

M.A. English**Semester I**

	Subject Code	Title of the Paper	Contact Hour/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core I	19PENC11	British Poetry	6	4	40	60	100
Core II	19PENC12	British Prose	6	4	40	60	100
Core III	19PENC13	Indian Writing in English	6	4	40	60	100
Core IV	19PENC14	American Literature	4	4	40	60	100
Elective I	19PENE11 19PENE11	A.Computer Literacy B.English Literature for Career Advancement	4	3	40	60	100
Elective II	19PENE12 19PENE12	A.Eco Literature B.Journalism and Mass Communication	4	3	40	60	100
		Total	30	22			

Semester II

Subject	Subject Code	Title of the Paper	Contact Hour/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core V	19PENC21	British Drama	6	4	40	60	100
Core VI	19PENC22	Critical Theory – I	6	4	40	60	100
Core VII	19PENC23	Women's Writing	6	4	40	60	100
Core VIII	19PENC24	Religion and Literature	4	4	40	60	100
Elective III	19PENE21 19PENE21	A.Psychology and Literature B.Communication Skills	4	3	40	60	100
Elective IV	19PENE22 19PENE22	A.English Language Teaching B. Comparative Literature	4	3	40	60	100
		Total	30	22			

Semester III

Subject	Subject Code	Title of the Paper	Contact Hour/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core IX	19PENC31	British Fiction	6	4	40	60	100
Core X	19PENC32	Critical Theory-II	6	4	40	60	100
Core XI	19PENC33	Study of the English Language	6	4	40	60	100
Core XII	19PENC34	Research Methodology	4	4	40	60	100
Elective V	19PENE31	A. Translation: Theory and Practice	4	3	40	60	100
	19PENE31	B. Transformational Generative Grammar					
Elective VI	19PENE32	A. Travel Literature	4	3	40	60	100
	19PENE32	B. Detective Fiction					
Self Study Course / MOOC	19PENSS1/ 19PENM31	Caribbean Fiction		+2			
		Total	30	22+2			

Semester IV

Subject	Subject Code	Title of the Paper	Contact Hour/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core XIII	19PENC41	Shakespeare	6	4	40	60	100
Core XIV	19PENC42	Canadian Literature	6	4	40	60	100
Core XV	19PENC43	New Literatures in English	5	4	40	60	100
Core XVI	19PENC44	World Literature in Translation	5	4	40	60	100
Core XVII	19PENP41	Project	8	8	40	60	100
		Total	30	24			

M.A. History

Semester I

Subject	Subject Code	Title of the Paper	Contact Hour/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core I	19PHIC11	History of Ancient India up to A.D.647	6	4	40	60	100
Core II	19PHIC12	Dravidian Movement up to A.D. 1969	6	4	40	60	100
Core III	19PHIC13	Principles and Methods of Archaeology	6	4	40	60	100
Core IV	19PHIC14	History of China from A.D. 1840 to 1931	4	4	40	60	100
Elective I	19PHIE11	A. Human Rights B. Women in Politics and Governance	4	3			
Elective II	19PHIE12	A. Liberal Movements (Excluding India) B. History of South East Asia – The 20 th Century	4	3			
		Total	30	22			

Semester II

Subject	Subject Code	Title of the Paper	Contact Hour/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core V	19PHIC21	History of Medieval India from A. D. 647 to 1800	6	4	40	60	100
Core VI	19PHIC22	Ancient World Civilisations (Excluding India)	6	4	40	60	100
Core VII	19PHIC23	Contemporary World Since 1945	6	4	40	60	100
Core VIII	19PHIC24	History of Tamil Nadu up to 1336 A. D	4	4	40	60	100
Elective III	19PHIE21	A. India – the Making of a Colony B. Historical Tourism – Theory & Practice	4	3			
Elective IV	19PHIE22	A. Archives Keeping B. Understanding Heritage	4	3			
		Total	30	22			

It is mandatory for students to complete one MOOC during the first year of study. (19PHIM21)
2 credits

Semester III

Subject	Subject Code	Title of the Paper	Contact Hour/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core IX	19PHIC31	Freedom Struggle in India from A. D. 1800 to 1947	6	4	40	60	100
Core X	19PHIC32	History of USA up to A. D. 1865	6	4	40	60	100
Core XI	19PHIC33	Epigraphy	6	4	40	60	100
Core XII	19PHIC34	Research Methodology	4	4	40	60	100
Elective V	19PHIE31	A. Women Studies B. Rise of Modern West	4	3			
Elective VI	19PHIE32	A. Indian History for Competitive Examinations. B. Introduction to Indian Art	4	3			
Self Study Course / MOOC	19PHISS1/ 19PHIM31	Understanding Popular Culture		+2			
		Total	30	22+2			

Semester IV

Subject	Subject Code	Title of the Paper	Contact Hour/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core XIII	19PHIC41	Indian Art	6	4	40	60	100
Core XIV	19PHIC42	Contemporary History of India from 1947 to 2014 A.D	6	4	40	60	100
Core XV	19PHIC43	History of USA from A. D. 1865 to 2010	5	4	40	60	100
Core XVI	19PHIC44	History of Tamil Nadu from 1336 to 2000 A. D.	5	4	40	60	100
Core XVII	19PHIP41	Project	8	8			
		Total	30	24			

M.Sc. Botany**Semester – I**

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core I	19PBOC11	Plant Diversity I (Phycology, Mycology, Lichenology and Bryology)	6	4	40	60	100
Core II	19PBOC12	Plant Diversity II (Pteridophytes, Gymnosperms and Paleobotany)	6	4	40	60	100
Core III	19PBOC13	Microbiology and Plant pathology	5	4	40	60	100
Core IV	19PBOC14	Histology, Embryology and Morphogenesis	5	4	40	60	100
Core Practical I	19PBOCR1	19PBOC11,19PBOC12	4	2	40	60	100
Core Practical II	19PBOCR2	19PBOC13, 19PBOC14	4	2	40	60	100
			30	20			

Semester – II

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core V	19PBOC21	Horticulture, Plant breeding and Evolution	5	4	40	60	100
Core VI	19PBOC22	Biochemistry and Biophysics	5	4	40	60	100
Core VII	19PBOC23	Taxonomy of Angiosperms	5	4	40	60	100
Core VIII	19PBOC24	Biostatistics and Bioinformatics	4	4	40	60	100
Field Work	19PBFW21		3	4	40	60	100
Core Practical III	19PBOCR3	19PBOC21,19PBOC22	4	2	40	60	100
Core Practical IV	19PBOCR4	19PBOC23, 19PBOC24	4	2	40	60	100
			30	24+2	200	300	500

It is mandatory for students to complete one MOOC during the first year of study.
(19PBOM21) 2 Credits

Semester – III

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core IX	19PBOC31	Marine Biotechnology	6	4	40	60	100
Core X	19PBOC32	Ecology	6	4	40	60	100
Core XI	19PBOC33	Molecular Biology and r DNA Technology	5	4	40	60	100
Core XII	19PBOC34	Research Methodology	5	4	40	60	100
Core Practical V	19PBOCR5	19PBOC31, 19PBOC32	4	2	40	60	100
Core Practical VI	19PBOCR6	19PBOC33, 19PBOC34	4	2	40	60	100
Self Study Course / MOOC	19PBOSS1 / 19PBOM31	Pharmacognosy		+2			
			30	20+2	240	360	500

Semester – IV

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core XIII	19PBOC41	Plant Physiology	6	4	40	60	100
Core XIV	19PBOC42	Plant Biotechnology	4	4	40	60	100
Core XV	19PBOC43	Biodiversity and Conservation	4	4	40	60	100
Core Practical VII	19PBOCR7	19PBOC41	2	2	40	60	100
Core Practical VIII	19PBOCR8	19PBOC42, 19PBOC43	4	2	40	60	100
Elective	19PBOE41	Agroforestry	4+	4	40	60	100
Project	19PBOP41	Project	6	6		100	100
			30	26	240	460	700

M.Sc. Zoology

Semester – I

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core I	19PZOC11	Cell and Molecular Biology	6	4	40	60	100
Core II	19PZOC12	Genetics and Evolution	6	4	40	60	100
Core-III	19PZOC13	Biochemistry	5	4	40	60	100
Core IV	19PZOC14	Applied Entomology	5	4	40	60	100
Core Practical I	19PZOCR1	19PZOC11, 19PZOC12	4	2	40	60	100
Core Practical II	19PZOCR2	19PZOC13, 19PZOC14	4	2	40	60	100
			30	20			

Semester – II

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core V	19PZOC21	Animal Physiology	5	4	40	60	100
Core VI	19PZOC22	Immunology	5	4	40	60	100
Core VII	19PZOC23	Biotechnology	5	4	40	60	100
Core VIII	19PZOC24	Microbiology	4	4	40	60	100
Field Work	19PZFW21		3	3	40	60	100
Core Practical III	19PZOCR3	19PZOC21, 19PZOC22,	4	2	40	60	100
Core Practical IV	19PZOCR4	19PZOC23, 19PZOC24	4	2			
			30	23+2			

It is mandatory for students to complete one MOOC Course during the first year of study.
(19PZOM21) 2 credits

Semester – III

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core IX	19PZOC31	Computational Biology	6	4	40	60	100
Core X	19PZOC32	Aquaculture Practices and Farm Management	6	4	40	60	100
Core XI	19PZOC33	Developmental Biology	5	4	40	60	100
Core XII	19PZOC34	Research Methodology	5	4	40	60	100
Core Practical V	19PZOCR5	19PZOC31, 19PZOC32	4	2	40	60	100
Core Practical VI	19PZOCR6	19PZOC33, 19PZOC34	4	2	40	60	100
Self Study Course / MOOC	19PZOSS1 / 19PZOM31	Zoology for Competitive Examinations		+2		100	100
			30	20+2			

Semester – IV

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core XIII	19PZOC41	Marine Biology	4	4	40	60	100
Core XIV	19PZOC42	Conservation Biology	5	4	40	60	100
Core XV	19PZOC43	Commercial Zoology	5	4	40	60	100
Core Practical VII	19PZOCR7	19PZOC41	2	2	40	60	100
Core Practical VIII	19PZOCR8	19PZOC42, 19PZOC43	4	3	40	60	100
Elective - I	19PZOE41	A. Poultry B. Ornamental Fish Culture C. Clinical Biology	4	4	40	60	100
Project	19PZOP41		6	6		100	100
			30	27			

M.Sc. Microbiology**Semester-I**

Subject	Subject code	Title of the paper	Contact hours/ week	Credits	Max. marks		
					CIA	ESE	Total
Core-I	19PMIC11	Fundamentals of Microbiology	5	4	40	60	100
Core-II	19PMIC12	Microbial Diversity and classification	5	4	40	60	100
Core-III	19PMIC13	Biochemistry	4	4	40	60	100
Core IV	19PMIC14	Microbial Physiology	4	4	40	60	100
Core Practical I	19PMICR1	Laboratory in Fundamentals of Microbiology, Microbial diversity and classification	6	3	40	60	100
Core Practical II	19PMICR2	Laboratory in Biochemistry and Microbial physiology	6	3	40	60	100
			30	22			

Semester-II

Subject	Subject code	Title of the paper	Contact hours/ week	Credit	Max. marks		
					CIA	ES E	Total
Core- V	19PMIC21	Immunology	5	4	40	60	100
Core- VI	19PMIC22	Medical Microbiology	5	4	40	60	100
Core- VII	19PMIC23	Microbial genetics and Molecular biology	4	4	40	60	100
Core- VIII	19PMIC24	Marine Microbiology	4	4	40	60	100
Core Practical III	19PMICR3	Laboratory in Immunology and Medical Microbiology	6	3	40	60	100
Core Practical -IV	19PMICR4	Laboratory in Microbial genetics , Molecular biology and Marine Microbiology	6	3	40	60	100
			30	22+2			

It is mandatory for students to complete one MOOC during the first year of study. (19PMIM21)
2 credits

Semester-III

Subject	Subject code	Title of the paper	Contact hours/ week	Credits	Max. marks		
					CIA	ESE	Total
Core-IX	19PMIC31	Industrial and Pharmaceutical Microbiology	5	4	40	60	100
Core- X	19PMIC32	Genetic Engineering	5	4	40	60	100
Core-XI	19PMIC33	Food and Dairy Microbiology	4	4	40	60	100
Core- XII	19PMIC34	Research Methodology	4	4	40	60	100
Core Practical- V	19PMICR5	Laboratory in Industrial and Pharmaceutical Microbiology, Genetic Engineering	6	3	40	60	100
Core Practical- VI	19PMICR6	Laboratory in Food and Dairy Microbiology, Research Methodology	6	4	40	60	100
Self Study Course /MOOC	19PMISS1/ 19PMIM31	Probiotics		+2			100
			30	23+2			

Semester-IV

Subject	Subject code	Title of the paper	Contact hours/ week	Credit	Max. Marks		
					CIA	ESE	Total
Core -XIII	19PMIC41	Environmental Microbiology	4	4	40	60	100
Core- XIV	19PMIC42	Soil and Agricultural Microbiology	4	4	40	60	100
Core -XV	19PMIC43	Applied Microbiology	4	4	40	60	100
Core Practical VII	19PMICR7	Laboratory in Environmental Microbiology, Soil and Agricultural Microbiology	6	3	40	60	100
Core Practical- VIII	19PMICR8	Laboratory in Applied Microbiology	6	3	40	60	100
Project	19PMIP41		6	5	40	60	100
		Total	30	23			

M.Sc. Mathematics**Course Structure (w.e.f. June 2019)****Semester - I**

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core I	19PMAC11	Groups and Rings	6	4	40	60	100
Core II	19PMAC12	Real Analysis	6	4	40	60	100
Core III	19PMAC13	Ordinary differential Equations	6	4	40	60	100
Core IV	19PMAC14	Mathematical Statistics	6	4	40	60	100
Core V	19PMAC15	Operations Research	6	4	40	60	100
			30	20			

Semester - II

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core VI	19PMAC21	Linear Algebra	6	4	40	60	100
Core VII	19PMAC22	Mathematical Analysis	6	4	40	60	100
Core VIII	19PMAC23	Classical Mechanics	6	4	40	60	100
Core IX	19PMAC24	Calculus of Variations and Integral Equations	4	4	40	60	100
Core X	19PMAC25	Fuzzy Algebra	4	4	40	60	100
Elective I	19PMAE21	A. Combinatorics B. Stochastic Processes	4	3	40	60	100
			30	23+2			

It is mandatory for students to complete one MOOC during the first year of study.
(19PMAM21) 2 Credits.

Semester - III

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core XI	19PMAC31	Topology	6	4	40	60	100
Core XII	19PMAC32	Graph Theory	6	4	40	60	100
Core XIII	19PMAC33	Measure Theory	5	4	40	60	100
Core XIV	19PMAC34	Partial Differential Equations	5	4	40	60	100
Core XV	19PMAC35	Research Methodology	4	4	40	60	100
Elective II	19PMAE31	A. Fluid Mechanics	4	3	40	60	100
		B. Wavelet Analysis					
Self Study Course / MOOC	19PMAS1 19PMAM31	Discrete Mathematics		2		(50)	(50)
			30	23 + 2			

Semester - IV

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core XVI	19PMAC41	Complex Analysis	6	4	40	60	100
Core XVII	19PMAC42	Functional Analysis	6	4	40	60	100
Core XVIII	19PMAC43	Number Theory	5	4	40	60	100
Core XIX	19PMAC44	Differential Geometry	5	4	40	60	100
Project	19PMAP41	Project	8	8	40	60	100
			30	24			
Total			120	90+2+2			

M.Sc. Physics**Course Structure (w.e.f 2019)****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	19PPHC11	Classical Mechanics	6	4	40	60	100
Core II	19PPHC12	Mathematical Physics I	6	4	40	60	100
Core III	19PPHC13	Electronics and Experimental methods	6	4	40	60	100
Core IV	19PPHC14	Crystal growth & Thin films	6	4	40	60	100
Core Practical I	19PPHCR1	Electronics - I	3				
Core Practical II	19PPHCR2	Non-Electronics	3				
			30	16			

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 V	19PPHC21	Nano Science and Technology	5	4	40	60	100
Core VI	19PPHC22	Mathematical Physics II	5	4	40	60	100
Core VII	19PPHC23	Electromagnetic Theory	5	4	40	60	100
Core VIII	19PPHC24	Microprocessor and Microcontroller	5	4	40	60	100
Core IX	19PPFW21	Field Work	4+	3	40	60	100
Core Practical I	19PPHCR1	Electronics - I	3	4	40	60	100
Core Practical II	19PPHCR2	Non-Electronics	3	4	40	60	100
			30	27			

It is mandatory for students to complete one MOOC Course during the first year of study.
(19PPHM21) 2 Credits

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 X	19PPHC31	Quantum Mechanics – I	6	4	40	60	100
Core XI	19PPHC32	Atomic and Molecular Spectroscopy	6	4	40	60	100
Core XII	19PPHC33	Thermodynamics and Statistical Mechanics	6	4	40	60	100
Core XIII	19PPHC34	Research Methodology	6	4	40	60	100
Core XIV Practical III	19PPHCR3	Microprocessor and Microcontroller& C++	3				
Core XV Practical IV	19PPHCR4	Electronics - II	3				
Self Study Course/ MOOC	19PPHSS1 / 19PPHM31	Physics for Lectureship	-	+2		100	100
			30	16+2			

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 XVI	19PPHC41	Quantum Mechanics – II	5	4	40	60	100
Core XVII	19PPHC42	Condensed Matter Physics	4	4	40	60	100
Core XVIII	19PPHC43	Nuclear and Particle Physics	5	4	40	60	100
Core Practical III	19PPHCR3	Microprocessor and Microcontroller& C++	3	4	40	60	100
Core Practical IV	19PPHCR4	Electronics - II	3	4	40	60	100
Elective -I	19PPHE41/ 19PPFW41	Elective/ Field work /Study tour	3+	3	40	60	100
Core XXI	19PPHP41	Project	7+	8	40	60	100
			30	31			

M.Sc. Chemistry**Semester - I**

Subject	Subject code	Title of the paper	Contact Hours/ week	Credits	Max. marks		
					CIA	ESE	Total
Core I	19PCHC11	Inorganic Chemistry - I	5	4	40	60	100
Core II	19PCHC12	Organic Chemistry - I	5	4	40	60	100
Core III	19PCHC13	Physical Chemistry - I	4	4	40	60	100
Elective I	19PCHE11	A.Denova Designs in Chemistry B. Chemical Instrumentation	4	4	40	60	100
Core Practical I	19PCHCR1	Inorganic Chemistry Practicals - I	4				
Core Practical II	19PCHCR2	Organic Chemistry Practicals - I	4				
Core Practical III	19PCHCR3	Physical Chemistry Practicals - I	4				
			30	16			

Semester - II

Subject	Subject code	Title of the paper	Contact Hours/ week	Credits	Max. marks		
					CIA	ESE	Total
Core IV	19PCHC21	Inorganic Chemistry - II	5	4	40	60	100
Core V	19PCHC22	Organic Chemistry - II	5	4	40	60	100
Core VI	19PCHC23	Physical Chemistry - II	4	4	40	60	100
Elective II	19PCHE21	A. Energy and Environmental Chemistry B. Industrial Chemistry	4	4	40	60	100
Core Practical I	19PCHCR1	Inorganic Chemistry Practical - I	4	4	40	60	100
Core Practical II	19PCHCR2	Organic Chemistry Practical - I	4	4	40	60	100
Core Practical III	19PCHCR3	Physical Chemistry Practical - I	4	4	40	60	100
			30	28+2			

It is mandatory for students to complete one MOOC during the first year of study.
(19PCHM21) 2 credits

Semester - III

Subject	Subject code	Title of the paper	Contact Hours/ week	Credits	Max. marks		
					CIA	ESE	Total
Core VII	19PCHC31	Inorganic Chemistry - III	5	4	40	60	100
Core VIII	19PCHC32	Organic Chemistry - III	5	4	40	60	100
Core IX	19PCHC33	Physical Chemistry - III	4	4	40	60	100
Core X	19PCHC34	Research methodology	4	4	40	60	100
Core Practical IV	19PCHCR4	Inorganic Chemistry Practical – II	4				
Core Practical V	19PCHCR5	Organic Chemistry Practical - II	4				
Core Practical VI	19PCHCR6	Physical Chemistry Practical – II	4				
Self Study Course/ MOOC/ Internship	19PCHSS1/ 19PCHM31 /19PCHI31	Chemistry for National Eligibility Test	-	+2			
			30	16+2			

Semester - IV

Subject	Subject code	Title of the paper	Contact Hours/ week	Credits	Max. marks		
					CIA	ESE	Total
Core XI	19PCHC41	Inorganic Chemistry - IV	4	4	40	60	100
Core XII	19PCHC42	Organic chemistry - IV	4	4	40	60	100
Core XIII	19PCHC43	Physical Chemistry - IV	4	4	40	60	100
Core Practical IV	19PCHCR4	Inorganic Chemistry Practical - II	4	4	40	60	100
Core Practical V	19PCHCR5	Organic Chemistry Practical - II	4	4	40	60	100
Core Practical VI	19PCHCR6	Physical Chemistry Practical – II	4	4	40	60	100
Project	19PCHP41	Project	6	6	40	60	100
			30	30			

M.Sc. Computer Science

SEMESTER – I

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core I	19PCSC11	Design and analysis of algorithms	5	4	40	60	100
Core II	19PCSC12	J2EE	5	4	40	60	100
Core III	19PCSC13	Mathematical Foundations for computer science	4	4	40	60	100
Core IV	19PCSC14	Advanced computer architecture	4	4	40	60	100
Core V	19PCSC15	Neural Networks	4	4	40	60	100
Core Practical I	19PCSCR1	J2EE Lab	4	2	40	60	100
Core Practical II	19PCSCR2	Design and analysis of algorithm lab	4	2	40	60	100
			30	24			700

SEMESTER – II

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core VI	19PCSC21	DDBMS	4	4	40	60	100
Core VII	19PCSC22	.Net framework	5	4	40	60	100
Core VIII	19PCSC23	Data Mining & R Programming	5	4	40	60	100
Core IX	19PCSC24	Digital Image Processing	4	4	40	60	100
Core X	19PCSC25	Advanced Computer Networks	4	4	40	60	100
Core Practical III	19PCSCR3	Data Mining Lab (R Lab)	4	2	40	60	100
Core Practical IV	19PCSCR4	Network Simulation Lab I	4	2	40	60	100
			30	24+2			800

It is mandatory for students to complete one MOOC during the first year of study.
(19PCSM21) 2 credits

SEMESTER – III

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Core XI	19PCSC31	Wireless Communication	4	4	40	60	100
Core XII	19PCSC32	Cloud Computing & Big Data	4	4	40	60	100
Core-XIII	19PCSC33	Research Methodology	4	4	40	60	100
Elective I	19PCSE31	A. Fuzzy Logic / B. Cellular Mobile Computing	4	3	40	60	100
Elective II	19PCSE32	A. Object Oriented Software Engineering/ B. Artificial Intelligence	4	3	40	60	100
Core Practical V	19PCSCR5	Network Simulation Lab II (WAP)	4	2	40	60	100
Project	19PCSCR6	Mini Project	6	6	40	60	100
Self Study Course / MOOC/ Internship	19PCSSS1/ 19PCSM31/ 19PCSI31	Professional Ethics		+2		100	100
			30	22+2			800

SEMESTER – IV

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max. Marks		
					CIA	ESE	Total
Project	19PCSP41	Project work	30	16	100	100	200
			30	16			200

M.Com

Course Structure

Subject	Subject Code	Title of the Paper	Contact Hour/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core I	19PCOC11	Advanced Management Accounting	6	4	40	60	100
Core II	19PCOC12	Marketing Management	6	4	40	60	100
Core III	19PCOC13	Statistics for Management	6	4	40	60	100
Core IV	19PCOC14	Entrepreneurial Development	6	4	40	60	100
Core V	19PCOC15	Managerial Economics	6	4	40	60	100
		Total	30	20			500

Semester I

Semester II

Subject	Subject Code	Title of the Paper	Contact Hour/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core VI	19PCOC21	Organisational Behaviour	6	4	40	60	100
Core VII	19PCOC22	Financial Management	6	4	40	60	100
Core VIII	19PCOC23	Business Environment	5	4	40	60	100
Core IX	19PCOC24	Operations Research	5	4	40	60	100
Core X	19PCOC25	Financial Markets and Institutions	4	4	40	60	100
Elective I	19PCOE21	A. Supply Chain Management/ B. Green Marketing	4	3	40	60	100
		Total	30	23+2			600

It is mandatory for students to complete one MOOC during the first year of study. (19PCOM21). It carries two credits.

Semester III

Subject	Subject Code	Title of the Paper	Contact Hour/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core XI	19PCOC31	Advanced Corporate Accounting	6	4	40	60	100
Core XII	19PCOC32	Human Resource Management	6	4	40	60	100
Core XIII	19PCOC33	E- Commerce	5	4	40	60	100
Core XIV	19PCOC34	International Business	5	4	40	60	100
Core XV	19PCOC35	Research Methodology	4	4	40	60	100
Elective II	19PCOE31	A. Corporate Legal Framework B. Tourism Management	4	3	40	60	100
Self Study Course / MOOC	19PCOSS1/ 19PCOM31	A. Stress Management B. MOOC		+2			
		Total	30	23+2			600

Semester IV

Subject	Subject Code	Title of the Paper	Contact Hour/ Week	Credits	Max Marks		
					CIA	ESE	Total
Core XVI	19PCOC41	Advanced Cost Accounting	6	4	40	60	100
Core XVII	19PCOC42	Taxation & Tax Planning	6	4	40	60	100
Core XVIII	19PCOC43	Computerised Accounting Packages Tally ERP.9	5	4	40	60	100
Core XIX	19PCOC44	Computerised Accounting Packages Tally ERP.9 Practicals.	5	4	40	60	100
Core XX	19PCOP41	Project	8	8	40	60	100
		Total	30	24			500

M.A. Economics**Semester - I**

Subject	Sub.Code	Title of the Papers	Hrs/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
Core I	19PECC11	Advanced Micro Economic Analysis - 1	6	4	40	60	100
Core II	19PECC12	Advanced Macro Economic Analysis - I	6	4	40	60	100
Core III	19PECC13	Statistics	6	4	40	60	100
Core IV	19PECC14	Economics of Infrastructure	4	4	40	60	100
Elective I	19PECE11	Environmental Economics/ Basic Econometric Analysis	4	3	40	60	100
Elective II	19PECE12	Energy Economics / Gender Economics	4	3	40	60	100
		Total	30	22	240	360	600

Semester II

Subject	Sub. Code	Title of the Papers	Hrs/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
Core V	19PECC21	Advanced Micro Economic Analysis - II	6	4	40	60	100
Core VI	19PECC22	Advanced Macro Economic Analysis - II	6	4	40	60	100
Core VII	19PECC23	Welfare Economics	6	4	40	60	100
Core VIII	19PECC24	Mathematics For Economists	4	4	40	60	100
Elective III	19PECE21	Modern Banking / Economics of Tourism	4	3	40	60	100
Elective IV	19PECE22	Health Economics / International Economics	4	3	40	60	100
		Total	30	22	240	360	600

It is mandatory for students to complete one MOOC during the first year of study. (19PECM21)
2 Credits

Semester III

Subject	Sub. Code	Title of the Papers	Hrs/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
Core IX	19PECC31	Growth and Development of Economics	6	4	40	60	100
Core X	19PECC32	Indian Economy	6	4	40	60	100
Core XI	19PECC33	Social Economics	6	4	40	60	100
Core XII	19PECC34	Research Methodology	4	4	40	60	100
Elective V	19PECE31	Marketing Management / Computer Applications in Economic Analysis	4	3	40	60	100
Elective VI	19PECE32	Human Resource Development / Logistics Management	4	3	40	60	100
Self Study Course / MOOC	19PECSS1/ 19PEMO31						
		Total	30	22	240	360	600

Semester IV

Subject	Sub. Code	Title of the Papers	Hrs/ Week	Credit	Maximum Marks		
					CIA	ESE	Total
Core - XIII	19PECC41	Indian Economic History and Thought	6	4	40	60	100
Core- XIV	19PECC42	Demography	6	4	40	60	100
Core - XV	19PECC43	Financial Institutions & Markets	5	4	40	60	100
Core - XVI	19PECC44	Monetary Economics	5	4	40	60	100
Core - XVII	19PECP45	Project	8	8	40	60	100
		Total	30	24	200	300	500

MHRM**SEMESTER I**

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max Marks		
					CIA	ESE	Total
Core I	19PHRC11	Principles of Management	6	4	40	60	100
Core II	19PHRC12	Fundamentals of Human resource Management	6	4	40	60	100
Core III	19PHRC13	Accounting for Managers	6	4	40	60	100
Core IV	19PHRC14	Psychology for Human Resource Management	6	4	40	60	100
Core V	19PHRC15	Industrial Relations	6	4	40	60	100
		Total	30	20			

SEMESTER – II

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max Marks		
					CIA	ESE	Total
Core VI	19PHRC21	Organisational Behaviour	4	4	40	60	100
Core VII	19PHRC22	Labour Legislations	6	4	40	60	100
Core VIII	19PHRC23	Human Resource Planning and Development	6	4	40	60	100
Core IX	19PHRC24	Recruitment and Selection	6	4	40	60	100
Core X	19PHRC25	Total Quality Management	4	4	40	60	100
Core XI Practical – I	19PHRCR1	Soft Skill Development	4	2	40	60	100
MOOC	19PHMO21						
		Total	30	22+2			

It is mandatory for students to complete one MOOC during the first year of study.
(19PHRM21)

SEMESTER – III

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max Marks		
					CIA	ESE	Total
Core XII	19PHRC31	Research Methodology	5	4	40	60	100
Core XIII	19PHRC32	Compensation Management	5	4	40	60	100
Core XIV	19PHRC33	Statistics for Management	5	4	40	60	100
Elective I	19PHRE31	Performance Management/ Business Ethics, Corporate Social Responsibility and Governance	4	3	40	60	100
Elective II	19PHRE32	Managerial Economics / Business Environment	4	3	40	60	100
Core XV	19PHRI31	Summer Internship	8	8	40	60	100
Self Study/ MOOC	19PHRSS1/ 19PHMO31			2			
			30	26 + 2			

SEMESTER – IV

Subject	Subject Code	Title of the Paper	Contact Hours / Week	Credits	Max Marks		
					CIA	ESE	Total
Core XVI	19PHRC41	Strategic Management	6	4	40	60	100
Core XVII	19PHRC42	Human Resource Information System	6	4	40	60	100
Elective- III	19PHRE41	Training and Development / International Human Resource Management	5	3	40	60	100
Elective – IV	19PHRE42	Coaching, Mentoring and Counselling / Entrepreneurship	5	3	40	60	100
Core XVIII	19PHRP41	Project	8	8	50	50	100
			30	22			