

Sri Sarada College For

Women (AnAutonomousInstitution) (R eaccreditedwith "A" gradeby NAAC)
Institution included u/s 2(f) and 12(B) of UGCAffiliatedto Manonmaniam Sundaranar Univer sity

(AbranchofSriRamakrishnaTapovanam, Tirupparaithurai) Ariyakulam, TirunelveliThoothukudi-HighRoad, Maharaja Nagar Post, TIRUNELVELI-627011.



Criteria -II

2.6 Student Performance and Learning Outcomes

2.6.1. COURSE OUTCOMES

2021-2022

Non-Major Elective/ Skill-Based		
		SEMESTER-I
Major Paper	Micro-economics-I	1. To enable the students to understand the basic concepts of Economics, market structure and distribution of theories.
Major Paper	Statistical methods-I	1. To enable the students to understand the significance of statistical tools in research.
Allied Paper	Principles of Advertisement-I	1. To enlighten the students about the significance of advertising.
General Paper	Environmental Studies	1. The Multidisciplinary nature of environmental studies 2. Natural Resources:Renewable and non-renewable resources 3. Eco System 4 Bio-Diversity and its Conservation 5. Environmental Pollution 6. Social Issues and the Environment 7. Human Population and the Environment.
		SEMESTER-II
Major Paper	Micro-Economics-II	1. To enable the students to understand the basic concepts of Economics, market structure and distribution of theories
Major Paper	Statistical methods-II	To enable the students to understand the use of statistical tools in research
Allied Paper	Principles of Advertisement-	1. To enlighten the students about the significance of advertising.
General Paper	Value Based Education	1. Philosophy of life and Social Justice 2. Human Rights and Organizations 3. Women and Child Rights 4. Commundationny 5. Social problems and Globalization, consumer movement.
		SEMESTER-III
Major Paper	Mathematical Methods-I	 To teach the meaning and significance of elementary mathematical tools in students of students. To enrich the students with the important Mathematical devices for research
Allied Paper	Entrepreneurial Development -I	To enrich the students about the need, supporting facilities and obstacles in entrepreneurship. To build Confidence among the students to launch Entrepreneurial Ventures.
Skill Based Paper	International Economics-I	To enable the students to understand the theories and various aspects of international trade.
Non-Major Elective Paper	Economics for Competitive Examinations	1. To equip students with the Knowledge of Economics for Competitive examinations.





		SEMESTER-IV
Major Paper	Mathematical Methods-II	1.To enable the students to understand the
		concepts and methods of mathematical techniques
Allied Paper	Entrepreneurial Development-II	1. To enable to the students to acquire skillsin respect of entrepreneurship for entrepreneurial opportunities.
		2. To help the students understand the importance of institutional supports from Go vernment.
Skill BasedPaper	International Economics-II	To familiarize the students with foreignexchange market and international finance institutions. It helps to analyze the trade agreements and foreign trade activities.
Non-Major Elective Paper	Economics for competitive Examination-II	1. To enables the students into introducevarious Macro Economic concepts to the students of economics.
		2. It gives clear idea about the economic development index and statistical techniques of economics.
M.: D		SEMESTER-V
Major Paper	Macro Economics-1	To enables the students to understand the concepts, theoretical foundation and methods of analysis in macro economics. To develop the skill in evaluating macro
		Economic policies of economic development.
Major Paper	Public Finance-I	To make the students acquire the adequate knowledge of the nature and characteristics of public finance system inan economy
		2. To provide insights into the formulation and evaluation of effective budgetary policy
Major Paper	Money and Banking	To enable the students to understand the concepts and methods of monetary management in the economy.
		2. To make the students understand theories
		of value of money also the money market and capital market.
Major Elective-I	Indian Economy-I	1. To enable the students to analyze various Issues pertaining to India
		Economic development. The performance of the economy is to be addressed also critical appraisal is expected by taking cognizance of the contemporary developments.
Major Elective- II	Labour Economics	1. To enable the students to understand theanalysis of labour Markets. 2. A knowledge of the empirical evidence on trade unions and industrial disputes also stress the importance of labour welfare and social security measures.
Skill BasedPaper-I	Personality Development	 To understand the basic concept of personality. To understand the nature of personality and factors contributing to formation of personality. To understand Various dimensions of Personality. To understand the basic theories of personality. To understand the types of personality. To enable the students to groom their personality and prove themselves as good Samaritans of the Society. This paper consists of individual oringroup class presentation pertaining to the applications of concepts.







		of English through reading.
Core III	Romantic Period	 To give the learner an understanding of Romantic period through literary works. To broden the learner'sappreciation of literature.
Core IV	Indian Writing in English	To acquaint the students the various genres in Indian Writing in English To enable learners to appreciate the changing trends in Indian literature in English from pre to post Independence era.
Elective I	Literature and Gender	1. To give the learner a comprehensive knowledge of the literary works 2. to expose the learner to translated works that are cultural representations, leading to a better understanding of our own part of the country.
Elective II	African Literature	To equip the students in depth knowledge of wide spectrum of genres and writers.

SEMESTER II

Major Allied Non- Major Elective Skill Based	Paper Title	Programme outome - objective
Core 5	Victorian Age and The Age of Hardy	 To acquaint the learner with the literary background of English Literature. To familiarize the learner with the major movements in English in English Literature.
Core 6	American Literature	1. To give the learner an understanding of American life, values and culture through literary works
Core 7	Literary Theory and Criticism I	1. To introduce modern critical theory as a basic discipline in the study of the principles of modern literature.
Core 8	Indian Writing in English Translation	To acquaint the students the various genresin Indian Writing in English 2. To enable learners to appreciate the changing trends in Indian literature in English from pre to post Independence era.
Elective III	Communicative English	To help them acquire communication skills and a global perspective of English language. To empower the learner with the expected skills for suitable employment.
Elective IV	North East Indian English Literature	To acquaint the students the various genresin North East Indian English

Semester III

Major/Allied/Non- Major Elective/ Skill Based	Paper Title	Programme outome - objective
Core 9	Literary Theory and Criticism - II	To introduce modern critical theory as a basic discipline in the study of the principles of modern literature.
Core 10	Research Methodology	 To acquaint the learner with the research methods. To introduce the learner to the qualitites of good writing. To familiarize the learner with the mechanics of writing.
Core 11	World Literature in 1 EnglishTranslation	To familiarize the students with theliterary classics written and translated from different parts of the world 2. To acquaint the students with the global literary and cultural sensibilities prevalent in other parts of the globe
	^	





Core 12	Shakespeare	 To enable the learner to comprehend, analyse and appreciate Shakespeare's plays. To familiarize the learner with thedramatic art and elements of Shakespeare's plays.
Elective III	Common wealth Literature	 To introduce students to different world cultures and social issues.
Elective IV	History of English language and Linguistics	To enable them to understand the multi-cultural context of English Language and Literature

Semester IV

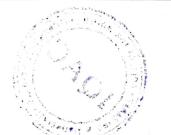
Major/Allied/Non-	Paper Title	Programme outome - Objective
Major Elective/ Skill Based		
Core 13	Literature and Ecology	1. To introduce the students various literary texts and approach them.
Core 14	Diasporic Women's writing	1. To introduce the students various literary texts and approach them from a diasporic perspective.
Core 15	Postcolonial Literature	1. To introduce the students various literary texts and approach them from a Post colonial perspective.
		To familiarize the learner with some representative postcolonial texts.
Elective V	English Language Teaching	1. To enable them to understand the multi-cultural context of English
		Language

M. Phil

		141, 1 1111
Major/Allied/Non- Major Elective/ Skill Based	Paper Title	Programme outome - objective
Core 1	Research and Teaching Methodology	 To acquaint the learner with the research methods. To introduce the learner to the qualitities of good writing.
,	Wethodology	3. To familiarize the learner with the mechanics of writing.
Core 2	Critical Theory	To introduce modern critical theory as a basic discipline in the study of the principles of modern literature
Elective I	Contemporary Literature	To introduce students to different world cultures and social issues.
Elective II	Women's studies	To give the learner a comprehensive knowledge of the literary works
		 to expose the learner to translated works that are cultural representations, leading to a better understanding of our own part of thecountry.

DEPARTMENT OF ECONOMICS B.A. Economics Programme –Outcome with Objectives

Language/ Major/Allied/	Programme Paper Title	Programme Outcome-Objectives
----------------------------	-----------------------	------------------------------



SEMESTER IV

		SEMILSTERIA
Major/Alhed/Non- Flective/Skill Based	Programme Paper Title	Programme Outcome Objective
Core-8	British Poetry	 To provide a historical perspective of British poetry Interpretation and appreciation of the selected texts from the genre of poetry
Allied-3	Caribbean Literature	 To provide a socio-cultural perspective of Caribbean Writings. Interpretation and appreciation of the selected texts.
Skilled Based Core- 1	Phonetics and Spoken English	 To impart proficiency inpronunciation and oral communication. To use appropriate language skills for various communicative functions in different socio-cultural contexts.
Non- Elective-1	English for Employability	 To enhance the language skill of the students. To enhance the employability skills of the students.
Core 9	History of Lughsh Literature II	
Core 10	British Drama	To familiarize the students with the evolution of the genre of fiction in Britain. To make the learner familiar—with the landmarks of English poetry from the Elizabethan to the modern period.
Allied 4	Chicano Literature	To make the learner familiar with the landmarks of Mexican American fiction
Skill Based core 2	Eco English	To aware the learner familiar with environmental awareness and relevant vocabulary
Non major Elective 2	Business Communication	To impart the young graduates the basic concepts and practices of Business Communication.

SEMESTER V

Major/Allied Non- Elective/Skill Based	Programme Paper Title	Programme Outcome – Objective
Core 11	Non-Fiction	 To familiarize the students to the prose writings of the representative writers To develop a sense of literary appreciation in the minds of students
Core 12	Literary Critics and Approaches	 To develop the criticalsensibilities of the students To introduce the major schools of literary criticism to the students
Core 13	World Literature in Translation	 To familiarize the students with the literary classics written and translated from different parts of the world To acquaint the students with the global literary and cultural sensibilitiesprevalent in other parts of the globe
Core14	Canadian Literature	To introduce the studentsto Canadian literature through the close reading of the selected texts

Rounlean

PRINCIPAL
SRI SARADA COLLEGE FOR WOMEN
(Autonomous)
TIRUNELVELI - 627 01L

COLLEGE FOR Ariyakulam.

Ariyakulam.

Maharajanngai (P.O) Diriculam for a control of a control o

		To make them approach selected texts for their value and cross cultural importance
Major Elective	Women's Writing	To sensitise the students
		about the problems women face in the patriarchal cultural milieu
		 Employ literature to analyse issues and questions relating to
		women's experience and empowerment
Major Elective	Journalism and Mass	To introduce the students
	Communication	to the challenges of the constantly evolving world of journalism and
		mass communication
		To develop multi-tasking skills required in the dynamic multi-
		media and convergent environment
Skill based	Personality Development	To Carry on conversation in different communication contexts—such as face to face communication telephonic communication, viva voce etc.

SEMESTER VI

Major/Allied/Non-	Programme	Programme Outcome - Objective
Elective/SkillBased	Paper Title	
Core 15	Shakespeare	 To enable the learner to comprehend, analyse and appreciate Shakespeare's plays. To familiarize the learner with the dramatic art and elements of Shakespeare's plays.
Core 16	South Asian Literature in English	 Learning the complexities of theregion through its literature An understanding of South Asian's social, historical and global contexts
Core 17	Short stories and One Act plays	Enable the students to make comparisons in terms of theme, rhetorical structure and genre
Core 18	Regional Literature in Translation	To use language for aesthetic effect and write critically about literature using textual evidence with proper citation.
Major Elective	African Literature	To equip the students in depth knowledge of wide spectrum of genres and writers.

PG ENGLISH Semester I

Major/Allied/Non-	Paper Title	Programme outome - objective
Major Elective/		
Skill Based		
Core I	Modern Literature I	 To make the learner aware of the power of novel as a modern literary form. To enhance vocabulary and usage of English through reading.
Core II	Modern Literature II	To enhance vocabulary and dsageof Engish through reading. To make the learner aware of the power of novel as a modern literary form. To enhance vocabulary and usage



PROGRAMME OUTCOMES

UG PROGRAMME

SEMESTER I

Major Allied Non- Elective Skill Based	Programme Paper Title	Programme Outcome - Objective
Core I	Indian writing in English	 To introduce the learners the rich literary tradition in Indian Writing in English To acquaint the students the various genres in Indian writing in English
Core II	British fiction	 To familiarize the students with the evolution of the genre of fiction in Britian To enchance vocabulary and usage of English through reading
Core III	Australian Literature	To Introduce the students to the Australian literary texts and approach them from a post colonical perspective To make him approach selected texts from their literary value and cultural importance
Allied I	Social History of England	 To familiarize the students with the historical movements and the cultural politics of England To Provide the student the social-cultural background on which a literary text is grounded

SEMESTER II

Major/Allied Non- Elective Skill Based	Programme Paper Title	Programme Outcome – Objective
Core IV	Indian writing in English II	 To introduce the learners the rich literary tradition in Indian Writing in English To acquaint the students the various genres in Indian writing in English
Core V	American Literature	 To acquaint the students with different literary era, movements and authors relating to American history and literature To enhance communication andcreative skills through literature
Core VI	English Grammar and Usage	 To enchance the communicative competence by improving the grammatical skills To strengthen the writing skills by arugmenting the grammatical skills
Allied II	Literary Forms	To introduce the various genre and forms of Literature

SEMESTER III

Core-7	History of English Literature I	To give a clear and systemic understanding of the national changes and developments that influenced British Literature To familiarize the students about the historical movements that influenced the transformation of the literary tastes and standards





Department of Business Administration Programme outcome with Objective

Sub. Status	Programme Paper	Programme outcome - objectives
		Semester I
Language	Tamil	Enabling the learners to carry out day-to-day conversations in spoken tamil.
	Sanskrit	 Advanced knowledge of ancient Indian religion, literature, and history through the study of Sanskrit texts
		 Advanced command of the Sanskrit language through advanced text reading, and basic knowledge in Pāli, Buddhist Hybrid Sanskrit, and or Vedic Sanskrit.
Language	English	 Improve their skills as writers, by producing several 6-8 papers of at least 500 words in length. While these writings may include description, narration, and personal elements, they should demonstrate skills in analysis, argumentation, assertion with evidence, and synthesis.
		 Improve their 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.
		 Learn to write for various audiences and purposes and to adapt the essay form to various writing situations.
Corc -1	Commercial Correspondence	 To develop both written and oral communication skills to produce clear, complete, accurate messages
		To understand message strategies and formats appropriate for professional communicationsituations
Core 2	Business Statistics	1. Estimate the mean and standard deviation of the marginal distribution of the response variable anduse this information to inform a business decision.
	1	2. Fit a simple linear regressions model
and the state of the		3. Interpret the slope and intercept (whenappropriate) 1777 177315
Affied-I	Environment of	1. Discuss the supply and demand theory and is impact on insurance.
	Business	Explain the effects of government policy on the economic environment and insurance industry
		3. Outline how an entity operates in a businessenvironment
Common	EnvironmentalStudies	To live responsibly and appreciate the environmental and cultural histories of the places, they inhabit.
		2. To cultivate compassion, curiosity, collaboration, and hope.

Semester II

Language	Tamil	1.Introducing the structure and sounds of Tamil
	Sanskrit	 Ability to critically assess existing research through careful reading, analysis, and discussion.
		 Practice of the textual analysis of texts in Sanskrit, Pāli, Buddhist Hybrid Sanskrit, and orVedic Sanskrit.
Language	English	1. Develop productive planning and revising processes.
		2. Learn the structure and style of effectiveentences, paragraphs, and essays.
Core- 3	Business Organisation	1. To provide pupils with an understanding of the nature of business activities and the environments within which they function, with particular reference to Hong Kong situations.
		2. To provide pupils with a knowledge of the theoretical and practical aspects of the operation of the various types of business organizations.
Core -4	Business Mathematics	 Apply basic mathematics including addition, subtraction, multiplication, division, decimals, fractions, and percentages to solve business application problems

	SEMESTER-VI	
Major Paper	Macro-Economics-II	1. To understand macro economic concepts, theories and policies
Major Paper	Public Finance-II	1. To enable the students to understand the budgetary policy, fiscal policy for the economic development.
		2. To understand the local bodies functions and also it stress the importance of
		financecommission in India. To enriches the students with knowledge of government's income, expenditure, debt and Budgeting with reference to India.
Major Paper	Money and Banking-	1. To enrich the students with the Knowledge of Banking functions and
	II	operations.
		2. To enable the students to understand the evolution of banking and banking system in India. Also it highlights the modern banking system.
Major Paper	Indian Economy-II	1. To enable the students to understand the vailability of resources, problems of poverty and unemployment, role of agricultural, industrial and service sectors and planning and reforms of the Indian economy.
		2. To enable the students to understand capital formation in India. To know the roleof service sector in India and also it stress the impact of globalization in India.
Major Elective Paper	Planning and Growth	
		2. To make the students familiar with the developmental issues and solutions of both developed and developing countries.





		 Reconcile and analyze various banking statements and services Solve a variety of interest formulas and calculate payroll
Allied -II	Office Management	 Understanding and clarifying purpose, vision andmission. The secret to working smarter rather than harder. Controlling, prioritising and organising yourwork.
Common	Value Based Education	 Understand the need of values and its classification in contemporary society. Appreciate the values needed for peaceful society like democratic, secular, and socialist etc
Core – 5	Principles of Management	 Discuss and communicate the managementevolution and how it will affect future managers. Observe and evaluate the influence of historical forces on the current practice of management.
Core - 6	Business Law	 Demonstrate an understanding of the LegalEnvironment of Business. Apply basic legal knowledge to business transactions. Communicate effectively using standard business and legal terminology
		Semester III
Core 7	Financial Accounting	 define book keeping and accounting explain the general purposes and functions of accounting explain the differences between managementand financial accounting
Allied – III	Organisational Behaviour	 Analyze individual and group behaviour, and understand the implications of organizational behaviour on the process of management. Identify different motivational theories and evaluate motivational strategies used in avariety of organizational settings.
Skill Based Subject – I	Banking Practice	 Discuss and evaluate the theories relating to the role of banks as financial intermediaries. Explain how bank-based systems differ from market-based systems.
Non - Major Elective - I	Banking Practice	 Describe and analyse the various bankperformance measures. Explain why banks need regulation, and illustrate the main reasons for and against bank regulation
Core - 5	Cost Accounting	 Describe how cost accounting is used for decision making and performance evaluation Explain the basic concept of cost and how costs are presented in financial statements.
Core - 6	Industrial Law	The subject is not designed to equip students to practice labour law, but rather aims at providing a good working knowledge of the history, theory and practice that govern labour relations. Prior knowledge of law or the legal system is neither required nor expected.
Major Elective - I	Financial Service	This course provides an understanding of the following fund-based and fee based financial servicesoffered by financial intermediaries such as nonbanking finance companies, banks and financial institutions.
Allied - IV	Computer Application Business	Use standard spreadsheet features to produce are presentation and analysis of numerical data. Create an electronic document that discusses a single subject or conveys a message.
-C1 11 D 1*	1 3 4	. HO W W W

Skill Based

Subject II

Non - Major

Elective - II

174817517

Managerial

Development

Development

Entrepreneurship

Skilled

1.

2.

3.

1.

To facilitate students' understanding of theirown managerial skills.

Know the parameters to assess opportunities and constraints for new business

To learn from the management experience of others.

2. Understand the systematic process to select and creen a business idea

To improve communication skills.

Core – 10	Case Analysis	1. Evaluate current strategies in addressing sustainability issues in business operations

Semester IV

Core – 11	Marketing Management	 State the role and functions of marketing within arange of organisations. Apply the introduced conceptual frame works, theory and techniques to various marketing context.
Core – 12	Production Management	 Exhibit good communication skills in the management of personnel and business relationships; Establish procedures for overseeing aproduction budget Coordinate the crewing and casting of a production
Major Elective – II	Management Accounting	understand the nature and purpose of different types of organisations (commercial, voluntary, public sector and so on) describe the different ways in whichorganisations may be structured understand basic concepts of organisationalstructure
Skill Based Subject Common	Personality Development	 Learn the basics of Corporate Presentations &Body Language Learn Stress Management & the Science of Happiness which will help one to achieve both personal and professional success and eliminate a couple of road blocks that come in the way of stress management
Core – 13	Retail Management	To familiarize students with the decisions involved in running a retail firm and the concepts and principles for making those decisions.
Core – 14	Financial Managem ent	The objective of this course is to inform the students about the basic concepts of financial management and contemporary theory and policy in order to master the concepts, theories and technique of financial management, what represents the conditionof profitable business operations and survival respectively development of business subjects and the economy as a whole.
Core – 15	Human Resource Management	Learn fundamental HRM frameworks and analyze the overall role of HRM in business Improve their ability to think about how HRM should be used as a tool to execute strategies andachieve a competitive advantage
Core – 16	Entrepreneurship	Know the parameters to assess opportunities and constraints for new business ideas Understand the systematic process to select and screen a business idea
Major Elective – III	Marketing Research	 Acquaint students with the marketing research process Train students to use SPSS effectively





		SEMESTER III
Major	Measure and Integration	 1. Gain the knowledge of measure spaces and measure interruption 2. Understanding the concept oflesbeague measure desbeague integration and signed measure 3. 3. To provide the understanding of general measure spaces
Major	Topology I	 To distinguish space by means of Simple Topological invariants Gain the knowledge of constructing spaces by giving and to prove that in certain case, that the result is homeomorphic standard spaces.
Major	Advanced Algebra I	 To introduce some of the mostfundamental algebraic structureslike inner product space, Determinants, etc. The notion of Dual Spaces. The algebra of Linear transformations.
Major	Operations Research	To modify rual life intoStandard Mathematical Models To learn different optimizationtechniques. To know classification ofdifferent structured problems.
Major	Research Methodology	 To understand the Basicaspects in research To learn Mathematical and Statistical technique for research To acquire basic knowledge about various instruments and techniques in Mathematical research.
Major	Algebraic Number Theory	 To acquire knowledge about recent developments in Algebrahave its impact on Number Theory and Number Theory toohas its own contribution to the development of algebra. To understand and appreciatethe role played by Algebra in Number Theory
Major Elective	Calculus of Variations and Integral Equations	Basic knowledge in Elementary Matrix Theory, Quadratic forms, Coordinate Transformations Gain knowledge in maxima minima techniques and solution of certain types of Integral equations

	SEMESTER IV			
Major	Functional Analysis	To gain knowledge about Banach Spaces, Hilbert Spacesand Banach Algebra. To use algebraic structure in Analysis.		
Major	Complex Analysis	1.To gain advanced knowledge about Complex functions and Analytic functions as mappings 2.To understand the concept of Analyticity Conformality, Linear Transformation and Complex Integration.		
Major	Advanced Algebra II	 To gain knowledge in fields in the theory of numbers, the theory of equations and Galois theory. To understand the application of Galois theory in theory of equations and Geometry. 		
Major	Topology II	 To gain knowledge in separation axioms in Topological Spaces. To understanding the conceptsof Normal and Regular Spaces. 		
	Project	To provide training in scientificskills. To prepare students for professional training programme or entry level jobs in any area of Mathematics.		

ခုန်းျပည်သည်။ သေသ လေ့လက် ခုန်ရှင် လျှင်လက်ခဲ့သော မင် ထွေသက် ကိုခုန်ရှင်လည်း ရုန်သိမ် လွှေသင်လင်လာနှင့် ကို

:

M. Sc Mathematics

Major/ Major Elective	Programme Paper Title	Programme Outcome – Objectives
		SEMESTER I
Major	Algebra - I	1. To introduce the concept of Group, Rings and Fields.
		2. To study the concept ofhomomorphism.
Major	Analysis - I	1. To lay a good foundation for classical analysis.
	·	2. To studies the behavior of sequence and series.
Major	Analytic Number	1. To highlight the beauties in theworld of numbers
·	Theory	2. To prepare the students forcoding through congruences.
Major	Ordinary	1. To know the order and degreeof the ODE's.
	Differential	2. To identify some specificmethods and solve them.
	Equations	3. To make difference betweenODE and PDE.
		4. To solve some standardmethods.
		5. To know the concept of Laplace transforms and itsinverse with applications.
Major	Numerical	1. To introduce the finitedifferences
Elective	Analysis	2. To solve numerical problemsby different methods
		SEMESTER II
Major	Algebra - II	1. To facilitate a better understanding of vector space 2.To solve problems in
		matrices
Major	Analysis - II	1. To understand the real number of system and metric spaces
		2. To know the concepts of continuity and Riemann integrals
		3. To study the concept of connectedness and compactness
Major	Classical	
	Mechanics	
Major	Differential	
	Geometry	
Major	Graph Theory	1. To introduce the notion of graph theory and its applications
N. C	Partial	2. To learn the techniques of combinatorics in graph theory
Major Elective	Partial Differential	
FICCUVE	Equations	





Physics- Programme outcome

		SEMESTER I
Major Paper	Properties of matter and Acoustics	To identify the characteristics of matter in terms their properties and to know th basic principles of acoustics.
Major Paper	Mechanics and Relativity	An attempt is made to give a better insight of the change of position of any physical object
Practical	Core practical-I	or event and their consequences. To educate the students toacquire skill in physics Experiments.
Allied Paper	Algebra and	
- Timed Faper	Differential equations	 To learn the basic conceptsof Algebra To learn how to solvevarious orders of Differential equation.
General Paper	Environmental Studies	 The Multi disciplinary nature of environmental studies Natural Resources: Renewable and non-renewable resources Ecosystems Biodiversity and its conservation Environmental Pollution Social Issues and the Environment Human Population and the Environment
		Semester-II
Major Paper	Thermal Physics	To understand the phenomena connected with heat as radiation, conduction, different thermal capacities of substances and the converse process of making heat to do mechanical work.
Major Paper	Optics	To familiarize the fundamentallaws concerning reflection, refraction, interference, diffraction, polarization, spectrum and alliedphenomena.
Practical	Core practical-II	To enhance the knowledge inexperimental physics.
Allied Paper	Algebra and Differential equations-II	To slove I and II order differential equations and its application.
General Paper	Value based education	 Philosophy of Life and Social Values Human Rights and Organisations Human Rights Contemporary Challenges Yoga and Health Role of State Public ServiceCommission
		Semester-III
Major Paper	Electricity and Magnetism	This course provides an indepth coverage of behavior of stationary electric charges, electricity, magnetism and howthey are connected.
Allied Paper	Chemistry-I	 To understand the varioustheories of coordination chemistry. To study the variousconcepts of resonance and halogen compounds. To study the properties of aromatic compounds and organic reactions.
Skilled Based	Maintenance of electrical appliances	This course providesknowledge to repair the household appliances.
Non major Elective	Basic Physics-I	To know about the various types of units and obtain basicknowledge in Physics Non -Physics students.



Major Paper	Computer Programming in C++	The purpose of this course is to introduce students about the key implementation of C++ Language features and
Practical	Core practical-II	To enhance the knowledge inexperimental physics.
Allied Paper	Chemistry-II	 To learn the basics of nuclear chemistry and metallic bond. To understand the properties and applications of carbohydrates, amino acids and proteins. To study the basic concepts of polymers, heterocyclic compounds and Stereoisomerism.
Skilled Based	Maintenance of electrical appliances-	To understand the basicprinciples of common devices, measuring instrument and photography.
Non major Elective	Basic Physics-II	To Know the basic ideas about Nuclear Physics, Magnetic materials and number system.
		Semester-V
Major Paper	Basic Electorics	To study about various multivibrators and transistor circuits.
Major Paper	Solid state Physics	To know about types of solidstate system.
Major Based Elective	Specroscopy	Obtain the ideas aboutspectroscopy in electromagnetic radiation.
Major Based Elective	Communication Electronics	To p romote scientific temperamong students and upd ate the basic functioning of various communicationsystem.
Soft Skill Development	Personality Development	Today's world is all aboutrelationship, communication and presentingoneself, one's ideas and the company in the mostpositive and impact ful way. This course intends toenable students to achieve excellence in bothpersonal and professional life.
		Semester-IV
Major Paper	Digital Electronics	To obtain the workingprinciple of different digital devices.
Major Paper	Atmoic and Nuclear Physics	To emphasize theunderstanding of Atmoic and nuclear forces and models, elementary particles and Accelerators.
Major Paper	Quantum Mechanics	To understand the fundamental postulates and merits of Quantum Mechanics in explainsome physical phenomena.
Practical	Practical III	To promote scientific temperand to learn physical concepts through these experiments.
Practical	Practical IV	To provide an in-depthknowledge and skill in Electronics.
Practical	Practical V	To enhance the knowledge in C++ and Micro ProcessorProgramming
Major Based Elective	Energy Physics	To obtain knowledge aboutvarious types of energy sources.

M. Sc- Physics- Programme outcome

anguage/Majo r/Allied/ Non – Major Elective /Skill Based	Programme PaperTitle	Programme Outcome – Objectives
	L.	SEMESTER I
Major Paper	Classical mechanics	 To obtain the knowledge of various principle. To know about Phase space and degrees offreedom.
Major Paper	Mathamatical physics-I	To discuss about various Differential equation, its solution and their recurring Relation. Application of mathamatics to physical phenomina.
Major Paper	Solid state physics	To discuss about crystal andnoncrystal material. To obtain the ideas about Miller index.
Major Paper	Integrated Electronics	 To get the working principle of variousmultivibrator. To discuss about operational amplifier.
Major Paper	Nonlinear Dynamics	 To discuss about Nonlinearity, Linear andnonlinear oscillator. To know about Fractals and Solutions.
Practical	General Physics Experimets-I	To promote scientific temper and to learnphysical concepts through these experiments.
Practical	Electronics Experiments-I	To provide an in-depth knowledge and skillin Electronics.
		Semester-II
Major Paper	Mathamatical physics-II	 To obtain the knowledge of complexanalysis and group theory. To obtain the ideas of special function-II
Major Paper	Condensed Matter Physics	Discuss about crystallography and crystalbinding. Theory of free electron, band gap andsemiconductor crystal.
Major Paper	Microprocessor &Microcontroller	Introducing 8085 microprocessor and itsprogramming
Major Paper	Numerical Methods & C++ Program	To discuss about roots of equation and Eigen value problem. Numerical differentiation and integration.
Project	Field work	To visit the various industries and researchcentres and obtain knowledge.
Practical	General physics Experiment-II	To promote scientific temper and to learn physical concepts through these experiments.
Practical	Electronics Experiment-II	To provide an in-depth knowledge and skillin Electronics.
		Semester-III
Major Paper	Quantum mechanics-I	Fundamentals of quantum mechanics. To explain the theory of angularmomentum.
Major Paper	Electromagnetic Theory	To discuss about electrodynamics,magnatostatics and electrostatics. To understand electromagnetic radiation.
Major Paper	Statistical mechanics	 To explain quantum statistics and classical statistics. To discuss about Maxwell-Boltzmann and Fermi-Dirac statistics.
Major Paper	Research Methodology	To discuss about fundamentalsandformulation of research. The ideas of research design.



1. To promote scientific temper and to learnphysical concepts through these

	experiments-II	experiments.
		Semester-IV
Major Paper	Quantum Mechanics-II	 To discuss about Approximation methodsand scattering theory. To discuss about identical partical.
Major Paper	Spectroscopy	To discuss about various types of Spectroscopy.
Major Paper	Nuclear and partical physics	To discuss about Nuclear Force ,Decay andmodels.
Practical	General Physics Experiments-III	To promote scientific temper and to learn physical concepts through these experiments.
Practical	Microprocessor	To enhance the knowledge aboutprogramming in microprocessor and C++.
	C++program	

DEPARTMENT OF CHEMISRTY

Programme Outcome with Objectives

Language/Major/ Allied/ Non – MajorElective	Programme Paper Title	Programme Outcome – Objectives
/Skill Based		
Dascu		SEMESTER I
Major Paper	Inorganic Chemistry I	1. To study the atomic structure from wavemechanical concept 2. To know the arrangement of elements in the periodic table and the periodic properties. 3. To understand the different kinds of chemical forces in molecules. 4. To know the nature of compounds formed bys- and p-block elements.
Major Paper	Physical Chemistry-I	
Major Practical	Inorganic Quantitative Analysis -1	To enable the students to acquire the quantitative skills in volumetric analysis. At the end of the course, the students shouldbe able to plan experimental projects and execute them.
General Paper	Environmental Studies	 To know the natural resources and associated problem. To study the environmental pollution To understand the social issues and the environments
		II-SEMESTER
Major Paper	Inorganic Chemistry -II	 To know the basic principles of metallurgyand the chemistry of d- block elements To learn the chemistry of f-block elements. To understand the basic concepts of coordination chemistry and early theory To learn the basic analytical methods To study the chemistry of noble gases
Major Paper	Organic Chemistry – I	To learn the classification and nomenclature of organic compounds. To study the important organic reaction and mechanism
Major Practical	Inorganic Quantitative Analysis - II	 To enable the students to acquire the quantitative skills in volumetric analysis. At the end of the course, the students shouldbe able to plan experimental projects and execute them.
General Paper	Value Based Education	To know the social issues and problems
		III-SEMESTER
Major Paper	Organic Chemistry-	 To learn the structure and reactivity ofcarbonyl compounds. To study about carboxylic acid To study about organometallic compoundsand organo sulphur compounds
Major Practical	Inorganic Qualitative Analysis	1. To enable the students to understand various procedures in salt analysis. 2. To create an awareness on ecofriendly approach in salt analysis.
Allied	Allied Chemistry I	 To learn about atomic structure and bonding. To learn the principles of reactions oforganic compounds. To study about photochemical reactions. To learn about the importance of polymersand polymer science. To study about lubricants and some cosmetics in the modern world alter.
Allied	Allied	5. To study about lubricants and some cosmetics in the modern world. To enable the students to acquire the

Ariyakulam, Maharajanagar (RO) TIRUNELVELI 627 011

* TIMUNELVELI-621 OIL

Practical -II	Chemistry Practical- I	quantitative skills in volumetric analysis. Acidimetry and alkalimetry
Non-Major	Water Management	 To realize the importance of quality water inday to day life. To study the different types of waterpollutants. To study the water quality parameters To learn the techniques of waste watertreatment and water purification.
Skill based Subject	Agrochemistry	 To study the preparation of differentfertilizers To learn the importance of pesticides To study about the classification and components of soil
General Paper	Yoga	Prevention of health problems and rehabilitation through Yoga Promotingpositive health Promoting total personality development of students in Colleges and Universities Invoke positive attitude and spirit to channelize their energies in to creative and constructive endeavours.
	3	IV-SEMESTER
Major Paper	Physical Chemistry	1.To learn about the fundamental concepts of
	- II	first law of thermodynamics, to relate heat, work
		and energy and to calculate work from pressure –volume relationships. 2. To understand the chemical equilibrium.3.To understand the basic concept of electrochemistry. 4.To study solutions.
Major Practical	Inorganic Preparations & Determination of Physical Constants	To make the students thorough in inorganic complex preparations
Allied	Allied Chemistry -	 To learn the chemistry of basic aromaticcompounds. To understand the nuclear particles and fewnuclear reactions To know about carbohydrates, amino acids, proteins and nucleic acid. To study about fuels, fertilizers, cement andglass. To know about some common diseases andthe drugs used.
Allied Practical -II	Inorganic Qualitative Analysis	1. To enable the students to understand variousprocedures in salt analysis.2. To create an awareness on ecofriendlyapproach in salt analysis
Non-Major	Applied Chemistry	To acquire knowledge about the chemicals used in day to day life
Skill based Subject	Chemistry in Medicine	1. To have knowledge of first aid and theimportant rules. 2. To know the common chemicals in medicineTo have awareness of common diseases 3. To learn the diagnostic tests and to know theimportance of vitamins.
General Paper	Computer for digital Era	 To create the awareness about the digitalIndia among the student community. To make the student to understand the role of computer in the day to day living. To create the awareness about the e-learning and security issues.
		V-SEMESTER
Major Paper	Organic Chemistry-	1. To learn about stereochemistry2. To understand aromaticity3. To study dyes
Major Paper	Physical chemistry-II	1.To learn about thermodynamics, electrochemistry and surface chemistry2.To understand group theory and Spectrochemistry



<u>PROGRAMME OUTCOMES (UG & PG)</u>

<u>UG</u>

SEMESTER I

Language/Major/A llied/ Non – MajorElective /Skill Based	Programme Paper Title	Programme Outcome - Objectives
MAJOR	PROGRAMMING IN C	To obtain knowledge about the structure of the programming language C and to develop the program writing and logical thinking skill
	PROGRAMMING IN C LAB	To develop skills in implementing algorithms through the programming Language C and to explore the features of C by applying sample problems.
ALLIED	DISCRETE MATHEMATICS	To apply basic concepts forclear understanding ofmathematical principles and to solve practical problems
ALLIED PRACTICAL	COMPUTER BASICS	To develop skills in implementing algorithms through the programming Language C and to explore the features of C by applying sample problems.
COMMON	ENVIRONMENT ALSCIENCE	To understand the concepts of multidisciplinary nature of environmental studies, pollution, ecosystem, social issues and biodiversity.
MAJOR	PROGRAMMING IN C++	To gain the basic knowledge of object oriented programming concepts and to understand the detail idea of C++streams, Inheritance, Overloading of operators, functions, constructors, File Handling and templates concepts of C++ programming.
MAJOR PRACTICAL	ROGRAMMING IN C++ LAB	To gain knowledge about the object oriented programming concepts and C++ streams, Inheritance, Overloading of operators, sfunctions, constructors. File Handling and templates concepts of C++ programming by implementing sample programs.
ALLIED	DIGITAL DESIGN	To understand the concept of digital systems, to operate on various number systems and simplify Boolean functions and to distinguish logical and combinational circuits.
ALLIED PRACTICAL	LINUX	To understand and make effective use of Linux utilities and Shell scripting language to solve problems.
COMMON	VALUE BASED EDUCATION	To enable the students to understand the social realities and to inculcate an essential value system towards building a health society.
MAJOR	JAVA PROGRAMMING	To understand the basic programming constructs of Java Language and to explore the features of Java by applying to solve problems.
MAJOR	COMPUTER ARCHITECTURE	To gain knowledge about the architecture of computer and to understand the concepts of CPU, ALU Design, I/O Instruction format and different processors
	DATA	To understand the concepts ofbasic data structures such as stack, queues and linked list.

Major Elective	Polymer Chemistry	1. To know the concept of polymerization andtypes of polymers
-1		2. To understand the characteristics of polymers
		3. To acquire knowledge about the polymerization techniques and polymer
		processing
		4. To know the chemistry of individual polymers 5. To have an idea about the recent advances in polymer sciences
Major Elective	Analytical Chemistry	To know the importance of analytical chemistry
-11	,	and to study about the different types of analytical techniques
General Paper	Personality Development	
Major Practical	Organic Analysis	1. To enable the students to understand the various procedures in organic
		analysis
		2.To create an awareness on micro scale experiments in organic chemistry practicals
Major Practical	Physical Chemistry	To enable the students to understand the principles of physical chemistry experiments
	Experiments	
		VI-SEMESTER
Major Paper	Inorganic Chemistry	1.To study the theories in coordination chemistry 2.To study the chemistry of
	Ш	metalcarbonyls
		3.To understand the role of metal ions inbiological systems
		3.To study the basic principles of photoinorganic chemistry
Major Paper	Organic Chemistry -	1.To learn about natural products
	IV	2. To understand chemistry of aromaticcompounds
		3. To study spectroscopy
Major Paper	Physical chemistry	1.To learn about basic concepts in spectroscopy
	-IV	2.To understand chemical equilibrium and phase equilibrium
M = Fl = i	N' Cl	3.To study nano chemistry
Major Elective-	Nano Chemistry	1. To give an insight into the basics ofnanochemistry. 2. To understand the difference between bulkmaterial and nanomaterial and
I		learn the synthesis, application and fabrication of nanostructure.
		3. To study the importance of nanocatalyst,nanocomposites and fibers.
		4. To make the students familiar with thecharacterization and applications
		of nanomaterials.
Major Practical	Gravimetric	1.To enable the students to understand the various techniques in gravimetric
	Estimation &	estimations
	Organic Preparation	2.To make the students thorough in inorganic complex preparations
Group Project	Major Project	Identify the potential areas of research in his herfield: Collect data from various sources in bulble of the second of
		Collect data from various sources including the internet, analyze them, make new corrections and link them to life
		3. Read and write originally and usefully.
		and abotally.





MAJOR	SOFTWARE ENGINEERING AND TESTING	1.To understand the concepts of analysis, design and implementation of a software product. 2.To have generalunderstanding about object- oriented software engineering.
MAJOR	DATA COMMUNICATIO N AND COMPUTER NETWORK	1. To understand the concepts ofdata communication.2. To get through understanding of different topologies.
MAJOR	DOT NET TECHNOLOGIES	1.To highlight the features of ASP.NET and apply it to develop various applications.2. To understand the concepts of .Net framework as a whole and the technologies that constitutes the frame work.
ELECTIVE	MULTIMEDIA APPLICATIONS	1. To have general understanding aboutultimedia. Tomake the students understand the elements of multimedia
MAJOR PRACTICAL I	DOT NET	Learn to program in Dot Net and to develop web pages usingASP.NET
MAJOR PRACTICAL II	DATA STRUCTURES	To develop skills inimplementing data structure Algorithms
MAJOR	MINI PROJECT	To develop applications in PHP using various concepts like arrays, udf's. Sessions andmake the students to understandand to establish the connectivity between PHP and MySQL and develop programs to add records, retrieve records and delete records from a table.
		SEMESTER VI
MAJOR	OPERATING SYSTEM	1.To acquire the fundamental knowledge of the operating system architecture and components and to know the various operations performed by the operating system. 2. Understand the basic workingprocess of an operating system and importance of process scheduling.
MAJOR	COsMPUTER GRAPHICSAND VISUALIZATION	To develop skills and knowledge about computergraphics and Visualization and to understand 2D, 3D transformations.
MAJOR	DATA WARE HOUSINGAND DATA MINING	1.To understand and implement classical models and algorithms in data warehousing and data mining2. To analyze the data, identify the problems, and choose the relevant models and algorithms to apply.
ELECTIVE	INTERNET OF THINGS	1.Learn how the Internet of Things (IOT) has the potential to alleviate some of the world's most significant problems.2. To learn IOT technology and architecture.
MAJOR PRACTICAL I	ORACLE	1.To acquire skills in SQL statements with various constructs 2. To acquire skills in PL/SQL Programming
MAJOR PRACTICAL II	ANDROID PROGRAMMING	1. To acquire skills in Android Studio2. To acquire skills in mobile Programming



MAJOR	STRUCTURES	To have general understanding of the network structures through trees and graph. To make the students to understand the basic algorithms for sorting.
ALLIED	WEB TECHNOLOGY	To impart knowledge about theweb technologies and their applications and to understandthe basics of web designing
SKILL BASED	PROGRAMMING WITHPHP & MySQL	To understand the concepts of open sources. To learn and use open sourcedatabase management system MySQL. To create dynamic web pagesand websites. To connect web pages withdatabase.

COMMON	YOGA	Prevention of health problems and rehabilitation through Yoga. Invoke positive attitude and spirit to channelize their energies in to creative and constructive endeavours	
MAJOR PRACTICAL	JAVA PROGRAMMING LAB	To develop skills in implementing algorithms through the programming Language JAVA and to explore the features of JAVA by applying sample problems	
ALLIED PRACTICAL	WEB DESIGN USINGHTML	To highlight the basic concepts of HTML and help the student to equip with the programming skills in implementing anddeveloping web based applications	
NME	BASIC PROGRAMMING DESIGN	To study the basic concepts of Programming and understand the structures of programming constructs.	
MAJOR	VISUAL BASIC	Visual Basic Programming introduces event-driven Windows Programming, data types, operators, objects and properties, menus, procedures, control structures, and database file processing.	
MAJOR	INFORMATION SECURITY	Information security focuses on the overview of information security, the tools and techniques used to secure information and the procedures and practices that must be followed by organizations to ensure information security.	
MAJOR	RELATIONAL DATABASE MANAGEMENT SYSTEM	To learn the fundamental data models and conceptualize and depict a database system using ER diagram. To make a study of SQL and relational database design usingOracle.	
ALLIED	E-COMMERCE	To impart knowledge about theweb technologies and their application and to understandthe basics of web designing.	
SKILL BASED	ANDROID PROGRAMMING	To learn the fundamentals of Android Programming using Android SDK.	
COMMON	COMPUTER FOR DIGITAL ERA	1. To create the awareness about the digital India among the student community. 2. To create the awareness about the e-learning and security issues.	
MAJOR PRACTICAL	VISUAL BASIC	To highlight the basic concepts of HTML and help the student to equip with the programming skills in implementing anddeveloping web based Applications	
ALLIED PRACTICAL	PYTHON	Learn to program in Python and understand programming paradigms brought in by Python Expressions.	
NME	HTML	1. To study the basic concepts of Web design using HTML. 2. To learn the various tags used in HTML	

PRINCIPAL
SRI SARADA COLLEGE FOR WOMEN

(Autonomous) TIRUNELVELI - 627 011



<u>PG</u> semester i

MAJOR/ALLI ED/N ME/SKILL BASED	PROGRAMME PAPERTITLE	PROGRAME OUTCOMES-OBJECTIVES	
MAJOR	DIGITAL AND ANALYSISOF ALGORITHMS	1.To understand the conceptsof algorithms 2.To have general understand of the network structuresthrough trees and graphs	
MAJOR	ADVANCED JAVA PROGRAMMING	1. To understand the basic programming constructs of Java language 2. To explore the features of Java by applying to solveproblems.	
MAJOR	OBJECT ORIENTED SYSTEMS DEVELOPMENT	1. To understand the objectoriented methodology and analysis. 2. To explore the features of software quality assurance.	
MAJOR	DISTRIBUTED COMPUTING	1. To understand the types of networks, message passing, Synchronization. 2. To learn distributed file systems and processmigration.	
MAJOR	MATHEMATICAL FOUNDATION FOR COMPUTER SCIENCE	To apply basic concepts for clear understanding of mathematical logic, set theory, matrices, graph theory and to solve practical problems	
MAJOR PRACTICAL I	ALGORITHM LAB USING C++	To understand the basic structure of C++ and to implement the stack, queue.prim's, kruskal's algorithm.	
MAJOR PRACTICAL II	ADVANCED JAVA LAB	1. To learn JDBC and implement insert, fetch and update the records. 2. To implement inheritance, interface and packages.	

Semester II

		1.To understand ASP.NETapplications, validations.
MAJOR	WEB APPLICATION DEVELOPMENT	2. To gain the knowledge of intrinsic objects ,Rich controlsand template controls.
		1.To learn Unix and LinuxGUI
MAJOR	OPEN SOURCE TECHNOLOGY	2. To understand the files,PHP/SQL functions and queries.
MAJOR	ADVANCED DATABASE MANAGEMENT SYSTEM	1.To learn the fundamental data models and conceptualize and depict the database systemusing ER diagram. 2.To make a study of SQL and relational database designusing oracle
MAJOR	SECURITY IN	1. To understand the conceptof security in databases and network (AUTONOMO 2. To learn program security and cryptography.



1. To understand and implement models and algorithms in data mining.

ELECTIVE	DATA MINING	2. To 7 nalyse the data, identify the problems and choose the relevant models and algorithms to apply.
MAJOR PRACTICAL I	WEB APPLICATION LAB	1.To understand the basic structure of Net and to implement the query string, cookies, controls. 2.To store the data's in MSAccess.
MAJOR PRACTICAL II	OPEN SOURCE LAB	 To understand the basic structure of Linux and PHP. To implement the database hiding, create and read directory, linux commands

Semester III

MAJOR	DIGITAL IMAGE PROCESSING	1. To understand the broad base of theoretical concepts ofimage. 2. To implement the concepts with the state of art of image processing using MATLAB.	
MAJOR	SOFT COMPUTING	1. To explore the benefitscomputing methodologies likeneural networks, fuzzy logic and genetic algorithm. 2. To enable the students to develop hybrid systems for the industrial problems.	
MAJOR	SOFTWARE TESTING	1.To enable a clearunderstanding about software tester. 2.To apply software testing knowledge and engineering concepts to detect errors in the software.	
MAJOR	RESEARCH METHODOLOGY	To enable the students toknow about the informationneeds of the research domain. To introduce the concept ofscientific research and the methods of conducting scientific enquiry.	
ELECTIVE	BIG DATA ANALYSTICS	1. To understand the fundamental concepts of bigdata analytics. 2. To explore the knowledge about big data computing and data mining, Data integration and extraction.	
MAJOR PRACTICAL I	IMAGE PROCESSING USING MATLAB	To understand the basic structure of MATLAB and to implement the image processing concepts	
MAJOR	MINI PROJECT		
	IV SEMESTER		
MAJOR	MAJOR PROJECT		



	SEMESTER	Ш
Major Paper Core 3	Java Programming	To understand the basic concepts of Object Oriented Programmu with Java Language
Core 4	Essentials of Financial Accounting	 To enable learners understand the fundamental concepts of Accounting To give them a basic knowledge of accounting principles To facilitate them to prepare final Accounts of businessand non-trading concerns.
Major Practical- III	Java Programming Lab (p)	To Impart Practical Training in Java Programming Language
Allied - III	Data Structures	 Ability to analyze algorithms and algorithm correctness. Ability to summarize searching and sorting techniques
	e ² c	3. Ability to describe stack, queue and linkedlist operation.4. Ability to have knowledge of tree and graphs concepts.
Allied Practical -III	Data Structures Lab	 To access how the choices of data structure & algorithm methods impact the performance of program. To solve problems based upon different data structure & als write programs. Choose an appropriate data structure for a particular problem.
Skill Based Subject -I	Programming with PHP & MySql	 To understand the concepts of Open sources. To learn and use Open source database management sys MySQL. To create dynamic web pages and web sites. To connect webpages with databases.
	SEMESTER	IV
Core -5	Visual Basic	To provides the skills and knowledge required to useessential features and capabilities of Visual BASIC
Major Practical -IV	Visual Basic Lab	To Impart Practical Training in Visual Basic
Allied -IV	Accounting Software-Tally	This course is designed to impart knowledge regardingconcepts of financial accounting
Skill based Subject II	Microprocessor	To Understand and device techniques for faster execution of instructions, improve speed of operations and enhance performance of microprocessors To Distinguish between RISC and CISC processors. To Understand multi core processor and its advantages
Practical –IV	Data Structure Lab	Students will be able to select appropriate design techniques t solve real world problems.
Allied practical IV	Tally Lab	Tally is an accounting package which is used for learning to maintain accounts.

B.C.A. - Programme Outcome with Objectives

Language/Major/Allied/ Non – Major Elective /Skill Based	Programme Paper Title	Programme Outcome – Objectives
	SEMEST	ERI
Major Paper Part-III	Programming in C	To impart basic knowledge of Programming Skills in C in language.
Major Paper Part-III	Programming in C Lab	To Impart Practical Training in C Programming Language.
Allied paper	Digital Design	To acquire the basic knowledge of digital logic levels and application of knowledge to understand digital electronics circuits To prepare students to perform the analysis and design of various digital electronic circuits.
Part IV	Environmental Studies	 able to recognize the physical, chemical, and biological components of the earth's systems and how they function to understand probabilistic aspects of human interactions with the environment. do independent research on human interactions with the environment. Role of State Public Service Commission
	SEMESTE	RII
Major Paper	Object Oriented Programmingin C++	 To learn the characteristics of an object-oriented programming language: data abstraction and information hiding, inheritance, and dynamic binding of the messages to the methods. To learn the basic principles of object-oriented design and software engineering in terms of software reuse and managing complexity . 3. To enhance problem solving and programming skills in C++with extensive programming projects.
Major Paper	Programming in C++ Lab	To Impart Practical Training in C++ Programming Language
Allied Subject -II Theory	Mathematical Foundation forComputer Science	To understand discrete mathematical preliminaries To apply discrete mathematics in formal representation of various computing constructs To recognize the importance of analytical problem solving approach in engineering problems
Allied paper - II Practical	Office Automation Lab	1. To use menus, shortcuts and other accessories in OS, to manage files in OS 2. Learn to create a document and apply various manipulation techniques on that document 3. Learn the basics of Spreadsheets 4. Learn how to create PowerPoint, apply styles, aesthetics effects on it
Part -IV	Value Based Education	 To develop a positive and responsible attitude to their own well-being Developing respect for the rights of other people Developing care and concern for their community and environment Developing a sense of social justice



Sri Sarada College for Women, Tirunelveli-11 Department of Information Technology

Language/Major/Allied/ Non – Major Elective /Skill Based	Programme PaperTitle	Programme Outcome - Objectives
, cam buota	Seme	ester-I
Major –I	Introduction to Information Technology andHtml	 Recognize the components of an HTMLfile and create such a file. Link to local files and web pages from theirweb pages. Add graphics and sound to their web pagesusing HTML. Evaluate web page design and considerdesign issues that affect web pages. Add links to sites from their web pages. Outcome: Tailor web design and development to interlink Environment
Major Practical -1	HTML Lab	 Insert a graphic within a web page. Create a link within a web page. Create a table within a web page. Insert heading levels within a web page. Insert ordered and un ordered lists within aweb page. Create a web page.
Allied –l	Office Automation	 Give students an in-depth understanding of why computers are essential components inbusiness, education and society. Introduce the fundamentals of computing devices and reinforce computer vocabulary, particularly with respect to personal use of computer hardware and software, the Internet, networking and mobilecomputing. Provide hands-on use of Microsoft Office 2013 applications Word, Excel, Access and PowerPoint. Completion of the assignments will result in MS Office applications knowledge and skills. Outcome: Describe the usage of computers and why computers are essential
Allied Practical -I	Word & SpreadSheet Lab	 Office tools course would enable the students in crafting professional word documents; excel spread sheets using the Microsoft suite of office tools. To familiarize the students in preparation of documents and excel sheet with office automation tools. Course Outcomes: By learning the course, the students will be able to perform documentation to perform accounting operations
	Semester-II	to perform accounting operations
Major-II	Fundamentals of Computer and Programming in C	The course is designed to provide completeknowledge of C language.

SEMESTER V

Major Based Elective - III		To Understand the basic physical and technical settings functioning of mobile communications systems
Major Practical -6	Graphics & Multimedia Lab Mobile Communication	Understand the basic concepts of computer graphics. Understand the concepts of different type of geometric transformation of objects in 2D and 3D.
Core -12	Software Testing	Have basic understanding and knowledge of contemporary issues in software testing, such ascomponent-based software testing problems Have an ability to use software testing methods and modernsoftware testing tools for their testing projects.
Major Paper Core -11	Graphics & Multimedia	Students should be able to explain, discuss and solve simple problems in the basic representation and handling of multimedia and the basic components of a 3D environments.
Major Paper Core 10	Computer Networks	Familiarity with the basic protocols of computer networks, and how they can be used to assist in network design and implementation.
Core -9	Operating System	Students demonstrate an ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired Needs
	SEMESTE	ER VI
Skill Based Subject (Common)	Personality Development	Develop and nurture a deep understanding of personal motivation. Develop an understanding of and practice personal and professional responsibility.
Major Elective -II	Data Mining	Learning how to produce a quantitative analysis report/memo with the necessary information to make decisions. Describing and demonstrating basic data mining algorithms, methods, and tools
Major Practical V	RDBMS-Lab	Declare and enforce integrity constraints on a data base using a state-of-the- art RDBMS Design and implement a database schema for agiven problem-domain
Core 8	RDBMS	To describe data models and schemas in DBMS To understand the features of database management systems and Relational database. To use SQL- the standard language of relational databases.
Core 7	Web Technology	Students will be able to write a server side java application called Servlet to catch form data sent from client, process it and store it on database. Students will be able to write a server side java application called JSP to catch form data sent from client and store it on database.
Core 6	Software Engineering	Students able to apply knowledge of mathematics, science, and engineering. Able to design and conduct experiments, as well as to analyze and interpret data. Able ability to work in one or more significant application domains.





Major-IV	Object Oriented Programming WithC++	 C++ Programming by examples can be used as an alternative approach to learn the language, by putting practice overtheory.
		 In any case this will require you to have greater level of expertise. You will need to understand how C++ files are organized, have and know how to operate a compiler and understand some nuances that will not be visible in code.
		• To understand that you will be able to read and program in C++, to some degree but to get to really understand the language, theory, not only practice, is required. Use the primary book as a reference anytimeyou have a doubt.
		• Outcome : students will be able to write programme in C++
Major Practical-IV	Object Oriented Programming WithC++ Lab	 Be able to explain the difference between object oriented programming and procedural programming.
		 Be able to program using more advanced C++ features such as composition of objects, operator overloads, dynamic memory allocation, inheritance and polymorphism, file I/O, exception handling, etc.
		 Be able to build C++ classes using appropriate encapsulation and design principles.
Allied-III	Data Structure	 To enable the student to understand the concepts of data structure such as arrays, stacks, queues, linked lists, trees and graphs.
		 It also explains the different sorting andsearching methods.
		 Outcome: Skills in linked list, stacks, search sorting
		are obtained.
Allied Practical-III	Data Structure Lab	 At the end of this lab session, the studentwill
		 Be able to design and analyse the time andspace efficiency of the data structure
		 Be capable to identity the appropriate datastructure for given problem
		 Have practical knowledge on theapplications of data structures
Skill Based Subject-I	DTP	 Skilled Based Subjects are Practicaloriented. Two hours should be assigned for tutorial class and four hours of practical to do the given practical list. Sample should be provided to the students for designing the given list. Outcome: Skills in page maker, Photoshop,& CorelDraw
31 - 37 1 - F1 - 1 - 1	Introduction to	are developed.
Non Major Elective -I	Information Technology	 To discuss the basic structure and operation of a digital computer and to discuss in detail the operation of the arithmetic unit including the algorithms.
		 To study the memory system including Cache memories and to study different way of communicating with I/O devices and also scripting languages.
\$100 W 70	1	







S Angendante (FG) X (SG) X (SG	OR WOMEN	PRINCIPAL PRINCIPAL SRI SARADA COLLEGE FOR WOMEN (Autonomous) TIRUNELVELI - 627 011
NO AL MANON AND SELECTION OF SE	3	J. Swe J.
 To learn about information technology To know about AMPS,PCS,CDMI andMMDS Outcome: Knowledge in Frequency spectrum, CDMA, TDMA, Wireless LANare acquired 	Principles of Information Technology	Major III
	Semester -III	
ng tables, queries,		
MS		
Create a presentation in Microsoft Power Point that is interactive and legiblecontent		
To perform presentation skills	PowerPoint & Database lab	Allied Practical-II
To develop skill to build, and troubleshoot digital circuits		
timing problems in a digital design.		
 The ability to identify and prevent various hazards and 		
enough knowledge		
Outcomes After studying this course the students would gain		
 To prepare students to perform the analysis and design of 		
circuits.		
application of knowledge to understand digital electronics		
To acquire the basic knowledge of digital logic levels and	Digital Design	Allied - II
To write diversified solutions using Clanguage		
To do programming in C language		
able to Know concepts in problem solving		
skills and use the same for writingprograms in C.		
be able to enhance their analysing and problem solving		
field of programming using C language. The students will		,
The purpose of this course is to introduce to students to the	Programming in CLab	Major Practical-II
 Learning Outcomes: After the completion of this course, the students will be able to develop applications. 		
switch over to any other language in future.		
iey :		
them to create programs, applications in C. Also by		

Students will be able to develop logics which will help

		Outcome: Obtain knowledge in Computer storage, I/O media, & Internet
	Semester	r-IV
Major -V	Java Programming	 To enable the students to design and develop enterprise strength distributed and multi-tier applications using Java Technology To enable the students to learn advanced Java Programming concepts like interface, threads, applets etc, and to develop network programs in Java
		Outcome: Basic ideas of JAVA programming will be obtained
Major –IV	Java ProgrammingLab	 To build software development skills using java programming for real world applications. To implement frontend and backend of an application To implement classical problems using java programming.
Major-VI	Operating System	To have a thorough knowledge of processes, scheduling concepts, memory management, I/O and file management systems in an operating system.
		 To learn about UNIX and Linux operating system. Outcome: Students will obtain knowledge in information, memory, & interprocess communication management of operating system.
Allied -IV	Operation ResearchAnd Numerical Analysis	To know about transportation and assignment problems in OperationResearch To solve sequencing problem and simultaneous equations. Outcome:Students will able to solve Transportation Problem, Assignment Problem, & Sequencing Problem.
Allied Practical-IV	Linux Lab	 Understanding the basic set of commandsand utilities in Linux/UNIX systems. To learn the C language and get experienceprogramming in C. To learn the important Linux/UNIX library
Skill Based Subject -2	Animation Applications	functions and system calls. Skilled Based Subjects are Practicaloriented. Two hours should be assigned for tutorial class and three hours of practical to do the given practical list. Sample should be provided to the students for designing the given list.
Non Major Elective -II	Basic ProgramDesign	Outcome: Flash & Dreamweaver skills will be acquired. To discuss the basic programming Language and Debugging. To state the least trivial and the least trivial and the least trivial and the least trivial and triv
1.0		To study the multidimensional arrays. Outcome: Students will execute leave these allowithers.
	V	Outcome: Students will acquire knowledgein algorithms,





		flowchart & arrays.
	Semester –V	
Major VII	Relational Database Management System	 The area of relational database management system is crowded with a vast number of quality products. This paper aims to provide the students a strong foundation
		in database technologyand to learn the fundamentals of data models to make a study of SQL and relational database design Outcome:Knowledge about designRDBMS, SQL, PL SQL
		will be obtained.
Major Practical -V	Relational Database	Preparation of background materials and
angor ractical sy	Management System	documentation needed for TechnicalSupport using SQL and PL/SQL.
		 Use the Relational model and how it issupported by SQL and PL/SQL.
		 Use the PL/SQL code constructs of IF- THEN-ELSE and LOOP types as well assyntax and command functions.
		 Solve Database problems using Oracle 9i SQL and PL/SQL. This will include the useof Procedures. Functions. Packages, and Triggers.
Major-VIII	Software Engineering	To learn the methodologies involved in the development and maintenance of software over its entire life cycle
		 To understand the concepts of modeling, implementation and various testing strategies and the use of CASE Tools.
		Outcome: obtain knowledge in software development
	NE L L L L L L	process, testing & maintenance as well as CASE Tools.
Major-IX	Wireless ApplicationProtocol	To study about WAP architecture.
		To learn about WAP gateways.
		To know about WML decks.
		Outcome: Students will obtain ideas aboutWAP application, gateways &WML.
Major Elective -I	Management Information Technology	To develop and implement managementInformation Systems in order to deliver cost effective Information and Communication Technology(ICT) solutions that strengthen the efficiency business processes, introduce better controls, greater accountability and improved decision making
		Outcome: Skills in MIS application will beimproved
	Data Communicationand	ter –VI
Major-X	Network	 To learn the concepts, terminologies and technologies used in modern days data communication and computer networking.
		To understand the functions of different networking layers.
		To make the students to get familiarized with different protocols and network components.
		Outcome: Students are obtained skills in different

		networking layers, protocols &components while data communication.
Major -XI	Multimedia	 To impart the fundamental concepts of multimedia. To study the graphics techniques and algorithms, multimedia concepts.
		 To enable the students to develop their reativity. Outcome: Basic ideas of images, audio, video & animation are obtained.
Major-XII	.Net Programming	 The objective of this course is to teach the design of web application for the students who already have mastered the fundamentals of the language.
		Students will learn to build and test larger projects using procedures, objects, debugging tools and data files.
		Outcome: Students can develop programme in .NET application, HTML,XML&ADO access.
Major Practical -VI	.Net ProgrammingLab	Set up a programming environment for ASP.net programs.
		Configure an asp.net application.
		Creating ASP.Net applications using standard .net controls.
		Develop a data driven web application.
		Connecting to data sources and managingthem.
		Maintain session and controls related information for user used in multi-user web applications
Major Elective -II	Web Programming	 To learn the concepts, terminologies and technologies used in web programming.
		To know about the functions of XHTML.
,		 To make the students to get familiarized with java script & server side programming.
		 Outcome: Basic ideas in XHTML, java script, server & client side web programme will be developed.

ll s

Sri Sarada College for Women, Tirunelveli

PRINCIPAL
SRI SARADA COLLEGE FOR WOMEN
(Autonomous)
TIRUNELVELI - 627 011

Department of Commerce



Language/Major/Allied/ Non – Major Elective /Skill Based	Paper Title	Outcome - Objectives
Major	Financial Accounting-I	To acquire conceptual knowledge of Financial Accounting
Major	Business Organisation	To Understand business and its role in society
Allied	Business Economics	To identify the role of supply anddemand in a market economy
Common Skill Based	Environmental Studies	
Major	Financial Accounting-II	To enhance critical and analytical approach to different types of accounting
Major	Principles of Management	To familiarize the students withconcepts and principles of management
Allied	Marketing	To understand the basic marketing concepts
Common Skill Based	Value Based Education	
Major	Advanced Financial Accounting-I	To know the concepts of different accounting treatment in businessorganisations
Major	Business Statistics	To provide the basic knowledge of statistical techniques as areapplicable to business
Major	Banking	To create an idea of modern banking
Major	Human Resource Management	To study the importance of human resource
Allied	Company Organisation	To enable the students to learn about the functioning of a company
NME	Introduction to Accountancy	To enable the students to prepare and provide accounting information to the interested parties
Common Skill Based	YOGA	
Skill Based	Business Communication	To make them use electronic mediafor business communication
Major	Advanced Financial Accounting-II	To understand the nature and systemof accounting followed in partnership firms
Major	Business Mathematics	To provide basic knowledge ofmathematical techniques as are applicable to business
Major	Capital Market	To understand the meaning and importance of financial and capital market

1878年 (共一) 1989年 1997年 - 199

Major	Import & Export Procedures	To identify the procedure regardingimport and export business	
Alhed	Computer Application in Business	To know the applications of ecommerce and online trading	
NME	Financial Accounting	To explain the concept and role of accounting and financial reporting in the modern marketing economy	
Common Skill Based	Computer for Digital Era		
Skill Based	Entrepreneurship Development	To develop and strengthen the entrepreneurial quality among the students	
Major	Corporate Accounting-I	To study the issue, allotment and forfeiture of shares of the companies	
Major	Cost Accounting	To acquire the basic knowledge of cost in business concerns	
Major	Business Law	To understand the scope andboundaries of business law	
Major	Research Methodology	To understand the basic concepts of research and its methodologies	
Major Elective	Income Tax Law & Practice- I	To understand the basic concepts of Income Tax	
Common Skill Based	Personality Development		
Major	Mini Project	To enable the students to apply their conceptual knowledge in a practical Situation	
Major	Corporate Accounting-II	To know the preparation of liquidator's final statement of accounts	
Major	Management Accounting	To familiarize the students with basic management accounting concepts	
Major	Industrial Law	To acquaint knowledge of industrial relations framework in our country	
Major	Auditing	To know the importance of audit incommercial and non commercial organisations	
Major Elective	Income Tax Law & Practice-	To know the procedures for the assessment and types of assessment	
Major	Major Project	To impart knowledge and developunderstanding of research methodology and its applications	





PG AND RESEARCH DEPARTMENT OF COMMERCE

Semester I

Language/Major/Allied/ Non – Major Elective /Skill Based	ProgrammePaper Title	Programme Outcome – Objectives
Major 1	Finacial accounting I	 To acquire conceptual knowledge of financial accounting. To impart skillsfor recording variouskinds of business transactions.
Major 2	Business organization	 To understand business and its role insociety. To enable the student to undertake business activities.
Allied	Company law 1	 To know the rules and regulations of the company creations. To understand the memorandum of association and articles of association.
Common for allFirst Years	Environmentalstudies	

Semester III

Language/Major/Allied/ Non – Major Elective /Skill Based	ProgrammePaper Title	Programme Outcome – Objectives
Major 5	Advanced financial accounting I	 To know the system of accounting followed in branches and departments ofbusiness organization. To know the pattern of recording transactions in hire purchases and installment purchase systems.
Major 6	Business statistics	 To provide the basic knowledge of statistical techniques as are applicable tobusiness. To enable the students to apply statisticaltechniques for qualification of data in business.
Major 7	Banking	 To create an idea of modern banking. To familiarize the students with thebanking activities.
Major.8	Human resourcesmanagement	 To study about the importance of humanresource. To study the techniques of performanceappraisal employees.
Allied 3	Company secretarial practice.	 To know complete details of the secretaryand secretarial practice in various areas. To understand the meeting and windingup procedures.
Non Major Elective	Consumerawareness	 To create awareness regarding the intellectual property rights and consumerprotection. To explain the students about a betterquality of living as consumers.
Skill Based 1	Business communication	1. To equip the students effectively to acquire skills in

		2.	reading, writing, comprehension and communication. To make them use electronic media forbusiness
			communication.
Common for HY ears	Yoga	1.	Prevention of health problems andrehabilitation through
			yoga.
		2.	Promoting positive health.

Semester V

Language/Major/Allied/ Non – Major Elective /Skill Based	ProgrammePaper Title	Programme Outcome – Objectives
Major 13	Corporate accounting l	To study the issue, allotment andforfeiture of shares of companies To prepare final accounts according tocompanies Act,2013.
Major 14	Cost accounting	To acquire the basic knowledge of cost inbusiness concerns. To understand the techniques of cost control.
Major 15	Business law	 To understand the definition of businesslaw. To study the scope and boundaries ofbusiness law.
Major 16	Research methodology	 To understand the basic concepts of research and its methodologies. To organize and conduct research in amore appropriate manner.
Major Elective	Applications of tally in accounting	 To impart practical knowledge regardingthe concepts of financial accounting. To get placement for students in different offices as well as companies.
Skill Based 3 Common	Personality management	 To enable the learners to apply their conceptual knowledge in a practical situation. To learn the act of conducting a study and presenting its findings in the form of a rational report.





Semester I

Language/Major/Allied/ Non – Major Elective /Skill Based	ProgrammePaper Title	Programme Outcome – Objectives
Major 1	ManagementAccounting	The objective of the course is familiarizing the management for effective administration.
Major 2	Advanced Business Statistics	The objective of the course is to acquaint students with important statistical techniques for managerial decision making. The emphasis will be on their applications tobusiness and economic situations.
Major 3	Management Concepts and Organizational Behavior	The objective of this course is to help studentsunderstand the conceptual frame work of management and organizational behavior.
Major 4	Office Automation	The objective of the course is to make the students to learn modern methods of officeautomation through computer.
Major 5	Modern MarketingManagement	The course intends to impart students withmodern marketing management practices.

Semester III

	ProgrammePaper Title	Programme Outcome – Objectives
Major 6	Advanced Corporate Accounting	To educate students on recent developments in corporate accounting To teach the student on various requirement
Major 7	Taxation and TaxPlanning	To educate the student on tax implication business To feed latest developments in corporatetaxations
Major 8	E-Commerce	 To buildup knowledge on electronic business. To educate students on online marketing
Major 9	Human ResourceManagement	Imparting knowledge on the importance ofhuman resource management in business. Helping to improve self-confidence of the student.
Major 10	Research Methodology	 It aims to develop an understanding on thebasic frame work of research process. It makes to understand various research design and techniques.
Major Elective	Modern Banking	Introducing the modern banking systemand practices to the learners Develop an in depth knowledge on the modern banking system.

Language/Major/Allied/ Non – Major Elective /Skill Based	ProgrammePaper Title	Programme Outcome – Objectives
Major	Core-I Researchand Teaching Methodology	To enable the student acquire knowledgeon Research methods. To enable the students develop understanding of Research design.
Major	Core-II Contemporary Functional Management	To enable the student acquire overallknowledge on functional management. To enable the student develop understanding of the components of functional management.
Major Elective	Project Orientedl-lective Course(theory)- Professional Competencies	To enable the students acquire overall knowledge on Professional Competencies. To enable the students develop understanding on Professional Competencies.

Department Of Sanskrit

Part I Sanskrit for Economics, English, Physics, Chemistry, Maths.	Fundamental grammer, history offiterature & Translation.	To learn fundamentals of Sanskrit To learn conjugation of verb, declension of noun, translation, ancient Sanskrit literature
Part I Sanskrit for commerce (c.s), IT, Compurer Science, BCA, B.B.A	Fundamental grammar, Poetry, Prose, & History of Literature.	1.To learn fundamentals of Sanskrit, conjugation of verb, declension of noun and classicalliterature
Part I Sanskrit for Economics.English, Physics,Chemistry,Maths.	Poetry and History of Literature	1.To learn didactic poetry.2.To learn the history of Mahakavyas.
Part I Sanskrit for commerce , commerce (C.S) IT, Computer Science, BCA, B.B.A	Drama, Poetics & Translation	 To learn Sanskrit drama To learn translation To learn Alankaras
Part I Sanskrit for Economics, English, Physics, Chemistry, Maths.	Prose, grammar &History ofliterature	1.To learn peculiarities ofkavyas. 2.To learn sandhi 3.To enhance knowledge aboutthe classical literature
Part I Sanskrit for commerce (c.s), IT, Compurer Science, BCA, B.B.A	Drama, Poetics & History of Literature.	1.To learn the peculiarities of thedramatic literature. 2. To learn alankaras 3. To learn the pattern of drama in Sankrit literature



