

ST. MARY'S COLLEGE (Autonomous)
Master of Arts (English Literature)
Course Structure (w.e.f. 2017)

Semester I

Subject	Subject Code	Title of the Paper	Contact Hour/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core I	17PENC11	British Literature I	6	4	40	60	100
Core II	17PENC12	British Literature II	6	4	40	60	100
Core III	17PENC13	Indian Writing in English	6	4	40	60	100
Core IV	17PENC14	Eco Literature	6	4	40	60	100
Elective I	17PENE11	Computer Application	6	5	40	60	100
		Total	30	21	200	300	500

Semester II

Subject	Subject Code	Title of the Paper	Contact Hour/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core V	17PENC21	British Literature III	6	5	40	60	100
Core VI	17PENC22	Critical Theory I	6	5	40	60	100
Core VII	17PENC23	Shakespeare	6	5	40	60	100
Core VIII	17PENC24	Women's Writing	6	5	40	60	100
Inter Disciplinary Elective	17PENE21	English for Professional Competence (to History)	6	4	40	60	100
	17PHIE21	Indian Constitution (from History)					
Self Study Course (Compulsory)	17PENSS1	Subaltern Literature		2		100	100
		Total	30	26	200	400	600

Semester III

Subject	Subject Code	Title of the Paper	Contact Hour/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core IX	17PENC31	British Literature IV	6	5	40	60	100
Core X	17PENC32	Critical Theory II	6	5	40	60	100
Core IX	17PENC33	History of the English Language & Phonetics	6	5	40	60	100
Elective III	17PENE31	Research Methodology	6	4	40	60	100
Project	17PENP31	Project	6	5	40	60	100
Self study Course (optional)	17PENSS2	English Literature for Career Advancement		2		100	100
		Total	30	24+2	200	300+100	500+100

Semester IV

Subject	Subject Code	Title of the Paper	Contact Hour/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core XII	17PLCC41	War and Literature	6	4	40	60	100
Core XIII	17PENC42	English Language Teaching	6	4	40	60	100
Core XIV	17PENC43	New Literatures in English	6	4	40	60	100
Core XV	17PENC44	World Literature in Translation	6	4	40	60	100
Elective IV	17PENE41	Psychology and Literature	6	5	40	60	100
		Total	30	21	200	300	500

ST.MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI
COURSE STRUCTURE
M.A History
Semester - I

Subject	Subject Code	Title of the Paper	Contact Hours/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core I	17PHIC11	History of Ancient India Upto A.D.647	6	4	40	60	100
Core II	17PHIC12	Dravidian Movement Upto A.D.1969	6	4	40	60	100
Core III	17PHIC13	Principles and Methods of Archaeology	6	4	40	60	100
Core IV	17PHIC14	History of China from A.D. 1840 to 1985	6	4	40	60	100
Elective I	17PHIE11	Human Rights	6	5	40	60	100
Total			30	21	200	300	500

Semester - II

Subject	Subject Code	Title of the Paper	Contact Hours/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core V	17PHIC21	History of Medieval India from A.D. 647 to 1800	6	5	40	60	100
Core VI	17PHIC22	Subaltern Studies	6	5	40	60	100
Core VII	17PHIC23	Contemporary World Since 1945	6	5	40	60	100
Core VIII	17PHIC24	History of Tamil Nadu upto 1336 AD	6	5	40	60	100
Elective II (IDE)	17PENE21	English for Professional Competence	6	4	40	60	100
Self Study Course (Compulsory)	17PHISS1	Indian History for Competitive Examinations		2		100	100
Total			30	26	200	400	600

Semester - III

SUBJECT	SUBJECT CODE	TITLE OF THE PAPER	Contact Hours/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core IX	17PHIC31	Freedom Struggle in India from AD 1800 to 1947	6	5	40	60	100
Core X	17PHIC32	Research Methodology	6	5	40	60	100
Core XI	17PHIC33	History of USA upto AD 1865	6	5	40	60	100
Elective III	17PHIE31	Information and Internet Applications	6	5	40	60	100
Project	17PHIP31	Project	6	4	40	60	100
Self Study Course (Optional)	17PHISS2	Women Studies		2			
Total			30	26	200	300	500

Semester - IV

SUBJECT	SUBJECT CODE	TITLE OF THE PAPER	Contact Hours/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core XII	17PLCC41	War and Literature	6	4	40	60	100
Core XIII	17PHIC41	Contemporary History of India from 1947 to 2014	6	4	40	60	100
Core XIV	17PHIC43	from 1947 to 2014 War and Literature 2010	6	4	40	60	100
Core XV	17PHIC44	History of Tamil Nadu from 1336 to 2006 AD	6	4	40	60	100
Elective IV	17PHIE41	Epigraphy	6	5	40	60	100
Total			30	21	200	300	500

ST.MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI

M.A. ECONOMICS COURSE STRUCTURE

(For those who join the course from the academic year 2017-2019)

Semester – I

Subject	Sub: Code	Title of the Papers	Hrs/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
Core1	17PECC11	Advanced Micro Economic Analysis – 1	6	4	40	60	100
Core II	17PECC12	-Advanced Macro Economic Analysis – I	6	4	40	60	100
Core III	17PECC13	Quantitative Techniques for Economics	6	4	40	60	100
Core IV	17PECC14	–Modern Banking	6	4	40	60	100
Elective I	17PECE11	–Micro Finance and Rural Development	6	5	40	60	100
		Total	30	21	200	300	500

Semester - II

Subject	Sub: Code	Title of the Papers	Hrs/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
Core V	17PECC21	Advanced Micro Economic Analysis - II	6	5	40	60	100
Core VI	17PECC22	Advanced Macro Economic Analysis - II	6	5	40	60	100
Core VII	17PECC23	Public Finance	6	5	40	60	100
Core VIII	17PECC24	Research Methodology and Computer Applications for Economics	6	5	40	60	100
Elective II IDE	17PHRE21	Managerial Economics (MHRM)	6	4	40	60	100
Self study (Compulsory)	17PECSS1	Women and the Economy		2		100	100
		Total	30	24+2	200	400	600

Semester - III

Subject	Sub: Code	Title of the Papers	Hrs/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
Core IX	17PECC31	Monetary Economics	6	5	40	60	100
Core X	17PECC32	Foreign Trade Procedures	6	5	40	60	100
Core XI	17PECC33	Indian Economy	6	5	40	60	100
Core XII	17PECC31	Basic Econometric Analysis	6	5	40	60	100
	17PECP31	Project	6	4	40	60	100
Self study (Optional)	17PECSS2	Labour Economy (Optional)		2		(100)	(100)
		Total	30	24+ 2	200	300	500

Semester - IV

Subject	Sub: code	Title of the Papers	Hrs/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
Core XIII1	17PMCC41	Organizational Behavior	6	4	40	60	100
Core XIV	17PECC42	Development Economics	6	4	40	60	100
Core XV	17PECC43	Coastal Economics	6	4	40	60	100
Core XVI	17PECC44	Portfolio Management	6	4	40	60	100
Elective IV	17PECE41	Logistics Management	6	5	40	60	100
		Total	30	21	200	300	500

Semester	Credits
I	21
II	24+2
III	24+2
IV	21
Total	90+4

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI
Master of Science (Mathematics)
Course Structure (w.e.f. June 2017-18)

Semester – I

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max .Marks		
					CIA	ESE	Total
Core I	17PMAC11	Algebra I	6	5	40	60	100
Core II	17PMAC12	Real Analysis I	6	5	40	60	100
Core III	17PMAC13	Ordinary Differential Equations	6	5	40	60	100
Core IV	17PMAC14	Mathematical Statistics	6	4	40	60	100
Elective I	17PMAE11	Operations Research / Optimization Techniques	6	4	40	60	100
			30	23	200	300	500

Semester – II

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core V	17PMAC21	Algebra II	6	5	40	60	100
Core VI	17PMAC22	Real Analysis II	6	5	40	60	100
Core VII	17PMAC23	Mechanics	6	5	40	60	100
Core VIII	17PMAC24	Partial Differential Equations	6	4	40	60	100
Elective II	17PMAE21	Numerical Methods	6	3	40	60	100
Self -Study Course (Compulsory)	17PMAS1	Discrete Mathematics		2		100	100
			30	24	200	400	600

Semester – III

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core IX	17PCCC31	Transforms with MATLAB	4	3	40	60	100
Core X	17PMAC31	Topology	6	5	40	60	100
Core XI	17PMAC32	Measure Theory	6	5	40	60	100
Core XII	17PMAC33	Graph Theory	6	5	40	60	100
Elective III	17PMAE31	Combinatorics / Calculus Of Variations and Integral Equations	6	3	40	60	100
Practical	17PCCCR1	Practical I - Transforms with MATLAB	2	1	40	60	100
Self- Study Course (Optional)	17PMAS2	History of Mathematics		2		(100)	(100)
			30	22 + 2	240	360	600

Semester – IV

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core XIII	17PMAC41	Complex Analysis	6	5	40	60	100
Core XIV	17PMAC42	Functional Analysis	6	5	40	60	100
Core XV	17PMAC43	Number Theory	6	4	40	60	100
Elective IV	17PMAE41	Differential Geometry/ Projective Geometry	6	4	40	60	100
Project	17PMAP41	Dissertation	6	5	40	60	100
			30	23	200	300	500

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI
Master of Science (Physics)
Course Structure (w.e.f 2017)

Semester – I

<i>Subject</i>	<i>Subject code</i>	<i>Title of the paper</i>	<i>Contact Hours/ Week</i>	<i>Credits</i>	<i>Max.Marks</i>		
					<i>CIA</i>	<i>ESE</i>	<i>Total</i>
Core I	17PPHC11	Classical Mechanics	6	5	40	60	100
Core II	17PPHC12	Mathematical Physics I	6	5	40	60	100
Core III	17PPHC13	Electronics and Experimental methods	6	5	40	60	100
Elective I	17PPHE11	Crystal growth & Thinfilms	6	5	40	60	100
Practical I	17PPHCR1	Electronics-I	6	4	40	60	100
			30	24	200	300	500

Semester – II

<i>Subject</i>	<i>Subject code</i>	<i>Title of the paper</i>	<i>Contact Hours/ Week</i>	<i>Credits</i>	<i>Max.Marks</i>		
					<i>CIA</i>	<i>ESE</i>	<i>Total</i>
Core IV	17PPHC21	Mathematical Physics II	6	4	40	60	100
Core V	17PPHC22	Electromagnetic Theory	6	4	40	60	100
Core VI	17PPHC23	Microprocessor and Microcontroller	6	4	40	60	100
Elective II (IDE)	17PPHE21	Bio-medical Instrumentation	6	5	40	60	100
Practical II	17PPHCR2	Non –Electronics	6	4	40	60	100
Self Study Course (Compulsory)	17PPHSS1	Physics for Lectureship-I		2		100	100
			30	23	200	400	600

Semester – III

<i>Subject</i>	<i>Subject code</i>	<i>Title of the paper</i>	<i>Contact Hours/ Week</i>	<i>Credits</i>	<i>Max.Marks</i>		
					<i>CIA</i>	<i>ESE</i>	<i>Total</i>
Core VII	17PPHC31	Quantum Mechanics – I	6	5	40	60	100
Core VIII	17PPHC32	Thermodynamics and Statistical Mechanics	6	5	40	60	100
Core IX	17PPHC33	Nuclear and Particle Physics	6	5	40	60	100
Project	17PPHP31		6	5	40	60	100
Practical III	17PPHCR3	C++ , Microprocessor and Microcontroller	6	4	40	60	100
Self Study Course (optional)	17PPHSS2	Physics for Lectureship- II	-	2		(100)	(100)
			30	24+2	200	300	500

Semester – IV

<i>Subject</i>	<i>Subject code</i>	<i>Title of the paper</i>	<i>Contact Hours/ Week</i>	<i>Credits</i>	<i>Max.Marks</i>		
					<i>CIA</i>	<i>ESE</i>	<i>Total</i>
Core X	17PPCC41	Nano Science and Technology	6	4	40	60	100
Core XI	17PPHC41	Quantum Mechanics – II	6	4	40	60	100
Core XII	17PPHC42	Atomic and Molecular Spectroscopy	6	4	40	60	100
Elective III	17PPHE41	Condensed Matter Physics	6	5	40	60	100
Practical IV	17PPHCR4	Electronics – II	6	4	40	60	100
			30	21	200	300	500

ST.MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI

Master of Science (Chemistry)

Course structure (w.e.f 2017)

Semester - I

Subject	Subject code	Title of the paper	Contact Hours/ week	Credits	Max. marks		
					CIA	ESE	Total
Core I	17PCHC11	Inorganic Chemistry - I	5	5	40	60	100
Core II	17PCHC12	Organic Chemistry - I	5	5	40	60	100
Core III	17PCHC13	Physical Chemistry - I	5	5	40	60	100
Core Elective I	17PCHE11	Research methodology	3	4	40	60	100
Core Practicals	17PCHCR1	Inorganic Practicals - I	4				
	17PCHCR2	Organic Practicals - I	4				
	17PCHCR3	Physical Practicals - I	4				
			30	19	160	240	400

Semester - II

Subject	Subject code	Title of the paper	Contact Hours/ week	Credits	Max. marks		
					CIA	ESE	Total
Core IV	17PCHC21	Organic Chemistry - II	6	5	40	60	100
Core V	17PCHC22	Physical Chemistry - II	6	5	40	60	100
Elective II (IDE)	17PCHE21	Industrial Products	6	5	40	60	100
Core Practicals	17PCHCR1	Inorganic Practicals - I	4	4	40	60	100
	17PCHCR2	Organic Practicals - I	4	4	40	60	100
	17PCHCR3	Physical Practicals - I	4	4	40	60	100
Self study (Compulsory)	17PCHSS1	Chemistry for National Eligibility Test - I		2	-	100	100
			30	29	240	460	700

Semester - III

Subject	Subject code	Title of the paper	Contact Hours/ week	Credits	Max. marks		
					CIA	ESE	Total
Core VI	17PCHC31	Inorganic Chemistry - II	5	5	40	60	100
Core VII	17PCHC32	Physical Chemistry - III	5	5	40	60	100
Core Elective II	17PCHE31	Phytochemistry and Photochemistry	4	4	40	60	100
Core Practicals	17PCHCR4	Inorganic Practicals - II	4	4	40	60	100
	17PCHCR5	Organic Practicals - II	4				
	17PCHCR6	Physical Practicals - II	4				
	17PCHP31	Project	4				
Self study (optional)	17PCHSS2	Chemistry for National Eligibility Test - II	-	2		(100)	(100)
			30	18+2	160	240	400

Semester - IV

Subject	Subject code	Title of the paper	Contact Hours/ week	Credits	Max. marks		
					CIA	ESE	Total
Core VIII	17PPCC41	Nanoscience and Technology	6	4	40	60	100
Core IX	17PCHC41	Inorganic Chemistry - III	6	5	40	60	100
Core X	17PCHC42	Organic chemistry - III	6	5	40	60	100
Core Practicals	17PCHCR4	Inorganic Practicals - II	4	4	40	60	100
	17PCHCR5	Organic Practicals - II	4	4	40	60	100
	17PCHCR6	Physical Practicals - II	4	4	40	60	100
			30	26	240	360	600

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI

Master of Science (Botany)

Course Structure (w.e.f. 2017-18)

Semester – I

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max .Marks		
					CIA	ESE	Total
Core I	17PBOC11	Plant Diversity	6	5	40	60	100
Core II	17PBOC12	Microbiology and Plant pathology	6	5	40	60	100
Core-III	17PBOC13	Anatomy and Embryology	6	5	40	60	100
Elective I	17PBOE11	Molecular Biology and rDNA Technology/Stem cell science	6	5	40	60	100
Practical I	17PBOCR1	17PBOC11, 17PBOC12, 17PBOC13	6	3	40	60	100
			30	23	200	300	500

Semester – II

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core IV	17PBOC21	Biochemistry and Biophysics	6	5	40	60	100
Core V	17PBOC22	Taxonomy of Angiosperms	6	5	40	60	100
Core-VI	17PBOC23	Research Methodology	6	5	40	60	100
Elective II	17PZOE21	Applied Biology/ Health and Nutrition	6	4	40	60	100
Practical II	17PBOCR2	17PBOC21, 17PBOC22, 17PBOC23	6	3	40	60	100
Self Study (Compulsory)	17PBOSS1	Herbal and Ethno Botany		2		100	100
			30	22+2	200	400	600

Semester – III

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core VII	17PBOC31	Plant Physiology	6	5	40	60	100
Core VIII	17PBOC32	Bio Diversity and Conservation	6	5	40	60	100
Core-IX	17PBOC33	Biostatistics and Bioinformatics	6	5	40	60	100
Practical III	17PBOCR3	17PBOC31, 17PBOC32, 17PBOC33	6	3	40	60	100
Project	17PBOP31	Dissertation	6	5	40	60	100
Self Study (optional)	17PBOSS2	Forestry		2		100	100
			30	23 + 2	200	300+100	500 + 100

Semester – IV

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core X	17PBCC41	Marine Biology	6	5	40	60	100
Core XI	17PBOC41	Plant Biotechnology	6	5	40	60	100
Core-XII	17PBOC42	Plant Ecology	6	5	40	60	100
Elective III	17PBOE41	Horticulture and Nursery management / Bionanotechnology	6	4	40	60	100
Practical IV	17PBOCR4	17PBOC41& 17PBOC42,	4	2	20	30	50
Practical V	17PBCCR1	17PBCC41	2	1	20	30	50
			30	22	200	300	500

Self Study 2+2

90+4

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI

Master of Science (Zoology)

Course Structure (w.e.f 2017-18)

Semester – I

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max .Marks		
					CIA	ESE	Total
Core I	17PZOC11	Biochemistry	6	5	40	60	100
Core II	17PZOC12	Genetics and Evolution	6	5	40	60	100
Core-III	17PZOC13	Cell and Molecular Biology	6	5	40	60	100
Elective I	17PZOE11	Environmental Biology and Resource Management / Parasitology	6	5	40	60	100
Practical I	17PZOCR1	17PZOC11, 17PZOC12, 17PZOC13	6	3	40	60	100
			30	23	200	300	500

Semester – II

Subjects	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core IV	17PZOC21	Animal Physiology	6	5	40	60	100
Core V	17PZOC22	Techniques in Biology	6	5	40	60	100
Core-VI	17PZOC23	Developmental Biology	6	5	40	60	100
Elective II	17PBOE21	Ecotourism and Wildlife Management /Plant Cell and Tissue Culture	6	4	40	60	100
Practical II	17PZOCR2	17PZOC21, 17PZOC22, 17PZOC23	6	3	40	60	100
Self Study Course (Compulsory)	17PZOSS1	Zoology for Competitive Examinations.		+2		100	100
			30	22+2	200	400	600

Semester – III

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core VII	17PZOC31	Computational Biology	6	5	40	60	100
Core VIII	17PZOC32	Biotechnology	6	5	40	60	100
Core-IX	17PZOC33	Aqua culture Biotechnology	6	5	40	60	100
Practical III	17PZOCR3	17PZOC31, 17PZOC32, 17PZOC33	6	3	40	60	100
Project	17PZOP31		6	5	40	60	100
Self Study Course (Optional)	17PZOSS2	Women and Health care		+2		100	100
			30	23+2	200	300+100	500+100

Semester – IV

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core X	17PBCC41	Marine Biology	6	5	40	60	100
Core XI	17PZOC42	Immunology	6	5	40	60	100
Core-XII	17PZOC43	Applied Microbiology	6	5	40	60	100
Elective III	17PZOE41	Applied Entomology / Endocrinology	6	4	40	60	100
Practical IV	17PZOCR4	17PZOC42 17PZOC43	4	2	20	30	50
Practical V	17PBCCRI	17PBCC41	2	1	20	30	50
			30	22	200	300	500

COURSE STRUCTURE

M.Sc. Computer Science (For those who join in 2017 and afterwards)

Semester – I

Subject	Subject Code	Title Of The Paper	Contact Hours/ Week	Credits	Max.Marks		
					CIA	ESE	Total
Core I	17PCSC11	Mathematical Foundations of Computer Science	5	5	40	60	100
Core II	17PCSC12	Advanced Java Programming	5	5	40	60	100
Core III	17PCSC13	Design and analysis of algorithms	5	5	40	60	100
Core IV	17PCSC14	Advanced Computer Architecture	5	5	40	60	100
Practical I	17PCSCR1	Advanced Java Programming lab	5	4	40	60	100
Practical II	17PCSCR2	Design and analysis of algorithms lab	5	4	40	60	100
Total			30	28	240	360	600

Semester II

Subject	Subject Code	Title Of The Paper	Contact Hours/ Week	Credits	Max.Marks		
					CIA	ESE	Total
Core V	17PCSC21	Relational Database Management System	5	5	40	60	100
Core VI	17PCSC22	Open Source Technology	5	5	40	60	100
Core VII	17PCSC23	Data Mining	5	5	40	60	100
Core Elective	17PCSE21	Web Designing & Multimedia	6	3	40	60	100
Practical III	17PCSCR3	RDBMS Lab	5	4	40	60	100
Practical IV	17PCSCR4	Open Source Technology Lab	4	4	40	60	100
Self study Paper	17PCSSS1	Advanced Web Technologies		1			100
Total			30	26+1	240	360	600+100

Semester III

Subject	Subject Code	Title Of The Paper	Contact Hours/ Week	Credits	Max.Marks		
					CIA	ESE	Total
Common Core	17PCCC31	Transforms with MATLAB	4	3	40	60	100
Core VIII	17PCSC32	Smart Devices Programming	6	6	40	60	100
Elective I	17PCSE31	Cloud Computing	5	5	40	60	100
Mini Project	17PCSCR5	Mini Project	8	6	40	60	100
Common Core Practical	17PCCCR1	Transforms with MATLAB	2	1	40	60	100
Practical V	17PCSCR6	Smart Devices Programming Lab	5	5	40	60	100
Self study paper	17PCSSS2	TCP/IP		1			100
Total			30	26+1	240	360	600+100

Semester IV

Subject	Subject Code	Title Of The Paper	Contact Hours/ Week	Credits	Max.Marks		
					CIA	ESE	Total
Project	17PCSP41	Project Work		10	100	100	200
Total				10	100	100	200

ST. MARY'S COLLEGE (AUTONOMOUS) THOOTHUKUDI
Master of Commerce
Course Structure (w.e.f. 2017)

Semester – I

Component	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max Marks		
					CIA	ESE	Total
Core I	17PCOC11	Advanced Management Accounting	6	4	40	60	100
Core II	17PCOC12	Marketing Management	6	4	40	60	100
Core III	17PCOC13	Statistics for Management	6	4	40	60	100
CoreIV	17PCOC14	Entrepreneurial Development	6	4	40	60	100
Elective I	17PCOE11	Managerial Economics	6	5	40	60	100
			30	21	200	300	500

Semester – II

Component	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max Marks		
					CIA	ESE	Total
Core V	17PCOC21	Financial Management	6	5	40	60	100
Core VI	17PCOC22	Business Environment	6	5	40	60	100
Core VII	17PCOC23	Operations Research	6	5	40	60	100
Core VIII	17PCOC24	E-Commerce	6	5	40	60	100
Elective II (IDE)	17PCOE21	Financial Markets and Institutions	6	4	40	60	100
Self-Study Course (Compulsory)	17PCOSS1	Corporate Legal Framework		2		100	100
			30	24+2	200	400	600

Semester – III

Component	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max Marks		
					CIA	ESE	Total
Core IX	17PCOC31	Advanced Corporate Accounting	6	5	40	60	100
Core X	17PCOC32	Research Methodology	6	5	40	60	100
Core XI	17PCOC33	Human Resource Management	6	5	40	60	100
Elective III	17PCOE31	International Business	6	4	40	60	100
Project I	17PCOP31		6	5	40	60	100
Self-Study Course (Optional)	17PCOSS2	Web Marketing		+2		(100)	(100)
			30	24+2	200	300	500

Semester – IV

Component	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max Marks		
					CIA	ESE	Total
Core XII	17PMCC41	Organisational Behaviour	6	4	40	60	100
Core XIII	17PCOC42	Advanced Cost Accounting	6	4	40	60	100
Core XIV	17PCOC43	Taxation & Tax Planning	6	4	40	60	100
Core XV	17PCOC44	Computerised Accounting Packages - Tally 9. ERP	6	4	40	60	100
Practical	17PCOCR1	Computerised Accounting Packages - Tally9.ERP(Practicals)	6	5	40	60	100
			30	21	200	300	500

ST.MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI
Master of Science (Microbiology)
Course Structure (w.e.f 2017-18)
SEMESTER-I

SUBJECT	Subject code	Title of the paper	Contact hours/ week	Credit	Max. marks		
					CIA	ESE	Total
CORE-I	17PMIC11	Fundamentals of Microbiology	6	5	40	60	100
CORE-II	17PMIC12	Microbial Diversity and Classification	6	5	40	60	100
CORE-III	17PMIC13	Microbial Physiology	6	5	40	60	100
ELECTIVE-I	17PMIE11	Computers And Biostatistics	6	5	40	60	100
PRACTICAL -I	17PMICR1	Laboratory in Fundamentals of Microbiology, Microbial diversity and Microbial Physiology	6	3	40	60	100
			30	23	200	300	500

SEMESTER-II

SUBJECT	Subject code	Title of the paper	Contact hours/ week	Credit	Max. marks		
					CIA	ESE	Total
CORE-IV	17PMIC21	Biochemistry	6	5	40	60	100
CORE-V	17PMIC22	Immunology	6	5	40	60	100
CORE-VI	17PMIC23	Medical Microbiology	6	5	40	60	100
ELECTIVE-II	17PMIE21	Rural Biotechnology / Vermi Technology /Mushroom Technology	6	4	40	60	100
PRACTICAL- II	17PMICR2	Techniques in Biochemistry, Immunology an Medical Microbiology	6	3	40	60	100
SELF STUDY COURSE (Compulsory)	17PMISS1	Quality Assurance Techniques in Sea food Processing industry		+2			100
			30	22+2	200	300	600

SEMESTER-III

SUBJECT	Subject code	Title of the paper	Contact hours/ week	Credit	Max. marks		
					CIA	ESE	Total
CORE-VII	17PMIC31	Agricultural and Environmental Microbiology	6	5	40	60	100
CORE-VIII	17PMIC32	Research Methodology	6	5	40	60	100
CORE-IX	17PMIC33	Industrial and Pharmaceutical Microbiology	6	5	40	60	100
PROJECT	17PMIP31	Research Project	6	5	40	60	100
PRACTICAL-III	17PMICR3	Techniques in Agricultural, Environmental, Industrial and Pharmaceutical Microbiology	6	3	40	60	100
SELF STUDY COURSE (OPTIONAL)	17PMISS2	PROBIOTICS		+2			100
			30	23+2	200	300	500+100

SEMESTER-IV

SUBJECT	Subject code	Title of the paper	Contact hours/ week	Credit	Max. Marks		
					CIA	ESE	Total
CORE-X	17PBCC41	Marine Biology	6	5	40	60	100
CORE-XI	17PMIC42	Microbial Genetics and Molecular Biology	6	5	40	60	100
CORE-XII	17PMIC43	Food Microbiology	6	5	40	60	100
ELECTIVE-III	17PMIE41	Genetic Engineering	6	4	40	60	100
PRACTICAL -IV	17PMICR4	Techniques In Microbial Genetics, Molecular Biology, Food Microbiology And Genetic Engineering	4	2	20	30	50
PRACTICAL -V	17PBCCR1	17PBCC41	2	1	20	30	50
			30	22	200	300	500

ST. MARY'S COLLEGE (AUTONOMOUS) THOOTHUKUD**Master of Human Resource Management****Course Structure (w.e.f. 2017)****Semester – I**

Component	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max Marks		
					CIA	ESE	Total
Core I	17PHRC11	Fundamentals of Human Resource Management	6	4	40	60	100
Core II	17PHRC12	Human Resource Planning and Development	6	4	40	60	100
Core III	17PHRC13	Psychology for Human Resource Management	6	4	40	60	100
Core IV	17PHRC14	Employment Relations	6	4	40	60	100
Elective I	17PHRE11	Managerial Skills	6	5	40	60	100
			30	21	200	300	500

Semester – II

Component	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max Marks		
					CIA	ESE	Total
Core V	17PHRC21	Labour Legislations	6	5	40	60	100
Core VI	17PHRC22	Accounting for Managers	6	5	40	60	100
Core VII	17PHRC23	Recruitment and Selection	6	5	40	60	100
Core VIII	17PHRC24	Total Quality Management	6	5	40	60	100
Interdisciplinary Elective	17PECE21	Managerial Economics	6	4	40	60	100
Self- Study Paper (Compulsory)	17PHRSS1	Personality Development		2			100
			30	24+2	200	300	600

Semester – III

Component	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max Marks		
					CIA	ESE	Total
Core IX	17PHRC31	Management Information System	8	5	40	60	100
Core X	17PHRC32	Wage and Salary Administration	8	5	40	60	100
Core XI	17PHRC33	Strategic Management	8	5	40	60	100
Elective III	17PHRE31	Research Methodology	6	5	40	60	100
Elective IV	17PHRE32	Summer Internship		4	50	50	100
Self-Study Paper (Optional)	17PHRSS2	Entrepreneurial Development		2			100
			30	24+2	210	290	600

Semester – IV

Component	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max Marks		
					CIA	ESE	Total
Core XII	17PCCC41	Organisational behaviour	6	4	40	60	100
Core XIII	17PHRC41	Communication for Managers	6	4	40	60	100
Core XIV	17PHRC42	Training and Development	6	4	40	60	100
Core XV	17PHRC43	Industrial Counselling	6	4	40	60	100
Project I	17PHRP41	Project	6	5	50	50	100
			30	21	210	290	600