sc Computer Science	21UCS13	Digital Design and Microprocessor	To impart the basic knowledge of digital devices and to know about the concepts of Assembly language programming		✓	✓	
470	B.Sc Computer Science	21UCS14	Operating System	To present the fundamental aspects of various managements in an Operating System.		✓	✓	
471	B.Sc Computer Science	21UCSME2	PHP Programming	To provide an overview of developing webpages and simple applications using PHP	✓	✓	✓	✓
472	B.Sc Computer Science	21UCSME3	Software Engineering	To introduce the basic concepts of software engineering and the various phases in software development.		✓	✓	
473	B.Sc Computer Science	21UCSNME1	Principles of Information Technology	To impart the basic concepts of Information technology		✓		
474	B.Sc Computer Science	21UCSNME2	Web Designing	To train the students in the skill of designing web pages using HTML	✓	✓	✓	✓
475	B.Sc Zoology	21UZO01	Invertebrata	To understand the level of organization in animal kingdom from unicellular organism to multi-cellular organism ,the classification, characteristics and analyze the structural organization of Protozoa to Echinodermata.	✓	✓	✓	
476	B.Sc Zoology	21UZO03	Chordata	To learn the animal organ system and its functional variations from prochordata to higher vertebrate, the classification and characteristics of different classes of Chordates , the structure and functions of various systems in the Amphioxus to Rabbit .	✓	✓	✓	
477	B.Sc Zoology	21UZO05	Animal Physiology and Biochemistry	To understand the aspects of Nutrition through Excretion , the various aspects of Muscle, Nerve, Reproductive Physiology and Endocrinology, the structure and functions of Biological molecules , the metabolic process of Biological molecules.			✓	✓
478	B.Sc Zoology	21UZO07	Developmental Biology and Evolutin	To understand the Theories of developmental process and the Basic theories of Origin of Life and the Evolutionary Process.			✓	✓
479	B.Sc Zoology	21UZO09	Cell and Molecular Biology	To understand the principles of Compound Microscope and the structural and functional aspects of plasma membrane and cell inclusion..		✓	✓	✓

480	B.Sc Zoology	21UZO10	Genetics and Microbiology	To understand the concepts of Mendelism and process of inheritance, the Gene interaction and Gene Mutation, Study Recombination in Microorganisms and Human Genetics, the Basic techniques and identification of microbes based on staining procedure, the causes, symptoms and prevention of selected microbial diseases in man.	✓	✓	✓	✓
481	B.Sc Zoology	21UZO11	Biotechnology	To understand the basic tools and techniques of gene cloning, the principle of blotting techniques, PCR, the various aspects of Industrial Biotechnology, Agricultural Biotechnology and Enzyme Biotechnology.		✓	✓	✓
482	B.Sc Zoology	21UZO13	Environmental Biology and Management	To understand the concepts of Abiotic factors, the concepts of Biotic factors, the Community and Population Ecology, the types of Pollution and the importance of Solid waste Management and conservation of Forest.	✓	✓	✓	✓
483	B.Sc Zoology	21UZO16	Sericulture	To understand the History and development of Sericulture.		✓	✓	
484	B.Sc Zoology	21UZO18	Health and Hygiene	To understand the classification of foods and water standards, the communicable and non-communicable diseases and learn about the Arthropod diseases , Occupational Hazards and the importance of Health Education.		✓	✓	✓
485	B.Sc Zoology	21UZOME1	Applied Entomology	To understand the Classification of Insecta, the Harmful Insects, the role of Beneficial Insects and learn about the pests of House Hold and Public Health, the importance of Pest Management.		✓	✓	✓
486	B.Sc Zoology	21UZOME3	Bioinstrumentation	To understand the principles and applications of Microscopy , the principle and types of Chromatography and Electrophoresis and the principles of Biosensor and PCR		✓	✓	✓
487	B.Sc Zoology	21UZONME1	Aquaculture	To understand the selection criteria for Aquafarming, the culture of different fishes, the methodology for maintaining Shrimp farming, the Ornamental fish culture and the harvesting and marketing technology.		✓	✓	✓
488	B.Sc Zoology	21UZONME2	Vermiculture	To understand the Ecological and Geographical distribution of Earthworms, the culture and productivity of Earthworms, the techniques of Vermiculture, the Methods and Management of Vermicomposting and the Production and marketing technology.		✓	✓	

489	B.Sc Zoology	21UAZ3	Commercial Zoology	To understand the Rearing procedure for Bee keeping, the various aspects in Sericulture , the methodology for maintaining farms for Pearl Oyster culture and Lac culture, the formation of Poultry farming and the formation of Diary farming.		✓	✓		
490	B.Sc Zoology	21UZOSE1	Pathology And Clinical Laboratory – I	To understand basic concepts of laboratory requirements . The methodology for the collection and analysis of Blood and modern laboratory instruments	✓	✓	✓	✓	✓
491	B.Sc Botany	21UBO01	Plant Diversity I: Algae, Fungi, Lichens and Plant Pathology	To study the structure and reproduction of certain selected algae.	✓	✓	✓	✓	✓
492	B.Sc Botany	21UBO2P	Plant Diversity I (Algae, Fungi, Lichens and Plant Pathology) Practical	To study the structure and reproduction of certain selected algae.	✓	✓	✓	✓	✓
493	B.Sc Botany	21UBO03	Plant diversity II: Bryophytes, Pteridophytes, Gymnosperm and Paleobotany	To understand the salient features of Bryophytes	✓	✓	✓	✓	✓
494	B.Sc Botany	21UBO4P	Plant diversity II (Bryophytes, Pteridophytes, Gymnosperm and Paleobotany) Practical	To enable students gain expertise in hand sectioning technique.	✓	✓	✓	✓	✓
495	B.Sc Botany	21UBO05	Plant Anatomy and Embryology	To understand various types of tissues present in stem, root and leaves	✓	✓	✓	✓	✓
496	B.Sc Botany	21UBO06P	Plant anatomy and Embryology Practical	To undersatnd the concept of Plant Biology	✓	✓	✓	✓	✓
497	B.Sc Botany	21UBO07	Horticulture and Plant Breeding	To understand the aim and objectives of Horticulture	✓	✓	✓	✓	✓
498	B.Sc Botany	21UBO08P	Horticulture and Plant Breeding Practical	To teach Horticulture and Plant Breeding Practical	✓	✓	✓	✓	✓
499	B.Sc Botany	21UBO09	Morphology and Taxonomy of Angiosperms	To study and understand various Angiosperm plant habits.	✓	✓	✓	✓	✓
500	B.Sc Botany	21UBO10	Genetics and Evolution	To understand the basic concepts of mendelian genetics, its variations and applications	✓	✓	✓	✓	✓
501	B.Sc Botany	21UBO11	Plant ecology and Phytogeography	To understand the basic concepts of general Geology, Ecology and Phytogeography	✓	✓	✓	✓	✓
502	B.Sc Botany	21UBO12P	Morphology and Taxonomy of Angiosperms, Genetics and Evolution, Plant ecology and Phytogeography Practical	To understand the general concets of Morphology and Taxonomy of Angiosperms, Genetics and Evolution, Plant ecology and Phytogeography	✓	✓	✓	✓	✓
503	B.Sc Botany	21UBO13	Cell and Molecular Biology.	To study the basics of cell and its inclusions				✓	✓

504	B.Sc Botany	21UBO14	Plant Physiology and Biochemistry.	To overview Plant Physiology concepts, water relation, transpiration in detail			✓	✓
505	B.Sc Botany	21UBO15P	Cell and Molecular Biology, Plant Physiology and Biochemistry Practical	To acquire a greater knowledge of Cell and Molecular Biology, Plant Physiology and Biochemistry Practical			✓	✓
506	B.Sc Botany	21UBO16	Bionanotechnology	To learn the basic knowledge of nanoscience			✓	✓
507	B.Sc Botany	21UBO17	Biopesticides	To understand the types and mode of action of biopesticides	✓	✓	✓	✓
508	B.Sc Botany	21UBO18	Seed Technology	To learn the basic knowledge of floral biology	✓	✓	✓	✓
509	B.Sc Botany	21UBOME1	Medicinal Botany	To understand the different Indian systems of medicine	✓	✓	✓	✓
510	B.Sc Botany	21UBOME2	Biostatistics and Computer application in Botany	To Study about Bioinformatics and its role in Biology and sequences used in Bioinformatics.	✓	✓	✓	✓
511	B.Sc Botany	21UBOME3	Plant Biotechnology and Genetic Engineering	To acquire knowledge on the principles and applications of plant tissue culture			✓	✓
512	B.Sc Botany	21UBOME4	General Microbiology	To know the basic concepts, methods, scopes, classifications, characterization, Diseases and economic importance of microorganisms	✓	✓	✓	✓
513	B.Sc Botany	21UBOSE1	Mushroom Culture	To acquire knowledge on various types of mushrooms.	✓	✓	✓	✓
514	B.Sc Botany	21UBOSE2	Plant Wealth for Human Life	To know how to use the plant resources to produce valuable products.	✓	✓	✓	✓
515	B.Sc Botany	21UBONME1	Botanical garden and Land Scaping	Apply the basic principles and components of gardening	✓	✓	✓	✓
516	B.Sc Botany	21UBONME2	Preservation of Fruits and Vegetables	To understand the principles of preservation of fruits and vegetables.	✓	✓	✓	✓
517	B.Sc Botany	21UBONME3	Nursery Technology	To know methods of plant multiplication and nursery structures	✓	✓	✓	✓
518	B.Sc Botany	21UBOSS1	Floriculture	To know methods of floricult	✓	✓	✓	✓
519	B.Sc Botany	21UBOSS2	Forestry	To acquire knowledge on various types of Forest.	✓	✓	✓	✓
520	B.Sc Botany	21UAB1	Plant Diversity-I: Algae, Fungi, Lichens, Bryophytes, Pteridophytes, Gymnosperm, Angiosperm and Economic Botany	To Learn Morphological and Anatomical Features of Algae and Fungi.	✓	✓	✓	✓
521	B.Sc Botany	21UAB2	Plant Diversity - II Cytology, Genetics, Anatomy, Embryology, Ecology, Evolution, Plant physiology and Plant biotechnology	To study the basic concept of cell and Mendelian genetics, its variations and applications	✓	✓	✓	✓

522	B.Sc Botany	21UAB2P	Plant Diversity - II Cytology, Genetics, Anatomy, Embryology, Ecology, Evolution, Plant physiology and Plant biotechnology Practical	To study the Internal structures of Lower Plant groups	✓	✓	✓	✓
523	B.Sc Botany	21UACB1	General Chemistry – I	To Demonstrate the Production Fuel gases and Soaps and Detergents		✓	✓	
524	B.Sc Botany	21UACB2P	Volumetric and Organic Analysis	To Carry out the methods of analyzing the organic compounds qualitatively	✓	✓		
525	B.Sc Botany	21UACB3	General Chemistry – II	To Learn about Emulsions, gels – preparation, properties and uses.	✓	✓		
526	B.A / B.Sc / B.Com / B.B.A	21UNM1	Naan Muthalvan - Microsoft Office Fundamentals	To enhance the employability, innovation, and entrepreneurship skills of students and to help all novice computer users to become expert with MS Word, MS Excel, MS Power point, Onedrive and sharepoint	✓	✓	✓	✓
527	B.A / B.Sc / B.Com / B.B.A	21UNM2	Naan Muthalvan - Overview of English Language Communication Assessment & Certification from Cambridge	To improve the communication skills of students thereby enhancing employability	✓	✓	✓	✓
528	M.A Tamil	18PTL01	Ekkala Elakiyam	Tharkala kavithai pokkai arithal	✓	✓	✓	
529	M.A Tamil	18PTL02	Edaikkala Elakiyam	Itaikkala ilakkiyangalin pokku arithal.	✓	✓		
530	M.A Tamil	18PTL03	Tholkapiyam - eluthathikaram	Tholkappiyam koorum tamil eluthukkalaiyum avatrukkana marapukalaiyum arithal.	✓	✓	✓	
531	M.A Tamil	18PTL04	Elakiya kolgaikalum kootpatugalum	Ilakkiya kolkaikalaiyum kotpattu thirankalaium arinthukollal.		✓	✓	
532	M.A Tamil	18PTLE1	Voodagaviyal	Thagaval thodarpu voodagangalin valarchi pokkai arithal.	✓	✓	✓	✓
533	M.A Tamil	18PTL05	Ara Elakiyam	Tamil ara elakkiyangal kattum samuga vilumiyangalai arithal.	✓	✓		
534	M.A Tamil	18PTL06	Kappiya elakiyam	Kappiya ilakkiyangal suttum valviyal vilumiyangalai arithal.	✓	✓		
535	M.A Tamil	18PTL07	Tholkapiyam - sollathigaram	Tamil mozhi thodaramaiippu muraigalai katrukkolluthal.	✓	✓		
536	M.A Tamil	18PTL08	Opilakiyam	Tamil matrum pira mozhi elakkiyangalai oppittu nokkil katal.	✓	✓	✓	✓
537	M.A Tamil	18PTLE2	Potti thervirkana tamil	Potti thervirkana thiran katru payan peral.	✓	✓	✓	
538	M.A Tamil	18PTL09	Oppittu nokil ulaga semmozhi	Tamil ullitta ulaga semmozhigalai oppittu avatrin thani thanmaiya arithal.	✓	✓	✓	✓
539	M.A Tamil	18PTL10	Tholkappiyam-porulathigaram (1- 5 iyalkal)	Tamilin pandaiya agam, pura ilakkiya marapugalai arithal.	✓	✓		
540	M.A Tamil	18PTL11	Nattupuraviyal	Nattupura kalaikal, ilakkiyangalai arithal.	✓			

541	M.A Tamil	18PTL12	Ilakkiya Araychi nerimuraigal	Ilakkiya araychi muraigalin neri muraikalai arinthu ayviyal nokkil payan peral.	✓	✓		
542	M.A Tamil	18PTLE3	Panmuga tamil	Tamilin panmuga thanmaiya arinthu kolluthal.	✓	✓		
543	M.A Tamil	18PTL13	Sanga ilakkiyam	Sanga ilakkiyangal suttum tamilarin agapura valviyalai arithal.	✓	✓	✓	
544	M.A Tamil	18PTL14	Tholkappiyam-porulathigaram (6-9 iyalkal)	Tamilin pandaiya porul ilakkana marapai arithal.	✓	✓		
545	M.A Tamil	18PTLE4	Mozhiyuyal	Tamil mozhiyin valarchium kotpadum arithal.	✓	✓	✓	✓
546	M.A Tamil	18PTLE5	Penniyam	Penniyavathigalin porattangalum penniya ilakkiya valarchi nilaikalaikum arithal.	✓	✓	✓	✓
547	M.A English	18PEL05	Literary Criticism-I	To create interest in criticism and expose the students to different uses of language	✓	✓	✓	✓
548	M.A English	18PEL09	Literary Criticism-II	To make the students learn theories for appreciating the Literary Works thoroughly	✓	✓	✓	✓
549	M.A English	18PEL10	Women's Literature	To introduce students to feminist perspectives through different genres of literature	✓	✓	✓	✓
550	M.A English	18PEL11	Linguistics & English Language Education	To make the students get thorough knowledge of Linguistics	✓	✓	✓	✓
551	M.A English	18PEL12	Rhetoric & Research Methodology	To make the students know the rhetoric of research and produce quality research writing	✓	✓	✓	✓
552	M.A English	18PEL14	Single Author Study – T.S.Eliot	Exhibit the artistic features of the masterpiece of Eliot's works	✓	✓	✓	✓
553	M.A History	18PHS01	History of Sangam Age	To know about the sources, geographical features and Age of Sangam.	✓	✓		
554	M.A History	18PHS02	History of the Pallavas and the Pandyas	To understand the political career of Pallavas and Pandyas.	✓	✓	✓	
555	M.A History	18PHS03	History of Indian Culture	To acquire the knowledge about the Social, Economic and Religious conditions of the Medieval period.		✓	✓	
556	M.A History	18PHS04	History of Europe from 1453 to 1789 A.D.	To learn about the growth of Town, Universities, Art and Architecture.				✓
557	M.A History	18PHSE1	Women in Modern India	To know about the importance of women Studies.	✓	✓	✓	
558	M.A History	18PHS05	Historiography.	To study about the modernism, structuralism and subaltern studies.	✓	✓	✓	
559	M.A History	18PHS06	History of Europe from 1789 to 1945 A.D.	To study about the events between Two World Wars and Formation of U.N.O.				✓
560	M.A History	18PHS07	Socio – Economic and Cultural History of Tamilnadu from 1800 to 1947 A.D.	To learn about the Social conditions of Tamil Nadu during the 19 th century.	✓	✓		
561	M.A History	18PHS08	History of Pudukkottai.	To get the knowledge about the rulers of Thondaiman and Relationship with the Britishers.	✓			
562	M.A History	18PHSE2	Archaeology	To know about the Exploration and Excavation of the Archaeological sites.	✓	✓		
563	M.A History	18PHS09	Research Methodology and Thesis Writing.	To understand about the types of Data collection	✓	✓	✓	✓

564	M.A History	18PHS10	History of the Cholas	To know about the rule of Imperial Cholas	✓	✓		
565	M.A History	18PHS11	India's Foreign Policy	To understand about the Geographical features of India, World peace and Non - alignment Policy		✓	✓	✓
566	M.A History	18PHS12	History of Indian Art & Architecture.	To study about the growth of Art under Pre Historic and Pre Mauryan periods.	✓	✓	✓	
567	M.A History	18PHSE3	Museology	To learn about the History & Administration of Museums.	✓	✓	✓	
568	M.A History	18PHS13	Intellectual History of India	To study about the Political Leaders and Freedom fighters		✓	✓	
569	M.A History	18PHS14	International Relations Since 1945 A.D.	To understand about the Various Treaties of Disarmament and Arms control.			✓	✓
570	M.A History	18PHSE4	Archives Keeping	To know about the need and History of Archives keeping in Europe and India.	✓	✓	✓	✓
571	M.A History	18PHSE5	Political Thought	To learn about the different views of political thinker in Europe.			✓	✓
572	M.A Economics	18PEC01	Advanced Micro Economic Theory I	Impart a basic knowledge of the concept of welfare economics		✓		
573	M.A Economics	18PEC02	Macro Economic Theory I	Describe the main macroeconomics theories of short term fluctuations and long term growth in the economy	✓	✓	✓	✓
574	M.A Economics	18PEC03	Statistical Methods for Economic Analysis	Identify the basic concepts of probability and its types, theoretical distribution and its types, It builds a knowledge to test the hypothesis	✓	✓	✓	
575	M.A Economics	18PEC04	Issues in Indian Economy	Understand the demographic features			✓	✓
576	M.A Economics	18PECE1	Banking and Financial Market	Describe the main macroeconomics theories of short term fluctuations and long term growth in the economy	✓	✓	✓	✓
577	M.A Economics	18PEC05	Advanced Micro Economic Theory II	Impart a basic knowledge of the concept of welfare economics	✓	✓	✓	✓
578	M.A Economics	18PEC06	Macro Economic Theory II	Describe the main macroeconomics theories of short term fluctuations and long term growth in the economy		✓	✓	✓
579	M.A Economics	18PEC07	Mathematical Methods	Acquire the knowledge in using mathematical tools	✓	✓	✓	
580	M.A Economics	18PECE2	Entrepreneurship Development	Entrepreneurship and Functions of entrepreneur, identify various sources of project finance.		✓	✓	
581	M.A Economics	18PEC09	International Economics	To provide information about sources of nature, climate for the industrial growth, supplies for production etc	✓	✓	✓	
582	M.A Economics	18PEC11	Fiscal Economics	Explain the basic concept of public debt, Identify the budgetary procedure in India and Familiarize the students about the principles of federalism		✓	✓	✓
583	M.A Economics	18PEC12	Managerial Economics	Determinants of Advertising budgets and Take decision for effective risk and uncertainty	✓	✓	✓	
584	M.A Economics	18PECE3	Computer Application in Economics	Understand the fundamentals of computer, the MS Word, MS Excel, MS Power Point and Internet.		✓	✓	
585	M.A Economics	18PEC13	Economics of Growth and Development	Motive the Students to learn the application of most up – to – date technology in the discipline (Economics)		✓	✓	

586	M.A Economics	18PEC14	Human Resource Development	Help the student to know about the importance of human resources to enable the student	✓	✓	✓	
587	M.A Economics	18PECE4	Environmental Economics	Understand the basic theory of environmental economics and Gain sound knowledge in environmental education and policy measures			✓	
588	M.A Economics	18PECE5	Industrial Economics	Introduce and familiarizes the Indian financial market and instrument and Relax foreign direct investment norms		✓	✓	✓
589	M.Com	18PCO01	Research Methods in Social Science	To gain knowledge on Research process, Research Design and Report Writing	✓	✓	✓	✓
590	M.Com	18PCO02	Internet & E-Commerce	To expose students to the web commerce business models	✓	✓	✓	✓
591	M.Com	18PCO03	Supply chain management	To know the latest concepts and features of SCM	✓	✓	✓	✓
592	M.Com	18PCO04	Business Ethics	To understand the basic concepts of Business Ethics	✓	✓	✓	
593	M.Com	18PCO05	Special Accounts	To acquaint the students with basic concepts of Global Financial Management	✓	✓	✓	
594	M.Com	18PCO06	Total Quality Management	To make students understand the concepts of quality and related techniques in implementing TQM.	✓	✓	✓	✓
595	M.Com	18PCO07	Export and Import Procedures	To know the basic concepts of international trade environment.	✓	✓	✓	✓
596	M.Com	18PCO08	Fundamentals of Information Technology	To Know the fundamentals of Computers	✓	✓	✓	✓
597	M.Com	18PCO09	Advanced Cost and Management Accounting	To enable the students to understand the principles and procedures of cost accounting.	✓	✓	✓	✓
598	M.Com	18PCO10	Global Financial Management	To acquaint the students with basic concepts of Global Financial Management	✓	✓	✓	✓
599	M.Com	18PCO11	International Business and Environment	To understand the basic concept of International Business	✓	✓	✓	✓
600	M.Com	18PCO12	Security analysis and Portfolio Management	To understand the basic concept of Investment Management	✓	✓	✓	✓
601	M.Com	18PCO13	Strategic Management	To enable the students to know about the concept of strategic management.	✓	✓	✓	✓
602	M.Com	18PCO14	Indirect Taxes	To familiarize the student with special features of indirect taxes.	✓	✓	✓	

603	M.Com	18PCOE1	Global Trade Management	To acquaint the students with basic concepts of Global Financial Management	✓	✓	✓	✓
604	M.Com	18PCOE2	Organizational Behaviour	To know about the concepts of Organizational Behaviour.	✓	✓	✓	✓
605	M.Com	18PCOE3	Law and Procedure of Income Tax	To help students to understand the classes of Income tax concepts.	✓	✓	✓	✓
606	M.Com	18PCOE4	Corporate Laws	To Give knowledge about various Corporate laws	✓	✓	✓	✓
607	M.Com	18PCOE5	Human Resource Management	To enable the students to understand the concepts and practices followed in managing people at work	✓	✓	✓	✓
608	M.Sc Mathematics	18PMA01	Algebra	Apply the concept of importance of algebraic properties of groups and to develop the group structure to finite permutations Groups			✓	✓
609	M.Sc Mathematics	18PMA02	Real Analysis	To understand the concepts of the Real and Complex Number Systems in detail.		✓	✓	✓
610	M.Sc Mathematics	18PMA03	Differential Equations	To apply the concept mathematical models of physical or engineering processes.	✓	✓		✓
611	M.Sc Mathematics	18PMA04	Methods of Applied Mathematics	To apply the concept integral transforms, integral equations and calculus of variations as tools for problem solving.	✓		✓	✓
612	M.Sc Mathematics	18PMA05	Linear Algebra	To undersand the concept of extension field, roots of polynomia and the concept of Galois thery and finite field.		✓	✓	
613	M.Sc Mathematics	18PMA06	Complex Analysis	To provide the deep knowledge about the applications of Singularities and residues	✓	✓		✓
614	M.Sc Mathematics	18PMA07	Classical Dynamics	To study the fundamental principles of Lagrangian and Hamiltonian dynamics and in turn to understand the basic ideas of quantum statistics and nonlinear dynamics		✓	✓	✓
615	M.Sc Mathematics	18PMA08	Programing in PYTHON	To recognize the input/output with files in Python.			✓	✓
616	M.Sc Mathematics	18PMA09	Topology	To agree of basis to generate topology and justified connectedness in topological spaces.	✓	✓	✓	
617	M.Sc Mathematics	18PMA10	Stochastic Processes	To discuss the theory of Markov Chains system and Determination of Higher Transition Probabilities.	✓		✓	
618	M.Sc Mathematics	18PMA11	Differential Geometry	To study the parametric curves on surfaces help us to study the properties of surfaces.			✓	✓
619	M.Sc Mathematics	18PMA12	Functional Analysis	To get the importance of theory of matrices in spectral theory.	✓		✓	✓

620	M.Sc Mathematics	18PMA13	Measure Theory and Integration	To introduce the concepts of measure and integral with respect to a measure, to show their basic properties, and to provide a basis for further studies	✓		✓	✓
621	M.Sc Mathematics	18PMA14	Advanced Numerical Analysis	To apply the mathematical concepts of Numerical methods to solve physical problems.	✓	✓	✓	✓
622	M.Sc Mathematics	18PMAME1	Number Theory	To Understand Basic Properties of Congruence, Binary and Decimal Representation of Integers, Linear Congruences.			✓	✓
623	M.Sc Mathematics	18PMAME2	Mathematical Probability and Statistics	To Gain Knowledge on Discrete Distributions,- Continuous Distributions, Bivariate and Multivariate Normal distributions.	✓	✓	✓	✓
624	M.Sc Mathematics	18PMAME3	Graph Theory	To study about Vertex Colorings, Critical Graphs, Triangle, Chromatic Polynomials.	✓		✓	✓
625	M.Sc Mathematics	18PMAME4	Fuzzy Mathematics	To construct the Decision Making in Fuzzy Environment.		✓	✓	
626	M.Sc Mathematics	18PMAME5	Fluid Dynamics	To inspect clear knowledge about fluid dynamics and apply this concepts on real time problems.	✓	✓		✓
627	M.Sc Mathematics	18PMAME6	Operations Research	To impart knowledge in Integer Linear Programming		✓	✓	✓
628	M.Sc Mathematics	18PMA15	Fixed Point Theory	To learn fixed point theorem, Structure of the fixed point set, Uniform normal Structure, Uniform relative normal structure and Quasi normal structure			✓	✓
629	M.Sc Mathematics	18PMA16	Non Linear Differential Equations	To Outline the direct method – Forced Oscillations far from resonance – Forced Oscillations near resonance with weak excitation – Amplitude equation for undamped pendulum			✓	✓
630	M.Sc Mathematics	18PMA17	Fundamentals of Domination in Graphs	To inspect Locating domination , Distance domination Strong and Weak domination, Global and Factor domination.			✓	✓
631	M.Sc Physics	18PPH01	Mathematical Physics	The course deals with application of mathematical methods to solve problems in physics. Though mathematical physics is a broad subject, this course covers some of the essential areas such as Fourier series, tensors, complex analysis, group theory and special function.			✓	
632	M.Sc Physics	18PPH02	Solid State Physics	To discern the fundamentals of solid structure of materials. Deliberate the properties of phonons. Convey the knowledge of free electron Fermi gas and get wide-open to semiconductor energy bands and the methods of calculation.			✓	
633	M.Sc Physics	18PPH03	Thermodynamics and Relativistic Mechanics	By studying this course Laws of thermodynamics, entropy can be recalled. Analysing the transport phenomenon of gases, fluctuations in thermodynamic quantities. Creating knowledge connecting relativity with kinematics and electrodynamics.			✓	

634	M.Sc Physics	18PPH04P	General Experiments	Apply the basic principles of optics, heat, electricity and magnetism by doing relevant experiments.			✓	
635	M.Sc Physics	18PPH05P	Electronics Experiments	The working principles of the electronics circuits which is used in devices can be studied based on the theoretical aspects			✓	
636	M.Sc Physics	18PPHE1	Numerical Methods And 'C' Programming	To apply the mathematical concepts of Numerical methods to solve physical problems.			✓	
637	M.Sc Physics	18PPH06	Electronics	On completion of the course the learner will know the construction and working of electronic devices and also to understand the applications of electronics devices.			✓	
638	M.Sc Physics	18PPH07	Classical And Statistical Mechanics	To study the fundamental principles of Lagrangian and Hamiltonian dynamics and in turn to understand the basic ideas of quantum statistics and nonlinear dynamics			✓	
639	M.Sc Physics	18PPH08	Material Science	To recall the concepts of Properties and applications of materials.			✓	
640	M.Sc Physics	18PPHE2	Advanced Physics	To recall the concepts of crystal systems and spectroscopy.			✓	
641	M.Sc Physics	18PPH09	Quantum Mechanics	Introduce Dirac's bra-ket formulation of quantum mechanics and make Learner familiar with various approximation methods applied to atomic, nuclear and solid-state physics, and to scattering			✓	
642	M.Sc Physics	18PPH10	Spectroscopy	Spectroscopy can be used to detect, identify and quantify information about the atoms and molecules.			✓	
643	M.Sc Physics	18PPH11P	Analog and Digital Experiments	To design various electronic circuits using IC and operational amplifiers.			✓	
644	M.Sc Physics	18PPH12P	Microprocessor and Programming in C	To develop the basics programming concepts of Microprocessor and C programming in solving some mathematical problems and their applications.			✓	
645	M.Sc Physics	18PPHE3	Microprocessor and Microcontroller	To study the basics of Microprocessors and Microcontroller 8051.			✓	
646	M.Sc Physics	18PPHE4	Nano Physics	This course creates basic science behind nanotechnology, carbon and its unique nature, prime materials in nanoworld. SEM,AFM, EDAX and SQUID categorize and characterise the nanomaterials. Applications of nano world pointout the significance of nanotechnology.		✓	✓	
647	M.Sc Physics	18PPH13	Nuclear, Particle and Astrophysics	To make the students to study the nuclear structure, nuclear reactions, fusion and fission and elementary particles.			✓	✓

648	M.Sc Physics	18PPH14	Electromagnetic Theory	This course provides various laws in Electrostatics, Magnetostatics and its consequences. In electromagnetics Maxwell's equation, concept of gauge, gauge transformation can be analysed. Wave analysis provides knowledge about waveguides and TE and TM waves.		✓	✓	
649	M.Sc Physics	18PPHE5	Laser and Fiber optics	To acquire the concepts of laser principles, types, applications and optical fiber, fiber optical communication system.		✓	✓	✓
650	M.Sc Zoology	18PZO03	Developmental biology and Evolution	To understand the structure of gametes and the events of Gametogenesis, Fertilization, Cleavage, Gastrulation, Morphogenetic movements and Organogenesis and Differentiation. To learn how Natural selection controls all the biological processes and the types of Speciation, Isolating Mechanism and Human Evolution.	✓	✓	✓	✓
651	M.Sc Chemistry	18PCH02	Inorganic chemistry – I	Illustrate acid –base concepts, its measures and to evaluate various effects on acid base strength	✓	✓		
652	M.Sc Chemistry	18PCH03	Physical chemistry – I	Apply the concepts and fundamentals of quantum chemistry to simple cubic system.	✓	✓		
653	M.Sc Chemistry	18PCH04P	Organic chemistry Practical –I	Show the derivatives of the given compound	✓		✓	
654	M.Sc Chemistry	18PCH05P	Inorganic chemistry Practical – I	Get the practical experience in the semi-micro qualitative analysis of cations.		✓	✓	
655	M.Sc Chemistry	18PCH06	Inorganic chemistry- II	Outline the basic concepts and applications of nuclear chemistry and radioactive techniques	✓	✓		
656	M.Sc Chemistry	18PCH07	Physical Methods in chemistry –I	:Explain different spectrosopes work and their applications in structure elucidations		✓	✓	
657	M.Sc Chemistry	18PCH08	Selected topics in chemistry	Apply the basic concepts of photochemical organic reactions in Norrish Type I &II reactions	✓	✓	✓	
658	M.Sc Chemistry	18PCH09P	Organic Practical –II	Apply the analytical procedure to separate organic compound by double stage	✓	✓		
659	M.Sc Chemistry	18PCH10P	Inorganic Practical – II	Develop the laboratory skill of quantitative as well as qualitative analysis of metal; ions		✓	✓	
660	M.Sc Chemistry	18PCH11	Organic chemistry – II	Determine the conformational analysis of cyclic and acyclic system.	✓	✓		
661	M.Sc Chemistry	18PCH12	Physical chemistry – I	Determine the conformational analysis of cyclic and acyclic system.		✓	✓	
662	M.Sc Chemistry	18PCH13P	Physical Practical– I	Find transition temperature of hydrated salt		✓	✓	✓
663	M.Sc Chemistry	18PCHE1	Polymer chemistry	Outline the chemical and geometrical structure of polymer and GTT.	✓	✓		
664	M.Sc Chemistry	18PCHE2	Analytical chemistry	Explain principles and applications of extended absorption fine structure	✓	✓		
665	M.Sc Chemistry	18PCH14	Physical Methods in chemistry –II	Have an idea about the advantages of iron and tin complexes in Massbauer spectroscopy.		✓	✓	
666	M.Sc Chemistry	18PCH15P	Physical Practical –II	Determine the dissociation constant of weak acid		✓	✓	

667	M.Sc Chemistry	18PCHE3	Green Chemistry	Improve the knowledge of biological actions of antibiotics.		✓	✓	
668	M.Sc Chemistry	18PCHE4	Recent Trends in chemistry	Apply disconnection approach and identifying suitable synthon to effect successful organic synthesis.		✓	✓	✓
669	M.Sc Computer Science	18PCS01	OOAD & UML	To understand the object oriented concepts and modelling		✓	✓	
670	M.Sc Computer Science	18PCS02	Distributed Data Base Systems	To offer a thorough exposure to the design and manipulation of distributed database systems and to introduce the concepts of database security, concurrency and integrity.			✓	
671	M.Sc Computer Science	18PCS03	Advanced Java Programming	To impart sound knowledge in Advanced Programming skills and the concepts of Servlets and beans in Java.	✓	✓	✓	✓
672	M.Sc Computer Science	18PCS05	Data mining	To introduce the concepts of Data Mining, Data Warehousing and Web Mining			✓	✓
673	M.Sc Computer Science	18PCS06	Distributed Operating System	To provide a clear description of the fundamental concepts and design principles of distributed operating systems			✓	✓
674	M.Sc Computer Science	18PCS07	Distributed Technologies	To impart the concept of .NET Technologies			✓	✓
675	M.Sc Computer Science	18PCS09	Compiler Design	To introduce the various phases of a compiler and also to develop skills in designing a compiler.			✓	
676	M.Sc Computer Science	18PCS10	Cloud Computing	To gain knowledge about the cloud computing by using various deployment model and transmit data to a computer or software, allowing them to carry out important services provided in cloud.		✓	✓	✓
677	M.Sc Computer Science	18PCS12	Mobile Communications	To learn the concept of Wireless Networks and data communication			✓	✓
678	M.Sc Computer Science	18PCS13	Bigdata Analytics	To understand Big Data platform and its use cases and to provide an overview of Apache Hadoop.		✓	✓	✓
679	M.Sc Computer Science	18PCSE1	Artificial Intelligence	To introduce the concepts of searching techniques, knowledge representation, symbolic representation in Artificial Intelligence	✓	✓	✓	✓
680	M.Sc Computer Science	18PCSE2	Software Testing	To gain knowledge on testing a software and to analyze the project.		✓	✓	✓
681	M.Sc Computer Science	18PCSE3	Network Security	To impart knowledge about various concepts and methods of Network Security		✓	✓	✓
682	M.Sc Computer Science	18PCSE4	Smart Devices Programming	To enable students to create applications for smart devices using Android	✓	✓	✓	✓
683	M.Sc Computer Science	18PCSE5	Digital Marketing	To learn the technologies and platforms used in Digital market			✓	✓

684	M.Sc Zoology	18PZO06	Biology of the Cell	To understand and analyze the Principles and applications of Microscopy, Micrometry, the structural and functional aspects of Cell, Plasma membrane and its modification, Principles of Cell communication and Cell adhesion, the Cytoskeleton and Cell organelles of the Cell. Process of Cell Cycle and Characteristics, types and process of Cancer caused by Oncogenes.		✓	✓		
685	M.Sc Zoology	18PZO07	Genetics and Molecular Biology	To get an overview of Mendelian traits, Gene interactions, Linkage, Human Genetics the Hardy Weinberg law, To learn the structure of DNA & RNA, DNA replication, types and DNA repair mechanisms, gene Regulation and operon concept.	✓	✓	✓	✓	
686	M.Sc Zoology	18PZO08	Tools and techniques for Biology	To understand the principles and applications of Microscopy and Micrometry, Centrifuge, pH meter and Spectrophotometer, Chromatography and Electrophoresis.	✓	✓			
687	M.Sc Zoology	18PZO09	Microbiology	To understand the structure and characteristic features of Bacteria, Identification of microbes, physical and chemical control measures microbes in Causing various diseases, Fermented dairy products and its processing, spoilage and preservation, Microbe as food SCP, and the concepts of Environmental Microbiology.	✓	✓	✓	✓	
688	M.Sc Zoology	18PZOE3	Immunology	To understand the concept of Immunity and Lymphoid organs. Antigen and Antibodies, the organization of MHC, Organ transplantation, Tumour and Autoimmunity and various techniques of Immunology				✓	✓
689	M.Sc Zoology	18PZO14	Aquaculture	To understand construction of pond and control of Predatory insects. Different types of aquaculture systems, Fish preservation, fishery by products and Fish pathology, the nutritional requirements, the feed formulation techniques.	✓	✓			
690	M.Sc Zoology	18PZOE2	Biotechnology	To understand the various techniques used in genetic engineering including enzymes and cloning vehicles. To Screen and select the recombinants and construction of genomic libraries, the objectives of gene transfer techniques and techniques in animal Cell cultures, the Production and application of Transgenic plants and animals and the ethics related to animal and plant biotechnology				✓	
691	M.Sc Zoology	18PZOE4	Health and Hygiene	To Understand the Health and Personal hygiene, Food hygiene and sanitation, the Causes symptoms and treatment of selected Communicable Diseases and Non Communicable Diseases, the balanced diet, malnutrition, obesity and Nutritional requirement.	✓	✓	✓	✓	

692	M.Sc Zoology	18PZOE5	Poultry Science	To Understand the Different breeds of poultry and Choosing commercial laying stock and Poultry Housing , the Rearing of Chick, Culling and Management of chicks, layers, broilers and Debeaking, the Poultry Nutrition, Feed formulations and Deficiency diseases.	✓	✓		
693	M.A Tamil	21PTL01	Ekkala Elakiyam	Tharkala, Naveena kavithaikalai arinthu kollal matrum ayvu seithal.	✓	✓	✓	
694	M.A Tamil	21PTL02	Edaikkala Elakiyam	Itaikkala ilakkiyangalin pokku arithal.	✓	✓		
695	M.A Tamil	21PTL03	Tholkapiyam - eluthathikaram	Tholkappiyam koorum tamil eluthukkalaiyum avatrukkana marapukalaiyum arithal.	✓	✓	✓	
696	M.A Tamil	21PTL04	Elakiya kolgaikalum kootpatugalum	Ilakkiya kolkaikalaiyum kotpattu thirankalaium arinthusollal.		✓	✓	
697	M.A Tamil	21PTLE1	Voodagaviyal	Thagaval thodarpu voodagangalin valarchi pokkai arithal.	✓	✓	✓	✓
698	M.A Tamil	21PTL05	Ara Elakiyam	Tamil ara elakkiyangal kattum samuga vilumiyangalai arithal.	✓	✓		
699	M.A Tamil	21PTL06	Kappiya elakiyam	Kappiya ilakkiyangal suttum valviyal vilumiyangalai arithal.	✓	✓		
700	M.A Tamil	21PTL07	Tholkapiyam - sollathigaram	Tamil mozhi thodaramaippu muraigalai katrukkolluthal.	✓	✓		
701	M.A Tamil	21PTL08	Opilakiyam	Tamil matrum pira mozhi elakkiyangalai oppittu nokkil katral.	✓	✓	✓	✓
702	M.A Tamil	21PTLE2	Potti thervirkana tamil	Potti thervirkana thiran katru payan peral.	✓	✓	✓	
703	M.A Tamil	21PTL09	Oppittu nokil ulaga semmozhi	Tamil ullitta ulaga semmozhigalai oppittu avatrin thani thanmaiya arithal.	✓	✓	✓	✓
704	M.A Tamil	21PTL10	Tholkappiyam-porulathigaram (1-5 iyalkal)	Tamilin pandaiya agam, pura ilakkiya marapugalai arithal.	✓	✓		
705	M.A Tamil	21PTL11	Nattupuraviyal	Nattupura kalaikal, ilakkiyangalai arithal.	✓			
706	M.A Tamil	21PTL12	Ilakkiya Araychi nerimuraigal	Ilakkiya araychi muraigalin neri muraikalai arinthu ayviyal nokkil payan peral.	✓	✓		
707	M.A Tamil	21PTLE3	Panmuga tamil	Tamilin panmuga thanmaiya arinthu kolluthal.	✓	✓		
708	M.A Tamil	21PTL13	Sanga ilakkiyam	Sanga ilakkiyangal suttum tamilarin agapura valviyalai arithal.	✓	✓	✓	
709	M.A Tamil	21PTL14	Tholkappiyam-porulathigaram (6-9 iyalkal)	Tamilin pandaiya porul ilakkana marapai arithal.	✓	✓		
710	M.A Tamil	21PTLE4	Mozhiyuyal	Tamil mozhiyin valarchium kotpadum arithal.	✓	✓	✓	✓
711	M.A Tamil	21PTLE5	Penniyam	Penniyavathigalin porattangalum penniya ilakkiya valarchi nilaikalaiyum arithal.	✓	✓	✓	✓
712	M.A English	21PEL01	Prose	To stimulate reading prose to develop logical, critical and language skills.	✓	✓	✓	✓
713	M.A English	21PEL02	Poetry	To expose the finest Poetry in English Literature in style and content.	✓	✓	✓	✓
714	M.A English	21PEL03	Drama	To initiate students into the world of the theatre and create interest in Drama	✓	✓	✓	✓

715	M.A English	21PEL04	Fiction	To introduce the students to the novels of some of the greatest English novelists	✓	✓	✓	✓
716	M.A English	21PELE1	Developing Communication Skills	To help the students to build self confidence and become successful citizens.	✓	✓	✓	✓
717	M.A English	21PEL05	Literary Criticism-I	To create interest in criticism and expose the students to different uses of language	✓	✓	✓	✓
718	M.A English	21PEL06	Indian English Literature	To make the students beware of the cultural nuances represented in Indian Literature	✓	✓	✓	✓
719	M.A English	21PEL07	American Literature	To give the students an insight into American writings in English	✓	✓	✓	✓
720	M.A English	21PEL08	History of English Language	To make the learn the background of English Language	✓	✓	✓	✓
721	M.A English	21PELE2	Introduction to Mass communication	Develop the knowledge of mass communication and its types.	✓	✓	✓	✓
722	M.A English	21PEL09	Literary Criticism-II	To make the students learn theories for appreciating the Literary Works thoroughly	✓	✓	✓	✓
723	M.A English	21PEL10	Women's Literature	To introduce students to feminist perspectives through different genres of literature	✓	✓	✓	✓
724	M.A English	21PEL11	Linguistics & English Language Education	To make the students get thorough knowledge of Linguistics	✓	✓	✓	✓
725	M.A English	21PEL12	Rhetoric & Research Methodology	To make the students know the rhetoric of research and produce quality research writing	✓	✓	✓	✓
726	M.A English	21PELE3	English Literature for Competitive Examinations I	To motivate the students to attend the competitive examinations confidently	✓	✓	✓	✓
727	M.A English	21PEL13	Canadian Literature	To introduce students to the works of eminent Canadian Writers	✓	✓	✓	✓
728	M.A English	21PEL14	Single Author Study – T.S.Eliot	Exhibit the artistic features of the masterpiece of Eliot's works	✓	✓	✓	✓
729	M.A English	21PELE4	English Literature for Competitive Examinations-II	To motivate the students to attend the competitive examinations confidently	✓	✓	✓	✓
730	M.A English	21PELE5	Personality Development	To make students aware of their Personality.	✓	✓	✓	✓
731	M.A History	21PHS02	History of the Pallavas and the Pandyas	To understand the political career of Pallavas and Pandyas.	✓	✓		
732	M.A History	21PHS03	History of Indian Culture	To acquire the knowledge about the Social, Economic and Religious conditions of the Medieval period.		✓	✓	
733	M.A History	21PHS04	History of Europe from 1453 to 1789 A.D.	To learn about the growth of Town, Universities, Art and Architecture.		✓	✓	✓
734	M.A History	21PHSE1	Women in Modern India	To know about the importance of women Studies.	✓	✓	✓	
735	M.A History	21PHS05	Historiography.	To study about the modernism, structuralism and subaltern studies.	✓	✓	✓	
736	M.A History	21PHS06	History of Europe from 1789 to 1945 A.D.	To study about the events between Two World Wars and Formation of U.N.O.			✓	✓
737	M.A History	21PHS07	Socio – Economic and Cultural History of Tamilnadu from 1800 to 1947 A.D.	To learn about the Social conditions of Tamil Nadu during the 19 th century.	✓	✓		

738	M.A History	21PHS08	History of Pudukkottai.	To get the knowledge about the rulers of Thondaiman and Relationship with the Britishers.	✓	✓		✓
739	M.A History	21PHSE2	Archaeology	To know about the Exploration and Excavation of the Archaeological sites.	✓	✓	✓	
740	M.A History	21PHS09	Research Methodology and Thesis Writing.	To understand about the types of Data collection			✓	✓
741	M.A History	21PHS10	History of the Cholas	To know about the rule of Imperial Cholas	✓	✓	✓	
742	M.A History	21PHS11	India's Foreign Policy	To understand about the Geographical features of India, World peace and Non - alignment Policy			✓	✓
743	M.A History	21PHS12	History of Indian Art & Architecture.	To study about the growth of Art under Pre Historic and Pre Mauryan periods.	✓	✓	✓	
744	M.A History	21PHSE3	Museology	To learn about the History & Administration of Museums.		✓	✓	✓
745	M.A History	21PHS13	Intellectual History of India	To study about the Political Leaders and Freedom fighters	✓	✓	✓	
746	M.A History	21PHS14	International Relations Since 1945 A.D.	To understand about the Various Treaties of Disarmament and Arms control.			✓	✓
747	M.A History	21PHSE4	Archives Keeping	To know about the need and History of Archives keeping in Europe and India.		✓	✓	✓
748	M.A History	21PHSE5	Political Thought	To learn about the different views of political thinker in Europe.			✓	✓
749	M.A Economics	21PEC01	Advanced Micro Economic Theory I	To make the students to understand consumer behavior with the theories of Demand and Production			✓	
750	M.A Economics	21PEC02	Macro Economic Theory I	To manipulate the basic Aggregate supply Aggregate Demand model of the macro economy		✓		
751	M.A Economics	21PEC03	Statistical Methods For Economic Analysis	Identify the types of data (Qualitative, Quantitative, discrete, and continuous)			✓	✓
752	M.A Economics	21PEC04	Issues in Indian Economy	Understand the demographic features	✓	✓	✓	
753	M.A Economics	21PECE1	Banking and Financial Market	Acquire knowledge about the central Banks			✓	✓
754	M.A Economics	21PEC05	Advanced Micro Economic Theory II	Impart a basic knowledge of the concept of welfare economics	✓	✓	✓	✓
755	M.A Economics	21PEC06	Macro Economic Theory II	Describe the main macroeconomics theories of short term fluctuations and long term growth in the economy	✓	✓	✓	✓
756	M.A Economics	21PEC07	Mathematical Methods	Acquire the knowledge in using mathematical tools		✓	✓	✓
757	M.A Economics	21PEC08	Basic Econometrics	Understand the basic theory of econometrics and relevant application of the methods in economic research			✓	
758	M.A Economics	21PECE2	Entrepreneurship Development	Understand of basic concepts of entrepreneurship and the project formulation and selection	✓	✓	✓	
759	M.A Economics	21PEC09	International Economics	Compare alternative theories of international trade and Evaluate the impact of tariff and non tariff barriers		✓	✓	

760	M.A Economics	21PEC10	Research Methodology	Gain knowledge in framing Hypothesis, Testing of Hypothesis, fact, theory and concept and Impart a basic knowledge on data collection and interpretation of data			✓	
761	M.A Economics	21PEC11	Advanced Public finance	Gain knowledge on the principles of public finance		✓		
762	M.A Economics	21PEC12	Managerial Economics	Determinants of Advertising budgets and Take decision for effective risk and uncertainty	✓	✓	✓	✓
763	M.A Economics	21PECE3	Computer Application in Economics	Understand the fundamentals of computer, the MS Word, MS Excel, MS Power Point and Internet.	✓	✓	✓	
764	M.A Economics	21PEC13	Economics of Growth and Development	Motivate the Students to learn the application of most up – to – date technology in the discipline (Economics)			✓	✓
765	M.A Economics	21PEC14	Human Resource Development	Help the student to know about the importance of human resources to enable the student	✓	✓	✓	✓
766	M.A Economics	21PECE4	Environmental Economics	Understand the basic theory of environmental economics and Gain sound knowledge in environmental education and policy measures	✓	✓	✓	✓
767	M.Com	21PCO01	Research Methods in Social Science	To gain knowledge on Research process, Research Design and Report Writing	✓	✓	✓	✓
768	M.Com	21PCO02	Internet & E-Commerce	To expose students to the web commerce business models	✓	✓	✓	✓
769	M.Com	21PCO03	Supply chain management	To know the latest concepts and features of SCM	✓	✓	✓	✓
770	M.Com	21PCO04	Business Ethics	To understand the basic concepts of Business Ethics	✓	✓	✓	
771	M.Com	21PCO05	Special Accounts	To acquaint the students with basic concepts of Global Financial Management	✓	✓	✓	
772	M.Com	21PCO06	Total Quality Management	To make students understand the concepts of quality and related techniques in implementing TQM.	✓	✓	✓	✓
773	M.Com	21PCO07	Export and Import Procedures	To know the basic concepts of international trade environment.	✓	✓	✓	✓
774	M.Com	21PCO08	Fundamentals of Information Technology	To Know the fundamentals of Computers	✓	✓	✓	✓
775	M.Com	21PCO09	Advanced cost and Management Accounting	To enable the students to understand the principles and procedures of cost accounting.	✓	✓	✓	✓
776	M.Com	21PCO10	Global Financial Management	To acquaint the students with basic concepts of Global Financial Management	✓	✓	✓	✓
777	M.Com	21PCO11	International Business and Environment	To understand the basic concept of International Business	✓	✓	✓	✓
778	M.Com	21PCO12	Security analysis and Portfolio Management	To understand the basic concept of Investment Management	✓	✓	✓	✓
779	M.Com	21PCO13	Strategic Management	To enable the students to know about the concept of strategic management.	✓	✓	✓	✓
780	M.Com	21PCO14	Indirect Taxes	To familiarize the student with special features of indirect taxes.	✓	✓	✓	

781	M.Com	21PCOE1	Global Trade Management	To acquaint the students with basic concepts of Global Financial Management	✓	✓	✓	✓
782	M.Com	21PCOE2	Organizational Behaviour	To know about the concepts of Organizational Behaviour.	✓	✓	✓	✓
783	M.Com	21PCOE3	Law and Procedure of Income Tax	To help students to understand the classes of Income tax concepts.	✓	✓	✓	✓
784	M.Com	21PCOE4	Corporate Laws	To Give knowledge about various Corporate laws	✓	✓	✓	✓
785	M.Com	21PCOE5	Human Resource Management	To enable the students to understand the concepts and practices followed in managing people at work	✓	✓	✓	✓
786	M.Sc Mathematics	21PMA01	Algebra	Apply the concept of importance of algebaric properties of groups and to develop the group structure to finite permutations Groups			✓	✓
787	M.Sc Mathematics	21PMA02	Real Analysis	To understand the concepts of the Real and Complex Number Systems in detail.		✓	✓	✓
788	M.Sc Mathematics	21PMA03	Differential Equations	To apply the concept mathematical models of physical or engineering processes.	✓	✓		✓
789	M.Sc Mathematics	21PMA04	Methods of Applied Mathematics	To apply the concept integral transforms, integral equations and calculus of variations as tools for problem solving.	✓		✓	✓
790	M.Sc Mathematics	21PMA05	Linear Algebra	To undersand the concept of extension field, roots of polynomia and the concept of Galois thery and finite field.		✓	✓	
791	M.Sc Mathematics	21PMA06	Real Mathematical Analysis	To understand the concepts of The Riemann-Stieltjes integration of real-valued functions.	✓	✓		✓
792	M.Sc Mathematics	21PMA07	Complex Analysis	To provide the deep knowledge about the applications of Singularities and residues		✓	✓	✓
793	M.Sc Mathematics	21PMA08P	Programming inPYTHON Practical	To recognize the input/output with files in Python.			✓	✓
794	M.Sc Mathematics	21PMA09	Topology	To agree of basis to generate topology and justified connectedness in topological spaces.	✓	✓	✓	
795	M.Sc Mathematics	21PMA10	Stochastic Processes	To discuss the theory of Markov Chains system and Determination of Higher Transition Probabilities.	✓		✓	
796	M.Sc Mathematics	21PMA11	Differential Geometry	To study the parametric curves on surfaces help us to study the properties of surfaces.			✓	✓
797	M.Sc Mathematics	21PMA12	Functional Analysis	To get the importance of theory of matrices in spectral theory.	✓		✓	✓
798	M.Sc Mathematics	21PMA13	Measure Theory and Integration	To introduce the concepts of measure and integral with respect to a measure, to show their basic properties, and to provide a basis for further studies	✓		✓	✓
799	M.Sc Mathematics	21PMA14	Optimization Techniques	To impart knowledge in Integer Linear Programming	✓	✓	✓	✓
800	M.Sc Mathematics	21PMAE4	Fuzzy Mathematics	To construct the Decision Making in Fuzzy Environment.			✓	✓

801	M.Sc Mathematics	21PMAE5	Fluid Dynamics	To inspect clear knowledge about fluid dynamics and apply this concepts on real time problems.	✓	✓	✓	✓
802	M.Sc Physics	21PPH01	Mathematical Physics	Mathematics is indispensable to physics as every physical situation has a mathematical basis. The course deals with application of mathematical methods to solve problems in physics. Though mathematical physics is a broad subject, this course covers some of the essential areas such as Fourier series, tensors, complex analysis, group theory and special function.			✓	
803	M.Sc Physics	21PPH02	Classical and Relativistic Mechanics	To study the fundamental principles of Lagrangian and Hamiltonian dynamics and in turn to understand the basic ideas of quantum statistics and nonlinear dynamics			✓	
804	M.Sc Physics	21PPH03	Electronics	On completion of the course the learner will know the construction and working of electronic devices and also to understand the applications of electronics devices.			✓	
805	M.Sc Physics	21PPH04P	General Experiments	Apply the basic principles of optics, heat, electricity and magnetism by doing relevant experiments.			✓	
806	M.Sc Physics	21PPHE1	Numerical Methods	To apply the mathematical concepts of Numerical methods to solve physical problems.			✓	
807	M.Sc Physics	21PPH05	Quantum Mechanics	Introduce Dirac's bra-ket formulation of quantum mechanics and make Learner familiar with various approximation methods applied to atomic, nuclear and solid-state physics, and to scattering			✓	
808	M.Sc Physics	21PPH06	Thermodynamics and Statistical Mechanics	By studying this course Laws of thermodynamics, entropy can be recalled. Analysing the transport phenomenon of gases, fluctuations in thermodynamic quantities. Creating knowledge connecting relativity with kinematics and electrodynamics.			✓	
809	M.Sc Physics	21PPH07	Spectroscopy	Spectroscopy can be used to detect, identify and quantify information about the atoms and molecules.			✓	
810	M.Sc Physics	21PPH08P	Electronics Experiments	The working principles of the electronics circuits which is used in devices can be studied based on the theoretical aspects			✓	
811	M.Sc Physics	21PPHE2	Advanced Physics	To recall the concepts of crystal systems and spectroscopy.			✓	
812	M.Sc Physics	21PPH09	Solid State Physics	To discern the fundamentals of solid structure of materials. Deliberate the properties of phonons. Convey the knowledge of free electron Fermi gas and get wide-open to semiconductor energy bands and the methods of calculation.			✓	

813	M.Sc Physics	21PPH10	Nuclear and Particle Physics	To make the students to study the nuclear structure, nuclear reactions, fusion and fission and elementary particles.			✓	✓
814	M.Sc Physics	21PPH11	Electromagnetic Theory	This course provides various laws in Electrostatics, Magnetostatics and its consequences. In electromagnetics Maxwell's equation, concept of gauge, gauge transformation can be analysed. Wave analysis provides knowledge about waveguides and TE and TM waves. Propagation of electromagnetic waves in different media can be analysed.		✓	✓	
815	M.Sc Physics	21PPH12P	Analog and Digital Experiments	To design various electronic circuits using IC and operational amplifiers.			✓	
816	M.Sc Physics	21PPHE3	Microprocessor and Microcontroller	To study the basics of Microprocessors and Microcontroller 8051.			✓	
817	M.Sc Physics	21PPH13	Material Science	To recall the concepts of Properties and applications of materials.			✓	
818	M.Sc Physics	21PPH14P	Microprocessor and Programming in C	To develop the basics programming concepts of Microprocessor and C programming in solving some mathematical problems and their applications.			✓	
819	M.Sc Physics	21PPHE4	Nano Physics	This course creates basic science behind nanotechnology, carbon and its unique nature, prime materials in nanoworld. SEM,AFM, EDAX and SQUID categorize and characterise the nanomaterials. Applications of nano world pointout the significance of nanotechnology.		✓	✓	
820	M.Sc Physics	21PPHE5	Laser and Fiber optics	To acquire the concepts of laser principles, types, applications and optical fiber, fiber optical communication system.		✓	✓	
821	M.Sc Chemistry	21PCH01	Organic chemistry – I	To learn about nomenclature of cyclic compounds	✓	✓		
822	M.Sc Chemistry	21PCH02	Inorganic chemistry – I	To understand the knowledge of acid base concept		✓	✓	
823	M.Sc Chemistry	21PCH03	Physical chemistry – I	To know the basic concepts of chemical kinetics.		✓		
824	M.Sc Chemistry	21PCH04P	Organic Practical –I	To carry out the preparation of organic compounds.	✓	✓		
825	M.Sc Chemistry	21PCH05P	Inorganic Practical – I	To learn the basic principles involved in the colorimetric estimation	✓	✓		
826	M.Sc Chemistry	21PCH06	Inorganic Chemistry- II	To study about solid state chemistry.	✓			
827	M.Sc Chemistry	21PCH07	Physical Methods in Chemistry –I	To understand the theory and principles of ESR spectroscopy	✓	✓	✓	
828	M.Sc Chemistry	21PCH08	Selected topics in Chemistry	To know the theory organic photochemistry	✓			✓
829	M.Sc Chemistry	21PCH09P	Organic Practical –II	To Estimate various organic compounds	✓	✓		
830	M.Sc Chemistry	21PCH10P	Inorganic Practical – II	Estimate various organic compounds	✓		✓	✓
831	M.Sc Chemistry	21PCH11	Organic Chemistry – II	To gain insight on natural products	✓	✓		
832	M.Sc Chemistry	21PCH12	Physical Chemistry – I	To know the applications of electro chemistry	✓	✓	✓	
833	M.Sc Chemistry	21PCH13P	Physical Practical– I	To Understand the concept of physical chemistry	✓	✓		✓
834	M.Sc Chemistry	21PCH13P	Polymer Chemistry	To know the degradation polymerisation	✓	✓		

835	M.Sc Chemistry	21PCHE2	Analytical Chemistry	To know the nature of errors and their types.	✓	✓	✓	✓
836	M.Sc Chemistry	21PCH14	Physical Methods in Chemistry –II	To know the applications of NMR spectroscopy	✓	✓		
837	M.Sc Chemistry	21PCH15P	Physical Practical –II	To learn to do some experiments in different cycles.	✓			✓
838	M.Sc Chemistry	21PCHE3	Green Chemistry	To study the antibiotics and their activity	✓	✓		
839	M.Sc Chemistry	21PCHE4	Recent Trends in Chemistry	To know Retero synthesis.		✓	✓	
840	M.Sc Computer Science	21PCS01	Design and Analysis of Algorithms	To understand the basic algorithmic concepts and to impart the skill of writing efficient algorithms			✓	
841	M.Sc Computer Science	21PCS02	Distributed Data Base Systems	To offer a thorough exposure to the design and manipulation of distributed database systems and to introduce the concepts of database security, concurrency and integrity.			✓	
842	M.Sc Computer Science	21PCS03	Advanced Java Programming	To impart sound knowledge in Advanced Programming skills and the concepts of Servlets and beans in Java.	✓	✓	✓	✓
843	M.Sc Computer Science	21PCSE1	Artificial Intelligence	To introduce the concepts of searching techniques, knowledge representation , symbolic representation in Artificial Intelligence	✓	✓	✓	✓
844	M.Sc Computer Science	21PCS05	Data Mining	To introduce the concepts of Data Mining, Data Warehousing and Web Mining			✓	✓
845	M.Sc Computer Science	21PCS06	Distributed Operating System	To provide a clear description of the fundamental concepts and design principles of distributed operating systems			✓	✓
846	M.Sc Computer Science	21PCS07	Distributed Technologies	To impart the concept of .NET Technologies			✓	✓
847	M.Sc Computer Science	21PCSE2	Machine Learning	To gain knowledge about Machine learning algorithms			✓	✓
848	M.Sc Computer Science	21PCS09	Compiler Design	To introduce the various phases of a compiler and also to develop skills in designing a compiler.			✓	
849	M.Sc Computer Science	21PCS10	Cloud Computing	To gain knowledge about the cloud computing by using various deployment model and transmit data to a computer or software, allowing them to carry out important services provided in cloud.		✓	✓	✓
850	M.Sc Computer Science	21PCS11	Wireless Networks	To learn the concept of Wireless Networks and WAP Architecture			✓	✓
851	M.Sc Computer Science	21PCSE3	Smart Devices Programming	To enable students to create applications for smart devices using Android	✓	✓	✓	✓
852	M.Sc Computer Science	21PCS13	Big Data Analytics	To understand Big Data platform and its use cases and to provide an overview of Apache Hadoop.		✓	✓	✓
853	M.Sc Computer Science	21PCSE4	Cryptography and Network Security	To impart knowledge about various concepts and methods of Network Security using cryptography basics and security in networks		✓	✓	✓

854	M.Sc Computer Science	21PCSE5	Internet of Things	To make the students to understand that the internet of things is a computing concept that depicts the idea of everyday physical objects being hooked up to the internet and being able to recognize themselves to other devices.		✓	✓	✓
855	M.Sc Zoology	21PZO01	Animal Physiology	To understand the physiology of Digestion and respiration, the various pathways that regulate metabolism, the Physiology and structure of Endocrine glands and Reproductive Physiology.	✓	✓		
856	M.Sc Zoology	21PZO02	Biochemistry and Biophysics	To describe the structure, classification and properties of Carbohydrates and Lipids, the Classification and Structural organization of amino acids and Proteins, the Classification, Properties of Enzymes and Vitamins, analyse the concepts and laws of energy, redox potential and NMR Spectroscopy and to acquire knowledge of Radioactivity and their measures.		✓	✓	✓
857	M.Sc Zoology	21PZO03	Developmental biology and Evolution	To understand the structure of gametes and the events of Gametogenesis, inductions and Human Development.To learn how Natural selection controls all the biological processes and Mechanism of Human Evolution.		✓	✓	
858	M.Sc Zoology	21PZO05	Biology of the Cell	To understand and analyze the Principles and applications of Microscopy, Principles of Cell communication and Cell adhesion, the Cytoskeleton and Cell organelles , Process of Cell Cycle and Characteristics, types and process of Cancer .		✓	✓	
859	M.Sc Zoology	21PZO06	Genetics and Molecular Biology	To get an overview of Mendalian traits.Human Genetics involving chromosomal disorders and role of Human Genome Project, the Hardy Weinberg law, various aspects of Population Genetics and Genetic basis of Cancer.			✓	✓
860	M.Sc Zoology	21PZO07	Tools and techniques for Biology	To understand the principles and applications of Microscopy ,Chromatography and Electrophoresis.	✓	✓		
861	M.Sc Zoology	21PZO09	Microbiology	To understand the structure and characteristic features of Bacteria, physical and chemical control measures and Quorum Sensing using Bioluminescence, microbes in Causing various diseases , Fermented dairy products and its processing, spoilage and preservation, Microbe as food SCP, and the concepts of Environmental Microbiology.	✓	✓	✓	✓
862	M.Sc Zoology	21PZO10	Immunology	To understand the concept of Immunity and Lymphoid organs.Antigen and Antibodies, the organization of MHC, Organ transplantation, Tumour and Autoimmunity and various techniques of Immunology.			✓	✓

863	M.Sc Zoology	21PZO11	Environmental Biology and Toxicology	To understand the concept of Interaction between environment and biota, concepts of Ecosystem, energy transformation between trophic levels and Productivity, different habitat ecology like Fresh water, Marine. Estuarine and Terrestrial Habitat, the prospects of the various natural resources and biodiversity, analyse the need for conservation of resources, applications of renewable resources, different types of pollution and their management to protect the health and welfare of human population in the world and the fundamentals in the basic areas of toxicology.	✓	✓		
864	M.Sc Zoology	21PZO13	Aquaculture	To understand the importance of aquaculture and construction of pond and control of Predatory insects the feed formulation techniques and to Learn the new techniques in live feed aquaculture, the Breeding and fish genetical approach.	✓	✓		
865	M.Sc Zoology	21PZOE2	Biotechnology	To understand the various techniques used in genetic engineering including enzymes and cloning vehicles. Human peptide hormones and Gene therapy the objectives of gene transfer techniques and the Production and application of Transgenic plants and animals and the ethics related to animal and plant biotechnology			✓	
866	M.Sc Zoology	21PZOE4	Health and Hygiene	To Understand the Health and Personal hygiene,the Occupational health and Health Programmes in India	✓	✓	✓	✓
867	M.Sc Zoology	21PZOE5	Poultry Science	To Understand the Different breeds of poultry and Choosing commercial the Rearing of Chick, Culling and Management of chicks, the Quality Management of freshly laid eggs and Preservation.	✓	✓		
868	M.Phil. Tamil	18MPTLC1	Tamil Elakkiya aarachi nerimuraikal	Ilakkiya araychi muraigalin neri muraikalai arinthu ayviyal nokkil payan peral.	✓	✓		
869	M.Phil. Tamil	18MPTLC2	Thiranaivu varalarum valarchiyum	Ilakkiya kolkaikalaiyum kotpattu thirankalaium arinthukollal.		✓	✓	
870	M.Phil. Tamil	18MPTLC3	Karpitthal kartal thirankal	To enable learners to critically analyze language theories and methods	✓	✓	✓	✓
871	M.Phil. Tamil	18MPTL1	Research Methodology and Theory of Literature	Know the fundamental concepts / basis of writing	✓	✓	✓	✓
872	M.Phil English	18MPEL2	Literary Criticism and Fiction	To inculcate critical and logical thinking skills	✓	✓	✓	✓
873	M.Phil Physics	18MPPH1	Research Methodology	To comprehend the principles of scientific research,scientific reports,numerical analysis, c Programming and analytical technique		✓	✓	

874	M.Phil Physics	18MPPH2	Advanced Physics	To recall imperfection in atomic packing , basic ideas of spectroscopy , importance of nanomaterials and energy sources			✓	✓
875	M.Phil Physics	18MPPH3A	Thin film Physics	To recall Imperfection in atomic packing , basic ideas of spectroscopy , importance of nanomaterials and energy sources			✓	
876	M.Phil Physics	18MPPH3B	Crystal Growth	To recall the concepts of nucleation and growth, solution growth technique, characterization technique and nonlinear optics		✓	✓	
877	M.Phil Physics	18MPPH3C	Ultrasonography	To summarize liquid state theories, the fundamentals of ultrasound, ultrasonic study of liquid, acoustical parameters, ultrasonic testing and the applications of ultrasound	✓		✓	
878	M.Phil Physics	18MPPH3D	Spectroscopy	To study the concepts of molecular vibrations, method of normal coordinate analysis, Visible and Ultraviolet spectroscopy, experimental techniques of IR and Raman spectroscopy and concept of group frequencies			✓	
879	M.Phil Physics	18MPPH4	Teaching and Learning Skills	To recall the concepts of information and communication technology, computer mediated teaching, pedagogy and teaching skill			✓	
880	M.Phil. Tamil	21MPTLC1	Tamil Elakkiya aarachi nerimuraikal	Ilakkiya araychi muraigalin neri muraikalai arinthu ayviyal nokkil payan peral.	✓	✓		
881	M.Phil. Tamil	21MPTLC2	Thiranaivu varalarum valarchiyum	Ilakkiya kolkaikalaiyum kotpattu thirankalaium arinthukollal.		✓	✓	
882	M.Phil. Tamil	21MPTLC3	Karpitthal kartal thirankal	To enable learners to critically analyze language theories and methods	✓	✓	✓	✓
883	M.Phil English	21MPEL1	Research Methodology and Theory of Literature	Know the fundamental concepts / basis of writing	✓	✓	✓	✓
884	M.Phil English	21MPEL2	Literary Criticism and Fiction	To inculcate critical and logical thinking skills	✓	✓	✓	✓
885	M.Phil English	21MPEL4	Teaching and Learning Skills	To enable learners to critically analyze language theories and methods	✓	✓	✓	✓
886	M.Phil English	21MPELCI	Research Methodology and Statistical Techniques	To familiarize the students with the basic concepts of research methodology in social research	✓	✓	✓	
887	M.Phil Economics	21MPEC2	Contemporary Issues in Indian Development	To understand India Global leakage		✓	✓	
888	M.Phil Economics	21MPEC4A	Rural Economics	To make the student understand rural problems and development and women empowerment		✓	✓	
889	M.Phil Economics	21MPEC4B	Labour Economics	Understand the theory of labour demand, analyze labour market equilibrium and different market conditions	✓	✓	✓	
890	M.Phil Economics	21MPEC3	Teaching and Learning Skills	Develop skills of ICT and apply them in teaching learning contents and research			✓	

891	M.Phil Physics	21MPPH1	Research Methodology	To comprehend the principles of scientific research, scientific reports, numerical analysis, c Programming and analytical technique		✓	✓	
892	M.Phil Physics	21MPPH2	Advanced Physics	To recall imperfection in atomic packing , basic ideas of spectroscopy , importance of nanomaterials and energy sources			✓	✓
893	M.Phil Physics	21MPPH3A	Thin film Physics	To recall Imperfection in atomic packing , basic ideas of spectroscopy , importance of nanomaterials and energy sources			✓	
894	M.Phil Physics	21MPPH3B	Crystal Growth	To recall the concepts of nucleation and growth, solution growth technique, characterization technique and nonlinear optics		✓	✓	
895	M.Phil Physics	21MPPH3C	Ultrasonography	To summarize liquid state theories, the fundamentals of ultrasound, ultrasonic study of liquid, acoustical parameters, ultrasonic testing and the applications of ultrasound	✓		✓	
896	M.Phil Physics	21MPPH3D	Spectroscopy	To study the concepts of molecular vibrations, method of normal coordinate analysis, Visible and Ultraviolet spectroscopy, experimental Techniques of IR and Raman spectroscopy and concept of group frequencies			✓	
897	M.Phil Physics	21MPPH4	Teaching and Learning Skills	To recall the concepts of information and communication technology, computer mediated teaching, pedagogy and teaching skill			✓	




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