

GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)

KUMBAKONAM – 612 001

Affiliated to Bharathidasan University

DST - CURIE Sponsored Institution

IV Cycle of Accreditation



0435 – 2401391



principal@gwkw.ac.in



**Curriculum Relevance to
Local, Regional, National
and Global Needs**

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Department of Botany

Course Code	Title of Course	Need-Local/ National/ Regional/ Global	Description about the need addressed
U21BO3NME1:1	Bio fertilizers and Bio pesticides.	Local	Cultural method of <i>Azospirillum</i> , <i>Azotobacter</i> , <i>Azolla</i> and <i>Anabaena</i> , carrier materials and Advantages of biopesticides and commercialization.
U21BO4NME2:2	Seed pathology	Local	History of Seed Pathology-Importance in agriculture -losses caused by seed borne diseases. Seed health testing for fungi, bacteria and viruses: Principles and methods.
U21BO5MBE1:3	Biological Control	Local	Definition - Factors involved in Biological control - The host, The pathogen or parasite, physical environment, The antagonists- Applications.
U21BO6MBE2:2	Preservation of Fruits and Vegetables	Local	Principles of preservation, Methods of preservation - refrigeration, freezing, canning, drying and dehydration, chemical preservatives.
18BO4NMEC2/ U21BO4NME2:1	Horticulture	Local	Horticulture - scope and importance. Horticultural crops - climate, soil, water and nutritional needs. Plant propagation methods – cutting, layering, grafting and budding. Plant growth regulators in horticulture.
18BOC203/ U21BOC203	Microbiology & Plant Pathology and Plant Protection	Local/ National/ Regional	Bacteria and Viruses – Discovery, General characteristics and cell structure and Importance, equipments and techniques used in plant protection.
18BOC612/ U21BOC614	Plant Ecology and Conservation.	Local	Plant environment and Pollution and its control Air pollution, Radiation pollution, Noise pollution, Thermal Pollution-Soil pollution: Industrial, agrochemicals
18BO6EC4/ U21BO6MBE2:1	Plant breeding, Landscaping and	National	Horticulture - scope and importance. Horticultural crops - climate, soil,



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	Horticulture		water and nutritional needs. Plant propagation methods – cutting, layering, grafting, and budding. Plant growth regulators in horticulture.
18BOC304/ U21BOC305	Bryophytes, Pteridophytes, Gymnosperms and Paleobotany	National	Bryophytes, Pteridophytes, and Gymnosperms Morphology, structure, Reproduction, life-history, fossils and methods of fossilization
U21BO6MBE2:3	Biotechnology	Regional/ Global	Biological nitrogen fixation-mechanism, use of Azotobacter, Anabaena and Rhizobium as bio fertilizer organisms and Fermentation: Types.
18BOC203/U21B OC203	Microbiology & Plant Pathology and Plant Protection	Regional	Bacteria and Viruses – Discovery, General characteristics and cell structure and Importance, equipments and techniques used in plant protection.
18BOC509/ U21BOC511	Morphology, Taxonomy of Angiosperm and Economic Botany	Global	Binomial nomenclature – ICBN rules – taxonomic types.
SBBH/ U21BO5MBE1:1	Bio- recourse and Human Welfare	Global	Useful products from microorganisms – Single cell proteins from fungi (yeast), algae (Spirulina), antioxidants from Dunaliellasalina, Vitamins, enzymes, organic acids, antibiotics and Traditional and economically important wood plant species of India that are significant globally
U21BO5MBE1:2	Applied Microbiology	Global	Importance and relevance of herbal drugs in Indian Systems of Medicine with global significance. Pharmacognosy – aim, scope and branches.
U21BO6MBE3:3	Plant Tissue Culture	Global	Cell, tissue, and organ culture; Explants and organs for culture - cell suspension



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			cultures - batch, continuous, chemostat culture.
18BOC507/ U21BOC509	Cell and Molecular Biology.	Global	Microbial genetics – PCR, Basic mechanism of signal transduction – principles of cell communication - Programmed Cell Death (PCD).
18BOC508/ U21BOC510	Genetics, Biostatistics and Evolution	Global	Definition and scope, Sampling techniques and Evolutionary concepts, theories.
18BOC612/ U21BOC614	Plant Ecology and Conservation.	Global	Plant environment and Pollution and its control over Air pollution, Radiation pollution, Noise pollution, Thermal Pollution-Soil pollution: Industrial Pollution, agrochemicals Pollution.
U21BO6MBE3:1	Plant Biotechnology and Bioinformatics.	Global	Biotechnology: definition and scope. Tissue culture and Bioinformatics: History, scope and applications. Types of biological databases.
U21BO6MBE3:2	Environmental Biotechnology	Global	The environment - soil, water and air. Pollution and its causes (Outline only) Nonconventional energy sources; biogas production.



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Department of Chemistry

Course Code	Title of Course	Need-Local/ National/ Regional/ Global	Description about the need addressed
U21CHC102P/ 18CHC405P2	VOLUMETRIC ANALYSIS PRACTICALS	Global	To gain the knowledge & skills on volumetric analysis.
U21CHC204P/ 18CHC20P1	INORGANIC QUALITATIVE ANALYSIS	Global	Developing skills in identifying the giving inorganic mixture by confirmatory tests.
U21CH3NME1:2/ 18CH3NMEC1:1	CHEMISTRY OF CONSUMER PRODUCTS	National	Students understand the usage and hazards of chemicals in daily life
U21CH3NME1:1/ 18CH3NMEC1	AGRICULTURAL CHEMISTRY	Regional	Students understand the usage and hazards of fertilizers and pesticides
U21CH4NME2:1/ 18CH4NMEC2	INDUSTRIAL CHEMISTRY	National	This course deals the Industrial products – sugar, paper, pigments, paints, varnishes, glass, ceramic, lime, fertilizers, adhesives, lubricants, explosives and oils
18CH4NMEC2 :1/ U21CH4NME2:2	BASIC CLINICAL CHEMISTRY	Global/ National	Students understand about drugs, antibiotics, anesthetics, analgesics and its uses.
U214CHSE1	HYDRO CHEMISTRY	Global	To study about water pollution and its types along with the water quality parameters and various techniques for waste treatment to maintain the environmental sustainability.
U21CH5MBE1:1/ 18CHC5EC3	ANALYTICAL CHEMISTRY (E-IA)	Regional	To study the principles and applications of chromatography, colorimetry methods
U21CH5MBE1:2/ 18CHC5EC3:1	WATER TREATMENT AND ANALYSIS (E-IB)	Global	To study about water pollution and its types along with the water quality parameters and various techniques for waste treatment to maintain the environmental sustainability.
U21CH5MBE1:3/ 18CHC5EC3:2	ORGANIC SYNTHESIS	Regional	To develop the skills on synthesis of organic compounds.



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U215CHSE2	DOMESTIC CHEMISTRY	Local	The students are skilled to prepare domestic products.
U215CHSE3	IMPACT OF MEDICINAL PLANTS ON SOCIETY	Regional	To learn about medicinal plants and its extraction method.
U21CH6MBE2:2/ 18CH6EC4:1	FOOD CHEMISTRY	Global	The students are aware of food flavours, additives, food adulterants and its detection in various food items.
U21CH6MBE2:3/ 18CH6EC4:2	ROLE OF CHEMISTRY IN LIFE - (E -II C)	Global	The students are aware of importance of domestic products used in their daily life
U21CH6MBE3:1 / 18CH6EC5	PHARMACEUTICAL CHEMISTRY	Global	Correlate the structure-mechanism and drug action of antibiotics.
U21CH6MBE3:2/ 18CH6EC5:1	BIO-CHEMISTRY	Global	Elucidate the role of enzymes and hormones in major metabolic path ways.
P21CH1MBE1:1 / P18CHC1EC1	ORGANIC CHEMISTRY -I	Global	To make the students aware of Stereo-chemistry, isomerism, and pictorial representation in 3D and some reaction mechanisms.
P21CH3MBE3:3/ P18CHC1EC1	SOLID-STATE CHEMISTRY	Global	It gives knowledge about magnetism and crystallography
P21CHC102/ P18CHC101	PHYSICAL CHEMISTRY -I	Global	To understand the principles on Thermodynamics
P18CHC309	INORGANIC CHEMISTRY-III	Global	To deduce the structure of coordination compounds using Electronic, IR and Raman spectral data.
P18CHC310	ORGANIC SPECTROSCOPY	Global	To interpret the structure of organic compounds using UV, I& NMR and Mass spectral data.
P21CH1MBE1:2/ P18CHC3EC3:2	CHEMISTRY OF NANO SCIENCE (I B)	Global	To mould the young minds by futuristic trends in chemistry of nanomaterials, its synthesis, characterization techniques and applications towards the bio sustainability.



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P21CH1MBE1:3/ P18CH2EC2 :1	SUPRA MOLECULAR CHEMISTRY (I C)	Global	To study about the fundamentals, reactivity and catalysis of supra molecular chemistry.
P21CH2MBE2:2/ P18CHC1EC1:2	GREEN CHEMISTRY (II B)	Global	To understand the different techniques on green chemistry.
P21CH2MBE2:3/ P18CHC3EC3:1	BIO ORGANIC CHEMISTRY (II C)	Global	To understand the role of metals, metal complexes in biological system.
P21CH2ED	FOOD & NUTRITION	Regional	The students are aware of food flavours, additives, food adulterants and its detection in various food items.
P21CH3MBE3:1/ P18CHC3EC3	MEDICINAL CHEMISTRY	Global	The students are aware of drugs, drug metabolism, development and design of new drugs, structure activity relationship. It also explains the mode of action of antibacterial and anticancer drugs
P21CH4MBE4:1/ P18CHCEC4	RECENT TRENDS IN CHEMISTRY (IV A)	Global	Gain basic knowledge in various advanced research fields
P21CH4MBE4:2 / P18CHCEC4:2	EXPERIMENTAL METHODS IN CHEMISTRY (IV-B)	Global	The students are aware of the various concepts of Electro-analytical techniques and separation techniques.
P21CH4MBE4:3	POLYMER CHEMISTRY (IV C)	Global	Students aware of various synthesis methods of polymerisation and its applications.
P21CH1SE1 / P18CH2EC2:2	TEXTILE CHEMISTRY	National	Gain basic knowledge in manufacturing processes of cotton & synthetic fibres.
P21CH2SE2P	TEXTILE CHEMISTRY PRACTICAL	National	Gain basic knowledge in manufacturing processes of cotton & synthetic fibres.
P21CHC311/ P18CHC311	PHYSICAL CHEMISTRY-II	Global	To understand the principles on electrochemistry & group theory
P21CHC312P /P18CHC312P5	PHYSICAL CHEMISTRY PRACTICALS-I	Global	To acquire the skills on determination of different physical parameters



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Course Code	Title of Course	Need-Local/ National/ Regional/ Global	Description about the need addressed
P21CHC414P / P18CHC414P6	PHYSICAL CHEMISTRY PRACTICALS-II	Global	To analyze the physical parameters of the given salt by conductometric and potentiometric methods.
P21CHPW415/	PROJECT	Regional	To propose new, sustainable and innovative solutions for real time applications.



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Department of Commerce

COURSE CODE	TITLE OF THE COURSE	Need Global/National/Regional	Description about the need addressed
18CO6EC4/U21CO6MBE 2:2	International Trade	Global	Provides knowledge about trade among nations.
18COC101/U21COC101	Financial Accounting	National	Adopts the rules and regulations to measure financial performance in India following the Indian Accounting standards.
18COC304/U21COC203	Business Accounting	National	Preparing accounts following the procedures issued by Accounting Standards Board of India.
18COC304/U21COC304	Partnership Accounting	National	Accounting for partnership concerns as prescribed by the Indian Partnership Act, 1932.
18COC102/U21COC305	Banking Theory Law and Practice	National	Provides knowledge of Indian Banking System.
18CO3A4/U21CO3A4	Business Law	National	Provides knowledge about the Indian Contract Act, 1872 and Indian Partnership Act, 1932.
U21CO3NME1:2	Banking Practices	National	Provides basic information regarding banking activities in India.
18COC406/U21COC406	Cost Accounting	National	Students learn the procedure of accounting in Manufacturing companies according to the regulations of Institute of Cost Accountants of India.
18CO4A5/U21CO4A5	Company Law	National	Provides knowledge of the Indian Companies Act, 1956.
18COC507/U21COC508	Corporate Accounting	National	Learning accounting procedure for companies registered under Indian companies Act, 1956.
18COC509/U21COC509	Auditing	National	Ensuring that the books of accounts of the companies are in compliance with the Indian Companies Act and learn about the Institute of Chartered Accountants of India.
U21COSE2	Forms used in business	National	Learn to fill up forms like bank challans, application for PAN, IT related forms which are commonly used in India.
U21CO5SE3/	Goods and Service Tax	National	Provides knowledge about the Indian Goods and Services Tax Act. 2016.
18COC612/ U21COC612/	Income Tax Theory Law and Practice	National	Learning the provisions of Income Tax Act of India.



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18CO6EC5/ U21CO6MBE3:1/	Financial Services	National	Knowledge of major financial services in India.
U21CO4NME2:1	Entrepreneurial Development	Regional	Enhancing the entrepreneurial knowledge and skills and providing knowledge about various schemes available in district and state level.
U214COSE1	Soft skill for career development-practical	Regional	To help them attend interview and get a job in the regional level.
U213SS1	Mathematic aptitude for Recruitment Board of Examination	Regional	Job opportunity in regional level by writing TNPSC and other competitive exams.
U214SS2	Social study for competitive examination	Regional	Job opportunity in regional level by writing TNPSC and other competitive exams.
P18COC309/P21COC311	International Financial Management	Global	Familiarises with foreign exchange activities.
P18COC414/P21COC413	Security Analysis and Portfolio Management	Global	Gaining knowledge about share trading in stock exchanges globally.
P18CO3EC3T/P21CO4M BE4:2	E-Commerce	Global	Promotion of online trading of goods and services all over the world.
P18CO2EC2/ P21CO4MBE4:1	Goods and Service Tax	National	Provides knowledge about the Indian Goods and Services Tax Act. 2016.
P18COC208/ P21COC205	Income Tax Theory Law and Practice	National	Learning the provisions of Income Tax Act of India.
P18COC311/ P21COC208	Financial Services	National	Knowledge of major financial services in India.
P18COC103/ P21COC102	Cost and Management Accounting	National	Learning tools and techniques of Cost and Management Accounting adopted in India.
P18COC101/ P21COC103	Indian Financial system	National	Knowledge of the major financial system followed in India.



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Course Code	Title of Course	Need-Local/ National/ Regional/ Global	Description about the need addressed
P212SS1	General Studies for Research fellowships and Lectureships	National	Preparation for lectureship and research fellowship examinations.
P18COC312/ P21COC309	Advanced Corporate Accounting	National	Adopting accounting procedure and preparation of financial statements according to Indian Accounting Standards.
P21CO3SS2	Commerce for Competitive Examination	National	Preparing students to get through National Eligibility Test and the competitive exams at the National Level.
P18COC413/ P21COC414	Entrepreneurial Development	National	To learn the procedure to start business in India and providing information relating to financial and other support provided in India for business.
P21CO2ED	Women Entrepreneurial Development	Regional	Enhancing the entrepreneurial knowledge and skills and providing knowledge about various schemes available for women entrepreneur at the district and state level.



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Department of Computer Science

Course Code	Title of Course	Need-Local/ National/ Regional/ Global	Description about the need addressed
P17CSC103	Advanced Java Programming	Global	To provide design to develop web-based, network- centric enterprise applications.
P17CSC207	Compiler Design	Global	To design High level language Code Compilation and error detection, Program translation and computer architecture design and optimization.
P17CSC208	Programming in C# and .NET Framework	Global	To develop Form-based applications, Web-based applications and Web services.
P17CSCEC1:3	Bio Informatics	Global	The Computational, Statistical and computer programming techniques are used for computer simulation analysis of biological queries.
P21CSC103	Python Programming	Global	Focuses on python machine learning and AI, Web Development, IOT and Application development.
P21CS1MBE1:1	Parallel Processing	Global	Parallel Processing can solve more complex problems effectively. Efficient in handling simultaneous data processing operations.
P21CS2MBE2:1	Network Security	Global	To protect organizations and individuals from cyber-attacks. To prevent unauthorized access to a network.
P21CS2MBE2:2	Software Project Management	Global	Software Management Framework for tracing and managing projects
P21CS2MBE2:3	Soft Computing	Global	Addresses Soft Computing Techniques such as neural networks, fuzzy systems and genetic algorithm.
P21CS3MBE3:3	Artificial Intelligence	Global	Language translation, image recognition, e-Commerce and other domains are the main applications of Artificial intelligence.




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Course Code	Title of Course	Need-Local/ National/ Regional/ Global	Description about the need addressed
P21CS4MBE4:1	Deep Learning	Global	Deep learning algorithms facilitate facial recognition, speech recognition and image classifications.
P21CS4MBE4:2	Internet of Things	Global	To provide the communication technologies in IoT, IoT protocols and web of things.
P21CS1MBE1:2	Grid Computing	Global	To Provide technology for coordinating large resource sharing and problem solving among different institutions / companies.
P21CS1MBE1:3	Cloud Computing	Global	Cloud computing operates on web-based email clients, allowing users to access all the resources and files of the system.
P21CSC310	Data Mining	Global	Principles of data retrieval from large databases through data mining Techniques.
P21CSC311	Data Analytics	Global	Data analytics can shape business process, improve decision making, and faster business growth.
17CSC101	Programming in C	Global	A High-level Programming language employing C Program that constructs OS, GUI and Embedded system.
17CSC203	Object Oriented Programming with C++	Global	To Provide Banking Applications, Database Management Software, Web browser and Cloud Storage System.
U21CSC305	Fundamentals of Data Structures and algorithms	Global	Apply data structure to algorithmically design efficient programs that will cope with the complexity of actual applications.
U21CSC407	Programming in Java	Global	To impart the programming skills in JAVA.



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U21CSC509	Operating Systems	Global	It provides valuable services to user programs and controls all the computer resources.
U21CSC510	Computer Architecture & Fundamentals of Microprocessor	Global	It gives the background of internal communication of computers. It gives better idea on how to write assembly language program.
U21CSC511	Data and Computer Communications	Global	To enable seamless exchange of data between any two points in the world. The transmission of the digital data between two or more computers and computer networks or telecommunication network.
U21CS5MBE1:2	Multimedia Systems	Global	To create the multimedia applications
U21CS5MBE1:3	Digital Image Processing	Global	To provide complete knowledge on Digital Image Processing methods such as Spatial Domain, Frequency Domain, Edge Detection, Compression, Segmentation and Morphological operations
U215CSSE2	Fundamentals of Photoshop - Practical	Global	To provide basic ideas with reference to working with images and colors in Photoshop.
U21CSC613	Data Base System Concepts	Global	Acquire Knowledge of Database Models, Applications of Database Models and Emerging Trends.
U21CSC614	PHP Scripting Language	Global	Understand the fundamental knowledge of developing web applications with PHP
U21CS6MBE2:1	Software Engineering	Global	Design, development, testing and maintenance of software applications.



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U21CS6MBE3:1	Internet of Things	Global	IOT is most abundant in manufacturing, transportation and utility organizations that use sensors and other IOT devices.
U21CS6MBE3:2	Cyber Security	Global	To acquire knowledge about the Cyber Security, Security Polices and Cyber Management issues.
P17CSC101	Mathematical Foundations	National	Applications of graph theory, computer representations of graph, concepts of set theory and Boolean algebra.
P17CSC206	Microprocessors and Microcontrollers	National	Microprocessor and Microcontrollers are optimized to perform a dedicated low power application and ideal for embedded systems.
P17CSC413	Open-Source Technologies	National	To Improve the software and even come up with their own innovations.
P21CSC102	Object Oriented Analysis and Design & Unified Modeling Language	National	To provide the concept of Object-Oriented Methodology for developing a software application.
P21CSC205	Distributed Operating System	National	Introduce concepts in the design of the Unix Operating System and Design Principles.
P21CSC309	Advanced Computer Architecture	National	Interpret the performance of a processor based on matrices such as execution time, cycles per instruction, instruction count, etc.,
P21CS3MBE3:1	Software Quality Assurance and Testing	National	To provide the knowledge in analyzing the program flow and identify bugs over it in a systematic approach.
P21CS3MBE3:2	Pervasive Computing	National	Pervasive computing are sensors, Actuators, Embedded Applications and User interface are made to appear anytime and anywhere.



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U21CS6MBE2:2	System Analysis and Design	National	Enabling comprehension of complicated structures: Identify potential problems that can affect the performance of the system.
U21CS6MBE2:3	Software Project Management	National	Introduces basic concepts of Software Project Management and various phases in Software Management Framework.
U21CS5MBE1:1	Computer Graphics	National	To visualize complex concepts in a more intuitive and engaging manner.
P21CS1SE1	Document Preparation System – Latex	Local	Type setting of complex mathematical formulas, tables using latex.
P21CS2SE2P	Practical - Document Preparation System – Latex Lab	Local	To Design the Basic commands in Latex
SBHC	Hardware Concepts	Local	To provide the technology, services and working of various devices with its architecture.
U21CS3NME1:1	Fundamentals of Photoshop Lab	Local	Design and edit image using Photoshop
U21CS3NME1:2	Office Automation Lab	Local	To provide basic working concepts of MS Word, Excel and Power point




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Department of Economics

Course Code	Title of Course	Need-Local/National/Regional/Global	Description about the need addressed
18ECC305	INTERNATIONAL ECONOMICS	GLOBAL	To gain insight into the issues of trade and finance at the global level.
18EC C406	LABOUR ECONOMICS	GLOBAL	The labour is engine of growth and the prime factor for production. Labour will activate all factors of production.
U21ECC102	INDIAN ECONOMIC DEVELOPMENT	NATIONAL	To familiarize students with basic features of the Indian economy and its process of development
18ECC507/18ECC611	MACRO ECONOMICS	NATIONAL	The study of macro economics is very important for evaluating the overall performance of the economy in terms of national income.
18EC3NMEC2	AGRICULTURAL ECONOMICS	NATIONAL	Agriculture is prime occupation of India and 70% of the population depends on agriculture sector. Agricultural economics plays a role in the economic development.
U21EC6MBE2:3	REGIONAL ECONOMICS	REGIONAL	The regional problems that are spatially analysable so that theoretical or policy implications can be the desired with respect to regions whose geographical scope ranges from local to global areas.
ECCA02/U21EC3NME1:2	TAMILNADU ECONOMY	REGIONAL	Tamil Nadu has the second largest state economy in India, it's also the most industrialized state in the country. The states can tax that revenue and gain the capacity and resources needed to provide the public goods and services.
P18ECC309	INTERNATIONAL ECONOMICS	GLOBAL	To gain insight into the issues of trade and finance at the global level.
P21ECC103	AGRICULTURAL ECONOMICS	NATIONAL	Agriculture is prime occupation of India and 70% of the population depends on agriculture sector. Agricultural economics plays a role in the economic development.
P21EC1MBE2:1	WOMEN AND INDIAN ECONOMY	NATIONAL	The women entrepreneurs play a crucial role in the Indian Economy and have a significant effect on it by generating employment, accelerating development and fostering prosperity.
P21EC2ED	INDIAN ECONOMIC PROBLEMS	NATIONAL	Since 1991, the Indian economy has pursued free market liberalization, greater openness in trade and increase investment in infrastructure.
P18ECC413	ECONOMIC GROWTH AND	NATIONAL	The economic growth has traditional been attributed to the accumulation of human and physical capital and the



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Course Code	Title of Course	Need-Local/National/Regional/Global	Description about the need addressed
	DEVELOPMENT		increases in productivity and creation of new goods arising from technological innovation.
P18EC4EC4	ENVIRONMENTAL ECONOMICS	NATIONAL	It promotes sustainable development, economic valuation of natural resources and strategies for stability by addressing issues like externalities and other environmental concerns.



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Department of English

COURSE CODE	COURSE TITLE	Need-Local/National/Regional/Global	Description about the need addressed
18ELC101	Prose	Global	To improve the skills of reading and writing in English and to understand the western literary pieces to reflect on various societal contexts and values internationally.
18ELC102	Short Stories and Essays	Global	Enabling to discuss the content of the English stories and structure in depth and developing students' performance skills in narration
18EL1A1	Social History of England	Global	To enhance the knowledge on the background history and developments of England, understanding the connections between local, regional, national and international history; between cultural, economic, military, political, religious and social history; and between short- and long-term timescales.
18ELC203	Poetry-I	Global	To analyze the various elements of English poetry, such as diction, tone, form, genre, imagery, figures of speech, symbolism, theme, etc. To enable the students to understand the thought and imagination elevated in the English classic poems.
18EL2A2	History of English Literature I	Global	To enable the students with the western knowledge of socio-cultural background, literary and intellectual background and also the development of British drama and theatre
18EL2A3	Literary Forms	Global	To enable students to write with proficiency in one or more creative literary form (poetry, fiction, creative non-fiction) by denoting the examples from the English literary works.
18ELC304	Poetry-II	Global	To analyze the various elements of English poetry, such as diction, tone, form, genre, imagery, figures of speech, symbolism, theme, etc. To enable the students to understand the thought and imagination elevated in the English classic poems.
18ELC305	Fiction	Global	To educate students in both the artistry and utility of the English language through the study of literature and other contemporary forms of culture.
18EL3A4	History of English Literature II	Global	To provide the students with the knowledge of political, economic, social and intellectual



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COURSE CODE	COURSE TITLE	Need-Local/National/Regional/Global	Description about the need addressed
			background of England so as to enable them to study the works as representative of the period
18EL3NMEC1	Personality Development- Short Stories in English	National	To build self-confidence, enhance self-esteem and improve overall personality of the students to face challenges in life with confidence.
18ELC406	Drama	Global	To make the students learn the dramatic elements of a plot for their effectiveness and cohesiveness
18EL4A5	Introduction to Language and Linguistics	Global	To develop the understanding of the origin of language, development of vocabulary and meaning in the minds of students. To comprehend the basic grammatical and semantic categories of the global language.
18EL4A6	Comparative Literature	Global	To interpret a literary text or other cultural artifact in a non-native target language and to develop advanced skills in order to compare texts from variety of different traditions, genres, periods and areas. This helps the students to compare texts around the world.
18EL4NMEC2	Personality Development- Personalities and Perceptions	National	The programme aims at grooming the students through sensitizing them about proper behavior, socially and professionally, in formal and informal circumstances.
SBEEC	Skill based Elective I English for Everyday Communication	National	To familiarize the students with major Indian writers in English and get their knowledge updated on contemporary Indian literature in English (Till the first decade of 21st century).
SBEW	Skill based Elective II English for Workplace Communication	National	To enable the learner to communicate effectively and appropriately in real life situation
SBEP	Skill based Elective III English Phonetics	National	To gain confidence speaking English in work situations and enhance their writing proficiency in business communication tasks such as emails, memo, agendas
18ELC507	Shakespeare	Global	To identify, explicate, and respond to key themes and elements in Old English Shakespearean drama and to understand the versatility of the author.



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18ELC508	Principles of Literary Criticism	Global	To make the students to be familiar with basic theories, knowledge areas and analytical tools of the field through a number of contemporary and historical schools of literary world.
18ELC509	American Literature	Global	This helps the students to identify relationships between moments in American history, colonialism, and culture and their representation in works of American literature.
18EL5EC3	Translation Theory and Practice	Global	Demonstrate an appropriate understanding of the significance of languages and translation in the study of any text and helps them to translate text from English to Tamil and vice versa.
18ELC612	Common Wealth Literature	Global	To promote understanding on global issues, international co-operation and the work of Commonwealth organizations
18ELC613	English Language Teaching	Global	To understand different approaches and methods of teaching English as second Language. This helps the students to teach English anywhere in the world.
18EL6EC4	Journalism	Global	To develop the learner into competent and efficient Media & Entertainment Industry ready professionals.
18ELC611	Indian Writing in English	National	To create awareness among the students of the rich and diverse Indian culture of India.
18EL6EC5	English for Competitive Examinations	National	To install confidence in learners and improve their language skills to face the challenges of a competitive examination
U21ELC101	Age of Chaucer and Spenser	Global	To make the students comprehend the development of trends in British drama and poetry. To help the students view British literature in its socio-cultural and political contexts.
U21ELC102	Age of Milton and Pope	Global	To understand different features of Neoclassicism and its influence on English society also the students will acquire knowledge about the three basic genres of literature namely poetry, prose and drama along with its subdivisions and their emergence in various ages.
U21EL1A1	Literary Forms	Global	To enable students to write with proficiency in one or more creative literary form (poetry, fiction, creative non-fiction)



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COURSE CODE	COURSE TITLE	Need-Local/National/Regional/Global	Description about the need addressed
U211VE	Value Education	Local	Inculcation of good manners and of responsible and cooperative citizenship
U21ELC203	Eighteenth Century Romantic Literature	Global	To understand gradual changes from reason to emotion in British Literature.
U21EL2A2	History of English Literature I	Global	To enable the students with the knowledge of socio-cultural background, literary and intellectual background and also the development of British drama and theatre
U21EL2A3	Social History of England	Global	To gain historical perspective by placing their growing knowledge into different contexts, understanding the connections between local, regional, national and international history; between cultural, economic, military, political, religious and social history; and between short- and long-term timescales.
U212ES	Environmental Studies	Local	Imparting basic knowledge about the environment and its allied problems. This helps the students to be aware of the environmental conditions in their living area.
U21ELC304	Shakespeare	Global	To identify, explicate, and respond to key themes and elements in Shakespearean drama, as presented in both written and spoken form.
U21ELC305	Age of Tennyson	Global	To explain the key concepts of the Romantic revival and the impact of French Revolution on Romantic critical tradition
U21EL3A4	History of English Literature II	Global	To provide the students with the knowledge of political, economic, social and intellectual background so as to enable them to study the works as representative of the period
U21ELC406	British Literature: The 20th Century	Global	To familiarize the students with the modern literature of Britain in the early decades of 20 th century
U21EL3NME1:1	Spoken English for You	National	To enable them to have a coherent organization of information at sentence and discourse levels
U21EL3NME1:2	Personality Development- Short Stories in English	National	The programme aims at grooming the participants through sensitizing them about proper behavior, socially and professionally, in formal and informal circumstances.
U21EL4A5	English Phonetics	Global	To help the students develop the ability to identify and produce English key sounds as well as its basic rhythm, stress and intonation patterns in context



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COURSE CODE	COURSE TITLE	Need-Local/National/Regional/Global	Description about the need addressed
U21EL4A6	Women's Writing in English	Global	To create awareness of the importance of working toward a critical consciousness that allows for the dialectical process of rethinking and redefining notions and assumptions through reading and writing.
U214ELSE1	English for Business Communication	Global	To enhance employability of the students by developing their linguistic competence and communicative English.
U21EL4NME2:1	Written English for You	National	To improve the students skills as critical readers and thinkers, enabling students to identify an author's thesis and supporting points and to respond to the writing of both professionals and peers.
U21EL4NME2:2	Personality Development- Personalities and Perceptions	National	The programme aims at grooming the participants through sensitizing them about proper behavior, socially and professionally, in formal and informal circumstances.
U21ELC507	Literary Theory	Global	To make the students would read and understand unfamiliar articles on current research, theories and analyses theories and discipline- specific skills to teach, edit and other professional areas.
U21ELC508	Diasporic Literature	Global	To enable the students to examine the work of some authors of the Indian diaspora in America and Canada to uncover the change in historical, political, socio-economic and cultural context of migration from the Indian sub-continent.
U21ELC510	American Literature	Global	To understand the historical background of American literature and the American dream.
U21EL5MBE1:1	Comparative Literature	Global	To interpret a literary text or other cultural artifact in a non-native target language and to develop advanced skills in order to compare texts from variety of different traditions, genres, periods and areas
U21EL5MBE1:2	Green Studies	Global	To create awareness among the students through literature about environmental crisis through this the students will understand the global issues.
U215ELSE2	English for Technical Writing	Global	To help the students to recognize and incorporate basic grammar, mechanics, and sentence variety in writing , To enable them to answer with explanation for Interviews four basic skills in English Listening, Speaking, Reading and Writing.



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COURSE CODE	COURSE TITLE	Need-Local/National/Regional/Global	Description about the need addressed
U215ELSE3	English for Enrichment	Global	Develop the students an awareness of the importance of English language as a means of international communication.
U21ELC509	Indian Writing in English	National	To familiarize the students with major Indian writers in English and get their knowledge updated on contemporary Indian literature in English (Till the first decade of 21st century).
U21EL5MBE1:3	English for Competitive Examinations	National	To instill confidence in learners and improve their language skills to face the challenges of a competitive examination
U21EL6MBE2:2	Mass Communication and Journalism	National	To develop the learner into competent and efficient Media & Entertainment Industry ready professionals.
U21ELC611	English Critical Tradition	Global	To help the students understand how Western criticism built on the pillars of Classical criticism.
U21ELC612	Popular Literature	Global	To educate students in both the artistry and utility of the English language through the study of literature and other contemporary forms of culture.
U21ELC613	New Literatures	Global	To make the students focus on texts written by authors who live in a country that was colonised, and who write in English.
U21EL6MBE2:1	English Language Teaching	Global	To introduce various theoretical perspectives that underlies the teaching of ESL/EFL for nurturing and developing hands on experience in the field of ELT
U21EL6MBE2:3	Fiction	Global	To educate students in both the artistry and utility of the English language through the study of literature and other contemporary forms of culture.
U21EL6MBE3:1	Translation Theory and Practice	Global	To expose students to the various facets of literature and thereby to enhance them in comprehending the efficiency of English Language.
U21EL6MBE3:2	Single Author Study- T.S.Eliot	Global	To familiarize students with the history and theory of translation To introduce students to the techniques involved in translation
U21EL6MBE3:3	Drama	Global	Through practical and theoretical study, learners develop an understanding and enjoyment of



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COURSE CODE	COURSE TITLE	Need-Local/National/Regional/Global	Description about the need addressed
			drama, developing group and individual skills and studying ways to communicate ideas and feelings to an audience.
GS	Gender Studies	Local	Identify the ways gender, power, privilege, and oppression play out across a range of cultures and human experiences
P18ELC102	Modern Literature – I (1400 – 1660)	Global	To help students acquire knowledge of the England's political, social and intellectual background of the age through the works of various writers during this age.
P18ELC104	Indian Writing in English	National	To create awareness among the students of the rich and diverse Indian culture of India
P18EL3EC3	Ethics	National	To make the students aware of their responsibilities as human beings in order to protect environment and themselves.
P18ELC103	Modern Literature – II (1660 – 1798)	Global	To make students understand the origin of the prose works in English language during the Restoration period and varied prose works of the Age of Pope and its influence in the romantic period.
P18EL1EC1	Grammar, Rhetoric and Writing	Global	To expose students improve to extend the communication strategies in English
P18ELC205	Modern Literature – III (1798 – 1832)	Global	To make students appreciate the characteristics of the novels of Scott and Jane Austen
P18ELC206	Modern Literature – IV (1832 – 1945)	Global	To help students learn the revolutionary elements through Aesthetic Movement and anti- Victorian Movement in poetry, drama and novel during the Age of Hardy
P18ELC207	Shakespeare	Global	To expose students to the social and psychological aspects in some plays of Shakespeare. This will make the students understand Shakespeare's global reach, and the reactions his plays have received in different countries and centuries.
P18ELC208	Literary Criticism	Global	Literary theory examines a cross section of literature from a specific era, geographic location, or from writers of specific backgrounds or identities to draw conclusions about the similarities and differences in similar kinds of



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COURSE CODE	COURSE TITLE	Need-Local/National/Regional/Global	Description about the need addressed
			literary works.
P18EL2EC2	Green Studies	Global	To create awareness among the students through literature about environmental crisis. To develop care and concern for the global environment.
P18ELC309	Theory of Comparative Literature and Classics in Translation	Global	To help students to learn the scope, methodology and application of the theories in comparative literature with reference to texts around the world.
P18ELC310	Literary Theory	Global	To enable learners to understand a wide range of theoretical perspectives to enhance their appreciation of literary texts in foreign languages.
P18ELC311	Research Methodology	Global	To make students know the format of research and mechanics of writing. This will help the students to write research papers and publish in international journals.
P18ELC312	New Literatures in English	Global	To enable students to analyse the contributions of literature from different countries and to help students recognize the linguistic and social diversity in literature.
P18ELC413	Translation: Theory and Practice	Global	To introduce learners to the techniques involved in translation of literary and non-literary texts.
P18ELC414	Single-Author Study – T.S.Eliot	Global	To expose learners to the aspects of modernist culture with reference to T.S.Eliot
P18EL4EC4	English Literature for UGC Examinations	National	To help students prepare for Eligibility tests like SET & NET/ JRF and Pre- Ph.D Registration Test and other University Entrance Exams in English Literature.
P21ELC101	Modern Literature – I (1400 – 1660)	Global	To help students acquire knowledge of the political, social and intellectual background of the age through the works of various writers during this age.
P21ELC102	Modern Literature – II (1660 – 1798)	Global	To make students understand the origin of the prose works during the Restoration period and varied prose works of the Age of Pope
P21ELC104	Literary Criticism- I	Global	To introduce students to a variety of critical approaches to perceive the paradigm shift through the critical texts from Plato to T.S. Eliot



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COURSE CODE	COURSE TITLE	Need-Local/National/Regional/Global	Description about the need addressed
P21EL1MBE1:1	History of English Language	Global	To make students have a knowledge of the origins of English and its place in respect to other languages of the world
P21EL1MBE1:3	Classics in Translation: Eastern and Western	Global	The younger generation must be given an awareness of the socio-cultural flux in the world which in turn shall enhance their perception of the sustainable ethos
P21EL1MBE1:2	Indian Classical Literature	National	To make the students appreciate the two great Indian epics and its impact on Indian psyche.
P21EL1SE1	Journalism-Theory	National	To develop the learner into competent and efficient Media & Entertainment Industry ready professionals.
P21ELC205	Modern Literature – III (1798 –1832)	Global	To make students appreciate the characteristics of the novels of Scott and Jane Austen
P21ELC206	Modern Literature – IV (1832 – 1945)	Global	To help students learn the revolutionary elements through Aesthetic Movement and anti- Victorian Movement in poetry, drama and novel during the Age of Hardy
P21ELC207	Asian Literatures in English	Global	To make the students define social and historical contexts out of which Major Asian Literatures in English emerged and trace the development of it over time and across cultures.
P21ELC208	Literary Criticism - II	Global	To provide a conceptual framework of various critical theories through different ages that compliment and contradict one another as in Greek, Latin and English languages.
P21EL2MBE2:1	Language and Linguistics	Global	Students have a fundamental understanding of the basic nature, branches and history of linguistic inquiry
P21EL2MBE2:2	Postcolonial Literatures	Global	To make the students focus on texts written by authors who live in a country that was colonised, and who write in English. To make the students know how race, class, gender, history, and identity are presented and problematised in the literary texts,
P21EL2MBE2:3	Ethics	National	To make the students aware of their responsibilities as human beings in order to protect environment and themselves.
P21EL2ED	Technical Writing for Products and Services	National	To develop the learner into competent and efficient Media & Entertainment Industry ready professionals.



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P21EL2SE2P	Journalism - Practical	National	To introduce various theoretical perspectives that underlies the teaching of ESL/EFL for nurturing and developing hands on experience in the field of ELT
P21ELC309	English Language Teaching		To update domain knowledge and learn various formatting techniques depending on different reports and to learn new tools and technologies used to write a technical document.
P21ELC310	Research Methodology	Global	To make students know the format of research and mechanics of writing
P21ELC311	Literary Theory -I	Global	To make the students would read and understand unfamiliar articles on current research, theories and analyses theories and discipline- specific skills to teach, edit and other professional areas.
P21ELC312	New Literatures in English	Global	To introduce students to the emergent body of literature being produced by writers (and film-makers) from South Africa, sub-Saharan Africa. To appreciate English as a world language and English as a language of cultural imperialism.
P21EL3MBE3:1	Shakespearean Studies	Global	To identify, explicate, and respond to key themes and elements in Shakespearean drama, as presented in both written and spoken form
P21EL3MBE3:2	Partition Literature	Global	To provide an understanding of the partition of British India in 1947 from the perspectives of literature
P21EL3MBE3:3	Theory of Comparative Literature and Classics in Translation	Global	To help students to learn the scope, methodology and application of the theories in comparative literature and to introduce students to the thematology and genre studies
P21ELC413	Modern European Literature in English Translation	Global	To inculcate the cultural diversities found and highlighted in each of the literary masterpieces throughout Europe.
P21ELC414	Literary Theory -II	Global	To make the students to be familiar with basic theories, knowledge areas and analytical tools of the field through a number of contemporary and historical schools of literary world.
P21EL4MBE4:1	Women's Writing in English	Global	It aims to expose students to a substantial body of knowledge about the social construction of



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			gender in various cultural contexts from a variety of disciplinary perspectives.
P21EL4MBE4:2	Reading for Pleasure(Novels of Jane Austen)	Global	To help students to appreciate the characteristics of domestic novels in relation with feminine literary world. To explore the major themes of her writing situating her work in the context of the romantic period.
P21EL4MBE4:3	Autobiography	Global	To help the students learn about the process of writing; brainstorm ideas, write draft, revise, edit, finalize draft, and share work. To make the students write effectively and with detail about their personal history (family, friends, and neighborhood), growth, and goals over time.



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Department of Geography

Course Code	Title of the Course	Need Local/ National/Regional/Global	Description about the need addressed
U21GC101	Earth System Science	Global	Students learn about location of entire countries and to find the universal time.
U212ES	Environmental Studies	National	Students can understand the environment and all the factors, which influence life on earth.
U212AG2P	Allied Practical I – Tourism Data Analysis	Regional	Gives hands-on training to preparation of itinerary and brochures along with travel documents and formalities.
U21GC203	Climatology	Global	To identified the different climatic regions depends on their weather phenomena in the world.
U21GC305	Geomorphology	Global	Visualize and understand the diversified landscapes on earth's surface.
U21G3NME1:1	Disaster Studies	Global	To knowledge about the environment, climate change, challenges and to create awareness about environment protection in Disaster Studies.
U21G3NME1:2	Geography of India (with Special Reference to Tamil Nadu)	National & Regional	Analyse and understand the regional variations in their regions.
U21GC408P	Practical IV - Map Projection	Global	To analyse transferring the graticule of latitude and longitude on a plane surface. To meet the requirements of global needs.
U214GSE1	Basics of Computer Applications	National	Enable the students to learn the applications of such tools in various fields of computer applications.
U21G4NME2:2	Agricultural Geography	Global	To examine and evaluate the role of agricultural regions in the world.
U21GC509	Oceanography	Global	To identified the various submarine features in the major oceans.
U21GC511	Geography of Resources	Global	Students can interest focused on utilization, evaluation, conservation and management of resources in relation to environment in entire world.
U21G5MBE1:2	Geography of Sri Lanka	Global	Understanding the physical, cultural and socio economic life of island.
U18GCE09/ U21GC614	Geography of India	National	To learn about the location, physical, cultural, agriculture and resources in our country.
U21G6MBE2:1	Geography of Tamil Nadu	Regional	To identify about location, physical, cultural, agriculture and resources in Tamil Nadu.
P18GC101/ P21GC101	Applied Geomorphology	Global	It's is the science of land forms that helps us understand their origin, evolution, and distribution across the other physical landscape on the Earth's surface.



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Course Code	Title of the Course	Need Local/ National/Regional/Global	Description about the need addressed
P18GC102/ P21GC102	Climatology and Oceanography	Global	Climatology, it helps determine future climate expectations of the World. Oceanography, it regulates Earth's climate, plays a critical role in the horological cycle, sustains a large portion of Earth's biodiversity and mineral resources.
P18GC104P1	Practical - Terrain and Climatic Data Analysis	National	They can know and identify about the elevation of terrain using climatic data.
P21GC207	Geographical Thought	Global	Students will develop a solid understanding of the concepts of "space," "place" and "region" and their importance in explaining world affairs.
P18G2MBE2:1/ P21G2MBE2:1	Geography of India	National	The students can easily understand their country compare with other countries.
P18GC312P	Practical – Interpretation of topographical maps , Aerial photos and satellite images	National	To identifying the factors that explain the causal relationship among several features in various maps.
P21GC413	Regional Planning	National	Various aspects of development and regional disparity, in order to formulate measures of balanced developments.
P21G4MBE4:1	Transport Geography	National	It investigates the movement and connections between people, goods and information on the Earth's surface.
P18GC413	Social and Cultural Geography	Regional	Students understand the social and cultural disparities in the various regions.
P21G4MBE4:3	Climate Changes and its Impacts	Global	People can identified the extent of future climate change depends on what we do how to reduce greenhouse gas emissions.



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Department of History

Course code	Title of the Course	Need-Local/National/Regional/Global	Description about the Need Addressed
18HSC101/ U21HSC101	History of India upto 1206 A.D	National	To provide information on socio, political, economic and cultural History of India
18HSC102/ U21HSC203	History of Tamil Nadu upto 1565 A.D	Regional	To disseminate information regarding Tamil society under various dynasties
18HS1A1/ U21HS1A1	Modern Governments Theory and Practice –I / Modern Governments Theory and Practice	Global	To provide the general information regarding Constitution
18HSC203/ U21HSC202	History of India upto 1206 A.D to 1526 A.D	National	To provide information regarding the History of Delhi Sultanate
18HS2A2/ U21HS1A2	Modern Governments Theory and Practice II / Modern Governments -I	Global	To disseminate information regarding the Constitution of England, USA and Switzerland
18HS2A3/ U21HS2A3	Modern Governments Theory and Practice – III/Modern Governments-II	Global	To provide information about the Constitution of India, China and Japan
18HSC304/ U21HSC304	History of India from 1526 A.D to A.D 1757	National	To disseminate information regarding the Mughal dynasty and the European Trade companies
18HSC305/ U21HSC305	History of Tamilnadu from A.D 1565 to A.D 2000	Regional	To provide information about Tamil Nadu History in modern era
18HS3A4/ U21HS3A4	Public Administration – I	Global	To provide general principles of the Administration
18HS3NMEC1/ U21HS3NME 1:1	Introduction to Indian Constitution	National	To disseminate information regarding Indian Constitution
U21HS3NME 1:2	Women Development in Tamil Nadu (AD 1900-2000)	Regional	To provide basic ideas and programmes for Women development in Tamil Nadu
18HSC406/ U21HSC406	History of British Administration from A.D 1757 to A.D 1947	National	To provide information about the administrative reforms of the British in India
18HS4A5/ U21HS4A5	Public Administration – II	Global	To provide information on the



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U21HS4A5			basic principles of Management
18HS4A6/U21HS5MBE 1:2	Tourism and Travel Management	Global	To provide information on Tourist Sites of India and Tamil Nadu and role of travel agencies
18HS3NMEC1/U21HS4NME 2:1	Social Reformers of Modern India	National	To provide information about the role of Social reformers for the Social upliftment
U21HS4NME 2:2	History of Freedom Movement in Tamil Nadu	Regional	To disseminate information regarding the Contribution of the Tamil Nadu leaders to the Freedom struggle
SBCT	Coastal Tourism in Tamil Nadu	Regional	To provide details about the coastal tourist areas and its beauty
U214HSSE1	Tourist Guide – Theory	Global	To provide information about the role of Guide in the tourism industry.
18HSC507/U21HSC507	The Indian National Movement	National	To disseminate information about the contribution of the National leaders
18HSC508/U21HSC508	History of World Civilizations – Ancient Period (Excluding India)	Global	To provide information regarding various Civilizations in the World
18HSC509/U21HSC509	History of Europe from A.D 1453 to A.D 1789	Global	To provide information about Sea discoveries and glorious Monarchies.
18HSC510/U21HSC510	History of USA from A.D 1776 to A.D 1900	Global	To provide information regarding American War of Independence and its post Political developments.
18HS5EC3/U21HS5MBE 3:1	Human Rights	Global	Provide outline of theories of Human Rights and its importance.
18HS5EC3/U21HS4A6	Panchayat Raj with Special Reference to Tamil Nadu	Regional	Information about the importance of the local institutions in Tamil Nadu
18HS5EC3/U21HS5MBE 1:3	A Simple Study of Thanjavur	Local	To provide information about Thanjavur from ancient to modern times
U215HSSE2	Front Office Management –	National	To give information about the



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	Theory		importance of the Front office works.
18SBEG	Epigraphy	National	To provide various information regarding inscriptions
18SBIN	Introduction to Numismatics	National	To give various information regarding the Coins and its importance.
U215HSSE3	Epigraphy and Numismatics	National	To provide various information regarding inscriptions and Coins
18HSC611/ U21HSC611	History of England From A.D.1603 to A.D 1914	Global	Provide information about the Monarchical democracy and its developments in England
18HSC612/ U21HSC612	History of Europe from A.D 1789 to A.D 1945	Global	To disseminate information regarding the political scenario of Europe
18HSC613/ U21HSC613	Constitutional History of India from A.D 1773 to A.D 1950	National	Information about the constitutional developments
18HS6EC4/ U21HS6MBE 2:1	Journalism	Global	To provide information about the News and importance
18HS6EC4/ U21HS6MBE 2:2	History and Civil Service Examinations	National	To provide General information regarding Civil Services
18HS6EC4/ U21HS6MBE 2:3	Museology	National	To provide information on Musuem and its importance
18HS6EC5/U21 HS5MBE1:1	Archaeology/Introduction to Archaeology	National	To disseminate information regarding Archaeological Excavations and its methods
18HS6EC5/ U21HS5MBE 3:2	Indian Geography	National	Give an overview of the Geography of India
18HS6EC5/ U21HS5MBE 3:3	Women's Studies	Global	To disseminate information regarding discrimination of Women and their Problems
P18HSC101	Socio Economic History of India upto 1526 A.D	National	Provide information about Society and Economy of India from Ancient times



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P18HSC102	Socio Economic History of India upto 1526 A.D to A.D 1947	National	Provide the information about Mughal and British India
P18HSC103	Socio – Economic and Cultural History of Tamil Nadu from Sangam to 1800 A.D	Regional	To disseminate information regarding the glory of Tamil Nadu History from Sangam to Nayaks
P18HSC104	Intellectual History of India	National	Provide information about the contributions of the notable Intellectuals .
P18HS1EC1	Archaeology	Global	To disseminate information regarding Archaeological Excavations and its methods
P18HSC205/ P21HSC414	Contemporary History of India from A.D 1947 to A.D 2002/ Contemporary History of India from A.D 1947 to 2000 A.D	National	Provide information about India in the contemporary political scenario
P18HSC206	Socio Economic and Cultural History of Tamil Nadu from A.D 1800 to A.D 2000.	Regional	Understand the Tamil Nadu History in modern era
P18HSC207/ P21HS2MBE 2:3	India and her Neighbors	Global	Understand the relationship of India with Neighboring Countries
P18HSC208	History of South East Asia A.D 1900 A.D to 2000	Global	Provide information about the Political Changes and its impact of the South East Asian Countries.
P18HS2EC2	History of Indian Art	National	To disseminate information regarding the Evolution of Art in India since Ancient Period
P18HSC309/ P21HSC309	International Relations since 1919 AD	Global	To give information about the different ideologies of Various Countries
P18HSC310/ P21HSC310	Research Methodology in History	Global	To provide information about the general ideas on research in History
P18HSC311	Development of science and Technology in Independent India	National	To give information regarding the role of Science and Technology in various fields



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P18HSC312/ P21HSC312	Temple Art and Architecture of Tamil Nadu	Regional	Know the developmental features and legacies of Art and Architecture in Tamil Nadu under various dynasties
P18HS3EC3/ P21HS1MBE 1:1	Archives Keeping	Global	Provide the meaning and the importance of Archives keeping
P18HSC413	History of Far East from A.D.1911 to A.D.1970	Global	To give information about the History of China and Japan
P18HSC414/ P21HSC413	Historiography	Global	To disseminate information regarding Historians and their ideologies
P18HS4EC4	General Studies for Competitive Examinations	Global	Provide general information for competitive examinations.
P21HSC101	History of Ancient India upto 6th Century A.D	National	Provide information about pre and proto history
P21HSC102	History of Ancient India 600 B.C To 647 A.D	National	To disseminate information regarding Ancient dynasties
P21HSC103	Tamil Civilization And Culture upto 1336 A.D	Regional	To provide information about cultural contribution of civilizedtamil society from sangam to 1336
P21HSC104	Tamil Civilization And Culture From 1336 A.D To 1947 A.D	Regional	To give information regarding theTamil Culture and Society
P21HS1MBE 1:2	Environmental History	Global	Provide general information on Environmental issues
P21HS1MBE 1:3	Intellectual History of Tamil Nadu	Regional	Point out thecontribution of the intellectuals to the Tamil society
P21HS1SE1	Writing Skills in English	Global	To give basic information about English for research writing
P21HSC205	History of Medieval India upto A.D. 1526	National	To provide information regarding the political history of Delhi Sultanate.
P21HSC206	History of India 1526 A.D To 1707 A.D	National	To give information about Mughal dynasty rulers and their contributions
P21HSC207	Contemporary Tamilnadu Since 1947 A.D	Regional	To disseminateinformation regarding Tamil Nadu in the Contemporary era.



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Course code	Title of the Course	Need-Local/National/Regional/Global	Description about the Need Addressed
P21HSC208	History of China And Japan (A.D.1900 – 1990)	Global	To give information about the History of China and Japan
P21HS2MBE 2:1	Principles and Methods of Archaeology	Global	To give information about the basic principles of Archaeology
P21HS2MBE 2:2	History of Ideas	Global	Provide information about various ideologies of Historians
P21HS2ED	History for Competitive Examinations	Global	Contents provide information to attend the Competitive Examinations.
P21HS3MBE 3:1	History of Freedom Movement in India From 1885 A.D to 1947 A.D	National	To provide information about Indian National congress and Freedom Movement of India
P21HSC311	History of India From 1707 A.D to 1947 A.D	National	To give information about the British rule and the their administration in the Indian soil
P21HS3MBE 3:2	Tourism And Cultural Heritage of India	National	Provide information about the tourists places and its cultural importance
P21HS3MBE 3:3	History of Science and Technology	Global	Provide information regarding the development of Science and technology through the ages
P21HS3SS2	Short History For UGC NET/ SET Examination	Globa	To provide information regarding concepts and ideas in History for NET/SET examinations
P21HS4MBE 4:1	Indian Polity	National	To give information about the branches of Government and its functions
P21HS4MBE 4:2	Modern Political Thought	Global	Provide information about the political thoughts of the World Intellectuals
P21HS4MBE 4:3	Civil Services in India History And Scope	National	To give information regarding the importance of Civil services in India



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Department of Mathematics

Course Code	Title of Course	Need – Local/ National/ Regional/ Global	Description about the need addressed
17MC203/ U21MC305	Theory of Equations and Vector Calculus	Global	The idea of structural similarity.
17MC405/ U21MC306	Mathematical Statistics	Global	Understand the idea of data analysis.
U21MC102	Programming in C	Global	Structured programming.
U21MC204P	Programming inC – Lab	Global	Laboratory experience of web and structured programming.
U212AM3:CS	Discrete Mathematics	Global	Helps students to get basic ideas in mathematical logic.
U21MC512	Differential Equations	Global	Method of separation of variable is a higher level of solving method and it has applications in heat and wave equations.
U21M6MBE2:3	Number Theory	Global	Helps to students to get a proper foundation to mathematical logic. and basic number theory.
17MC507/ U21MC509	Abstract Algebra	Global	The idea of structural similarity.
17MC508/ U21MC510	Real Analysis	Global	To develop ideas of Basic Topology, Continuity, Differentiability, Riemann Integral.
U21MC615	Linear Algebra	Global	To study vector space and matrix theory.
17M5EC3/ U21M5MPE1:1	Operations Research	Local and National	To study vector space and matrix theory.
17M6EC5/ 21M6MBE3:2	Discrete Mathematics	Global	Helps students to get basic ideas in mathematical logic.
17MC611 / U21MC613	Complex Analysis	Global	To investigate function of complex numbers.



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Course Code	Title of Course	Need – Local/ National/ Regional/ Global	Description about the need addressed
17MC612 / U21MC614	Graph Theory	Global	To study application of Graph Theory in real life.
17M6EC4 / U21M6MBE2:1	Numerical Analysis	Global	Wildly using in Research and Engineering fields.
P21MC102	Real Analysis – I	Global	To develop ideas of basic topology, continuity, differentiability, Riemann integral.
P17MC205/P21MC 205	Algebra	Global	Address various algebraic structures.
P17MC102/P21MC 206	Real analysis – II	Global	To construct ideas of Measure Theory.
P21M2MBE2:2	Coding Theory	Global	To develop cyber security systems.
P21M2MBE2:3	Algebraic Number Theory	Global	To understand the idea of four square theorem and Kummer's theorem.
P17MC413 / P21MC413	Functional analysis	Global	To study the spaces of functions and the formulation of properties of transformations of functions.
P17MC208/P21MC 309	Partial Differential Equations	Global	Method of separation of variable is a higher level of solving method and it has applications in heat and wave equations.
P17MC309/P21MC 310	Measure Theory and Integration	Global	To study generalization of integration.
P17MC310/P21MC 311	Topology	Global	To study surfaces.
P17MC312/P21MC 414	Differential Geometry	Global	To study problems in Geometry using Calculus.
P17MC206/ P21MC207	Complex analysis	Global	Understanding of power series expansion.
P17MC207/P21MC 208	Theory of Numbers	Global	To investigate Prime numbers and primarily tests.



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Course Code	Title of Course	Need – Local/ National/ Regional/ Global	Description about the need addressed
P17MC103/P21MC104	Ordinary Differential Equations	Global	To solve differential equation and to find maxima and minima of functional.
P17MC101/ P21MC101	Linear Algebra	Global	To understand geometric concepts such as planes in higher dimensions and perform mathematical operations.
P17MC104/P21MC103	Graph Theory	Global	Application of graph theory in computer science.
P21M1MBE1:2	Applied Cryptography	Global	To develop cyber security systems.
P21M4MBE4:2	Optimization Techniques	Global	To solve problems in Operations research.
P21M1SE1P	Introduction to Latex (for scientific documentation)	Global	Exposure to technical writing.



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Department of Physics

Course Code	Title of Course	Need - Local/National Regional/ Global	Description about the need addressed
U21PHC101	Properties of Matter & Sound	Global	To understand the basic principle of different forms of matter its applications
U21PHC203	Mechanics & Relativity	Global	To understand the concepts of static and dynamic nature of physical systems and its ramifications.
U21PHC305	Thermal and Statistical Physics	Global	To acquire knowledge in heat transfer, entropy, production of low temperature, thermal radiation and statistical thermodynamics.
U21PHC407	Optics	Global	To study the behavior of light and its propagation in different media.
U21PHC509	Electricity And Magnetism	Global	To understand the general concepts of Electrostatics & magnetostatics and apply them in solving problems.
U21PHC510	Atomic Physics	Global	To study various atomic models in an attempt to study the fundamental properties of nature.
U21PHC511	Basic Electronics	Global	To study how the field of electronics has evolved and its applications.
U21PH5MBE1:1	Spectroscopy And Laser Physics	Global	To study rotational, vibrational, electronic and Raman spectra of molecules and to understand the basic principles of laser and its applications.
U21PHC613	Wave Mechanics & Nuclear Physics	Global	To understand the basic concepts of quantum mechanics and the structure of nucleus and its fundamental properties.
U21PHC614	Solid State Physics	Global	To study the basics of X-ray crystallography to determine the crystal structure, Understand the concepts of superconductivity and its applications.



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Course Code	Title of Course	Need-Local/ National/ Regional/ Global	Description about the need Addressed
U21PH6MBE3:1	Computer Programming- C Language	Global	Write down the source codes in C for solving mathematical problems.
U214PHSE2	Medical Physics	Global	To understand the concept of medical instrumentations and its diagnostics.
U21PH3NME1:1	Physics made easy	Regional	To impart the students a simple understanding of the basic concepts of physics.
U21PH4NME2:1	Simple Appliances	Regional	To provide basic ideas for inspection of electrical devices useful in day to day life.
U214PHSE1	Electrical Appliances	Regional	To learn fundamentals of electricity, explain the characteristics and hazards associated with power arcs and precautions that should be taken to avoid injury in work places.
U214PHSE3	Audio and Video Systems	Regional	To understand the nature of heat loses from a human body and pressure in skull, eye and urinary bladder.
U213APH1	Allied Physics I	Local	To understand the basic function of matter, sound, gravity of fibre optics
U213AAPH1	Applied Physics I	Local	To impart basic knowledge of electricity and magnetism as a prelude to the design of computers.
U214APH3	Allied Physics III	Local	To implement the concepts of electricity and magnetism in the laboratories.
U214AAPH3	Applied Physics III	Local	To understand the basics of digital electronics as a prelude to building a personal computer.
P21PHC103	Numerical Methods	Global	To give a flavour of how one can solve mathematically tractable problems numerically.
P21PH1MBE1:1	Analog Electronics, Microprocessor and Microcontroller	Global	Acquire knowledge of instruction sets and addressing modes of microprocessor 8085 and 8086.



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P21PH1MBE1:2	Advanced Microprocessor and its applications.	Global	The focus is on the architecture of advanced microprocessor and its real time applications.
P21PH1MBE1:3	Digital electronics and Basic of microprocessor	Global	To introduce the basics of digital electronics and its evolution as microprocessor and microcontrollers.
P21PHC205	Statistical Mechanics	Global	To give an insight into the basics of classical and quantum statistics.
P21PHC206	Quantum Mechanics	Global	To understand the fundamental concepts of quantum mechanics and its ramification in other branches of Physics.
P21PHC207	Programming in C++	Global	To learn the principles of object-oriented programming (OOP) and write codes for real time issues
P21PH2MBE2:1	Experimental Techniques & Instrumentation	Global	To expose the students towards different perspectives of instrumentation and how it can be handled for measurements
P21PH2MBE2:3	Advanced measurements and Instrumentation	Global	Course on Instrumentation and control intends to impart knowledge of measurement, data acquisition and control for experiments.
P21PH2ED	Reactor Physics	Global	To give a glimpse of nuclear reaction and nuclear power generation
P21PHC309	Atomic and Molecular Spectroscopy	Global	To educate students about the basic aspects of Infrared, Raman and Electronic spectroscopy.



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P21PH311	Nuclear and Particle Physics	Global	To give an exposure to the basic concepts of nuclear physics with a culmination of quarks
P21PH3MBE3:1	Communication Electronics	Global	To study the microwave propagations and its applications.
P21PHC413	Condensed Matter Physics	Global	Acquire knowledge of the behaviour of electrons in solids based on classical and quantum theories.
P21PH4MBE4:1	Crystal Growth, Thin film and Nano Science	Global	To give an exposure to the growth of crystals, thin film deposition and synthesis of nano particles.
P21PHC101	Classical Dynamics And Relativity	Global	To introduce different formulations of classical dynamics with linear and nonlinear forces.
P21PHC102	Mathematical Physics	Global	To develop expertise in mathematical techniques in an attempt to solve real time problems.
P21PH1SE1	Document Preparation System – Latex (Theory)	Global	To prepare a Latex document for preparing scientific articles and project reports.



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Department of Tamil

Course Code	Title of Course	Need-Local/National/Regional/Global	Description about the need addressed
17TLC101 / U21TLC101	இக்கால இலக்கியம்	National	சிறுகதை,கவிதைவாயிலாகவிழிப்புணர்வுபெறச் செய்தல்
17TL1A1 / U21TL1A1	இதழியல்	National	அச்சுக்கலைவரலாறு. தகவல் தொடர்பியல் பண்பு
17TLC102/ U21TLC102	சிற்றிலக்கியம்	Regional	இயற்கைச் சூழல்,பக்திஉணர்வுபெறச் செய்தல்
17TLC203/ U21TLC203	யாப்பும் அணியும்	Regional	தமிழ் இலக்கணம், இசைஅணிமரபுஉணர்தல்
17TL2A2/ U21TL2A2	தமிழ் இலக்கியவரலாறு	Regional	தமிழ் மக்களின் வாழ்க்கைநடைமுறைஉணர்தல்
17TL2A3	இணையமும்,தமிழும்	Global	உலகளாவியபொதுஅறிவுபெறல்
17TLC304/ U21TLC304	நன்னூல் - எழுத்து	Regional	தமிழ் மொழி இலக்கணஅறிவுபெறுதல்
17TLC305/ U21TLC305	பக்தி இலக்கியம்	Regional	மனத்தூய்மை,மதஒற்றுமைபெறுதல்
17TL3A4/ U21TL4A6	நாட்டுப்புறவியல்	Global / Regional	நாட்டுப்புறக் கலைநடனம் பயிற்சிபெறல்
17TL3NMEC3:1/ U21TL3NME1:2	சிந்தனையியல்	Regional	காந்தி. அம்பேத்காரின் சமூகசிந்தனைகள் மூலம் சமமதிப்புசமூகம் உருவாக்கல்
17TL3NMEC3:2/ U21TL4NME2:1	பன்முகத்தமிழ்	Regional	காலந்தோறும் உள்ள இலக்கியவகைகளைஅறிதல்
17TLC406/ U21TLC406	நன்னூல் - சொல்லதிகாரம்	Regional	இலக்கணஅறிவைப் பெறுதல்
17TL4A5/ U21TL4A5	கவின்கலைகள்	Local	நாடகம், இசைப் பற்றியபலகலைகளின் அறிவூட்டல்
17TL4A6/ U21TL3A4	தமிழகவரலாறும் பண்பாடும்	Regional	தமிழ் மக்களின் பழமைபண்பாடுஉணர்தல்
17TL4NMEC4:1 U21TL3NME1:1	தமிழ்ப்பண்பாடு	National& Regional	தமிழரின் பண்பாடுகலாச்சாரம் உணரல்
17TL4NMEC4:2	தற்கால இலக்கியத்திறன்	Regional	சமூகசீர்திருத்தச் சிந்தனைகள் அறிதல்



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17TLC507 / U21TLC507	நம்பியகப்பொருள்	Regional	மக்களின் உள்ளார்ந்தமனநிகழ்வைஎடுத்துக்காட்டல்
17TLC508/ U21TLC508	காப்பியங்கள்	Regional	இதிகாசமாண்புஉணர்தல்
17TLC509	தமிழ்மொழிவரலாறு	National	திராவிடப் பண்பாடு,பேச்சுமொழி,தமிழ் இலக்கியமாற்றம்,தமிழ் உச்சரிப்புமுறைஉணர்தல்
17TLC510/ U21TLC510/	இலக்கியத் திறனாய்வும், இயக்கங்களும்	National	திறனாய்வு,திறனாய்வுமுறை,படைப்பாக்கத்திறன் அறியச்செய்தல்
17TL5MBE3:1 /U21TL5MBE1:1	சுற்றுலாவியல்	Global	பலஊர்களின் முக்கியத்துவம்,சிறப்புஉணர்தல் தொடர்பாக
17TL5MBE3:2	அறக்கருத்தியல்	Regional	அடிப்படைத் தேவையானஉணவு - புதுமை வாழ்வுபெறுதல் தொடர்பாகசிந்தனைகள்
17TLC611/ U21TLC611	புறப்பொருள் வெண்பாமாலை	Regional	பழங்காலபோர்முறைகள் அறிதல்
17TLC612/ U21TLC612	அறஇலக்கியம்	Regional	நல்வாழ்வு,நல்நெறிகளைக் கற்பித்தல்
17TLC613/ U21TLC613	சங்க இலக்கியம்	Regional	பழங்காலவாழ்வியல் நிகழ்வுகளை இலக்கியங்கள் வாயிலாகஉணர்ச் செய்தல்
17TL6MBE4:1/ U21TL6MBE3:1	சித்தர் இலக்கியம்	Regional	நிலையற்றவாழ்வு - பொருள் கூறி,முக்திபெறவழிகாட்டல்
17TL6MBE4:2	தற்காலமலையாள இலக்கியம்	Regional	வேற்றுமொழி - சிந்தனை - கற்றல் தூண்டல்
17TL6MBE5:1/ U21TL6MBE2:1	திரைக்கலையியல்	National	திரைத்துறையில் வேலைவாய்ப்புபெறகலைத்திறன் பெறவலியுறுத்தல்
17TL6MBE5:2	மனிதஉரிமைகள்	National	அடிப்படைமனிதஉரிமைச்சட்டம் கடமைஅறிதல்
UVE	யோகா	Global	உடல்,மனநலன் காத்தல் அறிவுறுத்தல்
UGCES	சுற்றுச்சூழல் கல்வி	Global	சுற்றுச்சூழல் குறித்தவிழிப்புணர்வைபெறுதல்
SBPT	பயன்முறைத்தமிழ்	Regional	தமிழில் பிழையின்றிஎழுதவதற்கானறிந்துதற் குறியீடுகளைஅறிதல்
SBPTT/ U215TLSE2	பணித்தேர்வுத்தமிழ்	National	வேலைவாய்ப்புபெறயிற்சிபெறும் பயிற்சிமாணவர்களுக்கானபயிற்சிவினாக்கள்
SBPK/ U215TLSE3	பேச்சுக்கலையியல்	National	தேர்ந்தபேச்சாளர்களைஉருவாக்கல்
GS / U216GS	பாலினக் கல்வி	National	சமூகமதிப்பு - பாலினவேறுபாடுகளைதல் -



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			பரந்த உள்ளம் - மாற்றம்
U211VE	விழுமியக் கல்வி	National	சிந்தனைத் தூண்டல் - சமூககட்டமைப்பு,மதிப்புஉணர்வு
U21TL2A3	கணினித்தமிழ்	Global	இமெயில்,வலைப்பூ உருவாக்கம்,மின்நூலகம் செய்திகள் அறிதல்
U214TLSE1	நாடகவியல்	National	நாடகத்திறன் - நடிப்பு - படைப்புஉருவாக்கம்
U21TL6MBE2:2	கோயில் மேலாண்மை	Local	கோயில் நிர்வாகம் - தஞ்சைக் கோயில் - மடங்கள் - ஆகமங்கள் அறியச்செய்தல்
U21TL6MBE3:2	இலக்கணவரலாறு	Regional	இலக்கணம் - மாற்றம் - வாழ்வுஅறியச் செய்தல்
P18TAC101	நவீன இலக்கியம்,	National	பலபடைப்பாளர்களின் திறன்,உட்போக்குஉணர்வு செய்தல்
P18TAC102 / P21TAC102	பக்தி இலக்கியம்	Regional	மனத்தாய்மை,மதஒற்றுமைபெறுதல்
P18TAC103/ P21TAC103	தொல்காப்பியம்,எழுத்ததி காரம் (இளம்பூரணர் உரை)	Regional	செவ்வியல் கால இலக்கணஅறிவுஉணர்வு செய்தல்
P18TAC104/ P21TAC104	மொழியியல்	National	மொழியின் உச்சரிப்பு. உருபன்,அகராதி வளம் பற்றியஅறிவுபெறச்செய்தல்
P18TA1MBE1:1/ P21TA1MBE1:1	பண்பாட்டுமான்டவியல்	National	காலந்தோறும் மக்களின் பண்பாட்டுமாற்றத்தைஅறியச்செய்தல்
P18TA1MBE1:2	தற்காலஉரைநடை இலக்கியம்	Global	தற்காலஉரைத்திறன் அறிதல்
P18TAC205/ P21TAC205	சிற்றிலக்கியம்	Regional	இயற்கைச் சூழல்,பக்திஉணர்வுபெறச் செய்தல்
P18TAC206/ P21TAC206	காப்பியங்கள்	Regional	இதிகதாசமாண்புஉணர்வு
P18TAC207/ P21TAC207	தொல்காப்பியம்,சொல்லதி காரம்,சேனாவரையர் உரை	Regional	செவ்வியல் கால இலக்கணஅறிவைப் பெறுதல்
P18TAC208	ஓப்பிலக்கியம்	Global	உலகளாவிய இலக்கியங்களோடுதமிழ் இலக்கணத்தைஒப்பிடுதல்
P18TA2MBE2:2	பழந்தமிழ் இலக்கியம் (புறம்)	Regional	பழங்காலபோர் முறை - அரசுஆட்சித்திறன் உணர்வு
P18TAC309/ P21TAC309	அறஇலக்கியம்	National	ஒழுக்கம்,வாழ்வியல் மாண்புஅறியவைத்தல்



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P18TAC310/ P21TAC310	சங்க இலக்கியம்	Regional	பழங்காலவாழ்வியல் நிகழ்வுகளை இலக்கியங்கள் வாயிலாக உணர்ச்சி செய்தல்
P18TAC311/ P21TAC311	தொல்காப்பியம், பொருளதி காரம் (முதல் ஐந்து இயல்கள்)	Regional	பழந்தமிழ் மக்களின் அகவாழ்வுக்குரிய இலக்கண அறிவைப் பெறுதல்
P18TAC312 / P21TAC312	ஆராய்ச்சி நெறிமுறைகள்	Global	ஆய்வு - கூறுகள் - பொதுமை நெறி உணர்ச்சி செய்தல்
P18TAC13/ P21TAC413	தொல்காப்பியம், பொருளதி காரம் (பின் நான்கு இயல்கள்)	Regional	செய்யுள் முறைமைகளை உணர்த்தல் உயிரிகளைப் பற்றிய சிந்தனைகளை வலியுறுத்தல்
P18TAC14	மொழிபெயர்ப்பியல்	Global	மொழிபெயர்ப்பு முறைகள் - உலகமொழிபெயர்ப்புகள் - அறிமுகம் செய்தல்
P18TA3MBE3:2	உரையாசிரியர்கள்	Local	உரைகள் வாயிலாக பல்வேறு காலவாழ்வியல் அறிதல்
P18TAMBE4:1/ P21TA3MBE3:1	சோழநாட்டியல்	Local	சோழகால இலக்கியம், நிர்வாகம் உணரவைத்தல்
P18TAMBE4:2	வடமொழி இலக்கியவரலாறு	Regional	வடமொழி இலக்கியத்தின் சிறப்புக் கூறுகளை அறிதல்
P21TA1SE1	நிகழ்த்துக்கலை	Global	தமிழ் இலக்கியம், வரலாறு, கலைகள், வட்டாரப் பண்பாடு உணரவைத்தல்
P21TA1MBE1:2	இந்திய இலக்கியப் பொதுக்கூறுகள்	National	செவ்வியல் கால இலக்கியங்களில் வாழ்வியல் கூறுகள் அறிதல்
P21TA2ED	மதிப்புக்கல்வி	Global	வாழ்வின் நிலையாமை உணர்ச்சி செய்து நிலைத்த வாழ்வு பெறச் சூண்டுதல்
P21TA2SE2	படைப்பாக்கத்திறன்	National	புதிய நடைமுறையில் படைப்பாக்கத்திறனை உருவாக்கவைத்தல்
P21TA2MBE2:1	ஊடகவியல்	Global / National	தகவல் தொடர்புச் சாதனங்கள் மூலம் நடப்பியல் அறிவு பெறச் செய்தல்
P21TA2MBE2:2	பழந்தமிழ் இலக்கியம் - அகம்	Regional	ஆண், பெண் மன - உளவாழ்வு - குடும்பவாழ்வு - மதிப்பு உணர்த்தல்
P21TA3MBE3:2	இலக்கியக்கொள்கைகள்	National	இலக்கியங்களின் கட்டமைப்பு பொருள் குறித்த கொள்கைகளை அறிதல்
P21TA4MBE4:1	பெண்ணியம்	Global	பெண்ணிய கட்டமைப்பு, மேற்கிந்திய பெண்ணியம்



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P21TA4MBE4:2	இந்தியமெய்பொருளியல்	National	இந்தியத்தத்துவம் - நெறிமுறைகள் ஞானம் பற்றியசெய்திகள் அறிதல்
P21TA4MBE4:1	பெண்ணியம்	Global	பெண்ணியகட்டமைப்பு,மேற்கிந்தியபெண்ணியகாள்கைகள் அறிதல்



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Course Code	Title of Course	Need - Local/National Regional/Global	Description about the need addressed
U21Z6MBE3:3	Economic Entomology	Global	Provides knowledge about the economic importance of insects and their control strategies in pest management.
U21Z3NME1:1	Vermiculture	Local	Thanjavur district is the granary of India. Hence by production of nutrient-rich compost, soil fertility can be improved thus leading to sustainable agriculture. Also, it can be easily adopted by local communities to manage waste and support the local ecosystem.
U21Z4NME2:1	Apiculture	Local	Since bees play a crucial role in pollination, which directly increases crop production, biodiversity, and the yields of fruits and vegetables, learning apiculture enhances the quality of life of local people by means of increased income generation.
U214ZOSE1	Vermitechnology	Local	Gives practical experience and an eco-friendly approach to waste management and enhances organic agriculture.
U21Z5MBE1:2	Agricultural Pest management	Local	Gives knowledge for pest management and protection of crops
U215ZOSE2	Aquarium Fish Keeping	Local	Fish culture being a routine practice in local people for income generation is added with ornamental fish culture.
U21Z6MBE2:3	Value addition of Fish products and processing	Local	Provides more information about the profitable utilization information about value fish catches available in the local market. Women self-help groups are the potential users of the value-added fish product technologies.
P18ZC102	Cell & Molecular	Global	Provides knowledge for making new



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	Biology		discoveries and has a strong emphasis on laboratory skills and experiences giving knowledge about how cell physiology can be explored for defence against cancer and other diseases.
P18ZC311	Microbiology	Global	Provides knowledge to innovate new methods to combat diseases and production of novel antibiotics microbes and their utilization for developing novel antibiotics. Understanding microbiology helps us to combat infectious diseases, develop antibiotics, improve food safety, and address environmental issues.
P21Z2MBE2:2	Computer application in biology	Global	Provides contribution to experimental and theoretical aspects of scientific research and gives required support of interdisciplinary efforts in research fields. By accelerating research and enabling precision medicine computer application in biology have a profound impact on global health care, agriculture and environmental conservation efforts.
P21ZC310	Biotechnology and Bioinformatics	Global	Imparts knowledge and idea about the latest technology which can be applied in many fields of agriculture, medicine, and biological research globally, etc. Bioinformatics is the need of the era internationally in designing drugs.
P21Z4MBE4:1	Biodiversity and Conservation	Global	Imparts knowledge for conserving wildlife and biodiversity across the world.
P18Z1EC1	Aquaculture	Global	Gives knowledge about the production of locally available fish and marine fish from nearby hatcheries.



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GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)

KUMBAKONAM – 612 001

Affiliated to Bharathidasan University

DST - CURIE Sponsored Institution

IV Cycle of Accreditation



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Course Code	Title of Course	Need - Local/National Regional/Global	Description about the need addressed
P21Z1MBE1:1	Fisheries and Aquaculture	Global	Local impact knowledge on fish culture techniques for fresh water and ecosystem
P21Z2MBE2:1	Entomology	Global	Being a land of agrarian people, knowledge of pest control and management has a significant role.
P21Z2MBE2:3	Fish processing technology	Global	Imparts skills in fish processing, preservation, and packaging technologies at household scale or small-scale level for managing the fish stock that is available in the market in excess.
P21Z2SE2	Taxonomy of Fishes	Local	Provides knowledge about the study of classification, principles, procedures, and rules of classifying fishes, and it reveals various interesting evolution phenomena. Being a land surrounded by aquatic ecosystem like ponds, rivers and ocean, the ability to identify the taxonomic position of a fish is very important.



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