



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

DEPARTMENT: BCA

Part	Title of the Course	Hours/ Week	Examination				Credits
			Duration in Hours	Maximum Marks			
				CIA	CEE	Total	
Semester I							
I	Language-I	6	3	50	50	100	4
II	English-I	6	3	50	50	100	4
III	Core1: Computing Fundamentals and C Programming	4	3	50	50	100	4
III	Core2: Digital Fundamentals and Computer Architecture	4	3	50	50	100	4
III	Core Lab 1: Programming Lab-C	3	3	50	50	100	4
III	Allied 1: Mathematical Structures for Computer Science	5	3	50	50	100	4
IV	Environmental Studies*	2	3	-	50	50	2
Total		30		300	350	650	26
Semester II							
I	Language-II	6	3	50	50	100	4
II	English-II	6	3	50	50	100	4
III	Core3: C++ Programming	5	3	50	50	100	4
III	Core Lab 2: Programming Lab-C++	4	3	50	50	100	4
III	Core Lab 3: Internet Basics	2	3	25	25	50	2
III	Allied 2: Discrete Mathematics	5	3	50	50	100	4
IV	Value Education - Human Rights*	2	3	-	50	50	2
Total		30		275	325	600	24
Semester III							
III	Core4: Data Structures	6	3	50	50	100	4
III	Core5: Java Programming	6	3	50	50	100	4
III	Core Lab 4: Programming Lab - Java	5	3	50	50	100	4
III	Allied 3: Computer Based Optimization Techniques	6	3	50	50	100	4
III	Skill based Subject 1: Web Programming	5	3	30	45	75	3
IV	Tamil**/ Advanced Tamil* (OR) Non-major elective I (Yoga for Human Excellence)* / Women's Rights*	2	3	-	50	50	2
Total		30		230	295	525	21
Semester IV							
III	Core6: System Software and Operating System	6	3	50	50	100	4
III	Core7: Linux and Shell Programming	6	3	50	50	100	4
III	Core Lab 5: Linux and Shell Programming Lab	6	3	50	50	100	4
III	Allied 4: Business Accounting	6	3	50	50	100	4
III	Skill based Subject 2 Lab: Web Programming - Lab	4	3	30	45	75	3
IV	Tamil**/ Advanced Tamil* (OR) Non-major elective - II (General Awareness*)	2	3	-	50	100	2
Total		30		230	295	525	21
Semester V							
III	Core8: RDBMS & Oracle	6	3	50	50	100	4
III	Core9: Visual Basic	6	3	50	50	100	4
III	Core Lab 6: Programming Lab - VB & Oracle	6	3	50	50	100	4



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III	Elective– I:IntroductiontoCompilerDesign/PHP&Sc riptiongLanguage/ PYTHONProgramming	6	3	50	50	100	4
III	Skill based Subject 3: CASE ToolsConceptsandApplications	6	3	30	45	75	3
	Total	30		230	245	475	19
SemesterVI							
III	Core10:Graphics&Multimedia	6	3	50	50	100	4
III	Core11:Project WorkLab%%	8	-	100	100	200	8
III	Core7: ProgrammingLab –Graphics &Multimedia	3	3	50	50	100	4
III	Elective– II:ComputerNetworks/DotNetprogramming/Dist ributedComputing	5	3	50	50	100	4
III	Elective–III:InternetofThings(IoT)/ WebServices/SoftwareTesting	5	3	50	50	100	4
III	SkillBasedSubject4: CASETools Lab	3	3	30	45	75	3
V	ExtensionActivities**	-	-	50	-	50	2
	Total	30		380	345	725	29
	GrandTotal			1645	1855	3500	140



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

DEPARTMENT: B.SC COMPUTER SCIENCE

Part	Title of the Course	Hours/ Week	Examination				Credits
			Duration in Hours	Maximum Marks			
				CIA	CEE	Total	
Semester I							
I	Language – I	6	3	50	50	100	4
II	English – I	6	3	50	50	100	4
III	Core 1: Computing Fundamentals and C Programming	4	3	50	50	100	4
III	Core 2: Digital Fundamentals and Computer Architecture	4	3	50	50	100	4
III	Core Lab 1: Programming Lab – C	3	3	50	50	100	4
III	Allied 1: Mathematical Structures for Computer Science	5	3	50	50	100	4
IV	Environmental Studies*	2	3	-	50	50	2
Total		30		300	350	650	26
Semester II							
I	Language – II	6	3	50	50	100	4
II	English – II	6	3	50	50	100	4
III	Core 3: C++ Programming	5	3	50	50	100	4
III	Core Lab 2: Programming Lab - C++	4	3	50	50	100	4
III	Core Lab 3: Internet Basics	2	3	25	25	50	2
III	Allied 2: Discrete Mathematics	5	3	50	50	100	4
IV	Value Education – Human Rights*	2	3	-	50	50	2
Total		30		275	325	600	24
Semester III							
III	Core 4: Data Structures	6	3	50	50	100	4
III	Core 5: Java Programming	6	3	50	50	100	4
III	Core Lab 4: Programming Lab – Java	5	3	50	50	100	4
III	Allied 3: Computer Based Optimization Techniques	6	3	50	50	100	4
III	Skill based Subject 1: Software Engineering and Software Project Management	5	3	30	45	75	3
IV	Tamil** / Advanced Tamil* (OR) Non-major elective - I (Yoga for Human Excellence)* / Women's Rights*	2	3	-	50	50	2
Total		30		230	295	525	21
Semester IV							
III	Core 6: System Software and Operating System	6	3	50	50	100	4
III	Core 7: Linux and Shell Programming	6	3	50	50	100	4
III	Core Lab 5: Linux and Shell Programming Lab	6	3	50	50	100	4
III	Allied 4: Business Accounting	6	3	50	50	100	4
III	Skill based Subject 2 Lab: Software Project Management – Lab	4	3	30	45	75	3
IV	Tamil**/Advanced Tamil* (OR) Non-major elective -II (General Awareness*)	2	3	-	50	50	2
Total		30		230	295	525	21



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND

PROGRAMME-WISE COURSE DETAILS

Semester V							
III	Core 8: RDBMS & Oracle	6	3	50	50	100	4
III	Core 9: Visual Basic	6	3	50	50	100	4
III	Core 6: Programming Lab – VB & Oracle	6	3	50	50	100	4
III	Elective - I PYTHON Programming/ Computer Networks / Organizational Behavior	6	3	50	50	100	4
III	Skill based Subject 3: Software Testing	6	3	30	45	75	3
	Total	30		230	245	475	19
Semester VI							
III	Core 10: Graphics & Multimedia	6	3	50	50	100	4
III	Core 11: Project Work Lab %%	8	-	100	100	200	8
III	Core Lab 7: Programming Lab – Graphics & Multimedia	3	3	50	50	100	4
III	Elective – II : Network Security and Cryptography / Artificial Intelligence and Expert Systems / Web Technology	5	3	50	50	100	4
III	Elective – III : Data Mining / Open Source Software / Internet of Things (IoT)	5	3	50	50	100	4
III	Skill Based Subject 4 (Lab) : Software Testing Lab	3	3	30	45	75	3
V	Extension Activities**	-	-	50	-	50	2
	Total	30		380	345	725	29
	Grand Total			1645	1855	3500	140



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

DEPARTMENT: B.SC INFORMATION TECHNOLOGY

Part	Title of the Course	Hours/ Week	Examination				Credits
			Duration in Hours	Maximum Marks			
				CIA	CEE	Total	
Semester I							
I	Language - I	6	3	50	50	100	4
II	English - I	6	3	50	50	100	4
III	Core Paper I Computing Fundamentals and C Programming	4	3	50	50	100	4
III	Core Paper II Digital Fundamentals and Computer Architecture	4	3	50	50	100	4
III	Core Practical – I Programming Lab - C	3	3	50	50	100	4
III	Allied A: Paper I Mathematical Structures for Computer Science	5	3	50	50	100	4
IV	Environmental Studies*	2	3	-	50	50	2
Total		30		300	350	650	26
Semester II							
I	Language – II	6	3	50	50	100	4
II	English – II	6	3	50	50	100	4
III	Core Paper 3: C++ Programming	5	3	50	50	100	4
III	Core Lab 2: Programming Lab - C++	4	3	50	50	100	4
III	Core Lab 3: Internet Basics	2	3	25	25	50	2
III	Allied A: Paper II Discrete Mathematics	5	3	50	50	100	4
IV	Value Education – Human Rights*	2	3	-	50	50	2
Total		30		275	325	600	24
Semester III							
III	Core Paper 4: Data Structures	6	3	50	50	100	4
III	Core Paper 5: Java Programming	6	3	50	50	100	4
III	Core Lab 4: Programming Lab - Java	5	3	50	50	100	4
III	Allied B: Paper I Microprocessor & ALP	6	3	50	50	100	4
III	Skill based Subject 1: Introduction to web design & Applications	5	3	30	45	75	3
IV	Tamil** / Advanced Tamil* (OR) Non-major elective - I (Yoga for Human Excellence)* / Women's Rights*	2	3	-	50	50	2
Total		30		230	295	525	21
Semester IV							
III	Core Paper 6: System Software and Operating System	6	3	50	50	100	4
III	Core Paper 7: Linux and Shell Programming	6	3	50	50	100	4
III	Core Lab – 5: Linux and Shell Programming Lab	6	3	50	50	100	4
III	Allied 4: Business Accounting	6	3	50	50	100	4
III	Skill based Subject 2 Lab: HTML, XML and JavaScript- Lab	4	3	30	45	75	3
IV	Tamil**/Advanced Tamil* (OR) Non-major elective -II (General Awareness*)	2	3	-	50	50	2
Total		30		230	295	525	21



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

Semester V							
III	Core Paper 8: RDBMS & Oracle	6	3	50	50	100	4
III	Core Paper 9: Visual Basic	6	3	50	50	100	4
III	Core Lab 6: Programming Lab – VB & Oracle	6	3	50	50	100	4
III	Elective - I Soft Computing/ Animation Techniques / Business Intelligence	6	3	50	50	100	4
III	Skill based Subject 3: Dot Net Programming	6	3	30	45	75	3
	Total	30		230	245	475	19
Semester VI							
III	Core 10: Graphics & Multimedia	6	3	50	50	100	4
III	Core 11: Project Work Lab %%	8	-	100	100	200	8
III	Core Lab 7: Programming Lab – Graphics & Multimedia	3	3	50	50	100	4
III	Elective – II: Network Security and Administration/ Mobile Computing / Python Programming	5	3	50	50	100	4
III	Elective III Internet of Things (IoT)/ Component Technology/ E-Commerce	5	3	50	50	100	4
III	Skill Based Subject 4 (Lab) : Dot Net Lab	3	3	30	45	75	3
V	Extension Activities**	-	-	50	-	50	2
	Total	30		380	345	725	29
	Grand Total			1645	1855	3500	140



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND
PROGRAMME-WISE COURSE DETAILS

DEPARTMENT:BCOM

Part	Title of the Course	Credits	Hours		Maximum Marks		
			Theory	Practical	CIA	ESE	Total
I	Language-I	4	6	-	50	50	100
II	English-I	4	6	-	50	50	100
III	Core I – Principles of Accountancy	4	5	-	50	50	100
III	Core II–Business Organization & Office Management	4	5	-	50	50	100
III	Allied Paper I–Agricultural Economy of India	4	6	-	50	50	100
IV	Environmental Studies#	2	2	-	-	50	50
SEMESTER II							
I	Language-II	4	6	-	50	50	100
II	English-II	4	6	-	50	50	100
III	Core III–Financial Accounting	4	5	-	50	50	100
III	Core IV – Principles of Marketing	4	5	-	50	50	100
III	Allied Paper II –Economic Analysis	4	6	-	50	50	100
IV	Value Education – Human Rights#	2	2	-	-	50	50
SEMESTER III							
III	Core V – Higher Financial Accounting	4	7		50	50	100
III	Core VI–Commercial Law	4	6		50	50	100
III	Core VII – Principles of Management	4	6		50	50	100
III	Allied : III - Mathematics for Business	4	6		50	50	100
IV	Skill based Subject -I : Business Application Software-I	3	3		30	45	75
IV	Tamil @ / Advanced Tamil # (or) Non-Major Elective –I Yoga for Human Excellence # / Women's Rights # Constitution of India #	2	2			50	50



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SEMESTER IV							
III	Core VIII – Corporate Accounting-I	4	5		50	50	100
III	CoreIX– ComputerApplicationsinBusiness	4	4		50	50	100
III	CoreX–Company L awandSecretarialPractice	4	4		50	50	100
III	CoreXI – Executive BusinessCommunicatio n	3	3		50	50	100
III	CoreXII–BankingTheory	3	3		50	50	100
III	Allied: IV:StatisticsforBusiness	4	6		50	50	100
IV	Skill based Subject-2: ComputerApplications(MS-Word andMS-Excel)-Practical–I	3	-	3	30	45	75
IV	Tamil @ / Advanced Tamil # (or)Non-major elective -II: GeneralAwareness#	2	2		50		50
SEMESTER V							
III	Core XIII –Corporate Accounting-II	4	6		50	50	100
III	Core XIV – Banking Law andPractices	4	5		50	50	100
III	CoreXV– Cost Accounting	4	5		50	50	100
III	CoreXVI– IncomeTaxLawandPractice	4	6		50	50	100
III	Elective–I:	4	5		50	50	100
IV	Skill based Subject-3: Business ApplicationSoftwareII	3	3		30	45	75
SEMESTER VI							
III	Core XVII – ManagementAccounting	4	6		50	50	100
III	CoreXVIII-Principlesof Auditing	4	5		50	50	100
III	CoreXIX-IndirectTaxes	4	6		50	50	100
III	Elective–II:	4	5		50	50	100
III	Elective–III:	4	5		50	50	100
IV	Skill based Subject-4: ComputerApplications:MS- PowerPoint,MS- AccessandTally9.2 –PracticalII	3	-	3	30	45	75
IV	ExtensionActivities @	2	-	-	50	-	50
	Total	30		380	345	725	29



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

	Grand Total		1645	1855	3500	140
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**EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND
PROGRAMME-WISE COURSE DETAILS**

DEPARTMENT: B SC ZOOLOGY

Part	TITLE OF THE COURSE	Credits	HOURS		MAXIMUM MARKS		
			Theory	Practical	CIA	ESE	Total
FIRST SEMESTER							
I	Language I	4	6	-	25	75	100
II	English I	4	6	-	25	75	100
III	Core Course I: Animal Diversity Non Chordate	4	6	-	25	75	100
III	Core Practical I	-	-	4	-	-	-
III	Allied A Course I Chemistry/Botany/ Biochemistry	3	4		20	55	75
III	Allied Practical	-	-	2	-	-	-
IV	Environmental Studies	2	2	-	-	50	50
	Total	17	-	-	-	-	425
SECOND SEMESTER							
I	Language II	4	6	-	25	75	100
II	English II	4	6	-	25	75	100
III	Core Course II: Animal Diversity – Chordate	4	6	-	25	75	100
III	Core Practical I	4	-	4	40	60	100
III	Allied A Course II Chemistry /Botany/Biochemistry	3	4	-	20	55	75
III	Allied Practical	2	-	2	20	30	50



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IV	Value Education – Human Rights	2	2	-	-	50	50
	Total	23	-	-	-	-	575
THIRD SEMESTER							
I	Part I-Language III	4	6	-	25	75	100
II	Part II-English III	4	6	-	25	75	100
III	Core Course III: Comparative Anatomy of Vertebrates.	4	5	-	25	75	100
III	Core Practical II	-	-	2	-	-	-
III	Allied B Course I Botany /Chemistry/ Biochemistry	3	4	-	20	55	75
III	Allied Practical	-	-	2	-	-	-
IV	Skill Based I: Sericulture	3	3	-	20	55	75
IV	Non Major Elective I *	2	2	-	-	50	50
	Total	20	-	-	-	-	500

FOURTH SEMESTER							
I	Part I-Language IV	4	6	-	25	75	100
II	Part II-English IV	4	6	-	25	75	100
III	Core Course IV: Ecology, Evolution and Zoogeography	4	5	-	25	75	100
III	Core Practical II	4	-	2	40	60	100
III	Allied B Course II Botany/Chemistry/ Biochemistry	3	4	-	20	55	75
III	Allied Practical	2	-	2	20	30	50
IV	Skill Based II: Biostatistics and	3	3	-	20	55	75



**EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND
PROGRAMME-WISE COURSE DETAILS**

	Computer Applications						
IV	Non Major Elective I *	2	2	-	-	50	50
	Total	26	-	-	-	-	650
	FIFTH SEMESTER						
III	Core Course V: Cell Biology and Biochemistry.	4	5	-	25	75	100
III	Core Course VI: Microbiology	4	5	-	25	75	100
III	Core Course VII: Genetics and Immunology	4	5	-	25	75	100
III	Core Practical III	-	-	2	-	-	-
III	Core Practical IV	-	-	2	-	-	-
III	Elective Course I: A/B/C#	3	3	-	20	55	75
III	Elective Course II: A/B/C#	3	3	-	20	55	75
III	Elective Course III: Practical#	-	-	2	-	-	-
IV	Skill Based Course III: Biophysics and Instrumentation.	3	3	-	20	55	75
	TOTAL	21	-	-	-	-	525
	SIXTH SEMESTER						
III	Core Course VIII: Animal Physiology.	4	5	-	25	75	100
III	Core Course IX: Developmental Biology.	4	5	-	25	75	100
III	Core Course X: Biotechnology.	4	5	-	25	75	100
III	Core Practical III	4	-	2	40	60	100



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III	Core Practical IV	4	-	2	40	60	100
III	Elective Course I: A/B/C#	3	3	-	20	55	75
III	Elective Course II: A/B/C#	3	3	-	20	55	75
III	Elective Course III: Practical#	2	-	2	20	30	50
	Skill Based Course IV: Practical	3	-	2	30	45	75
	Extension activities**	2	1	-	-	-	50
	TOTAL						825
	GRAND TOTAL						3500

List of Elective Courses

Elective Course I - A. Human Genetics and Counselling – Course I & II

B. Pest and their control - Course I & II

C. Wildlife Management and Conservation- Course I & II

Elective Course II- Pathology and Clinical Laboratory Technology- Course I & II

B. Poultry Science & Management- Course I & II

C. Apiculture- Course I & II

Elective Course III- A. Pathology and Clinical Laboratory Technology- Practicals

B. Poultry Science & Management- Practicals

C. Apiculture- Practicals



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

DEPARTMENT: BA ENGLISH LITERATURE

part	Title of the Course	Credits	Hours		Maximum Marks		
			Theory	Practical	CIA	ESE	Total
FIRST SEMESTER							
I	TAMIL I	4	6		25	75	100
II	ENGLISH I	4	6		25	75	100
III	CORE I – PROSE I	3	5		20	55	75
IV	CORE II – FICTION I	3	5		20	55	75
V	ALLIED I – Social History of England	4	6		25	75	100
VI	Environmental Studies	2	2		--	50	50
VII	PROFESSIONAL ENGLISH COURSE – Add on course.						
Total		20	30				500
SECOND SEMESTER							
I	TAMIL II	4	6		25	75	100
II	ENGLISH II	4	6		25	75	100
III	CORE III – POETRY I	4	5		25	75	100
IV	CORE IV – DRAMA I	4	5		25	75	100
V	ALLIED II – History of English Literature	4	6		25	75	100
VI	Value – Education – Human Rights#	2	2		--	50	50
VII	PROFESSIONAL ENGLISH COURSE – Add on course.						
Total		22	30				550
THIRD SEMESTER							
I	TAMIL III	4	6		25	75	100
II	ENGLISH I	4	6		25	75	100
III	CORE V – PROSE II	4	4		25	75	100
IV	CORE VI – FICTION II	4	4		25	75	100
V	ALLIED III – Literary Forms	4	5		25	75	100
VI	JOB ORIENTED COURSE – PAPER 1- Language skill I	3	3		20	55	75
VII	Tamil@/Advanced Tamil# (OR) Non -Major Elective – I (Yoga for Human Excellence) # / Women's Rights#	2	2		--	50	50
Total		25	30				625



**EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND
PROGRAMME-WISE COURSE DETAILS**

FOURTH SEMESTER							
I	TAMIL IV	4	6		25	75	100
II	ENGLISH IV	4	6		25	75	100
III	CORE VII – POETRY II	4	4		25	75	100
IV	CORE VIII – DRAMA II	4	4		25	75	100
V	ALLIED IV –Literary Criticism	4	5		25	75	100
VI	JOB ORIENTED COURSE – PAPER II- Language skill II	3	3		20	55	75
VII	Tamil@/Advanced Tamil# (OR) Non -Major Elective –II- General Awareness	2	2		--	50	50
Total		25	30				625
FIFTH SEMESTER							
I	CORE IX – SHAKESPEARE -I	4	6		25	75	100
II	CORE X – INDIAN WRITING IN ENGLISH	4	6		25	75	100
III	CORE XI – AMERICAN LITERATURE	4	6		25	75	100
IV	CORE XII – OMMONWEALTH LITERATURE	4	5		25	75	100
V	ELECTIVE –I	4	4		25	75	100
VI	VALUE ADDED COURSE – PAPER I- Study of English Phonetics- I	3	3		20	55	75
Total		23	30				575
SIXTH SEMESTER							
I	CORE XIII – SHAKESPEARE-II	4	6		25	75	100
II	CORE XIV – INTENSIVE STUDY OF AN AUTHOR – TAGORE	4	6		25	75	100
III	CORE XV– INDIAN LITERATURE IN ENGLISH TRANSLATION	4	5		25	75	100
IV	ELECTIVE –II	4	5		25	75	100
V	ELECTIVE –III	4	5		25	75	100
VI	VALUE ADDED COURSE – PAPER II- Study of English Phonetics- II	3	3		20	55	75
VII	Extension Activities@	2	-		50	--	50
Total		25	30				625



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

Grand Total	140					3500
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List of Elective Papers

ELECTIVE	A	ENGLISH FOR COMPETITIVE EXAMS
	B	STUDY OF INDIAN THEATER
	C	PUBLIC SPEAKING
ELECTIVE	A	COMMUNICATIVE ENGLISH
	B	FUNDAMENTALS OF COMPARATIVE LITERATURE
	C	WRITING SKILLS
ELECTIVE	A	INTRODUCTION TO LINGUISTICS
	B	STUDYING NOVELS
	C	TRANSLATION TASKS



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

DEPARTMENT :B.SC MATHEMATICS

Part	Title of the Course	Hours/ Week	Examination				Cr edi ts
			Duration inHours	Maximum Marks			
				CIA	CEE	Total	
Semester I							
I	Language - I	6	3	50	50	100	4
II	English - I	6	3	50	50	100	4
III	Core Paper I - Classical Algebra	4	3	50	50	100	4
III	Core Paper II-Calculus	5	3	50	50	100	4
III	Allied A : Paper I Chosen by the college	7	3	50	50	100	4
IV	Environmental Studies*	2	3	-	50	50	2
Total		30		250	300	550	22
Semester II							
I	Language – II	6	3	50	50	100	4
II	English – II	6	3	50	50	100	4
III	Core Paper III - Analytical Geometry	4	3	50	50	100	4
III	Core Paper IV-Trigonometry, Vector Calculus and Fourier Series	5	3	50	50	100	4
III	Allied A: Paper II Chosen by the College	7	3	50	50	100	4
IV	Value Education – Human Rights*	2	3	-	50	50	2
Total		30		250	300	550	22
Semester III							
I	Language – III	6	3	50	50	100	4
II	English – III	6	3	50	50	100	4
III	Core Paper V- Differential Equations and Laplace Transforms.	3	3	50	50	100	4
III	Core Paper VI- Statics	3	3	50	50	100	4
III	Allied B : Paper I – Chosen by the college	7	3	30	45	75	3
IV	Skill based Subject - Operations Research -I	3	3	30	45	75	3
IV	Tamil** / Advanced Tamil* (OR) Non-major elective - I (Yoga for Human Excellence)* / Women's	2	3		50	50	2



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

	Rights*						
	Total	30		260	340	600	24

Semester IV							
I	Language – IV	6	3	50	50	100	4
II	English – IV	6	3	50	50	100	4
III	Core Paper VII-Dynamics	3	3	50	50	100	4
III	Core Paper VIII- Programming in C	2	3	30	45	75	3
III	Core Paper VIII -Programming in C Practical	1	3	10	15	25	1
III	Allied B - Paper II Chosen by the college	5	3	30	45	75	3
III	Allied B - Paper II Chosen by the college (For Practical Paper)	2	3	25	25	50	2
IV	Skill based Subject - Operations Research – Paper II	3	3	30	45	75	3
IV	Tamil**/Advanced Tamil* (OR) Non-major elective -II (General Awareness*)	2	3		50	50	2
	Total	30		275	375	650	26
Semester V							
III	Core Paper IX-Real Analysis-I	5	3	50	50	100	4
III	Core Paper X- Complex Analysis-I	6	3	50	50	100	4
III	Core Paper XI- Modern Algebra-I	6	3	50	50	100	4
III	Core Paper XII- Discrete Mathematics	5	3	50	50	100	4
III	Elective I	5	3	30	45	75	3
IV	Skill based Subject - Operations Research - Paper III	3	3	30	45	75	3
	Total	30		260	290	550	22
Semester VI							
III	Core Paper XIII - Real Analysis-II	5	3	50	50	100	4
III	Core Paper XIV - Complex Analysis-II	6	3	50	50	100	4
III	Core Paper XV -Modern Algebra-II	6	3	50	50	100	4
III	Elective II	5	3	30	45	75	3
III	Elective III	5	3	50	50	100	4
IV	Skill Based Subject - Operations Research- Paper IV	3	3	30	45	75	3
V	Extension Activities ** / Swachh Bharath@			50		50	2



**EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND
PROGRAMME-WISE COURSE DETAILS**

	Total	30		310	290	600	24
	Grand Total	180		1605	1895	3500	140
All computer papers have theory and practical exams #							
	Theory			30	45	75	100
	Practicals			10	15	25	



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

DEPARTMENT :B.COM CA

Part	Title of the Course	Credits	Hours		Maximum Marks		
			Theory	Practical	CIA	ESE	Total
I	Language-I	4	6	-	50	50	100
II	English-I	4	6	-	50	50	100
III	Core I – Principles of Accountancy	4	4	-	50	50	100
III	Core II – Introduction to Information Technology	4	4	-	50	50	100
III	Allied Paper I : Mathematics for Business	4	4	-	50	50	100
III	Core-IV: Computer Applications: MS Office - Practical-I	-	-	4	-	-	-
IV	Environmental Studies #	2	2	-	-	50	50
Total		22	26	4	250	300	550
SECOND SEMESTER							
I	Language-II	4	6		50	50	100
II	English-II	4	6		50	50	100
III	Core III – Advanced Accounting	4	7		50	50	100
III	Core IV–Computer Application: MS Office - Practical-I	4	-	4	50	50	100
III	Allied Paper II – Statistics for Business	4	5		50	50	100
IV	Value Education – Human Rights #	2	2		-	50	50
Total		22	26	4	250	300	550
THIRD SEMESTER							
III	Core V – Principles of Marketing	4	5		50	50	100
III	Core VI – Database Management System	4	5		50	50	100
III	Core VII – Cost Accounting	4	6		50	50	100
III	Allied : III - Managerial Economics	4	5		50	50	100
III	Core-VIII : Computer Applications: Oracle - Practical-II	-	-	4	-	-	-



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

IV	Skill based Subject-1 : Commercial Law	3	3		30	45	75
IV	Tamil @ / Advanced Tamil #(or)Non-major Elective-I : Yoga for Human Excellence # / Women's Rights # Constitution of India #	2	2		50		50
Total		21	26	4	230	295	525
FOURTH SEMESTER							
III	Core IX – Management Accounting	4	6		50	50	100
III	Core X – Object Oriented Programme with C++	4	5		50	50	100
III	Core XI – Executive Business Communication	3	3		50	50	100
III	Core XII – Computer Applications: Oracle & C++ Practical-II	4		4	50	50	100
III	Core XIII – Banking Theory	3	3		50	50	100
III	Allied: IV : Principles of Management	4	4		50	50	100
IV	Skill based Subject-2 : Company Law	3	3		30	45	75
IV	Tamil @ /Advanced Tamil # (or)Non-major elective - II : General Awareness #	2	2		50		50
Total		27	26	4	330	395	725
FIFTH SEMESTER							
III	Core XIV – Principles of Auditing	4	4		50	50	100
III	Core XV – Corporate Accounting	4	6		50	50	100
III	Core XVI – E-Commerce Technology	4	5		50	50	100
III	Core XVII – Software Development with Visual Basic	4	4		50	50	100
III	Core XVIII - Computer Applications: Visual Basic - Practical-III	-	-	4	-	-	-
III	Elective-I:	4	4		50	50	100



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

IV	Skill based Subject-3: Banking and Insurance Law	3	3		30	45	75
	Total	23	26	4	280	295	575
SIXTH SEMESTER							
III	Core XIX – Management Information System	4	6		50	50	100
III	Core XX - Internet and Web Designing	4	5		50	50	100
III	Core XXI - Computer Applications: Visual Basic & Web Designing Practical-III	4	-	4	50	50	100
III	Elective –II:	4	6		50	50	100
III	Elective –III:	4	6		50	50	100
IV	Skill based Subject- 4: Cyber Law	3	3		30	45	75
V	Extension Activities @	2	-		50	-	50
	Total	25	26	4	330	295	625
	Total	140					3550

List of Elective Papers (Colleges can choose any one of the paper as electives)

Elective – I	A	Income Tax Law & Practice
	B	Entrepreneurial Development
	C	Micro Finance
Elective – II	A	Business Finance
	B	Brand Management
	C	Supply Chain Management
Elective - III	A	Indirect Taxes
	B	Financial Markets
	C	Project Work



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

DEPARTMENT: BBA

Part	Study Components	Course Title	Ins. Hrs /Week	Examinations			Credits	
				Dur. Hrs.	CIA	Marks		Total Marks
SEMESTER-I								
I	Language-I		6	3	50	50	100	4
II	English-I		6	3	50	50	100	4
III	Core I-Principles of Management		5	3	50	50	100	4
III	Core II-Basics of Business and Business Environment		5	3	30	45	75	3
III	Allied Paper I-Mathematics and Statistics for Management		6	3	50	50	100	4
IV	Environmental Studies#		2	-	-	50	50	2
SEMESTER-II								
I	Language-II		6	3	50	50	100	4
II	English-II		6	3	50	50	100	4
III	Core III- Organizational Behavior		5	3	30	45	75	3
III	Core IV-Economics for Executives		6	3	50	50	100	4
III	Allied Paper II -Quantitative Techniques for Management		5	3	50	50	100	4
IV	Value Education- Human Rights#		2	-	-	50	50	2
SEMESTER-III								
III	Core V- Financial Accounting		5	3	50	50	100	4
III	Core VI- Production and Material Management		5	3	50	50	100	4
III	Core VII- Marketing Management		5	3	50	50	100	4
III	Core VIII-PC Software(MS Office) -Practical		5	3	30	45	75	3
III	Allied:III-Business Law		5	3	50	50	100	4
IV	Skill based Subject-1: Communication Skills I^		3	3	30	45	75	3
IV	Tamil@/Advanced Tamil#(or)Non-major elective-I Yoga for Human Excellence # / Women's Rights#Constitution of India #		2	-	50		50	2
SEMESTER-IV								
III	Core IX-Human Resource Management		5	3	50	50	100	4
III	Core X-Financial Management		5	3	50	50	100	4
III	Core XI - Financial Accounting Package - Tally(Practical only)		5	3	30	45	75	3
III	Core XII-Management Information System		5	3	50	50	100	4



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

III	Allied: IV–Taxation LawandPractice	5	3	50	50	100	4
IV	SkillbasedSubject-2:CommunicationSkillsII^	3	3	30	45	75	3
IV	Tamil@/AdvancedTamil #(or) Non-majorelective-II:GeneralAwareness#	2	-	50		50	2

SEMESTER–V							
III	CoreXIII–Cost &Management Accounting	6	3	50	50	100	4
III	CoreXIV–ResearchMethodsforManagement	5	3	50	50	100	4
III	CoreXV–Advertisingand SalesPromotion	5	3	50	50	100	4
III	CoreXVI–Business Correspondence	6	3	50	50	100	4
III	SkillEnhancer:InstitutionalTraining^	-	-	25	25	50	2
III	Elective–I:	5	3	50	50	100	4
IV	SkillbasedSubject–3:CampustoCorporate ^	3	3	30	45	75	3
SEMESTER–VI							
III	CoreXVII–EntrepreneurshipandSmallBusinessManagement	6	3	50	50	100	4
III	CoreXVIII–InvestmentManagement	6	3	50	50	100	4
III	CoreXIX–ServicesMarketing	5	3	50	50	100	4
III	Elective–II:	5	3	50	50	100	4
III	Elective–III:	5	3	50	50	100	4
IV	SkillbasedSubject–4:Soft SkillsforBusiness^	3	3	30	45	75	3
V	ExtensionActivities @	-	-	50	-	50	2
TOTAL		-	-	1585	1915	3500	140



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

DEPARTMENT: B.Sc. Computer Technology

Part	Title of the Course	Hours/ Week	Examination				Credits
			Duration in Hours	Maximum Marks			
				CIA	CEE	Total	
Semester I							
I	Language-I	6	3	50	50	100	4
II	English-I	6	3	50	50	100	4
III	Core Paper 1: Computing Fundamentals and C Programming	4	3	50	50	100	4
III	Core Paper 2: Digital Fundamentals and Computer Architecture	4	3	50	50	100	4
III	Core Practical-1: Programming Lab-C	3	3	50	50	100	4
III	Allied 1: Paper I Mathematical Structures for Computer Science	5	3	50	50	100	4
IV	Environmental Studies*	2	3	-	50	50	2
Total		30		300	350	650	26
Semester II							
I	Language-II	6	3	50	50	100	4
II	English-II	6	3	50	50	100	4
III	Core 3: C++ Programming	5	3	50	50	100	4
III	Core Lab 2: Programming Lab-C++	4	3	50	50	100	4
III	Core Lab 3: Internet Basics Lab	2	3	25	25	50	2
III	Allied 2: Discrete Mathematics	5	3	50	50	100	4
IV	Value Education - Human Rights*	2	3	-	50	50	2
Total		30		275	325	600	24
Semester III							
III	Core 4: Data Structures	6	3	50	50	100	4
III	Core 5: Java Programming	6	3	50	50	100	4
III	Core Lab 4: Programming Lab -Java	5	3	50	50	100	4
III	Allied 3: E-Commerce	6	3	50	50	100	4
III	Skill based Subject 1: Data Communication & Networks	5	3	30	45	75	3
IV	Tamil**/ Advanced Tamil*(OR) Non-major elective - I (Yoga for Human Excellence)*/Women's Rights*	2	3	-	50	50	2
Total		30		230	295	525	21
Semester IV							
III	Core 6: System Software and Operating System	6	3	50	50	100	4
III	Core 7: Linux and Shell Programming	6	3	50	50	100	4
III	Core 5: Linux and Shell Programming Lab	6	3	50	50	100	4
III	Allied 4: Business Accounting	6	3	50	50	100	4
III	Skill based Subject 2 Lab: Network Lab	4	3	30	45	75	3
IV	Tamil**/Advanced Tamil* (OR) Non-major elective-II (General Awareness*)	2	3	-	50	100	2



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

	Total	30		230	295	525	21
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Semester V							
III	Core8: RDBMS&Oracle	6	3	50	50	100	4
III	Core9: Visual Basic	6	3	50	50	100	4
III	Core6: Programming Lab -VB&Oracle	6	3	50	50	100	4
III	Elective- I Mobile Computing/Distributed Computing/ PYTHON Programming	6	3	50	50	100	4
III	Skill based Subject 3: Network Security & Management	6	3	30	45	75	3
Total		30		230	245	475	19
Semester VI							
III	Core10: Graphics & Multimedia	6	3	50	50	100	4
III	Core11: Project Work Lab % %	8	-	100	100	200	8
III	Core Lab 7: Programming Lab -Graphics & Multimedia	3	3	50	50	100	4
III	Elective - II: Middleware Technologies/ Animation Techniques/Computer Installation & Servicing	5	3	50	50	100	4
III	Elective - III: Data Mining/Embedded Systems/ Internet of Things (IoT)	5	3	50	50	100	4
III	Skill Based Subject 4 (Lab): Network Security Lab	3	3	30	45	75	3
V	Extension Activities **	-	-	50	-	50	2
Total		30		380	345	725	29
Grand Total				1645	1855	3500	140



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

DEPARTMENT :M.SC COMPUTER SCIENCE

part	Title of the Course	Credits	Hours		Maximum Marks		
			Theory	Practical	CIA	ESE	Total
FIRST SEMESTER							
I	Paper I : Analysis & Design of Algorithms	4	5		50	50	100
II	Paper II : Object Oriented Analysis and Design & C++	4	5		50	50	100
III	Paper III : Python Programming	4	5		50	50	100
IV	Paper IV : Advanced Software Engineering	4	5		50	50	100
V	Practical I : Algorithm and OOPS Lab	4		5	50	50	100
VI	Practical II : Python Programming Lab	4		5	50	50	100
Total		24	20	10			
SECOND SEMESTER							
I	Paper V : Data Mining and Warehousing	4	4		50	50	100
II	Paper VI Advanced Operating Systems	4	4		50	50	100
III	Paper VII Advanced Java Programming	4	4		50	50	100
IV	Paper VIII : Artificial Intelligence & Machine Learning	4	4		50	50	100
V	Elective – I	4	4		50	50	100
VI	Practical III: Data Mining Lab using R	4		5	50	50	100
VII	Practical IV: Advanced Java Programming Lab	4		5	50	50	100
Total		28	20	10			



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

THIRD SEMESTER							
I	Paper IX : Digital Image Processing	4	4		50	50	100
II	Paper X: Cloud Computing	4	4		50	50	100
III	Paper XI: Network Security and Cryptography	4	4		50	50	100
	Paper XII : Data Science & Analytics	4	4		50	50	100
IV	Elective – II	4	4		50	50	100
V	Practical V: Digital Image Processing Lab using MATLAB	4		4	50	50	100
VI	Practical VI : Cloud Computing Lab	4		4	50	50	100
VII	Practical VII : Web Application development & hosting	2		2	25	25	50
Total		30	20	10			
FOURTH SEMESTER							
I	Project work and Viva-voce (200 marks)	8					200*
Total		8					200
Grand Total		90					2250
ONLINE COURSES							
1.	#SWAYAM / MOOC	2					
2.	#Job oriented Certificate course	2					



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

DEPARTMENT :MA ENGLISH LITERATURE

Part	Title of the Course	Credits	Hours		Maximum Marks		
			Theory	Practical	CI A	ES E	Total
FIRST SEMESTER							
I	Paper I - BRITISH LITERATURE – I (FROM CHAUCER TO MILTON)	4	5		50	50	100
II	Paper II - AMERICAN LITERATURE	4	5		50	50	100
III	Paper III – SHAKESPEARE	4	5		50	50	100
IV	Paper IV – GRAMMAR FOR COMMUNICATION	4	5		50	50	100
V	Paper V -THE ENGLISH LANGUAGE – I	4	5		50	50	100
VI	Elective I	4	5		50	50	100
		24	30		300	300	600
SECOND SEMESTER							
I	Paper VI - BRITISH LITERATURE – II (DRYDEN TO ROMANTIC AGE)	4	5		50	50	100
II	Paper VII - INDIAN WRITING IN ENGLISH	4	5		50	50	100
III	Paper VIII - ENGLISH LITERATURE FOR COMPETITIVE EXAMINATIONS – I	4	5		50	50	100
IV	Paper IX – NEW LITERATURES IN ENGLISH	4	5		50	50	100



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

V	Paper X - THE ENGLISH LANGUAGE – II	4	5		50	50	100
VI	Elective II	4	5		50	50	100
		24	30		300	300	600
THIRD SEMESTER							
I	Paper XI - BRITISH LITERATURE – III (FROM THE VICTORIAN AGE TO THE MODERN AGE)	4	5		50	50	100
II	Paper XII - ENGLISH LITERATURE FOR COMPETITIVE EXAMINATIONS – II	3	5		50	50	75
III	Paper XIII - METHODS OF TEACHING ENGLISH	4	5		50	50	100
IV	Paper XIV – LITERARY CRITICISM AND THEORY	4	5		50	50	100
V	Paper XV - RESEARCH METHODOLOGY	4	5		50	50	100
VI	ELECTIVE III	4	5		50	50	100
		24	30		300	300	600
FOURTH SEMESTER							
I	Paper XVI - INTRODUCTION TO WOMEN'S STUDIES	4	6		50	50	100
II	Paper XVII - MASS COMMUNICATION AND JOURNALISM	4	6		50	50	100
III	PROJECT WORK	6	12		50	100	200



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

IV	ELECTIVE IV	4	6		50	50	100
		18	30		200	250	450
							2150



EMERALD HEIGHTS COLLEGE FOR WOMEN, OOTACAMUND PROGRAMME-WISE COURSE DETAILS

DEPARTMENT:M.COM

part	Title of the Course	Cre dits	Hours		Maximum Marks		
			The ory	Prac tical	CIA	ESE	Total
FIRST SEMESTER							
I	Managerial Economics	4	6	-	50	50	100
II	Corporate Accounting	4	6	-	50	50	100
III	Information Technology in Business	4	6	-	50	50	100
IV	Marketing Management	4	6	-	50	50	100
V	Elective-I :	4	6	-	50	50	100
SECOND SEMESTER							
I	Business Research Methods	4	5	-	50	50	100
II	Business Environment	4	5	-	50	50	100
III	Applied Cost Accounting	4	5	-	50	50	100
IV	Human Resource Management	4	5	-	50	50	100
V	Computer Applications: MS Office & Internet - Practical-I	4	-	5	50	50	100
VI	Elective-II :	4	5	-	50	50	100
THIRD SEMESTER							
I	Direct Taxes	4	5	-	50	50	100
II	Management Accounting	4	5	-	50	50	100
III	Financial Management	4	5	-	50	50	100
IV	Internet & E-commerce	4	5	-	50	50	100
V	Computer Applications: Tally - Practical-II	4	-	5	50	50	100
VI	Institutional Training (Report 40 marks and Viva 10 mks.)	2	-	-	50	-	50
VII	Elective-III :	4	5	-	50	50	100
FOURTH SEMESTER							
I	Investment Management	4	6		50	50	100
II	International Business	4	6		50	50	100
III	Project Work & Viva-Voce (OR) in lieu of Project work, the following two papers may be opted.	8			100	100 Marks Viva- Voce	200
IV	Principles and Practice of Insurance	4	6		50	50	100
V	Industrial Law	4	6		50	50	100
	Elective-IV :	4	6		50	50	100
Grand Total		90					2250