



Local / Regional / National / Global Relevance

Department of Tamil

Programme: B.A., Tamil

YEAR : 2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18TAMU101	Part -1Tamil -Paper -1				✓	Personality development
18TAMU202	Part -1 Tamil- Paper -2				✓	Spiritual thinking
17TAMU303	Part -1 Tamil - Paper-3				✓	Cognition of culture
17TAMU404	Part-1Tamil -Paper-4				✓	understanding culture and civilizatio
14TMLU301	Basic Tamil		✓			Basic of Tamil Literature
14TMLU402	Basic Tamil		✓			Basic of Tamil Literature
14ADTU301	Advanced Tamil		✓			various structure of Tamil Literature
14ADTU402	Advanced Tamil		✓			various structure of Tamil Literature
17TLUC101	Ikkala Ilakkiyam-1				✓	Life style of tamil Literature
17TLUC102	Ikkala Ilakkiyam-II				✓	Recognition of literary forms
17TLUA101	Tamil ilakkiya Varalaru-I				✓	Knowledge of the antiquity of Tamil
17TLUC203	Ara ilakkiyamum samaya ilakkiyamum				✓	spiritual thinking
17TLUC204	Nanool-Ezuthu				✓	Knowledge of written grammar
17TLUA202	Tamil ilakkiya Varalaru-II				✓	Knowledge of the antiquity of Tamil
17TLUC305	Nanool-Sol				✓	Knowledge of word grammar
17TLUC306	Sitrilakkiyam				✓	different kinds of literature
17TLUA303	Tamizhaka Varalarum Panpadum-I				✓	Knowing the historical event of Tamil Nadu
17TLUC407	Yaparungalakarikai, thandiyalan garam				✓	knowing the method of grammer
17TLUC408	Kappiyangal				✓	Life style of tamil Culture
17TLUA404	Tamizhaka Varalarum Panpadum-II				✓	Knowing the historical event of Tamil Nadu
17TLUC509	Sanga Ilakkiyam-Ettuthokai				✓	culture and tration of sangam literature
17TLUC510	Porulilakkanam				✓	External and internal life style
17TLUC511	Ilakkiya Thiranaiviyal				✓	Knowledge of performance principles
17TLUC512	Nattapuraviyal				✓	Folklore of tamilians
17TLUC613	Sanga Ilakkiyam-Pathuppaattu				✓	culture and tration of sangam literature

17TLUC614	Mozhinoor-Tamilmozhi Varalaru				✓	Recognition of the form of language
17TLUC615	Mozhipeyarpial				✓	The importance of translation
17TLUC616	Ayvedu				✓	Expression of research potential

YEAR : 2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15TAMU101	Part -1 Tamil - Paper-1				✓	Personality development
15TAMU202	Part -1 Tamil- Paper -2				✓	Spiritual thinking
14TAMU303	Part -1 Tamil - Paper-3				✓	Cognition of culture
14TAMU404	Part-1Tamil -Paper-4				✓	understanding culture and civilizatio
14TMLU301	Basic Tamil		✓			Basic of Tamil Literature
14TMLU402	Basic Tamil		✓			Basic of Tamil Literature
14ADTU301	Advanced Tamil		✓			various structure of Tamil Literature
14ADTU402	Advanced Tamil		✓			various structure of Tamil Literature

Department of English

Programme: B.A., English

YEAR : 2019 - 2020

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18LTUC303	History of English Literature				✓	To apprehend the under currents of literary writings and Creative art in terms of literary movements and the ages
18LTUC306	Post Colonial Literature				✓	To familiarize with historical and cultural anxieties of the writers in independent nations.
18LTUC404	History and Development of Literary Criticism				✓	To enrich with synchronic study of literary criticism like interpretation, elucidation, judgement and appreciation of the various literary works.
18LTUC407	Indian Writing in English			✓		To recollect the background of Indian Literature, social background and lifestyle of an age.

YEAR : 2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18LTUC101	Poetry				✓	To ameliorate creative, imaginative and stylistic expressions to create a flair for composing poems.
18LTUC102	Grammar and Usage				✓	To master 'accuracy' in discourse and to enhance linguistic competencies.

18LTUA202	Literary Forms				✓	To comprehend the form and structure of literary genre and acquire the application skill for analysis.
18LTUC203	Prose				✓	To facilitate students to think and relate the textual manner of prose writing in English Literature in style and content.
18LTUC204	Drama				✓	To educate the students to unveil the histrionic skills.

YEAR : 2016 - 2017

Course Code	Title of the Course	Need				Rationale
		Local	National	Regional	Global	
16LTUC512	Corporate English				✓	To promote effective and skillful language and to become competent communicators.
16LTUC614	Indian Classics		✓			To give a value education by imparting the Indian value systems and their culture.

Programme: M.A., English

YEAR : 2019 - 2020

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18LTPC312	Translation: Theory and Practice				✓	To interpret creativity and to authenticity in translations.
18LTPC415	New Literatures				✓	To understand the emergent body of literature produced by writers from various countries.
18LTPC417	Children's Literature				✓	To make students understand how writing for children redirects the way in which genres, texts and techniques interact creatively with childhood and youth culture.

YEAR : 2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18LTPC103	English Language Teaching and Integrated Communicative Teaching				✓	To inculcate the students to the major trends in twentieth century language teaching and current communicative approaches.
18LTPC104	Phonetics and Transcription				✓	To demonstrate a thorough understanding of speech articulation with the elements of English phonology and phonetics.
18LTPC207	Women's Literature				✓	To sensitize learners to gender issues for building an egalitarian society.
18LTPC210	Creative writing: Theory and Practice				✓	To induce in the student's mind to explore and share the experiences in the form of writing and narration.

YEAR : 2016 - 2017

Course Code	Title of the Course	Need				Rationale
		Local	National	Regional	Global	
16LTPC102	Indian Literature		✓			To introduce the students to Indian specific-elements and to relate, compare and contrast different literature.
16LTPC103	Presentation Skills				✓	To transmit the students to the basics of e-writing.

Department of History

Programme: B.A., History

YEAR : 2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18HIUC101	History of India upto 647 A.D.			✓		On successful completion of the course, the students should have understood the political, social, economic and cultural heritage of ancient India.
18HIUC102	History of India from A.D. 647- A.D. 1526			✓		On successful completion of the course, the students should have understood the condition of India under Delhi Sultanate.
18HIUC203	History of India from A.D.1526 - A.D.1707			✓		On successful completion of the course, the students should have understood the establishment of Mughal Empire in India.
18HIUC204	History of India from A.D. 1707to A.D.1857			✓		Attempts to understand the settlements of European powers in India, especially the consolidation of English.
18HIUA301	Principles of Government			✓		On successful completion of the course, the students to enrich their knowledge relating to the basic principles of the government.
18HIUC616	India and Her Neighbours				✓	The students should acquaint knowledge about the relationship of India with her Neighbouring Countries
18VEDU2HR	Foundation Course B : Value Education and Human Rights				✓	This course creates a strong learning environment that inculcates moral and ethical values and to create awareness about the significance of human rights as an academic discipline and its utility in enhancing the quality of human lives.

YEAR :2016-2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16HIUN301	Non – Major Elective Paper -I - History for Competitive Examinations			✓		On successful completion of the course, the students will appear the competitive examinations with confidence.
16HIUC510	History of USA Upto A.D.1865				✓	On successful completion of the course, the students should have understood the rise of U.S.A and its history upto A.D.1865
16HIUC511	History of China from A.D.1800 – A.D.2000.				✓	On successful completion of the course, the students should have understood the significant events in the country of China.
16HIUC512	History of Japan from A.D.1800 – A.D. 2000				✓	On successful completion of the course, the students should have understood the main events in the history of Japan.

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15HIUC306	History of TamilNadu upto A.D.1336		✓			On successful completion of the course, the students should have understood the political, social, economic and cultural history of ancient Tamilnadu
15HIUS301	Elements of Journalism	✓				On successful completion of the course, the students should have understood the knowledge regarding the theory and practice of Journalism.
15HIUN301	History for Competitive Examinations			✓		On successful completion of the course, the students will appear the competitive examinations with confidence.
15HIUC408	History of TamilNadu from A.D. 1336-A.D. 1947		✓			On successful completion of the course, the students should have understood the political and social changes in Tamil country
15HIUC513	Indian Tourist Panorama			✓		On successful completion of the course, the students should have understood the different factors that promotes the Indian Tourism.
15HIUS503	Mass Media and Communication			✓		This paper helps the students to expand their knowledge in the field of mass media and the contemporary trends in communication theory and research.
15HIUC616	International Relations from A.D 1919 TO A.D.1990				✓	On the completion of the course, the students should have understood the relations between the nations, diplomacy and the contributions of various Organisations in the promotion of International peace

Programme: M.A., History

YEAR : 2019 - 2020

Course Code	Title of the Course	Need				Rationale
		Local	National	Regional	Global	
19HIPN101	Non Major Elective Paper - Hospitality Management in Tourism				✓	On successful completion of the course the students should have understood the accommodation management in Tourism Industry.

YEAR : 2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18HIPC101	History of Ancient India upto A.D.1206			✓		To discuss the basic features of Indian culture and to learn the socio-economic and political development
18HIPC102	History of Medieval India from A.D.1206 to A.D.1707			✓		To learn the development of Indian culture and to understand the socio-economic and political development
18HIPC103	Constitutional History of India from A.D. 1773 –A.D. 1950			✓		This paper reveals the various stages in the formation of the Indian Constitution.
18HIPC104	History of Indian National Movement Since A.D.1885			✓		To understand the origin and development of Indian Nationalism. To inculcate the knowledge about the values cherished in the freedom movement and to realize the role played by the freedom fighters against the alien rule.
18HIPC205	Social and Cultural History of TamilNadu upto A.D. 1800		✓			On successful completion of the course the students should have understood the social and cultural aspects of Tamilnadu from early period to colonialism
18HIPC206	Social and Cultural History of Tamil Nadu from A.D. 1800 to A.D.2000		✓			This paper helps the students to get in-depth knowledge about the Socio-cultural History of TamilNadu which helps to shape the future society.
18HIPC 207	History of Kongu Nadu		✓			This paper highlights the importance of Regional History of Kongu Nadu
18HIPC 208	Intellectual History of Tamil Nadu 19 th & 20 th Centuries		✓			On successful completion of the course the students should have understood the contributions of eminent personalities and poets to the intellectual progress of TamilNadu
18HIPE201	Elective - Women's Studies			✓		This paper helps to know about the status of women through the ages of the Indian society and the rights, policies and programmes emphasized for women.
18HIPC309	History of Civilizations				✓	This course presents a compact understanding of human race's struggle for civilization in the early times.
18LTPS303/ 18HIPS302	Interdisciplinary Course - History through Literature				✓	To create varied interests among students of History and English streams through portraying relationship between History, Life and Literature.

18HIPC413	Museology				✓	The students would come to know about the setting up of the museums. Since the Department of History has set up a museum, this study will provide them a practical knowledge about museums. This study will develop skills on 'preservation, conservation and use of multimedia in museums which will provide them career opportunities in museums.
18HIPC414	International Relations from A.D 1919 TO A.D.1990				✓	On the completion of the course, the students should have understood the relations between the nations, diplomacy and the contributions of various Organisations in the promotion of International peace
18HIPE403	Archives Keeping				✓	On successful completion of the course, the students should have understood the preservation methods and uses of Archives

YEAR : 2016 - 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16HIPC206	Social and Cultural History of Tamil Nadu from AD 1800- AD 2000		✓			On successful completion of the course the students should have understood the social, economic and cultural condition of Tamil Nadu during the period of Pre- Independence and Post-Independence.

YEAR : 2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15HIPC205	Social and Cultural History of TamilNadu Upto A.D. 1800		✓			On successful completion of the course the students should have understood the social and cultural aspects of Tamilnadu from early period to colonialism.
15HIPC 206	Social and Cultural History of Tamilnadu from AD 1800- AD 2000		✓			On successful completion of the course the students should have understood the social, economic and cultural condition of Tamilnadu during the period of Pre- Independence and Post-Independence.
15HIPC309	History of Ancient Civilizations Upto A.D.476 (Excluding India)				✓	This paper enable the students to acquire knowledge in social, economic and cultural conditions of the people and the development of civilizations in the ancient world.

Department of Mathematics

Programme: B.Sc., Mathematics

YEAR : 2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18MSUC305	Analytical geometry	✓				Gain knowledge of geometry and equations of geometrical figures in both cartesian and polar forms and in the concepts of quadratic cones.
18MSUC306	Foundation course in mathematics	✓				Understand the concepts of sets, functions, relation and basic principals with due clarits.
18MSUA303	Mathematics for physics -I		✓			Acquire the knowledge in laplace transform ordinary differential equation and applying laplace transform to solve ordinary differential equation.
18MSUC307	Linear algebra			✓		Empharsise the concept of vector spaces, relationship between linear transformations and matrices and the concept of inner product space and norms.
18MSUC308	Real Analysis - I				✓	To learn the concept of real number system, Euclidean space and limits.
18MSUN301	Mathematics for data science			✓		Gain knowledge in the concepts of matrix, data analysis, probability, data interperatation and set theory.

YEAR : 2017 - 2018

Course Code	Title of the Course	Need				Rationale
		Local	National	Regional	Global	
18MSUC101/ 18MCUC101	Classical algebra		✓			Understand the concepts of summation and approximation through binomial,exponential and logarithmic series and theory of numbers.
18MSUC102/ 18MSUC102	Calculus				✓	Explore the fundamental concepts of differential and integral calculus and the solutions of the scientific problems.
18MSUA101/ 18MCUC101	Statistics for mathematics - I				✓	To develop the fundamental knowledge in statistics about random variables, distribution of the discrete and continuous types, bivariate distributions and functions of random variables.
18MSUC203 / 18MCUC203	Differnetial equations and laplace transforms				✓	Understand the evaluation of different functions through laplace transformation and enrich the problem solving skills of ordinary differential equations and partial differential equation.
18MSUC204/1 8MSUC204	Trigonometry, vector calculus & fourier series	✓				To get conceptional understanding of sine and cosine functions and fourier series.
18MSUA202/ 18MCUA202	Statistics for mathematics II				✓	To learn and apply the concept of theory of estimation and testing of statistical hypothesis in research problems.

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
17MSUAP01	Allied Pratical - Mathematical Software - I			✓		Able to create a data base, present the data, determine the standard deviation, variance and checking the consistency of the given data.
17MSUCP01	Core Pratical - Mathematical software - II				✓	Equip the knowledge of definite integrals with given algebraic functions by direct integration and numerical integration.
16MSUA303	Allied Mathematics Paper - I (B.Sc physics & Chemistry)			✓		Acquire knowledge to solve ordinary differential equations and partial differential equations, Laplace transformations and inverse laplace transformation.
16MSUAP01	Allied Pratical - I SAGE Math			✓		In calculate the mathematical concepts through Free math open software SAGE math in solving differential equations, laplace transform and integration.
16MSUA404	Allied Mathematics Paper - II				✓	Understand double and triple integrals, radius of curvature, integration using beta and gamma functions.
16MSUAP02	Allied Pratical - II Octave		✓			Able to solve the mathematical problems and plot graphs through free math open software octave.

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16MSUAP01	Allied Pratical - Mathematical Software - I		✓			Learn to apply the statistical concepts like mean, median, geometrical mean and harmonic mean of numerical data throug statistical software R.
16MSUCP01	Core Pratical - Mathematical software - II			✓		To equip the knowledge of solving Ordinary Differential Equations of first and second order by direct method and iterative method by using the mathematical software.
16MSUEP01	Elective practical - Mathematical Software -III				✓	Understand the concepts of differentiability, continuity, analyticity of a function and solving different types of equations using freely downloadable mathematical software.

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18MSPC310	Measure Theory and Integration		✓			Acquire knowledge in the concept of measurable sets, measurable functions and the integration of functions on the real line
18MSPSP02	Programming in LaTeX - Practical				✓	Able to prepare coding for an article, project, book & plotting graphs using mathematical text in an enhanced manner
18MSPS303	Problem Solving in Algebra and Real Analysis			✓		Inculcate the fundamental properties of algebra & analysis in problem solving

Course Code	Title of the Course	Need				Rationale
		Local	National	Regional	Global	
18MSPCP01	Programming in Python				✓	Enable to formulate the program for solving differential equations & plotting graphs for statistical data
18MSPC101	Linear Algebra		✓			Explore the concepts of algebra of linear transformations, polynomials and bilinear forms

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15MSPC413	Functional Analysis	✓				Understand the concepts of methods of elementary analysis and related branches of algebra & geometry
15MSPCP01	Practical - Matlab & SPSS				✓	Able to solve differential Equations, integration and creating & analyzing the data base using mathematical software
15MSPC312	Topology			✓		Gain the knowledge in topological spaces, continuous function, countability & separation axioms and complete metric spaces

Department of Mathematics with Computer Applications

Programme: B.Sc., Maths with Computer Applications

YEAR : 2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
19MCUA101	Statistics for Mathematics - I			✓		To acquire knowledge in the fundamentals of statistics
19MCUAP01	Practical- Mathematical Software- I			✓		To apply the statistical knowledge acquired through theory.
19MCUCP01	Practical- Mathematical Software- II			✓		Equip the knowledge of definite integrals with given algebraic functions by direct integration and numerical integration.
19MCUA202	Statistics for Mathematics - II				✓	To enhance the statistical knowledge by applying the techniques.

YEAR : 2015-2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16MCUA101	Mathematical Statistics-I			✓		To apply statistical tools in real life problems & research
16MCUC204	Trigonometry and Vector Analysis	✓				Focus on conceptual understanding and impart the applications of sine and cosine functions in signals using fourier series.
16MCUA202	Mathematical Statistics-II				✓	Learn and apply the concept of theory of estimation and testing of statistical hypothesis in research problems.
16MCUCP05	Mathematical Software (MATLAB, SPSS & LATEX)			✓		To equip the knowledge of Ordinary Differential Equations of first and second order, solving problems in binomial, poisson distribution by using mathematical softwares.

Department of Physics

Programme: B.Sc., Physics

YEAR :2019 - 2020

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18PHUC305	Optics and Spectroscopy				✓	Used to integrate the concepts in optics and spectroscopy which is globally applied in optical engineering/ industries
18PHUC406	Digital Electronics				✓	Design circuits for real time application at global level
18PHUCP02	Core Practical II			✓		Helps to explore physics fundamentals through experiments
18PHUA301	Allied Physics Paper I		✓			Provides the basic knowledge of Physical laws and principle to the students of other branches of science
18PHUA402	Allied Physics Paper II		✓			Discusses the ideas about various fields in Physics and their applications in day to day life
17PHUS604	Medical Physics			✓		Imparts skills necessary to take up a career in medical field

YEAR :2018- 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18PHUC101	Mechanics, Properties of Matter and Acoustics				✓	The basic concepts and principles discussed in this paper helps to understand the real life problems
18PHUC204	Nuclear and Particle Physics				✓	The knowledge of nuclear structure and nuclear model helps to understand the background of nuclear reactors
16PHUC507	Mathematical Physics				✓	Mathematical tools were adopted to solve physics problems
16PHUC610	Classical Mechanics and Relativity				✓	Provides a strong foundation for learning quantum and statistical mechanics
16PHUE603	Communication Electronics				✓	Impart the basic principles and applications which act as a key factor for the development in communication electronics

YEAR :2017- 2018

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
17PHUCP01	Core Practical I			✓		Helps to explore physics fundamentals through experiments
16PHUCP02	Core Practical II			✓		Helps to explore physics fundamentals through experiments
15PHUCP03	Core Practical III			✓		Helps to explore physics fundamentals through experiments
15PHUCP04	Core Practical IV			✓		Helps to explore physics fundamentals through experiments
15PHUE501	Programming in C and C++				✓	Programming knowledge helps to develop softwares globally.
15PHUC610	Quantum Mechanics and Relativity				✓	Discuss the behaviour of particles at microlevel which helps to understand the natural phenomenon

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15PHUSB01	Energy Management			✓		Impart the idea to achieve and maintain optimum energy procurement for managing energy consumption at National level.
15PHUN301	Physics in Everyday Life				✓	Explains the significance of Physics involved in our daily life
15PHUN402	Environmental Pollution: Physical Aspects.			✓		Creates awareness about pollution and ways to control and prevent it.

YEAR :2015- 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
09PHUC102	Heat, Thermodynamics and Statistical Methods				✓	Describes the fundamental laws, Principles in Thermodynamics and statistical Mechanics to meet the global standards.
11PHUC203	Electricity, Magnetism and Electromagnetism				✓	The electrical behaviour of charges and magnetic properties of materials were clearly understood through this paper, which meets the global needs
09PHUN402	Scientific Facts				✓	Create awareness about the natural phenomenon that occurs globally.

Programme: M.Sc., Physics

YEAR :2019 - 2020

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18PHPC206	Advanced Electronics				✓	Acquire knowledge about microprocessors and microcontroller with which its applications is in global level
18PHPC308	Condensed Matter Physics			✓		Enhance the research knowledge in solid state physics
18PHPN101	Atmospheric Physics				✓	Gain knowledge about the evolution of atmosphere
18PHPS302	Nano Science and Technology		✓			Apply the various techniques for synthesis and characterization of nanomaterials

YEAR :2018- 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18PHPC103	Computational Methods and Programming		✓			Enhances the various idea about finding solutions using computational methods
17PHPE301	Introductory Astronomy, Astrophysics & Cosmology				✓	Discuss the theories of Astrophysics in global standard
18PHPC102	Mathematical Physics-I			✓		Solving the physics problems using mathematical tool
16PHPC309	Electromagnetic Fields and Waves				✓	Discuss the electromagnetic field theory is in global standard

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16PHPC206	Advanced Computational Physics			✓		Provides computation and visualization software at national level
16PHPE301	Communication Electronics and Microprocessor				✓	Examine the design aspects of I/O and memory interfacing circuits in global standard
16PHPE402	Thermodynamics and Statistical Mechanics			✓		To acquire in-depth knowledge about the principles of thermodynamics and statistical mechanics
16PHPCP01	Core Practical-I General Experiments	✓				Enhance the student understanding the basic Physics concepts through hands on experience.

YEAR :2015- 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
10PHPC103	Analog and Digital Electronics				✓	Acquire knowledge in designing analog and digital circuits
11PHPE402	Solar Energy and its Utilization			✓		Broaden knowledge in a research field in solar energy at national level
13PHPSL03	Oceanography				✓	Discuss in the field of oceanography is in global standard
12PHPCP03	Advanced Experiments		✓			Practical knowledge of using instruments available in the region

Department of Chemistry

Programme: B.Sc., Chemistry

YEAR :2019 - 2020

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18CHUC406	Core Chemistry - VI			✓		To promulgate the better understanding of fundamental organic chemistry, dyes, iron group metals, adsorption, solutions and colligative properties
18CHUN301	Water Management - An Environmental Perspective				✓	To facilitate the students to have basic knowledge about the need to protect and nurture the precious bounty of freshwater, its socio-economic importance and conservation of water resources

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18CHUC204	Core Chemistry - IV			✓		Enable the students to learn the principles of general methods of metal extraction, reactions of carbonyl compounds and a comprehensive information about the II law of Thermodynamics
18CHUA001/ 18CHUA303	Allied Chemistry I (For B.Sc N&D, Botany and Zoology)		✓			To familiarize with oils and fats, organic Fertilizers, dyes, sulphad drugs, vitamins, concepts of chemical kinetics and chromatography

YEAR :2017 - 2018

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
17CHUE502	Pharmaceutical Chemistry			✓		To know about the chemistry of drugs
17CHUE603	Polymer Chemistry				✓	To learn more about polymer chemistry, the recent developments and its applications in various fields
17CHUA202/ 17CHUA404	Allied Chemistry Paper - II	✓				To relate chemistry to careers in science
17CHUN402	Chemistry in Daily Life		✓			To recognize the significance of chemistry in daily life

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15CHUC406	Core Chemistry Paper VI	✓				To enable the students to have better understanding about metals, dyes, solutions and colligative properties
15CHUC507	Core Chemistry Paper VII - Inorganic Chemistry			✓		To expose the students to the challenges of the subject and to unify many of the underlying principles and observed facts
15CHUC509	Core Chemistry Paper IX - Electrochemistry		✓			To learn the principles of electrochemistry and to understand its applications
15CHUC612	Core Chemistry Paper XII - Chemistry of Natural Products				✓	To educate the students to gain a hold in the chemistry of terpenoids, alkaloids, vitamins, hormones, steroids and chemotherapy

Department of Botany

Programme: B.Sc., Botany

YEAR :2019 - 2020

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18BOUC404	Cell Biology & Tissue Culture				✓	To know the mechanism of Gene expression and Protein synthesis. To understand the techniques related to tissue culture
18BOUS402	Multi Skill Development Paper			✓		To familiarize the students with various types of tests that are employed by the diverse examining bodies
16BOUE502	Horticulture and Plant Breeding				✓	To provide theoretical and practical aspects of gardening to enable them to be self employed. To give insight into the science of breeding.
18BOUN301	Ornamental Horticulture			✓		To know different types of ornamental plants and implements used in gardening
18BOUN402	Nursery and Landscaping		✓			To know the different kinds of nursery structures

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16BOUC303	Anatomy & Embryology				✓	Gain knowledge of anatomical features of plant cells, tissues, organs and their functions.
17BOUSL03	Green Mangement		✓			To encourage plant products use and its importance to create environmental awareness
16BOUC506	Plant Physiology				✓	To learn the metabolic and biochemical reactions in plants
16BOUE501	Applied Microbiology				✓	To install necessary skills on fermentation process, isolation, identification and production of microbes used in industry.
16BOUC611	Biotechnology II – Applied Biotechnology				✓	To know the outlines of genetic engineering. To develop the skill on gene transfer methods.

YEAR :2017 - 2018

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16BOUC303	Anatomy & Embryology			✓		To study histological tools for identification of plants and developmental stages in angiospermic embryos
15BOUC505	Taxonomy of Angiosperms & Economic Botany				✓	To identify the locally available plants , status and their importance .
15BOUC506	Plant Physiology			✓		To understand the energy relations and enzymes involved in various metabolic activities
15BOUE502	Horticulture and Plant Breeding				✓	To provide theoretical and practical aspects of gardening and to become entrepreneur

15BOUC612	Fundamentals of Computer & Bioinformatics				✓	To acquire the knowledge of databases and sequence analysis
15BOUS604	Mushroom Technology			✓		To learn the cultivation techniques and to discern the nutritional and medicinal value of mushrooms.

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15BOUC303	Anatomy & Embryology			✓		Gain knowledge of anatomical features of plant cells, tissues, organs and their functions.
15BOUS503	Herbal Botany		✓			To impart knowledge of traditional medicinal systems, medicinal plants and their medicinal uses
15BOUN301	Ornamental Horticulture			✓		To understand the basic aspects of indoor and outdoor gardening and to develop the art of miniature plants and soil less culture
15BOUN402	Nursery and Landscaping			✓		To know the different kinds of nursery structures
13BOUC612	Horticulture			✓		To enhance the skill in plant propagation methods and marketing
13BOUSL03	Preservation Techniques			✓		To study the importance of food and preservation techniques

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
13BOUS301	Herbs and Health			✓		To acquire knowledge of traditional systems of medicine, medicinal plants and their medicinal uses
13BOUN301	Nursery Management			✓		To acquire the aspects and perspectives on nursery and landscape gardening
13BOUN402	Home Gardening	✓				To know the importance of home gardening
13BOUE501	Applied Microbiology				✓	To install necessary skills on fermentation process, isolation, identification and production of microbes used in industry.
13BOUS503	Herbal Cosmetics & Ayurvedic Medicines	✓				To acquire knowledge on herbs as cosmetics and medicine
13BOUC610	Biotechnology I - Concepts & Techniques				✓	To know the outlines of genetic engineering and to develop the skill on gene transfer methods.

Programme: M.Sc., Botany

YEAR :2019 - 2020

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18BOPC205	Cell Biology & Plant Tissue culture				✓	To develop the skill of invitro propagation and application in horticulture and forestry.
18BOPC307	Taxonomy & Biosystematics			✓		To identify medicinally and economically important plants and plant products.
18BOPC308	Plant Physiology & Phytochemistry				✓	To learn the metabolic and biochemical reactions in plants.
18BOPC412	Research Methodology				✓	To understand the basic concepts of research and its methodologies.

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18BOPC104	Anatomy & Embryology			✓		To study the ontogeny and phylogeny of plant tissues , anomaly of stem and root.
18BOPE201	Microbes & Industry				✓	To develop the skill of manufacturing industrial products
16BOPN101	Value Added Plant Science			✓		To enable the non major students to have basic knowledge on plant science
16BOPS303	Green Medicine			✓		To update knowledge on plants used by tribal society.

YEAR :2017 - 2018

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16BOPC104	Pteridophytes, Gymnosperms & Palaeo botany			✓		To study the Geological time scale and some kinds of fossils.
16BOPC206	Cell Biology & Tissue culture				✓	To understand the structure and replication of nucleic acid .To develop the skill of in vitro propagation and application in horticulture and forestry.
16BOPC412	Ecology & Conservation Biology				✓	To conserve biodiversity for future generation. To study the concept of biotic communities
16BOPC413	Research Methodology				✓	To study the methods of writing research articles.

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15BOPC310	Bioinformatics				✓	To acquire the knowledge of databases and sequence analysis
15BOPC411	Genetic Engineering & Biotechnology				✓	To understand the transgenic technology in plants. To study the microbial production of organic acids and organic manure.
13BOPS302	Horticulture			✓		To understand the basic aspects of outdoor gardening.To know the cultivation methods of vegetables and fruits.
13BOPS303	Green Medicine		✓			To acquire the knowledge about the herbal plants.

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15BOPC101	Microbes & Industry				✓	To study the Classification - Characteristics & Structure of industrially important microbes. To study the isolation - Identification & Production of potential microbes in industries.
15BOPC103	Mycology & Phytopathology			✓		To understand the range of thallus- Structure- Reproduction methods and life cycle pattern of Fungi and to understand plant – pathogen interaction
13BOPC309	Plant Physiology & Phytochemistry			✓		To understand the movement of water and solute
13BOPC412	Environmental Science & Conservation Biology				✓	To create Awareness on environmental protection.

Department of Zoology

Programme: B.Sc., Zoology

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16ZOUS503	Animal Farming		✓			Students will acquire requisite knowledge on traditional farming and the nutritive value of by- products of animal farming.
16ZOU501 & 602	Medical Laboratory Technology I & II				✓	To acquire knowledge on diagnostic procedures and to enhance the technical skills in clinical laboratory.

YEAR :2017 - 2018

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16ZOUN301	WildLife Diversity and conservation				✓	Prepares the students to understand the wildlife fauna and diversity in order to appreciate, admire and conserve it.

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16ZOUA202	Applied Zoology			✓		To learn about various techniques involved in the applied fields of Zoology.

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
14ZOU610	Biophysics, Biochemistry and Bioinstrumentation				✓	Scientific understanding and modern competences in analytical techniques and handling of instruments useful for biological studies.

Department of Nutrition and Dietetics

Programme: B.Sc., Nutrition & Dietetics

YEAR :2019 - 2020

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18NDUCP04	Practical IV-International Cuisine				✓	Course encourages the students to acquire knowledge and understanding of cuisines around the world.
18NDUCP06	Practical VI-Food Analysis and Quality Control				✓	To acquire knowledge on food analytical techniques and quality control experiments ,to get employment opportunities globally.
18NDUCP05	Practical V-Food Preservation			✓		To understand different emerging techniques in food Preservation ,offers employment opportunities in food preservation centres and also as an entrepreneur .

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18NDUCP01	Practical I -Food Science				✓	To inculcate skills on the art of cooking along with a scientific principles and the use of traditional foods like millets which is used world wide.
18NDUC203	Principles of Nutrition			✓		Relate metabolism of macro and micro nutrients in health and deficiencies of an individuals,encourage students to be diet Counsellor in Hospitals, Diet clinics and Fitness centres.
18NDUCP02	Practical II-Family Meal Management				✓	Learn how to apply food facts and principles, communication techniques and meal management strategies to improve the nutritional status of individuals.
18NDUC204	Family Meal Management				✓	Outline the nutritional importance for vulnerable groups through balanced diets and to prevent the spectrum of Malnutrition.

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
14NDUCP04	Practical IV-Food Preservation		✓			Helps the student to acquire knowledge on different methods of Food preservation.
15NDUCP02	Practical II-Food Analysis and Quality Control			✓		Analysis of food practically helps students to get employment as a quality control analyst in food industries and gain insight on food adulteration
16NDUCP01	Practical I-Food Science			✓		The theoretical principles of Food Science help the students to develop skills on the art of cooking along with a scientific approach.
14NDUCP03	Practical III-Dietetics				✓	Enable the students to gain knowledge about principles of diet therapy and to make use of computer skills in nutrition related careers and impart Nutrition education emphasizing Information Technology

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
13NDUS503	Food Processing – I			✓		Acquire knowledge on Food processing and techniques to prevent Post Harvest Losses of foods.
13NDUS604	Food Processing – II				✓	Enable the students to understand different processing methods ,helps to become an entrepreneur and implement the concept of "value addition" in foods across countries.

Department of Computer Science

Programme: B.Sc., Computer Science

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18CSUC407/ 18CAUC407/ 18CTUC304	Relational Database Management Systems				✓	The course is to present an introduction to Relational Database Management Systems, with an emphasis on how to organize, maintain and retrieve - efficiently, and effectively - information from a RDBMS using Oracle9i and PL/SQL

YEAR :2017 - 2018

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15CSUE531/ 15CAUE521/ 15ITUE531/ 15CTUE521	Big Data Analytics				✓	To understand the challenges in architectures to manage and perform analytics on big data for data intensive applications

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
11CSUSP04/ 11CAUSP04/ 11ITUSP04/ 11CTUSP04	DTP Design Tools(Page Maker and Corel Draw)		✓			To make the students understand the concepts of PageMaker and CorelDraw.
15CSUE622/ 15CAUE632/ 15ITUE612/ 15CTUE622	Internet Of Things			✓		To learn IoT concepts and technologies.

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
11CSUC511/ 08CAUC511/ 15ITUC306/ 08CTUC511	Software Engineering			✓		To learn engineering practices in Software development Methodologies and evaluation methods

Programme: B.C.A.,

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16CAUSL02	Internet Concepts			✓		To understand the working of various components of Internet.

YEAR :2017 - 2018

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15CAUA404/ 15ITUE511	Enterprise Resource Planning		✓			To learn fundamental concepts, manufacturing perspective, modules and benefits of ERP.

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16CSUC512/ 16CAUC512	Android Programming				✓	To learn about developing Android applications, manipulating audio, video using camera and technologies in Network and Internet Connectivity
15CAUE622/ 15ITUC512	Software Testing			✓		To learn various software testing strategies and metrics.

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15CSUC408/ 15CAUC408	Web Programming		✓			To learn Web programming using HTML, CSS and JavaScript.
15CAUE511	Computer Graphics and Multimedia				✓	To make the students learn graphics and multimedia fundamentals.

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16CTUSL04	Security in Computing			✓		To learn about nature of system vulnerability and measures to control it.

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15CTUA404	Embedded Systems			✓		To gain the knowledge of the basic concept of embedded system.

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
09ITUE632/ 11CTUE612	Mobile Computing	✓				To enable the students understand the concepts of GSM, GPRS and WIFI.

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15CAUA202/ 15CTUA202	Mathematics II - Optimization Techniques	✓				The objective of the course is to understand the mathematical tools needed to solve optimization problems. It is an analytical method of problem-solving and decision-making that is useful in the management of organizations.

Programme: B.Sc., Information Technology

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16ITUSL03	Green Computing				✓	To learn the measures in protecting environment through proper usage of Computers and components.

YEAR :2017 - 2018

Course Code	Title of the Course	Need				Rationale
		Local	National	Regional	Global	
11ITUA303/ 15CTUA303	Microprocessors and its Architecture	✓				The objective is to gain knowledge in microprocessor, assembly language programming and interfacing of IO devices and supporting chips.

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15ITUC304	Java and Network Programming				✓	The main objective of this course is to provide the knowledge of Object Oriented Programming concepts, Packages and Interfaces, Networking Basics, Applet concepts and Awt Classes in solving real world problems.

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15ITUC408/ 15CTUC510	PC-Hardware and Troubleshooting	✓				This course make the students to gain the detailed knowledge of all the hardware components and different interfaces required to connect these hardware devices.

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16CTUSL04	Security in Computing			✓		To learn about nature of system vulnerability and measures to control it.

Programme: M.Sc., Computer Science

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18CSPC310	Machine Learning Techniques				✓	Understand the concepts , fundamentals and various techniques of data mining and machine learning
18CSPSL01	Open Source Technology				✓	Imports knowledge in developing applications using Linux
18CSPE312/ 18CAPE513	Information Security				✓	To make awareness about Cyber Crimes and various types for security concepts

YEAR :2017 - 2018

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
17CSPE241	Internet of Things			✓		Import the knowledge on IoT concepts and technologies
17CSPE342	TCP/IP			✓		Understand the basic concepts of protocols and network management

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16CSPC309	ASP.NET programming			✓		Development of applications using ASP.NET framework

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15CSPE221	Object Oriented Analysis and Design			✓		Understand the object oriented programming concepts and knowledge of UML
15CSPC308	SOA and Web Services			✓		Import the knowledge of SOA and web services
15CSPC310	Data Mining			✓		Import the knowledge on data mining techniques
15CSPE231/ 15CAPE524	Cloud computing and Big Data Analytics				✓	Introduced the concepts of big data analytics

Programme: M.C.A., Computer Applications

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18CSPE312/ 18CAPE513	Information Security				✓	To make awareness about Cyber Crimes and various types for security concepts

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16CAPC543	Machine Learning			✓		To understand the concepts of Machine Learning
16CAPE524	Big Data Analytics				✓	To explore the fundamental concepts of Big Data Analytics
16CSPC309	ASP.NET programming			✓		Development of applications using ASP.NET framework

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15CSPC104/ 15CAPC309	Advanced Operating System			✓		To learn the mechanisms of OS to handle processes and threads and their communication
15CAPC413	Data Mining Techniques				✓	To enable students to effectively identify sources of data and process it for data mining
15CAPC308	Advanced Java				✓	To understand the concepts of Applet and AWT components
15CSPE231/ 15CAPE524	Cloud computing and Big Data Analytics				✓	Introduced the concepts of big data analytics

Programme: P.G.Dip.in Computer Applications

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18DCPC102	Data Structures and C Programming	✓				To learn and understand the concept of Data structures and implement its concept using C Programming language
18DCPC206	Basics of Communication and Networking			✓		To understand the layered communication architecture and learn the principles of routing and its protocol

Department of Commerce

Programme: B.Com.,

YEAR :2019 - 2020

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18COUN301	Fundamentals of Accounting	✓				Acquire conceptual knowledge about the fundamentals of accounting procedures.
18COUC409	Corporate Accounting - I			✓		To enable the students to be aware on the corporate accounting in conformity with the provisions of the companies Act and accounting procedure followed by the company.
18COUC411	Business Communication & Report Writing		✓			To impart effective business communication skills among the students and enrich them to opt the right media of communication.
18COUC412	Principles of Management		✓			To familiarize the students with management principles, functions and techniques for effective coordination and control of business enterprises.
18COUN402	E-Banking			✓		To impart awareness in students on IT enabled banking and to acquaint the students with E-banking products and services.

YEAR :2017 - 2018

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
13COUC203	Financial Accounting			✓		To equip the students with skills for recording various kinds of business transactions concerning departments, branches and hire purchase.
13COUC618	Management Accounting			✓		To provide the students an understanding about the use of accounting and costing data for planning, control and decision making.
15COUE602	Indirect Taxes			✓		To acquaint the students with the concept of 'ONE NATION, ONE TAX, ONE MARKET'.
11COUS604	Event Management	✓				To enable the students to handle and organize various events and thereby build their profession.

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
13COUC102	Business Organisation & Office Management	✓				To enrich the students with the basic knowledge of business, and its ethics and sources of finance.
13COUC306	Principles of Marketing				✓	To provide basic knowledge about the concepts, principles, tools, techniques and latest trends in Marketing.
15COUC308	Business Law			✓		To provide the knowledge about basic legal concepts and the Indian legal environment in which business is carried on.
15COUC410	Company Law & Secretarial Practice			✓		To enable the students to get familiarised with the regulatory framework for the companies in India and to understand the formation, management and other activities of the companies.
13COUC516	Principles of Taxation			✓		To familiarize the students with various types of tax system and role of finance commissions in India.
13COUC617	Higher Corporate Accounting			✓		To acquire knowledge in the preparation of annual financial statements for special type of organizations.

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
13COUCP01	MS-Office Practicals	✓				To enable the students to prepare text documents, excel statements, power point presentations and records in access.
13COUC514	Banking Law & Practice			✓		To enable the students to acquire knowledge on the basis of different types of bank account and E-Banking concept.
13COUE603	Retail Management				✓	To make the students to learn the features of retailing, theories of retail development and growth of retail in India and at global level.

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18COPC413	E-Commerce	✓				To provide exposure about the emerging changes in marketing and advertisements in the E-Commerce and M-Commerce era
18COPC415	Advertising Management		✓			To familiarize the objectives and types of advertising that spins the world of business, and to understand the creative execution of advertisements in various media.

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18COPC102	Managerial Economics			✓		To familiarize the modern economic concepts and the managerial implications in micro and macro economic business decisions.
18COPC206	Advanced Cost Accounting			✓		To examine the concepts and procedures underlying the development of cost accounting system for managerial decisions, control and performance reporting.
18COPC208	Business Environment			✓		To be aware of the business environment issues, role of foreign capital and government policy, implications of privatization and globalization, and social responsibility of companies.
18COPN101	Internet & E-Commerce				✓	To make them aware of the various models of e-commerce and e-payment systems
18COPC02	Computer Applications Practicals - II (Tally & Internet)			✓		To promote the skill of applying knowledge in accounting using Tally 9.0

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
11COPS302	Investment and Secondary Market Operations			✓		To know the mechanics of stock trading and the emergence of Derivatives Market
13COPC414	International Business				✓	To impart knowledge on international marketing and export and imports

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
13COPC103	Information Techonology & MIS				✓	To empower the students with computer skills through learning concepts and technologies.
16COPC207	Human Resource Management		✓			To understand the individual behaviour and performance and the need to integrate and maintain human resources
13COPC309	Income Tax			✓		To impart knowledge to the students on the computation of taxable income under various heads of income
13COPC311	Investment Management				✓	To acquire knowledge on how portfolios are analysed and selected and the various investment alternatives available

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
13COPC104	Corporate Accounting			✓		To acquire knowledge on accounting for company mergers and reorganizations and holding companies.
13COPC310	Financial Management			✓		To enable the students to get an in depth understanding of various financial management areas like risk, return and cost of capital
12COPC412	Accounting for Managerial Decision-Making			✓		To give an insight into the various cost control techniques like Budgetary Control, Marginal Costing and Standard Costing.

Department of Biochemistry

Programme: B.Sc., Bio chemistry

YEAR :2017 - 2018

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
17BCUCP03	Core Biochemistry Practicals Iii			✓		The students can understand the testing procedures of samples by kit methods

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16BCUC506	Human Physiology With Medical Terminology				✓	The students should have understood clearly on various alimentary parts of human body

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15BCUA402	Ms Office 2000				✓	The students can be well versed in MS office operations.

Department of Foods and Nutrition

Programme: M.Sc., Foods & Nutrition

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18FNPC102	Physiological aspects of Nutrition				✓	Students acquire understanding on changes in body functions and associated disorders and gain knowledge on the effect of malnutrition and altered immune function
18FNPC312	Food Quality control and product development				✓	To acquire requisite knowledge on Food Quality control technique, patenting and Food Safety measures
18FNPC413	Food Processing and Packaging				✓	Students will learn the concept and effect of food Processing and make a detailed study on labelling , packaging and its applications
18FNPS302	Techniques of fitness assessment			✓		To acquaint knowledge on physiological components of physical fitness and its role in health promotion
18FNPS303	Nutritional Epidemiology				✓	To examine epidemiological status and to review the current status and knowledge regarding diet and other nutrition disorders

YEAR :2017 - 2018

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
17FNPC103	Nutritional Biochemistry				✓	To understand the synthesis of biomolecules and their role in metabolic pathway
17FNPC310	Food Biotechnology			✓		Applications of enzyme technology in Food Industry and Research
17FNPC311	Nutrition in Disease II				✓	To gain familiarity in the etiology and dietary management of various diseases

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15FNPC 205	Research Methodology and Statistics				✓	To understand the principles and methods of global research
15FNPC 312	Food product deveopment and Quality control				✓	To gain knowledge on global food standards and safety aspects
15FNPC309	Micronutrients				✓	To understand recent advance and interrelationship between micronutrients

Department of Costume Design And Fashion

Programme: B.Sc

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18CFUSP01	Fashion Accessories-Practical		✓			Innovating New Trends In Fashion Jewllary Making

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15CFUA303	Historic Costumes And Textiles			✓		To Educate The Students About The Different Costumes Used In India

Department of Commerce With Computer Applications

Programme: B.Com., with Computer Applications

YEAR :2017 - 2018

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
17CMUC203	Financial Accounting			✓		Acquiring accounting skills in different forms of organisations.
17CMUCP02	Computer Applications Practical-II Oracle-SQL			✓		To acquire knowledge of oracle administration.
17CMUCP03	Computer Applications Practical-III OOPS with C++		✓			Understanding the basic concepts of programming using C++.

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16CMUC510	Taxation			✓		To be proficient with the procedures involved in computing taxable income under various sources.
16CMUCP05	Computer Applications Practical-V Internet and Web designing	✓				Gain knowledge on HTML structure and web designing using various web tools.

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15CMUA303	Enterprise Resource Planning		✓			Contemporary and forward looking on the theory and practices of ERP technology.
15CMUC614	Financial Management				✓	Universally applicable by gaining knowledge on working capital requirements and evaluating investment decisions.

Programme: M.Com., with Computer Applications

YEAR :2019 - 2020

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18CMPC413	E-Commerce				✓	To impart knowledge of the emerging changes in marketing, legal issues and privacy in e-commerce.
18CMPS302	Export Procedure				✓	Predominantly covers export procedures and documentation.
18CMPS303	Stress Management				✓	To acquire basic skills to manage and cope up with stress.

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16CMPCP01	Computer Applications Practical-I MS-Office & Oracle		✓			To impart knowledge of working of MS-Office and Oracle.
16CMPCP02	Computer Applications Practical-II Tally & Object Oriented Programming			✓		To acquire knowledge relating to different data structures and to create/update basic data files and also gain practical accounting knowledge using Tally.

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15CMPN101	Internet Marketing				✓	Explore the role and importance of internet marketing in today's rapidly changing Business Environment.

Department of Corporate Secretaryship

Programme: B.Com., Corporate Secretaryship

YEAR :2019 - 2020

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
19CCPC105	Secretarial and Management Audit			✓		Describes the policies and procedures to be followed in conducting secretarial and management audit and related role of Company Secretary

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16CCUS604	Women Entrepreneurship in Small Scale Business (Cafeteria System)			✓		Women Entrepreneurship related Laws and Subsidies granted by Government are taught to promote and develop Women Entrepreneurship

Department of Cooperation

Programme: B.Com., Cooperation

YEAR :2019 - 2020

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18CPUCP01	Computer Applications in Business (Practical)			✓		Provide the opportunity to apply computer in Business.
18CPUC305	Production, Trade and Services Cooperatives			✓		Understanding the structure of non-credit co-operative societies in India
18CPUN301	Dynamics of Cooperation			✓		Impart the dynamic aspects in Cooperatives.
18CPUS301	Women Entrepreneurship and Skill Development		✓			Acquire the knowledge & skill on Entrepreneurship and Financing Institutions

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18CPUC101	Cooperation: Theory and Practice			✓		Identify the various committees and commissions of cooperatives in India
18CPUC203	Cooperative Finance and Banking	✓				Understand the basic agricultural and non-agricultural cooperative credit system
18CPUC204	Financial Accounting			✓		Prepare statement of affairs and calculate profit
18CPUA202	Business Economics				✓	Identify the impact of Globalization in Indian Economy

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16CPUC513	Business Communication				✓	Understand the Principles, Criteria for Good Trade Correspondence
16CPUE501	Income Tax Law and Practice			✓		Underlying the Provisions of Income Tax Laws in India
16CPUC615	Corporate Accounting				✓	Learn Contemporary aspects of Corporate Accounting

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
14CPUC411	Practical Training Phase - I		✓			Gain Practical exposure in Credit and Non Credit Cooperatives
14CPUC514	Practical Training Phase – II	✓				Train in the day to day administration, account maintenance and auditing of various cooperatives

Department of E-Commerce

Programme: B.Com., E-Commerce

YEAR :2019 - 2020

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
17CEUS604	Cyber Law & Security				✓	Gain knowledge on cyber law and Security governance

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16CEUC510	Income Tax Law & Practice			✓		To provide complete knowledge about Income Tax provisions and assist in tax planning
16CEUCP04	Computer Application Practicals IV - VB.NET				✓	To become familiar with the VB.NET software development environment.
16CEUCP05	Computer Application Practicals V - Web Programming		✓			Able to design and implement static and dynamic website
16CEUE602	E-Banking and Practice			✓		Familiarize with modern Electronic practices in banking sector
16CEUS503	Softskill Development	✓				To develop personality and excel in workplace

YEAR :2017 - 2018

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16CEUC304	Corporate Accounting				✓	To understand the concepts and Practices of company accounts in accordance with the statutory requirements
16CEUC305	Principles of Marketing			✓		To Gain knowledge on principles of marketing and develop marketing strategies in business
16CEUC306	Object Oriented Programming with C++				✓	To enhance problem solving and programming skills in C++ with extensive programming.
16CEUC407	Business Finance			✓		To learn the concept of business finance and the practical application of financial planning to business
16CEUC409	Software Engineering	✓				To Understand the concepts of software development

YEAR :2016- 2017

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16CEUC102	Digital Business Model				✓	To better understanding of strategic tools and techniques along with the essential Knowledge in e-business
16CEUCP01	Computer Application Practicals I -Ms.Office & Tally		✓			To impart basic knowledge on computer Applications in Ms-Office and Tally
16CEUA101	Mathematics for Business			✓		To understand basic mathematical concepts and analytical abilities to solve the business problem
16CEUA202	Business Statistics	✓				To impart knowledge on statistical techniques and implications in business

Department of Professional Accounting

Programme: B.Com., Professional Accounting

YEAR :2019 - 2020

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18PAUC308	Corporate Law			✓		To familiarize the graduates with the legal nature of the company as a business structure, the role of the board of directors and their legal duties as directors
18PAUS301	Brand Management				✓	To familiarize graduates with various aspects of branding a product
18PAUN301	Cyber Law				✓	To impart knowledge on the cyber crimes and security measures
18PAUA404	Management Principles & Professional Ethics			✓		To enable the graduates to understand the managerial tasks of planning, organizing and control and to apply theoretical knowledge in simulated and real-life situations
18PAUN402	Business Ethics				✓	To provide basic knowledge on the ethical responsibility and accountability in business

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18PAUC102	General Economics			✓		To enrich the graduates' knowledge on practical aspects of economic decisions in business, the factors driving economic systems and various market structures

Department of Accounting And Finance

Programme: **B.Com., with A&F**

YEAR :2019 - 2020

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
19AFUC102	Fundamentals of Law	✓				To understand the features, conceptual schemes and procedures of the various business laws
19AFUCP01	Computer Applications Practical I – MS Office		✓			To provide hands on use of Microsoft office applications

Department of Banking And Insurance

Programme: **B.Com., B&I**

YEAR :2019 - 2020

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
19BIUC102	Fundamentals of Banking			✓		To acquaint knowledge about banking operations and digital services prevailing in india.
19BIUC204	Elements of Insurance		✓			To impart knowledge on the basic principles, practices and various forms of insurance.

Department of Business Administration With Computer Applications

Programme: B.B.A. with Computer Applications

YEAR :2018 - 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18BAUCP02	Tally 9.0 (Programming Lab)			✓		Enable the use GST and derive Reports
18BAUA303	Taxation Law and Practice			✓		Apply the new trends of GST and its tax treatment in business

YEAR :2017 - 2018

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16BAUCP01	PC Software (MS Office) - Practical				✓	Understand the computer knowledge and applications
17BAUSL03	Business Ethics		✓			Acquire the values and ethicss for good business

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15BAUC512	Banking and Insurance Services			✓		Understand the banking and insurance laws for establishing business
15BAUE602	Investment Management			✓		acquire the knowledge of investment opportunities and Portfolio Decisions

Department of Library And Information Science

Programme: M.Lib.I.Sc.,

YEAR :2018- 2019

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
18MLPC206	Knowledge Management				✓	To extrapolate the types of knowledge, knowledge creation models and tools and techniques of knowledge Management
18MLPS302	Digital Libraries and Web Technology				✓	Applications of digital library concepts, practices in the web environment
18MLPS303	Communication and Public Relations			✓		To enable the students to develop their softskills
18MLPC308	Information Retrieval				✓	To evaluate the methods of retrieving information, its tools and techniques
18MLPC413	Media Libraries and Information Marketing				✓	To understand the functions of libraries in media sector and the dynamic aspects of marketing

YEAR :2017 - 2018

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
16MLPCP03	Open Source Software(Practicals)				✓	To acquire the skills of Library Automation, Content Management and Digital Library using Open Source Software
17MLPC102	Management of Library and Information Science		✓			To understand the dynamics of Library Management and Managerial Skills
17MLPE201	Library Automation and Networking			✓		To apply the knowledge of Information Technology in Library Automation Systems for Inventory Control and Bibliographic Descriptions

YEAR :2015 - 2016

Course Code	Title of the Course	Need				Rationale
		Local	Regional	National	Global	
15MLPC104	Information Resources				✓	To gain knowledge on various information resources across the globe
15MLPC310	E-Library Tools and Techniques				✓	To identify E-resources across the globe and apply the techniques to manage them
15MLPC411	Library System and its Applications			✓		To distinguish the need, functions and purpose of various library systems
15MLPC412	Informetrics				✓	To apply bibliometric laws, theories and parameters to evaluate the quality of research publications
15MLPC413	Corporate Libraries and Information Marketing		✓			To understand the nature of corporate libraries and Information Marketing approaches