

SRI KALISWARI COLLEGE (AUTONOMOUS), Sivakasi
DEPARTMENT OF ENGLISH
PG Programme - M.A. English
CURRICULUM PATTERN
OUTCOME-BASED EDUCATION WITH CHOICE BASED CREDIT SYSTEM
(From 2021-2022 Batch onwards)
PROGRAMME CODE - PEN

Semester	Course Code	Course Name	Hours	Credits
I	21PENC11	Core Course –I: Modern Literature- I	6	4
	21PENC12	Core Course –II: Modern Literature- II	6	4
	21PENC13	Core Course –III: Translation Studies	6	4
	21PENC14	Core Course –IV: History of English Language	6	4
	21PEN011 21PEN012 21PEN013	Major Elective Course – I: 1. Literature and Gender 2. Literature and Ecology 3. Literature and Society	6	4
Total			30	20
II	21PENC21	Core Course –V: Modern Literature - III	6	5
	21PENC22	Core Course –VI: Modern Literature - IV	6	5
	21PENC23	Core Course – VII: Journalism and Mass Communication	6	4
	21PENC24	Core Course –VIII: Contemporary Literary Theories	6	4
	21PENN21	Non Major Elective Course : English for Competitive Examinations	6	4
Total			30	22
III	21PENC31	Core Course–IX: Indian Writing in English	6	5
	21PENC32	Core Course –X: American Literature	6	4
	21PENC33	Core Course–XI: English Literature for Competitive Examinations	6	4
	21PENC34	Core Course –XII: Research Methodology	6	4
	21PEN031 21PEN032 21PEN033	Major Elective Course– II: 1. Introduction to Comparative Literature 2. Introduction to Culture Studies 3. Introduction to Film Studies	6	4
	21PENM31 21PENM32	Self-paced Learning –(Swayam Course) 1. Short Fiction in Indian Literature 2. Indian Fiction in English		3
	Total			30
IV	21PENC41	Core Course –XIII: Shakespeare	6	5
	21PENC42	Core Course –XIV: New Literatures in English	6	5
	21PENC43	Core Course –XV: Introduction to Linguistics	6	4
	21PENC44	Core Course –XVI: English Language Teaching & Information and Communication Technology	6	4
	21PENJ41	Core Course –XVII: Project	6	6
Total			30	24

Approved in the Academic Council - XIII held on 11/08/2021

SRI KALISWARI COLLEGE
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 SIVAKASI - 626 130

21PEN15-

S. Jeyaraj
 H.O.B



SRI KALISWARI COLLEGE (AUTONOMOUS), Sivakasi
DEPARTMENT OF MATHEMATICS
PG Programme - M.Sc. Mathematics
CURRICULUM PATTERN
OUTCOME-BASED EDUCATION WITH CHOICE BASED CREDIT SYSTEM
(From 2021-2022 Batch onwards)
PROGRAMME CODE - PMA

Semester	Course Code	Course Name	Hours	Credits
I	21PMAC11	Core Course - I: Abstract Algebra	6	4
	21PMAC12	Core Course - II: Real Analysis	6	4
	21PMAC13	Core Course - III: Graph Theory and Algorithms	6	4
	21PMAC14	Core Course - IV: Mathematical Statistics	6	4
	21PMA011 21PMA012 21PMA013	Elective Course - I: 1. Combinatorial Techniques 2. Numerical Computation Techniques 3. Formal Languages and Automata Theory	6	4
Total			30	20
II	21PMAC21	Core Course - V: Linear Algebra	6	5
	21PMAC22	Core Course - VI: Measure Theory	6	5
	21PMAC23	Core Course - VII: Ordinary and Partial Differential Equations	6	4
	21PMAC24	Core Course - VIII: Differential Geometry	6	4
	21PMAN21	Non Major Elective Course : Numerical Computation Methods	6	4
Total			30	22
III	21PMAC31	Core Course - IX: Functional Analysis	6	5
	21PMAC32	Core Course - X: Optimization Techniques	6	4
	21PMAC33	Core Course - XI: Topology	6	4
	21PMAC34	Core Course - XII: Research Methodology	6	4
	21PMA031 21PMA032 21PMA033	Elective Course - II: 1. Functions of Several Variables 2. Fuzzy Mathematics 3. Elements of Stochastic Processes	6	4
	21PMAM31 21PMAM32	Self-paced Learning (Swayam Course) 1. Introduction to Methods of Applied Mathematics 2. Regression Analysis		3
	Total			30
IV	21PMAC41	Core Course - XIII: Complex Analysis	6	5
	21PMAC42	Core Course - XIV: Number Theory and Cryptography	6	5
	21PMAC43	Core Course - XV: Integral Equations	6	4
	21PMAC44	Core Course - XVI: Mechanics	6	4
	21PMAJ41	Core Course - XVII: Project	6	6
Total			30	24



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K. Lalithambigai
 HOD

SRI KALISWARI COLLEGE (AUTONOMOUS), Sivakasi
DEPARTMENT OF CHEMISTRY
PG Programme - M.Sc. Chemistry
CURRICULUM PATTERN
OUTCOME-BASED EDUCATION WITH CHOICE BASED CREDIT SYSTEM
(From 2021-2022 Batch onwards)
PROGRAMME CODE - PCH

Semester	Course Code	Course Name	Hours	Credits
I	21PCHC11	Core Course-I: Reaction Mechanism and Stereochemistry	6	5
	21PCHC12	Core Course -II: Structure and Bonding	6	5
	21PCHC13	Core Course -III: Electrochemistry, Thermodynamics and Surface chemistry	6	5
	21PCHC1P	Core Course-IV: Practical: Organic Quantitative and Qualitative Analysis	6	4
	21PCH011 21PCH012 21PCH013	Major Elective Course - I: 1. Green Chemistry 2. Material Chemistry 3. Medicinal and Pharmaceutical Chemistry	6	4
Total			30	23
II	21PCHC21	Core Course-V: Rearrangement, Name Reactions, Oxidation and Reduction	6	5
	21PCHC22	Core Course -VI: Coordination, Bioinorganic and Inorganic Photochemistry	6	5
	21PCHC23	Core Course - VII: Group Theory, Equilibria and Statistical Thermodynamics	6	5
	21PCHC2P	Core Course - VIII: Practical: Inorganic Quantitative and Qualitative Analysis	6	4
	21PCHN21	Non-Major Elective Course: Chemistry for Healthy Living	6	4
Total			30	23
III	21PCHC31	Core Course - IX: Spectroscopy and Spectrometry	6	5
	21PCHC32	Core Course - X: Nuclear, Organometallics and Inorganic Spectroscopy	6	5
	21PCHC33	Core Course - XI: Spectroscopy and Photochemistry	6	5
	21PCHC3P	Core Course - XII: Practical: Physical Chemistry	6	4
	21PCH031	Major Elective Course- II: 1. Nuclear Reactions, Radiation Chemistry, Photoelectron spectroscopy and	6	4

	21PCH032	Organometallics in Industry		
	21PCH033	2. Advanced Analytical Chemistry		
		3. Drug Design and Discovery		
	21PCHM31	Self-paced Learning (Swayam Course)		
		1. Advanced Transition Metal Organometallic Chemistry		3
	21PCHM32	2. Chemistry of Main Group Elements		
		Total	30	26
IV	21PCHC41	Core Course - XIII: Photochemistry, Pericyclic Reactions, Heterocycles and Natural Products	5	5
	21PCHC42	Core Course - XIV: Quantum and Chemical Kinetics	5	5
	21PCHC43	Core Course - XV: Research Methodology	5	4
	21PCHJ41	Core Course - XVI: Project	15	4
		Total	30	18


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SRI KALISWARI COLLEGE (AUTONOMOUS), Sivakasi
DEPARTMENT OF BOTANY
PG Programme - M.Sc. Botany
CURRICULUM PATTERN
OUTCOME-BASED EDUCATION WITH CHOICE BASED CREDIT SYSTEM
(From 2021-2022 Batch onwards)
PROGRAMME CODE - PBY

Semester	Course Code	Course Name	Hours	Credits
I	21PBYC11	Core Course - I: Taxonomy of Angiosperms	6	5
	21PBYC12	Core Course - II: Developmental Botany	6	5
	21PBYC13	Core Course - III: Plant Diversity	6	5
	21PBYC1P	Core Course - IV: Practical: Taxonomy of Angiosperms Developmental Botany and Plant Diversity	6	4
	21PBYO11 21PBYO12 21PBYO13	Elective Course - I: 1. Herbal Technology 2. Biofertilizer Technology 3. Ethnobotany and Bio-resources	6	4
Total			30	23
II	21PBYC21	Core Course - V: Instrumentation Techniques and Biostatistics and Research Methodology	6	5
	21PBYC22	Core Course - VI: Cell and Molecular Biology	6	5
	21PBYC23	Core Course - VII: Plant Biotechnology and Bioinformatics	6	5
	21PBYC2P	Core Course - VIII: Practical: Instrumentation Techniques, Biostatistics, Cell and Molecular Biology, Plant Biotechnology and Bioinformatics	6	4
	21PBYN21	Non Major Elective Course : Home Gardening	6	4
Total			30	23
III	21PBYC31	Core Course-IX: Microbiology and Plant Pathology	6	5
	21PBYC32	Core Course -X: Genetics and Evolution	6	5
	21PBYC33	Core Course-XI: Biochemistry	6	5
	21PBYC3P	Core Course -XII: Practical: Microbiology, Plant Pathology, Genetics and Biochemistry	6	4
	21PBYO31 21PBYO32 21PBYO33	Elective Course- II: 1. Biodiversity and Conservation 2. Palynology and Pollination Biology 3. Recent Advances in Botany	6	4
	21PBYM31 21PBYM32	Self-paced Learning - (Swayam Course) 1. Forests and their Management 2. Applied Environmental Microbiology		3
	Total			30
IV	21PBYC41	Core Course -XIII: Plant Physiology	5	5

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M. Sujath

SRI KALISWARI COLLEGE (AUTONOMOUS), Sivakasi
DEPARTMENT OF BIOTECHNOLOGY
PG Programme - M.Sc. Biotechnology
CURRICULUM PATTERN
OUTCOME-BASED EDUCATION WITH CHOICE BASED CREDIT SYSTEM
(From 2021-2022 Batch onwards)
PROGRAMME CODE - PBT

Semester	Course code	Course Name	Hours	Credits
I	21PBTC11	Core Course - I: Cell and Developmental Biology	6	5
	21PBTC12	Core Course - II: Biomolecules	6	5
	21PBTC13	Core Course - III: Microbiology and Microbial Genetics	6	5
	21PBTC1P	Core Course - IV: Practical: Biomolecules, Microbiology and Microbial Genetics	6	4
	21PBTO11 21PBTO12 21PBTO13	Elective Courses - I: 1. Inheritance and Evolutionary Biology 2. Stem Cell Biology 3. Enzymes and Enzyme Technology	6	4
Total			30	23
II	21PBTC21	Core Course - V: Immunology and Immunotechnology	6	5
	21PBTC22	Core Course - VI: Genetic Engineering	6	5
	21PBTC23	Core Course - VII: Bioinformatics	6	5
	21PBTC2P	Core Course - VIII: Practical: Immunology and Genetic Engineering	6	4
	21PBTN21	Non Major Elective Course - I: Food Science	6	4
Total			30	23
III	21PBTC31	Core Course - IX: Plant and Animal Biotechnology	6	5
	21PBTC32	Core Course - X: Bioprocess Technology	6	5
	21PBTC33	Core Course - XI: Agricultural and Environmental Biotechnology	6	5
	21PBTC3P	Core Course - XII: Practical - III: Plant, Animal and Bioprocess Technology	6	4
	21PBTO31 21PBTO32 21PBTO33	Elective Course - II: 1. IPR, Bioethics and Biosafety 2. Molecular Oncology 3. Industrial Safety and regulations	6	4
	21PBTM31 21PBTM32	Self-paced Learning (Swayam course) 1. Forests and their Management 2. Applied Environmental Microbiology		3
Total			30	26
IV	21PBTC41	Core Course - XIII: Bioinstrumentation and Biostatistics	5	5
	21PBTC42	Core Course - XIV: Genomics and Proteomics	5	5
	21PBTC43	Core Course - XV: Research Methodology	5	4
	21PBTJ41	Project	15	4
Total			30	18
Over all Total			120	90



Approved in the Academic Council - XIII held on 11/08/2021

21PBT14

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M. Srinivasan

SRI KALISWARI COLLEGE (AUTONOMOUS), Sivakasi
PG DEPARTMENT OF COMMERCE
PG Programme - M.Com. (Computer Application)
CURRICULUM PATTERN
OUTCOME-BASED EDUCATION WITH CHOICE BASED CREDIT SYSTEM
(From 2021-2022 Batch onwards)
PROGRAMME CODE - PCP

Semester	Course Code	Course Name	Hours	Credits
I	21PCPC11	Core Course- I: Financial Management	6	4
	21PCPC12	Core Course - II: International Business	6	4
	21PCPC13	Core Course -III : E-Commerce	6	4
	21PCPC1P	Core Course -IV: Practical : Multimedia	6	4
	21PCP011 21PCP012 21PCP013	Elective Course - I : 1. Human Resource Management 2. Company Law 3. Organizational Behaviour	6	4
		Total	30	20
II	21PCPC21	Core Course - V: Advanced Corporate Accounting	6	5
	21PCPC22	Core Course- VI: Accounting for Management	6	5
	21PCPC23	Core Course - VII: Dot Net Framework	6	4
	21PCPC2P	Core Course -VIII: Practical : Dot Net Programming	6	4
	21PCPN21	Non Major Elective Course: Principles of Modern Banking	6	4
		Total	30	22
III	21PCPC31	Core Course - IX : Income Tax Law and Practice and Tax Planning	6	5
	21PCPC32	Core Course - X: Business Research Methods	6	4
	21PCPC33	Core Course -XI : R Programming	6	4
	21PCPC3P	Core Course - XII: Practical : R Programming	6	4
	21PCP031 21PCP032 21PCP033	Elective Course - II : 1. Security Analysis and portfolio management 2. Customer Relationship Management 3. Corporate Social Responsibility	6	4

		Self-paced Learning - (Swayam Course)		3
	21PCPM31	1. Business Ethics		
	21PCPM32	2. Principles of Management		
	21PCPM33	3. Leadership for India Inc: Practical Concepts and Constructs		
		Total	30	24
IV	21PCPC41	Core Course - XIII: Applied Costing	6	5
	21PCPC42	Core Course -XIV: Indirect Taxation	6	5
	21PCPC4P	Core Course -XV: Practical: Mobile Application Development	6	4
	21PCPC4Q	Core Course - XVI: Practical: Computerized Accounting	6	4
	21PCPJ41	Core Course - XVII: Project	6	6
		Total	30	24



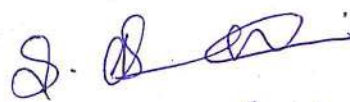
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SRI KALISWARI COLLEGE (AUTONOMOUS), Sivakasi
PG DEPARTMENT OF COMMERCE
PG Programme –M.Com
CURRICULUM PATTERN
OUTCOME-BASED EDUCATION WITH CHOICE BASED CREDIT SYSTEM
(From 2021-2022 Batch onwards)
PROGRAMME CODE – PCM

Semester	Course Code	Course Name	Hours	Credits
I	21PCMC11	Core Course- I: Financial Management	6	4
	21PCMC12	Core Course – II: International Business	6	4
	21PCMC13	Core Course -III : Marketing Management	6	4
	21PCMC14	Core Course –IV: Operations Research	6	4
	21PCMO11 21PCMO12 21PCMO13	Elective Course - I : 1. Human Resource Management 2. Company Law 3. Organizational Behaviour	6	4
		Total	30	20
II	21PCMC21	Core Course – V: Advanced Corporate Accounting	6	5
	21PCMC22	Core Course- VI: Accounting for Management	6	5
	21PCMC23	Core Course - VII: Entrepreneurship Development	6	4
	21PCMC24	Core Course - VIII: Advanced Business Statistics	6	4
	21PCMN21	Non Major Elective Course: Principles of Modern Banking	6	4
		Total	30	22
III	21PCMC31	Core Course - IX : Income Tax Law and Practice and Tax Planning	6	5
	21PCMC32	Core Course - X: Business Research Methods	6	4
	21PCMC33	Core Course -XI: Financial Market and Institutions	6	4
	21PCMC3P	Core Course - XII: Practical: Multi Media	6	4
	21PCMO31 21PCMO32 21PCMO33	Elective Course - II : 1. Security Analysis and Portfolio Management 2. Customer Relationship Management 3. Corporate Social Responsibility	6	4

	21PCMM31 21PCMM32 21PCMM33	Self-paced Learning - (Swayam Course) 1. Business Ethics 2. Principles of Management 3. Leadership for India Inc: Practical Concepts and Constructs		3
		Total	30	24
IV	21PCMC41	Core Course - XIII: Applied Costing	6	5
	21PCMC42	Core Course -XIV: Indirect Taxation	6	5
	21PCMC43	Core Course -XV: Banking Technology	6	4
	21PCMC4P	Core Course - XVI: Practical : Computerized Accounting	6	4
	21PCMJ41	Core Course - XVII: Project	6	6
		Total	30	24


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SRI KALISWARI COLLEGE (AUTONOMOUS), Sivakasi
DEPARTMENT OF COMPUTER SCIENCE
PG Programme - M.Sc. Computer Science
CURRICULUM PATTERN
OUTCOME-BASED EDUCATION WITH CHOICE BASED CREDIT SYSTEM
(From 2021-2022 Batch onwards)
PROGRAMME CODE - PCS

Semester	Course Code	Course Name	Hours	Credits
I	21PCSC11	Core Course - I: Design and Analysis of Algorithms	5	4
	21PCSC12	Core Course - II: Advanced DBMS	5	4
	21PCSC13	Core Course - III: Distributed Operating System	5	4
	21PCSO11	Elective Course - I: 1. Data Science and Big Data	5	4
	21PCSO12	2. Data Mining		
	21PCSO13	3. Embedded System		
	21PCSC1P	Core Course - IV: Practical: Algorithm & OS	5	3
21PCSC1Q	Core Course - V: Practical: DBMS	5	3	
		Total	30	22
II	21PCSC21	Core Course - VI: Advanced Computer Networks	5	5
	21PCSC22	Core Course - VII: Advanced Java Programming	5	4
	21PCSC23	Core Course - VIII: Compiler Design	5	4
	21PCSC2P	Core Course - IX: Practical: Advanced Java Programming	5	3
	21PCSC2Q	Core Course - X: Practical: Python Programming	4	2
	21PCSN21	Non-Major Elective Course - I: Web Designing	6	4
		Total	30	22
III	21PCSC31	Core Course - XI : Machine Learning	5	5
	21PCSC32	Core Course - XII: Advanced Web Technology	5	4
	21PCSC33	Core Course - XIII: Digital Image Processing	5	3
	21PCSO31	Elective Course - II: 1. Cryptography and Network Security	5	4
	21PCSO32	2. Mobile Computing		
	21PCSO33	3. Wireless Network		
	21PCSC3P	Core Course - XIV: Practical : Advanced Web Technology	5	3
	21PCSC3Q	Core Course - XV: Practical : Open Source Tools	5	3
	Swayam Course:			
21PCSM31	1. Computer Architecture and Organization		3	
21PCSM32	2. Computer Organization and Architecture : A Pedagogical Aspect			

		Total	30	25
IV	21PCSC41	Core Course – XVI: Internet Of Things	5	5
	21PCSC42	Core Course – XVII: Software Project Management	5	5
	21PCSC43	Core Course – XVIII: Research Methodology	5	5
	21PCSJ41	Core Course –X IX: Project	15	6
		Total	30	21

A. P. Inya
HOD

HEAD,
Department of Computer Science
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R. P. S.

PRINCIPAL
Principal
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SRI KALISWARI COLLEGE (AUTONOMOUS), Sivakasi
DEPARTMENT OF TAMIL
PG Programme - M.A. Tamil
CURRICULUM STRUCTURE
OUTCOME-BASED EDUCATION WITH CHOICE BASED CREDIT SYSTEM
(From 2021-2022 Batch onwards)

Semester	Course Code	Course Name	Hours	Credits
I	21PTAC11	Core Course - I: நவீன இலக்கியம்	6	4
	21PTAC12	Core Course - II: நாட்டார் வழக்காற்றியல்	6	4
	21PTAC13	Core Course - III: இலக்கியக் கொள்கைகள்	6	4
	21PTAC14	Core Course - IV: தொல்காப்பியம்(எழுத்து)	6	4
	21PTAO11 21PTAO12 21PTAO13	Elective Course - I: 1. இலக்கியமும் உளவியலும் 2. மகளிரியல் 3. இந்தியக் கலை வரலாறு	6	4
	Total			30
II	21PTAC21	Core Course - V: காப்பியம்	6	5
	21PTAC22	Core Course - VI: உரையாசிரியர்களும் உரைமரபுகளும்	6	5
	21PTAC23	Core Course - VII: ஒப்பிலக்கியம்	6	4
	21PTAC24	Core Course - VIII: தொல்காப்பியம்(சொல்)	6	4
	21PTAN21	Non Major Elective Course: தமிழும் அறிவியலும்	6	4
	Total			30
III	21PTAC31	Core Course - IX: பக்தி இலக்கியம்	6	5
	21PTAC32	Core Course - X: சிற்றிலக்கியம்	6	4
	21PTAC33	Core Course - XI: திறனாய்வு அணுகுமுறைகளும் ஆய்வு நெறிமுறைகளும்	6	4
	21PTAC34	Core Course - XII: தொல்காப்பியம் - பொருள் I	6	4
	21PTAO31 21PTAO32 21PTAO33	Elective Course - II: 1. மக்கள் தகவல் தொடர்பியல் 2. சித்தர் இலக்கியம் 3. தமிழர் நாகரிகமும் பண்பாடும்	6	4
	21PTAM31 21PTAM32	Self Based Learning (Swayam) 1. Soft Skills 2. Farm Machiner	-	3
	Total			30
	21PTAC41	Core Course - XIII: சங்க இலக்கியம்	6	5
	21PTAC42	Core Course - XIV: அற - இலக்கியம்	6	5

IV	21PTAC43 P	Core Course XV: PRACTICAL: DTP AND MULTIMEDIA	6	4
	21PTAC44	Core Course -XVI: தொல்காப்பியம் - பொருள் II	6	4
	21PTAJ41	Core Course -XVII: Project	6	6
	Total		30	24

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