

06. B.A DEGREE COURSE IN ENGLISH

I SEMESTER	CREDIT	INTERNAL	EXTERNAL	MAXIMUM	HOURS
Language	3	25	75	100	6
English	3	25	75	100	6
Core Subjects- Paper-I Elizabethan Age	4	25	75	100	5
Core Subjects- Paper – II Milton and the Neo-Classical Age	4	25	75	100	5
Allied- Paper – I - An Introduction to the Social History of England	5	25	75	100	6
Non-Tamil Students: (VI Std.) Tamil Tamil Students : Non- Major Elective	2				
Skill Based Subject (soft skill)	2				2

II SEMESTER	CREDIT	INTERNAL	EXTERNAL	MAXIMUM	HOURS
Language	3	25	75	100	6
English	3	25	75	100	6
Core Subjects- Paper-III The Romantic Age	4	25	75	100	5
Core Subjects- Paper – IV The Victorian Age	4	25	75	100	5
Allied- Paper – I - An Introduction to the Literary Forms	5	25	75	100	6
Non-Tamil Students: (VI Std.) Tamil Tamil Students : Non- Major Elective	2				
Skill Based Subject	2				2

06. B.A. DEGREE COURSE IN ENGLISH

THIRD SEMESTER

Course Components	Subjects	Inst. hrs	Credits	Exam Hours	MAXIMUM MARKS		
					Ext. Marks	Int. Marks	Total
Part I	Languages -Paper III		3	3	75	25	100
Part II	English - Paper III		3	3	75	25	100
Part III Core Course	Paper-V- Twentieth Century Paper I – Prose and Drama		4	3	75	25	100
Core Subject-	Paper – VI - Modern English Grammar and Usage		4	3	75	25	100
Allied Subject	Paper III - History of English Literature – 1500 - 1798		5	3	75	25	100
Part IV 2.Soft Skill III			3		60	40	100
3. Environmental Studies					Examination will be held in IV semester		

FOURTH SEMESTER

Course Components	Subjects	Inst. hrs	Credits	Exam Hours	MAXIMUM MARKS		
					Ext. Marks	Int. Marks	Total
Part I	Languages -Paper IV		3	3	75	25	100
Part II	English - Paper IV		3	3	75	25	100
Part III Core Course	Paper-VII – Twentieth Century Paper I – Poetry and Fiction		4	3	75	25	100
Core Subject-	Paper – VIII - History of English Language		4	3	75	25	100
Allied Subject	Paper IV - History of English Literature – 1798 - Present Day		5	3	75	25	100
Part IV 2.Soft Skill IV			3		60	40	100
3. Environmental Studies					75	25	100

FIFTH SEMESTER

Course Components	Subjects	Inst. hrs	Credits	Exam Hours	MAXIMUM MARKS		
					Ext.	Int.	Total
Part III Core Courses	Paper - IX - Shakespeare I		4	3	75	25	100
	Paper - X - Indian Writing in English		4	3	75	25	100
	Paper-XI- American Literature I - Prose and Drama		4	3	75	25	100
	Paper – XII – An Introduction to General Linguistics and Communication		4	3	75	25	100
Project or Electives	Elective Paper – I - Post Colonial Literatures in English		5	3	75	25	100
Part IV Value Education							

SIXTH SEMESTER

Course Components	Subjects	Inst. hrs	Credits	Exam Hours	MAXIMUM MARKS		
					Ext.	Int.	Total
Part III Core Courses	Paper - XIII – Shakespeare II		4	3	75	25	100
	Paper - XIV - American Literature II – Poetry and Fiction		4	3	75	25	100
	Paper- XV – English Phonetics and Phonology		4	3	75	25	100
Project/ Electives	Elective Paper II - Indian Literatures in Translation		5	3	75	25	100
	Elective Paper III – Journalism		5	3	75	25	100
Part V Extension Activities							

APPENDIX-13(R & S)
UNIVERSITY OF MADRAS
B.A. DEGREE COURSE IN ENGLISH

(With effect from the academic year 2016-2017 onwards)

Revised Scheme of Examinations

I SEMESTER

Course Component	Name of the Course	Ins Hrs	Credits	Int. Marks	Ext. Marks	Total
PART I	Language Paper I	4	3	25	75	100
PART II	English Paper - I	4	3	25	75	100
PART III	Core Paper-I:British Literature I	5	4	25	75	100
	Core Paper – II: Indian Writing in English	5	4	25	75	100
	Allied Paper –I :Background to the Study of English Literature I	6	5	25	75	100
PART IV	* Basic Tamil / Advanced Tamil / NME	2	2	25	75	100
	Soft Skill - I	2	2	50	50	100

II SEMESTER

Course Component	Name of the Course	Ins Hrs	Credits	Int. Marks	Ext. Marks	Total
PART I	Language Paper II	4	3	25	75	100
PART II	English Paper II	4	3	25	75	100
PART III	Core Paper-III: British Literature II	5	4	25	75	100
	Core Paper– IV:Regional Indian Literature in Translation	5	4	25	75	100
	Allied Paper – II: Background to the study of English Literature II	6	5	25	75	100
PART IV	*Basic Tamil / Advanced Tamil / NME	2	2	25	75	100
	Soft Skill - II	2	2	50	50	100

- * (a) Non-Tamil Students upto XII Std must be studied " Basic Tamil " comprising of two course in degree level
 (b) Tamil Students upto XII Std, taken Non-Tamil Language under Part-I at degree level shall be taken " Advanced Tamil " comprising of two courses.
 (c) Tamil Students upto XII Std and taken Tamil under Part-I Language at degree level shall be chosen "Non- Major Electives " at degree level

THIRD SEMESTER

Course Component	Name of the Course	Ins Hrs	Credits	Ext. Marks	Int. Marks	Total
PART I	Languages Paper III	6	3	25	75	100
PART II	English Paper III	4	3	25	75	100
PART III	Core Paper-V: British Literature III	6	4	25	75	100
	Core Paper – VI: Modern English Language and Usage	6	4	25	75	100
	Allied Paper III : Myth and Literature	6	5	25	75	100
PART IV	Soft Skill - III	2	3	50	50	100
	Environmental Studies	Examination will be held in IV semester				

FOURTH SEMESTER

Course Component	Name of the Course	Ins Hrs	Credits	Ext. Marks	Int. Marks	Total
PART I	Languages Paper IV	6	3	25	75	100
PART II	English Paper IV	4	3	25	75	100
PART III	Core Paper-VII: American Literature I	6	4	25	75	100
	Core Paper – VIII: Film and Literature (or) Green Studies	6	4	25	75	100
	Allied- Paper IV: Introduction to the Study of Language and Linguistics	6	5	25	75	100
PART IV	Environmental Studies		2	25	75	100
	Soft Skill IV	2	3	50	50	100

FIFTH SEMESTER

Course Component	Name of the Course	Ins Hrs	Credits	Int. Marks	Ext. Marks	Total
PART III	Core Paper – IX: American Literature II	6	4	25	75	100
	Core Paper – X: Post Colonial Literature in English I, Australian Literature	6	4	25	75	100
	Core Paper-XI: Women's Writing	6	4	25	75	100
	Core Paper – XII: Introduction to Literary Theories	6	4	25	75	100
	Elective Paper – I: 1. Introduction to Translation Studies (or) 2. Practical Approach to Technical Writing	6	5	25	75	100
PART V	Value Education		2	25	75	100

SIXTH SEMESTER

Course Component	Name of the Course	Ins. Hrs	Credits	Int. arks	Ex Marks	Total
PART III	Core Paper – XIII: Contemporary Literature	6	4	25	75	100
	Core Paper – XIV: Post – Colonial Literature in English II Canadian Literature	6	4	25	75	100
	Core Paper- XV: Shakespeare	6	4	25	75	100
	Elective Paper II: World Literature in Translation	6	5	25	75	100
	Elective Paper III: Journalism	6	5	25	75	100
PART V	Extension Activities		1			

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5. B.B.A

I SEMESTER	CREDIT	HOURS
Language	3	6
English (Incl. Skill based subject)	3	6
Core Subject – Financial Accounting	4	5
Core Subject - Principles of Mgt.	4	5
Allied - Managerial Economics	5	6
Skill based subject (English Dept)	2	-
Non-Tamil Students : Tamil (VI Std)		
Tamil Students : Non		
– Major Elective*	2	2
	23	30

II SEMESTER	CREDIT	HOURS
Language	3	6
English (Incl. Skill based subject)	3	6
Core Subject – Business Communication	4	5
Core Subject – Management A/c	4	5
Allied – International Trade	5	6
Skill based subject (English Dept)	2	-
Non-Tamil Students : Tamil (VI Std)		
Tamil Students : Non		
– Major Elective*	2	2
	23	30

Extension Activities : [NSS/NCC/SPORTS/YRC/ROTARACT] : 1
 Total Credits : 140

* Non-Major Elective – Any one of the following (Semester-wise)

I Semester

1. Basics of Computer
2. Basics of Retail Marketing
3. An Overview of ISO
4. Basics of Health care Mgt.

II Semester

1. Basics of cyber law
2. Basics of Business Insurance
3. Fundamentals of Disaster Mgt.
4. Concept of Self Help Group

APPENDIX-8(R)
UNIVERSITY OF MADRAS

5. BACHELOR OF BUSINESS ADMINISTRATION (B.B.A.)

I. That in the regulations relating to the BBA Degree course under Sl. No.6-Scheme of Examinations be modified to reads as follows:

REVISED SCHEME OF EXAMINATION

THIRD SEMESTER

COURSE COMPONENTS /NAME OF THE COURSE	Credit	Ins. Hrs/ Week	Marks		
			CIA	Ext.	Total
PART-III	4	5	25	75	100
Core Paper –V - Financial Management					
Core Paper –VI - Organisational Behaviour	4	5	25	75	100
Core Paper –VII - Computer Application in Business	4	6	25	75	100
Core Paper –VIII - Marketing Management	4	5	25	75	100
*Allied Paper –III - Business Mathematics and Statistics	4	6	25	75	100

*the nomenclature of the paper-Business Statistics be changed as Business Mathematics and Statistics.

FOURTH SEMESTER

COURSE COMPONENTS /NAME OF THE COURSE	Credit	Ins. Hrs/ Week	Marks		
			CIA	Ext.	Total
*Core Paper –IX - Human Resource Management	4	5	25	75	100

*Core paper – Human Resource Management be incorporated in the place of Business Taxation

FIFTH SEMESTER

STUDY COMPONENTS/NAME OF THE COURSE	Credit	Ins. Hrs/ Week	Marks		
			CIA	Ext.	Total
*Core Paper –XIII – Advertising Management and Sales Promotion	4	5	25	75	100
• Core Paper –XIV - Research Methodology	4	6	25	75	100
❖ Core Paper –XV - Operation Management	4	6	25	75	100
Elective Paper – I :			25	75	100
(1) Entrepreneurial Development OR	5	6	25	75	100
➤ (2) Logistics Management					

- * New core paper –Advertising and Salesmanship be incorporated in the place of Business Ethics and Values and Business Ethics and Values only Corporate Social Responsibility (CSR) to become part of the Principles of Management
- New core paper – Research Methodology be incorporated in the place of Marketing Research
- ❖ New core paper – Operations Management be incorporated in the place of Production Management
- New Elective paper – Logistics Management be incorporated in the place of Visual Basic Programming

SIXTH SEMESTER

COURSE COMPONENTS /NAME OF THE COURSE	Credit	Ins. Hrs/ Week	Marks		
			CIA	Ext.	Total
Core Paper –XIX - Business Taxation	4	5	25	75	100
Elective Paper – II :			25	75	100
3. Customer Relationship Management (or)	5	6			
❖ 4. . E- Business			40	60	100

- Core paper – Business Taxation be incorporated in the place of Human Resource Management
- ❖ New Elective paper – E-Business be incorporated in the place of Visual Basic Practical.

II. The above modified regulations to take effect from the academic year 2015-2016, i.e. for the batch of candidates admitted to the course from the academic year 2015 2016 and thereafter.

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APPENDIX-17(R & S)
UNIVERSITY OF MADRAS
 (With effect from the academic year 2016-2017)
B.Com. Degree Course

REVISED SCHEME OF EXAMINATION:
SEMESTER I

Course Content	Name of the Course	Ins. Hours	Credits	CIA	External	Total
PART I	Language Paper – I	6	3	25	75	100
PART II	English Paper - I	6	3	25	75	100
PART III	Core Paper – I :Financial Accounting	5	4	25	75	100
	Core Paper – II :Business Communication	5	4	25	75	100
	Allied Paper – I :Business Economics	6	5	25	75	100
PART IV	* Basic Tamil / Advanced Tamil / NME	2	2	25	75	100
	Soft Skill -I		2	50	50	100

Non Major Elective Papers:-

Any one of the following:

1. Basics of Computer
2. Basics of Retail Marketing
3. An Overview of ISO
4. Basics of Health Care Management.

SEMESTER II

Course Content	Name of the course	Ins Hours	Credits	CIA	External	Total
PART I	Language Paper – II	6	3	25	75	100
PART II	English Paper - II	6	3	25	75	100
PART III	Core Paper – III : Advanced Financial Accounting	5	4	25	75	100
	Core Paper – IV : Principle of Management	5	4	25	75	100
	Allied Paper –II :Indian Economy	6	5	25	75	100
PART IV	* Basic Tamil / Advanced Tamil / NME	2	2	25	75	100
	Soft Skill – II		2	50	50	100

Non-major Elective Papers

Any one of the following :

1. Consumer Protection and Consumer Rights
2. Basics of Business Insurance
3. Fundamentals of Disaster Management
4. Concept of Self Help Group

* (a) Non-Tamil Students upto XII Std must be studied “ Basic Tamil “ comprising of two course in degree level

(b) Tamil Students upto XII Std, taken Non-Tamil Language under Part-I at degree level Shall be taken "Advanced Tamil" comprising of two courses.

(c) Tamil Students upto XII Std and taken Tamil under Part-I Language at degree level shall be chosen "Non-Major Electives" at degree level

SEMESTER III

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART III	Core Paper V :Corporate Accounting	6	4	25	75	100
	Core Paper VI :Business Laws	5	4	25	75	100
	Core Paper VII :Banking Theory Law and Practice	5	4	25	75	100
	Core Paper VIII :Marketing	5	4	25	75	100
	Allied Paper III: 1.Business Statistics or 2.Rural Economics	6	4	25	75	100
PART IV	Environmental Studies	1	Examination will be held in Semester IV			
	Soft Skill	2	3	50	50	100

SEMESTER IV

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART III	Core Paper IX : Advanced Corporate Accounting	6	4	25	75	100
	Core Paper X :Company Law	5	4	25	75	100
	Core Paper XI :Financial Services	5	4	25	75	100
	Core Paper XII :Business Taxation	5	4	25	75	100
	Allied Paper IV: 1. Elements of Operational Research (or) 2. International Economics	6	4	25	75	100
PART IV	Environmental Studies	1	2	25	75	100
	Soft Skill - IV	2	3	50	50	100

SEMESTER V

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART III	Core Paper XIII: Elements of Cost Accounting	6	4	25	75	100
	Core Paper XIV :Practical Auditing	5	4	40	60	100
	Core Paper XV : Entrepreneurial Development	6	4	25	75	100
	Core Paper XVI : Financial Management	6	4	25	75	100
	Elective Paper I: 1. Income Tax Law and Practice – I (or) 2. Visual Basic Programming	6	5	25	75	100
PART V	Value Education	1	2			

SEMESTER VI

Course content	Name of subject	Ins Hr	Credits	CIA	External	Total
PART III	Core Paper XVII : Advanced Cost Accounting	6	4	25	75	100
	Core Paper XVIII : Management Accounting	6	4	25	75	100
	Core Paper XIX : Business Environment	5	4	25	75	100
	Elective Paper II: 1. Income Tax Law and Practice - II Or 2. Visual Basic Practical	6	5	25	75	100
	Elective Paper III: 1. Human Resource Management or 2.Portfolio Management	6	5	25	75	100
	PART V	Value Education	1	2		
	Extension Activities		1			

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APPENDIX-22(R & S)
UNIVERSITY OF MADRAS
B.Com. Computer Applications
(with effect from the academic year 2016-2017)

REVISED SCHEME OF EXAMINATION:
SEMESTER I

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART I	Language Paper – I	6	3	25	75	100
PART II	English Paper - I	6	3	25	75	100
PART III	Core – Paper I : Financial Accounting	5	4	25	75	100
	Core Paper II : Information Technology	5	4	25	75	100
	Allied Paper I : Business Economics	6	5	25	75	100
PART IV	* Basic Tamil / Advanced Tamil / NME		2	25	75	100
	Soft Skill-I		2	50	50	100

Non Major Elective Papers:-

Any one of the following:

1. Basics of Computer
2. Basics of Retail Marketing
3. An Overview of ISO
4. Basics of Health Care Management.

SEMESTER II

Course content	Name of subject	Ins hrs	Credits	CIA	External	Total
PART I	Language Paper – II	6	3	25	75	100
PART II	English Paper - II	6	3	25	75	100
PART III	Core Paper III : Advanced Financial Accounting	5	4	25	75	100
	Core Paper IV: Information Technology Lab	5	4	40	60	100
	Allied Paper II : Indian Economy	6	4	25	75	100
PART IV	* Part - IV – Basic Tamil / Advanced Tamil / NME		2	25	75	100
	Soft Skill-II	2		50	50	100

Non-major Elective Papers

Any one of the following :

1. Consumer Protection and Consumer Rights
2. Basics of Business Insurance
3. Fundamentals of Disaster Management
4. Concept of Self Help Group

* (a) Non-Tamil Students upto XII Std must be studied “ Basic Tamil “ comprising of two.

course in degree level

(b) Tamil Students upto XII Std, taken Non-Tamil Language under Part-I at degree level Shall be taken " Advanced Tamil " comprising of two courses.

(c) Tamil Students upto XII Std and taken Tamil under Part-I Language at degree level shall be chosen "Non- Major Electives " at degree level

SEMESTER III

Course content	Name of subject	Ins hrs	Credits	CIA	External	Total
PART III	Core Paper V: Corporate Accounting -I	6	4	25	75	100
	Core Paper V: Business Law	5	6	25	75	100
	Core Paper VII: Computing Accounting (Theory & Practicals)	6	4	40	60	100
	Core Paper VIII: Object Oriented Programming with C++ (Theory & Practicals)	6	4	40	60	100
	Allied Paper II : Business Statistics	6	4	25	75	100
PART IV	Environmental Studies	Examination will be held in Semester IV				
	Soft Skill-III		3	50	50	100

SEMESTER IV

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART III	Core Paper IX : Advanced Corporate Accounting	6	4	25	75	100
	Core Paper X: Principles of Management	6	4	25	75	100
	Core Paper XI: E-Commerce	5	4	25	75	100
	Core Paper XI: Programming in Java (Theory & Practicals)	5	4	40	60	100
	Allied Paper IV: Elements of Operations Research	4	4	25	75	100
PART IV	Environmental Studies		2	25	75	100
	Soft Skill-IV	2	3	50	50	100

7. BACHELOR OF COMMERCE (CORPORATE SECRETARYSHIP)
B.Com.(CS)

PART	STUDY COMPONENTS	COURSE TITLE	Ins. Hrs / week	Examination			Total	Credit
				CIA @	Uni. Exam			
	Semester I							
I	Language - I		6	25	75	100	3	
II	English - I		6	25	75	100	3	
III	Core I	Financial Accounting	5	25	75	100	4	
	Core II	Company Law and Secretarial Practice - I	5	25	75	100	4	
	Allied I Paper I	Any one of the following: a. Corporate E - Management b. Marketing c. Managerial Economics	4	25	75	100	5	
IV 2	Skill Based		2	25	75	100	2	
	Semester II							
I	Language - II		6	25	75	100	3	
II	English - II		6	25	75	100	3	
III	Core III	Advanced Financial Accounting	5	25	75	100	4	
	Core IV	Human Resource Management	5	25	75	100	5	
	Allied I Paper - II	Any one of the following: a. Corporate Finance b. Business Communication c. International Trade	4	25	75	100	5	
IV	Skill Based		2			100	2	

NMB

7. B.Com. (CORPORATE SECRETARYSHIP)

THIRD SEMESTER

PART	COURSE COMPONENTS	COURSE TITLE	Credit	Ins. Hrs / week	Marks		
					CIA	Ext. Exam	Total
I	Language – Paper - III		3	6	25	75	100
II	English – Paper III		3	6	25	75	100
III	Core - V	Corporate Accounting - I	5	5	25	75	100
	Core - VI	Company Law and Secretarial Practice - II	5	5	25	75	100
	Allied III	Any one of the following: a. Statistics - I b. Auditing c. Fair Trade Principles and Practices	5	5	25	75	100
IV 2	Soft Skill –III		3	2	40	60	100
IV 3	Environmental Studies	(Examination will be held in Semester IV)					

FOURTH SEMESTER

PART	COURSE COMPONENTS	COURSE TITLE	Credit	Ins. Hrs / week	Marks		
					CIA	Ext. Exam	Total
I	Language – Paper - IV		3	6	25	75	100
II	English – Paper - IV		3	6	25	75	100
III	Core VII	Corporate Accounting – II	5	5	25	75	100
	Core VIII	Business Management	5	5	25	75	100
	Allied IV	Any one of the following: a. Statistics – II ✓ b. Banking Theory Law and Practice c. Elements of Insurance	5	5	25	75	100

IV 2	Soft Skill – IV		3	2	40	60	100
IV 3	Environmental Studies		2	1	25	75	100

FIFTH SEMESTER

PART	COURSE COMPONENTS	COURSE TITLE	Credit	Ins. Hrs / week	Marks		
					CIA @	Ext. Exam	Total
III	Core IX	Cost Accounting	4	6	25	75	100
	Core X	Securities Laws & Market Operations	5	6	25	75	100
	Core XI	Income Tax Law and Practice - I	4	6	25	75	100
	Core XII	Commercial Law	4	5	25	75	100
	Core XIII (Elective)	Entrepreneurial Development	4	5	25	75	100
IV 4	Value Education		2	2	25	75	100

SIXTH SEMESTER

PART	COURSE COMPONENTS	COURSE TITLE	Credit	Ins. Hrs / week	Marks		
					CIA @	Ext. Exam	Total
III	Core XIV	Management Accounting	4	6	25	75	100
	Core XV	Industrial Laws	4	6	25	75	100
	Core XVI	Income Tax Law and Practice-II	4	6	25	75	100
	Core XVII	Indirect Taxes	4	6	25	75	100
	Core XVIII (Project)	Institutional Training	5	6	25	75	100
IV	Extension Activities		1				

APPENDIX-19(R & S)
UNIVERSITY OF MADRAS
B.Com. Bank Management
(With effect from the academic year 2016-2017)

REVISED SCHEME OF EXAMINATION:
SEMESTER I

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART I	Language Paper – I	6	3	25	75	100
PART II	English Paper - I	6	3	25	75	100
PART III	Core Paper I :Financial Accounting	5	4	25	75	100
	Core Paper II : Business Communication	5	4	25	75	100
	Allied Paper I : Business Economics	6	5	25	75	100
PART IV	* Basic Tamil / Advanced Tamil / NME	2	2	25	75	100
	Soft Skill – I		2	50	50	100

Non Major Elective Papers:-

Any one of the following:

1. Basics of Computer
2. Basics of Retail Marketing
3. An Overview of ISO
4. Basics of Health Care Management.

SEMESTER II

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART I	Language Paper – II	6	3	25	75	100
PART II	English Paper - II	6	3	25	75	100
PART III	Core Paper III : Principles of Management	5	4	25	75	100
	Core Paper IV : Theory of Money and Banking	5	4	25	75	100
	Allied Paper II : International Economics	6	5	25	75	100
PART IV	* Basic Tamil / Advanced Tamil / NME	2	2	25	75	100
	Soft Skill - II		2	50	50	100

Non-major Elective Papers

Any one of the following :

1. Consumer Protection and Consumer Rights
2. Basics of Business Insurance
3. Fundamentals of Disaster Management
4. Concept of Self Help Group

- * (a) Non-Tamil Students upto XII Std must be studied " Basic Tamil " comprising of two course in degree level
 (b) Tamil Students upto XII Std, taken Non-Tamil Language under Part-I at degree level Shall be taken " Advanced Tamil " comprising of two courses.
 (c) Tamil Students upto XII Std and taken Tamil under Part-I Language at degree level shall be chosen "Non- Major Electives " at degree level

SEMESTER III

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART III	Core Paper V :- Corporate Accounting	6	4	25	75	100
	Core Paper VI : Business Laws	5	4	25	75	100
	Core Paper VII : Banking Theory Law and Practice	5	4	25	75	100
	Core Paper VIII : Entrepreneurial Development	5	4	25	75	100
	Allied Paper – III: 1.Indian Economy-I (Or) 2.Business Mathematics - I	6	4	25	75	100
PART IV	Environmental Studies	1	Examination will be held in Semester IV			
	Soft Skill - III	2	3	50	50	100

SEMESTER IV

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART III	Core Paper IX : Advanced Corporate Accounting	6	4	25	75	100
	Core Paper X :Financial Services	5	4	25	75	100
	Core Paper XI : Business Taxation	5	4	25	75	100
	Core Paper XII : Company Law	5	4	25	75	100
	Allied Paper IV: 1. Indian Economy-II (or) 2.Business Mathematics - II	6	4	25	75	100
PART IV	Environmental Studies	1	2	25	75	100
	Soft Skill - IV	2	3	50	50	100

SEMESTER V

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART III	Core Paper XIII :Practical Auditing	6	4	25	75	100
	Core Paper XIV: Banking Theory Regulatory Mechanism	6	4	25	75	100
	Core Paper XV: Portfolio Management	5	4	25	75	100
	Core Paper XVI : International Banking	6	4	25	75	100
	Elective Paper I: 1. Credit Risk and Management Banking (or) 2. Visual Basic Programming	6	5	25	75	100
PART V	Value Education	1				

SEMESTER VI

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART III	Core Paper –XVII : Marketing of Banking Services	6	4	25	75	100
	Core Paper XVIII : Technology in Banking	6	4	25	75	100
	Core Paper XIX : Management Accounting	5	4	25	75	100
	Core Paper XX : Treasury Management	6	5	25	75	100
	Ejective Paper II : 1.Customer Relationship Management (or) 2.Visula Basic Practicals	6	5	25 40	75 60	100 100
PART V	Value Education	1	2			
	Extension Activities		1			

6. B.SC. INFORMATION SYSTEMS MANAGEMENT

I SEMESTER	CREDITS	HOURS
Language	3	6
English (Incl. Skill based subject)	3	6
Core Subject – Financial Accounting	4	5
Core Subject – Principles of Mgt.	4	5
Allied – Computer Application in Business	5	6
Skill based subject (English Dept)	2	-
Non-Tamil Students : Tamil (VI Std)		
Tamil Students : Non – Major Elective*	2	2
	23	30

II SEMESTER	CREDITS	HOURS
Language	3	6
English (Incl. Skill based subject)	3	6
Core Subject – Business Communication	4	5
Core Subject – Management A/c	4	5
Allied – Data Structure	5	6
Skill based subject (English Dept)	2	-
Non-Tamil Students : Tamil (VI Std)		
Tamil Students : Non – Major Elective*	2	2
	23	30

Extension Activities : [NSS/NCC/SPORTS/YRC/ROTARACT] : 1
 Total Credits : 140

* Non-Major Elective – Any one of the following (Semester-wise)

I Semester

1. Basics of Computer
2. Basics of Retail Marketing
3. An Overview of ISO
4. Basics of Health care Mgt.

II Semester

1. Basics of cyber law
2. Basics of Business Insurance
3. Fundamentals of Disaster Mgt.
4. Concept of Self Help Group

6. B.Sc. INFORMATION SYSTEMS MANAGEMENT

B.Sc (I.S.M)

THIRD SEMESTER

PART	STUDY COMPONENTS	COURSE TITLE	Credit	Ins. Hrs/ Week	Marks		
					CIA	Ext. Exam	Total
III	Core -V	Financial Mgt.	4	5	25	75	100
	Core -VI	Programming in 'C'	4	6	25	75	100
	Core -VII	'C' Practical	4	5	40	60	100
	Core -VIII	Marketing Mgt.	4	5	25	75	100
	Allied -III	Business Statistics	4	6	25	75	100
IV 2	Skill based subject		3	2	40	60	100
IV 3	Environmental Studies	<i>(Examination will be held in Semester IV)</i>		1			

FOURTH SEMESTER

PART	STUDY COMPONENTS	COURSE TITLE	Credit	Ins. Hrs/ Week	Marks		
					CIA	Ext. Exam	Total
III	Core -IX	Management Information System	4	5	25	75	100
	Core -X	OOP with C++	4	5	25	75	100
	Core -XI	C++ Practical	4	5	40	60	100
	Core -XII	Business Environment	4	6	25	75	100
	Allied -IV	Operations Research	4	6	25	75	100
IV 2	Skill based subject		3	2	40	60	100
IV 3	Environmental Studies		2	1	25	75	100

FIFTH SEMESTER

PART	COURSE COMPONENTS	COURSE TITLE	Credit	Ins. Hrs/Week	Marks		
					CIA	Ext. Exam	Total
I	Core –XIII	Visual Basic Programming	4	6	25	75	100
	Core –XIV	Visual Basic Practical	4	6	40	60	100
	Core –XV	Production Mgt.	4	6	25	75	100
	Core –XVI	Marketing Research	4	5	25	75	100
II	Elective – I :	(1) Programming in Java OR	5	6	25	75	100
		(2) Entrepreneurial Development			25	75	100
IV 4	Value Education			1			

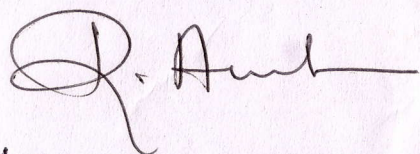
SIXTH SEMESTER

PART	COURSE COMPONENTS	COURSE TITLE	Credit	Ins. Hrs/Week	Marks		
					CIA	Ext. Exam	Total
I	Core –XVII	Human Resource Mgt.	4	6	25	75	100
	Core –XVIII	E-Business	4	5	25	75	100
	Core –XIX	Software Project Mgt.	4	6	25	75	100
II	Elective – II :	(1) Web Technology OR	5	6	40	60	100
		(2) SPSS & Tally Accounting Package			40	60	100
	Elective – III :	Project Work (Group)	5	6	20	80	100
IV 4	Value Education		2	1	25	75	100
V	Extension Activities			1			

05. B.Sc. DEGREE COURSE COMPUTER SCIENCE

FIRST SEMESTER

SUBJECTS	CREDITS	EXAM HRS	MAX. MARKS		
			External	Internal	TOTAL
PART I LANG.PAPER I	3	3	75	25	100
PART II ENGLISH PAPER I	3	3	75	25	100
PART III Programming in C	4	3	75	25	100
PART III Practical – I : Programming in C .	4	3	60	40	100
Allied – Paper – I Mathematics – I	5	3	75	25	100
PART IV 1.(a) Not studied Tamil upto xii std., - shall take tamil compromising of two courses (level VI std.,) (b) Studied Tamil upto xii std. – taken Non-Tamil under Part – I shall take advance Tamil comprising of two courses. Others who do not comes under a & b can choose non-major elective comprising of two courses. 2. Skill based subject (Elective) (Soft Skills)			75	25	100

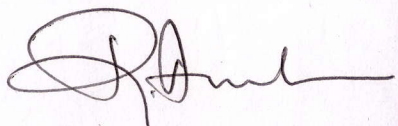


Head of the Department

SECOND SEMESTER

SUBJECTS	CREDITS	EXAM HRS	MAX. MARKS		
			External	Internal	TOTAL
PART I LANG.PAPER-I I	3	3	75	25	100
PART II ENGLISH PAPER -I I	3	3	75	25	100
PART III Digital Electronics and Microprocessor	4	3	75	25	100
PART III Practical II - Digital Electronics & Microprocessors Lab	4	3	60	40	100
Allied – Paper – II Mathematics - II	5	3	75	25	100
PART IV 1.(a) Not studied Tamil upto xii std., - shall take tamil comprising of two courses (level VI std.,) (b) Studied Tamil upto xii std. – taken Non-Tamil under Part – I shall take advance Tamil comprising of two courses. 9c) Others who do not comes under a & b can choose non- major elective comprising of two courses. 2. Skill based subject (Elective) (Soft Skills)			75	25	100

Syllabus for foundation courses are to be followed as prescribed
for common U.G. courses

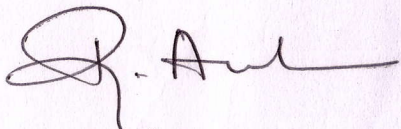

Signature of the HOD

THIRD SEMESTER

Course Component	SUBJECTS	Credits	Exam Hrs.	MAX.MARKS		
				Ext. Marks	Int. Marks	Total
PART I	LANG. PAPER III	3	3	75	25	100
PART II	ENGLISH PAPER III	3	3	75	25	100
PART III	Paper – V - Programming in C++ and Data Structures	4	3	75	25	100
PART III	Paper – VI Practical – III : Data Structures using C++	4	3	60	40	100
Allied –II Paper – I		5	3	75	25	100
PART IV 2. Soft Skill – III		3	3	60	40	100
3. Environmental Studies				Examination will be held in IV Semester		

FOURTH SEMESTER

	SUBJECTS	Credits	Exam Hrs.	MAX.MARKS		
				Ext. Marks	Int. Marks	Total
PART I	LANG.PAPER-IV	3	3	75	25	100
PART II	ENGLISH PAPER -IV	3	3	75	25	100
PART III -	Paper – VII Programming in JAVA	4	3	75	25	100
PART III –	Paper - VIII - Practical – IV Java Programming Lab	4	3	60	40	100
Allied–II Paper – II		5	3	75	25	100
PART IV 2.Soft Skill–IV		3	3	60	40	100
3. Environmental Studies		2	3	75	25	100


 Signature of the ³H.O.D

FIFTH SEMESTER

	SUBJECTS	Credits	Exam Hrs.	MAX.MARKS		
				Ext. Marks	Int. Marks	Total
Part III	Paper - IX Operating systems	4	3	75	25	100
Part III	Paper - X - Database Management Systems	4	3	75	25	100
Part III	Paper - XI - Computer Architecture and Organization	4	3	75	25	100
Part III	Paper - XII Practical – V : RDBMS LAB	4	3	60	40	100
	Elective - I	5	3	75	25	100
PART -IV 4. Value Education		2				

SIXTH SEMESTER

	SUBJECTS	Credit	Exam Hrs.	MAX.MARKS		
				Ext. Marks	Int. Marks	Total
Part III	Paper - XIII - Data Communication and Networking	4	3	75	25	100
Part III	Paper - XIV - Web Technology	4	3	75	25	100
Part III	Paper - XV - Practical – VI Web Applications LAB	4	3	60	40	100
	Elective - II	5	3	75	25	100
	Elective - III	5	3	75	25	100
PART- V Extension Activities		1				

Elective – I

Visual Programming / RDBMS with ORACLE / Unix Programming

Elective - II

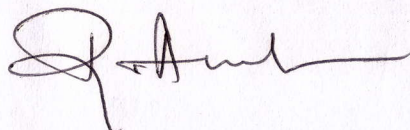
Data Mining / Software Testing / Object Oriented Analysis and Design

Elective - III

Client Server Computing /Computer Graphics/ Software Engineering

One of the following allied shall be chosen for Allied – II

- (a) Physics (b) Statistical Methods and their applications



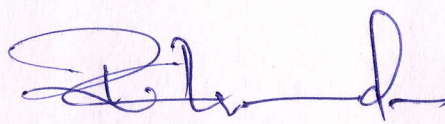
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Head of the Department

19. BACHELOR OF COMPUTER APPLICATION

FIRST SEMESTER

SUBJECTS	CREDI TS	EXAM HRS	MAX. MARKS		
			External	Internal	TOTAL
PART I LANG.PAPER I	3	3	75	25	100
PART II ENGLISH PAPER I	3	3	75	25	100
PART III Fundamentals of Digital Computers	4	3	75	25	100
PART III Practical – I : PC Software Lab	4	3	60	40	100
Allied – Paper – I Mathematics	5	3	75	25	100
PART IV 1.(a) Not studied Tamil upto xii std., - shall take tamil comprising of two courses (level VI std.,) (b) Studied Tamil upto xii std. – taken Non-Tamil under Part – I shall take advance Tamil comprising of two courses. 9c) Others who do not comes under a & b can choose non-major elective comprising of two courses. 2. Skill based subject (Elective) (Soft Skills)			75	25	100


(Raksha Devi)

SECOND SEMESTER

SUBJECTS	CREDITS	EXA M HRS	MAX. MARKS		
			Exter nal	Internal	TOTAL
PART I LANG.PAPER-I I	3	3	75	25	100
PART II ENGLISH PAPER -I I	3	3	75	25	100
PART III Programming in C	4	3	75	25	100
PART III Practical II – Programming in C Lab	4	3	60	40	100
Allied – Paper – II Mathematics	5	3	75	25	100
PART IV 1.(a) Not studied Tamil upto xii std., - shall take tamil compromising of two courses (level VI std.,) (b) Studied Tamil upto xii std. – taken Non-Tamil under Part – I shall take advance Tamil comprising of two courses. 9c) Others who do not comes under a & b can choose non-major elective comprising of two courses. 2. Skill based subject (Elective) (Soft Skills)			75	25	100

Syllabus for foundation courses are to be followed as prescribed for common U.G. courses.

**Syllabus for Allied are to be followed as prescribed by the respective boards of Study.

19. BACHELOR OF COMPUTER APPLICATION

THIRD SEMESTER

Course Component	SUBJECTS	Credit	Exam Hrs.	MAX. MARKS		
				Ext. Marks	Int. Marks	Total
PART III Core Courses	Paper-V - Programming in C++ and Data Structures	4	3	75	25	100
PART III	Paper-VI - Microprocessors and its Applications	4	3	75	25	100
PART III	Paper-VII - Numerical and Statistical Methods	4	3	75	25	100
PART III	Paper-VIII - Practical-III : Programming in C++ using Data structures	3	3	60	40	100
Allied subject	Paper-III - Financial Accounting	4	3	75	25	100
PART -IV	2.Soft Skill -III	3	3	60	40	100
	3.Environmental Studies			Examination will be held in IV Semester.		

FOURTH SEMESTER

Course Component	SUBJECTS	Credit	Exam Hrs.	MAX. MARKS		
				Ext. Marks	Int. Marks	Total
PART III	Paper-IX - Programming in Java	4	3	75	25	100
PART III	Paper-X - Operating System	4	3	75	25	100
PART III	Paper-XI - Computer Graphics	4	3	75	25	100
PART III	Paper-XII - Practical-IV: Java Programming Lab	4	3	60	40	100
Allied-Subject	Paper-IV - Cost and Management Accounting	4	3	75	25	100
PART - IV	2. Soft Skill -IV	3	3	60	40	100
	3.Environmental Studies	2	3	75	25	100

FIFTH SEMESTER

Course Component	SUBJECTS	Credit	Exam Hrs.	MAX. MARKS		
				Ext. Marks	Int. Marks	Total
PART III	Paper-XIII - Database Management System	4	3	75	25	100
PART III	Paper-XIV - Software Engineering	4	3	75	25	100
PART III	Paper-XV - Resource Management Techniques	4	3	75	25	100
PART III	Paper-XVI - Practical-V : RDBMS Lab	4	3	60	40	100
Elective -I		4	3	75	25	100
Value Education		2		75	25	100

SIXTH SEMESTER

	SUBJECTS	Credit	Exam Hrs.	MAX. MARKS		
				Ext. Marks	Int. Marks	Total
PART III	Paper-XVII - Web Technology	4	3	75	25	100
PART III	Paper-XVIII - Data Communication and Networking	4	3	75	25	100
PART III	Paper-XIX - Software Testing	4	3	75	25	100
PART III	Paper-XX - Practical-VI : Web Application Lab	4	3	60	40	100
Elective -II		4	3	75	25	100
Elective -III		4	3	75	25	100
PART- V Extension Activities		1		75	25	100

- Elective I :** Visual Programming (or)
RDBMS with ORACLE (or)
Unix Programming
- Elective II :** Data Mining (or)
E-Commerce (or)
Object Oriented Analysis and Design
- Elective III :** Multimedia Systems (or)
Client Server Computing (or)
Distributed Computing

B.Sc. DEGREE COURSE IN SOFTWARE ENGINEERING

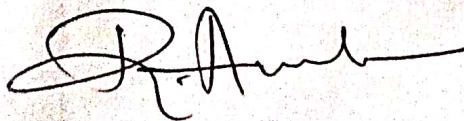
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First Semester

SUBJECTS	CREDITS	EXAM HRS	MAX. MARKS		
			External	Internal	TOTAL
PART I LANG.PAPER I	3	3	75	25	100
PART II ENGLISH PAPER I	3	3	75	25	100
PART III Fundamentals of Digital Computers	4	3	75	25	100
PART III Practical – I : Digital Lab	4	3	60	40	100
Allied – Paper – I Mathematics	5	3	75	25	100
PART IV 1.(a) Not studied Tamil upto xii std., - shall take tamil compromising of two courses (level VI std.,) (b) Studied Tamil upto xii std. – taken Non-Tamil under Part – I shall take advance Tamil comprising of two courses. 9c) Others who do not comes under a & b can choose non-major elective comprising of two courses. 2. Skill based subject (Elective) (Soft Skills)			75	25	100

Syllabus for foundation courses are to be followed as prescribed for common U.G. courses.

**Syllabus for Allied I are to be followed as prescribed by the respective boards of Study.

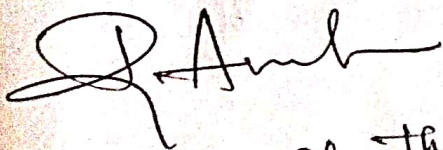


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Head of the Department

Second Semester

SUBJECTS	CREDITS	EXAM HRS	MAX. MARKS		
			External	Internal	TOTAL
PART I LANG.PAPER-I I	3	3	75	25	100
PART II ENGLISH PAPER -I I	3	3	75	25	100
PART III Programming in C	4	3	75	25	100
PART III Practical II – Programming in C	4	3	60	40	100
Allied – Paper – II Mathematics	5	3	75	25	100
PART IV 1.(a) Not studied Tamil upto xii std., - shall take tamil comprising of two courses (level VI std.,) (b) Studied Tamil upto xii std. – taken Non-Tamil under Part – I shall take advance Tamil comprising of two courses. 9c) Others who do not comes under a & b can choose non-major elective comprising of two courses. 2. Skill based subject (Elective) (Soft Skills)			75	25	100



Head of the Department

Third Semester

Course Components	Subjects	Inst. Hrs.	Credits	Exam Hrs	Max. Marks		
					Ext. Marks	Int. Marks	Total
Part - II	LANG.PAPER -III	6	3	3	75	25	100
Part - III	ENGLISH PAPER- III	6	3	3	75	25	100
	PAPER - V -		4	3	75	25	100
	PAPER - VI -		4	3	75	25	100
Allied Subject	Paper-III: Applied Physics-		5	3	75	25	100
Part IV			3	3	60	40	100
2. Soft Skill - III							
3. Environmental Studies							
Examination Will be held in IV semester.							

Fourth Semester

Course Components	Subjects	Inst. Hrs.	Credits	Exam Hrs.	Max. Marks		
					Ext. Marks	Int. marks	Total
	LANG. PAPER-IV	6	3	3	75	25	100
Part - II	ENGLISH PAPER -IV	6	3	3	75	25	100
Part - III	Paper - VII :		4	3	75	25	100
	Paper - VIII : Microprocessors		4	3	75	25	100
Allied Subject	Paper - IV : Applied Physics- II		5	3	75	25	100
PART IV			3	3	60	40	100
			2		75	25	100
Environmental studies							

Fifth Semester

Course Components	Subjects	Ins. Hrs.	Credits	Exam Hrs.	Max. Marks		
					Marks	marks	Total
Part - III Core Courses	Paper – IX : Software Engineering		4	3	75	25	100
	Paper – X : Operating Systems		4	3	75	25	100
	Paper – XI : Programming in JAVA		4	3	75	25	100
	Paper – XII : JAVA Programming Lab		4	3	75	25	100
	Project(at V1 Semester) or Three Electives	Elective I: Computer Oriented Mathematics (OR) Software Project Management (OR) Object Oriented Analysis and Design		4	3	75	25
Part – IV 4.Value Education			2				

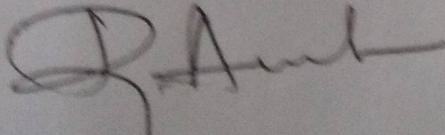
Sixth Semester

Course Components	Subjects	Inst. Hrs.	Credits	Exam Hrs.	Max. Marks		
					Ext. Marks	Int. Marks	Total
Part - III: Core Courses	Paper - XIII: Object Oriented Software Engineering.		4	3	75	25	100
	Paper - XIV: Database Management Systems.		4	3	75	25	100
	Paper - XV: RDBMS Lab.		4	3	75	25	100
Project / or Elective							
	Elective - II		4	3	75	25	100
	Elective - III		5	3	75	25	100
Part-V Extension Activities			1				

Elective - II : Multimedia Systems (OR) Software Quality and Assurance (OR)

Visual Programming.

Elective - III: Data Communication and Networking. (OR) Client/Server Computing (OR) Software Testing


Signature of the HOD

APPENDIX
UNIVERSITY OF MADRAS
B.Sc. Degree Course in Mathematics
(Effective from the academic year 2015-2016)
REGULATIONS

6. Revised Scheme of Examinations :

I SEMESTER

Course Components/Title of the paper	Credits	MARKS		
		CIA	EXT	TOTAL
Part -I - Language Paper -I	3	25	75	100
Part -II - English Paper -I	3	25	75	100
Part-III Core Paper-I: Algebra	4	25	75	100
Core Paper-II: Trigonometry	4	25	75	100
Allied Paper- I	5	25	75	100
Part-IV Basic Tamil/Adv. Tamil/ Non Major Elective -I	2	25	75	100
Soft Skills -I	3	50	50	100

II SEMESTER

Course Components/Title of the paper	Credits	MARKS		
		CIA	EXT	TOTAL
Part -I - Language Paper -II	3	25	75	100
Part -II - English Paper -II	3	25	75	100
Part-III Core Paper -III:Differential Calculus	4	25	75	100
Core Paper - IV:Analytical Geometry	4	25	75	100
Allied paper- II	5	25	75	100
Part-IV Basic Tamil/Adv. Tamil/ Non Major Elective -II	2	25	75	100
Part-IV Soft Skills -II	3	50	50	100

III SEMESTER

Course Components/Title of the paper	Credits	MARKS		
		CIA	EXT	TOTAL
Part –I – Language Paper -III	3	25	75	100
Part –II – English Paper -III	3	25	75	100
Part-III Core paper-V: Integral Calculus	4	25	75	100
Core Paper – VI: Differential Equations	4	25	75	100
Allied Paper- III	5	25	75	100
Part-IV Environmental Studies	2	Exam in IV Semester		
Soft Skills –III	3	50	50	100

SEMESTER – IV

Course Components/Title of the paper	Credits	MARKS		
		CIA	EXT	TOTAL
Part –I - Language Paper -IV	3	25	75	100
Part –II - English Paper -IV	3	25	75	100
Part-III Core paper-VII: Transform Techniques	4	25	75	100
Core Paper VIII : Statics	4	25	75	100
Allied paper- IV	5	25	75	100
Part-IV Environmental Studies	2	25	75	100
Soft Skills-IV	3	50	50	100

V SEMESTER

Course Components/Title of the paper	Credits	MARKS		
		CIA	EXT	TOTAL
Part-III Core Paper-IX: Algebraic Structures	4	25	75	100
Core Paper -X: Real Analysis-I	4	25	75	100
Core Paper-XI: Dynamics	4	25	75	100
Core Paper – XII: Discrete Mathematics	4	25	75	100
Elective Paper -I: Choose any one from Group-A	5	25	75	100
Part-IV Value Education	2			

VI SEMESTER

Course Components/Title of the paper	Credits	MARKS		
		CIA	EXT	TOTAL
Part-III				
Core Paper-XII: Linear Algebra	4	25	75	100
Core Paper -XIV:Real analysis-II	4	25	75	100
Core Paper XV: Complex Analysis	4	25	75	100
Elective Paper II : Choose any one from Group B	5	25	75	100
Elective Paper III: Choose any one from Group B	5	25	75	100
Part-V				
Extension Activity	1			

LIST OF ELECTIVE SUBJECTS

GROUP A

1. PROGRAMMING LANGUAGE 'C' WITH PRACTICALS
2. MATHEMATICAL MODELING
3. NUMERICAL METHODS

GROUP B

4. ELEMENTARY NUMBER THEORY
- ✓ 5. GRAPH THEORY
- ✓ 6. OPERATIONS RESEARCH
7. SPECIAL FUNCTIONS

PART – IV

- 1.(a) Those who have not studied Tamil up to XII Std. and taken a Non-Tamil Language under Part-I shall take Tamil comprising of two course (level will be at 6th Standard).
 - (b) Those who have studies Tamil up to XII Std. and taken a Non-Tamil Language under Part-I shall take Advanced Tamil comprising of two courses.
 - (c) Others who do not come under a and b can choose non-major elective comprising of two courses.
2. SKILL BASED SUBJECTS (ELECTIVE) - (SOFT SKILLS)
 3. ENVIRONMENTAL STUDIES
 4. VALUE EDUCATION

PART – V EXTENSION ACTIVITIES

5. EXTENSION ACTIVITIES:

A candidate shall be awarded a maximum of 1 Credit for Compulsory Extension Service.

All the Students shall have to enroll for NSS /NCC/ NSO (Sports & Games) Rotract/ Youth Red cross or any other service organizations in the college and shall have to put in Compulsory minimum attendance of 40 hours which shall be duly certified by the Principal of the college before 31st March in a year. If a student LACKS 40 HOURS ATTENDANCE in the First year, he/she shall have to compensate the same during the subsequent years.

Students those who complete minimum attendance of 40 hours in One year will get HALF A CREDIT and those who complete the attendance of 80 or more hours in Two Years will get ONE CREDIT.

Literacy and population Education Field Work shall be compulsory components in the above extension service activities

6. SCHEME OF EXAMINATION:

FIRST SEMESTER

Part	Subject	Ins Hrs	Credit	Exam	Ext	Int	Total
I	Language - Paper – I	4	3	3 hrs	75	25	100
II	English - Paper – I	4	3	"	75	25	100
III	Core 1: Mechanics & Properties of Matter	5	5	"	75	25	100
	Allied Paper - Maths I – Theory	8	5	"	75	25	100
	Core 3: Practical I (PCP)	3	Examination will be held on Second Semester				
IV	1(a)Basic Tamil I/(b)Adv.Tamil (or) 1(c)Non-Major Elective	2	2	"	75	25	100
	2. Soft Skill I	2	3	"	60	40	100

SECOND SEMESTER

Part	Subject	Ins Hrs	Credit	Exam	Ext	Int	Total
I	Language - Paper – II	4	3	3 hrs	75	25	100
II	English – Paper – II	4	3	"	75	25	100
III	Core 2: - Thermal Physics & Acoustics	5	5	"	75	25	100
	Allied Paper – Maths II – Theory	8	5	"	75	25	100
	Core 3: Practical I (PCP)	3	4	"	60	40	100
IV	1(a)Basic Tamil I/(b)Adv.Tamil (or)	2	2	"	75	25	100
	1(c)Non-Major Elective						
	2. Soft Skill II	2	3	"	60	40	100

THIRD SEMESTER

III	Core 4: Optics	5	5	3 hrs	75	25	100
	Core 5: Basic Electronics	5	5	"	75	25	100
	Core 6: Data Structures	4	4	"	75	25	100
	Core 7: Object Oriented Programming Using C++	4	4	"	75	25	100
	Practical II (PCP)	3	Examination will be held on fourth Semester				
	Core 8 : Practical III Data Structure Lab (CCP)	3	2	"	60	40	100
	Core 9: - Practical IV Programming in C++ Lab (CCP)	3	2	"	60	40	100
IV	Soft Skill III	2	3	"	60	40	100
	Environmental Studies	1	Examination will be held on fourth Semester				

FOURTH SEMESTER

III	Core 10: Atomic Physics	5	5	3 hrs	75	25	100
	Elective I – Integrated Electronics	6	5	"	75	25	100
	Core 11: Operating System	5	4	"	75	25	100
	Core 12: Database Management Systems Using Visual Basic	5	4	"	75	25	100
	Core 13: Practical II (PCP)	3	4	"	60	40	100
	Core 14: Practical V RDBMS using VB Practical (CCP)	3	2	"	60	40	100
IV	Soft Skill IV	2	3	"	60	40	100
	Environmental Studies	1	2	"	75	25	100

FIFTH SEMESTER

Part	Subject	Ins Hrs	Credit	Exam	Ext	Int	Total
III	Core 15: Nuclear and Particle Physics	5	5	"	75	25	100
	Core 16: Solid State Physics	5	5	"	75	25	100
	Core 17: Discrete Mathematics	4	4	"	75	25	100
	Core 18: Programming in JAVA	4	4	"	75	25	100
	Core 19: Practical VI JAVA Programming Lab (CCP)	3	2	"	60	40	100
	Practical – VII (PCP)	3	Examination will be held on Sixth Semester				
	Practical – VIII (PCP)	3					
	Practical – IX (PCP)	3					
IV	Value Education		2	"	75	25	100

SIXTH SEMESTER

III	Core 20: Electricity and Electromagnetism	5	5	"	75	25	100
	Core 21: Relativity and Quantum Mechanics	5	5	"	75	25	100
	Core 22: Mathematical & Numerical Methods	6	5	"	75	25	100
	Elective II- Microprocessor Fundamentals	5	5	"	75	25	100
	Core 23: Practical – VII (PCP)	3	4	"	60	40	100
	Core 24: Practical – VIII (PCP)	3	4	"	60	40	100
	Core 25: Practical – IX (PCP)	3	4	"	60	40	100
V	Extension Activities		1	"	75	25	100

Note:	PCP : Physics Core Practical
	CCP : Computer Core Practical

Semester II

Core 3: Thermal Physics & Acoustics	Syllabus same as in BSc., Physics Thermal Physics & Acoustics
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UNIVERSITY OF MADRAS

COURSE NAME: B.Sc., PHYSICS With COMPUTER APPLICATIONS
(With effect from the academic year 2020-2021)

* CC- Compulsory Core * DSE - Discipline Specific Elective
PCP-Physics Core Practical

COURSE STRUCTURE:

FIRST SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Marks	Ext. Marks	Total
Part - I	Language Paper - I	4	3	25	75	100
Part - II	English Paper - I	4	3	25	75	100
Part III	CC I-Properties of Matter & Sound	6	4	25	75	100
	CC -Practical I(PCP)	3	Examination will be held at the end of second semester			
	Allied I -Mathematics I	9	5	25	75	100
	*Basic Tamil/Adv. Tamil/Non Major Elective	2	2	25	75	100
Part IV	Soft skill - I	2	3	50	50	100
			20			

SECOND SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Marks	Ext. Marks	Total
Part - I	Language Paper - II	4	3	25	75	100
Part - II	English Paper - II	4	3	25	75	100
Part - III	CC II- Thermal Physics	6	4	25	75	100
	CC III -Practical I (PCP)	3	4	40	60	100
	Allied II -Mathematics II	9	5	25	75	100
Part IV	Basic Tamil/Adv. Tamil/ Non Major Elective	2	2	25	75	100
	Soft skill - II	2	3	50	50	100
Semester-wise Credit Total			24			

THIRD SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Marks	Ext. Marks	Total
Part - III	CC IV- Optics and Spectroscopy	5	5	25	75	100
	CC V- Basic Electronics	5	5	25	75	100
	CC VI- Programming In C++ And Data Structures	4	4	25	75	100
	CC VII- Web Technology	4	4	25	75	100
	PCP II	3	Examination will be held in Semester IV			
	Core VIII- Programming in C++ and Data structures Lab	3	2	40	60	100
	Core IX-Web Applications Lab	3	2	40	60	100
PART IV	Environmental Studies	2	Examination will be held in Semester IV			
	Soft Skill III	2	3	50	50	100
Semester-wise Credit Total			25			

FOURTH SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Marks	Ext. Marks	Total
Part - III	CC X-Atomic Physics and Lasers	5	5	25	75	100
	DSE I – Integrated Electronics	6	5	40	60	100
	CC XI- Operating System	5	4	25	75	100
	CC XII- Database management systems using Visual Basic	5	4	25	75	100
	CC XIII- Practical II PCP	3	4	40	60	100
	CC XIV- Practical V CCP- RDBMS using VB Practical	3	2	40	60	100
Part-IV	Environmental Studies	2	2			100
	Soft skill - IV	2	3	50	50	100
Semester-wise Credit Total			29			

FIFTH SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Marks	Ext. marks	Total
Part-III	CC XV-Nuclear and Radiation Physics	5	5	25	75	100
	CC XVI- Solid State Physics	5	5	25	75	100
	CC XVII- Discrete Mathematics	4	4	25	75	100
	CC XVIII- Programming in Java	4	4	25	75	100
	CC XIX- Practical VI CCP-Java Programming Lab	3	2	40	60	100
	Practical VII PCP	3	Examination will be held in Semester VI			
	Practical VIII PCP	3				
	Practical IX PCP	3				
Part-IV	Value Education	1	2			
Semester-wise Credit Total			22			

SIXTH SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Marks	Ext. Marks	Total
Part-III	CC XX- Electricity and Electromagnetism	5	5	25	75	100
	CC XXI- Quantum Mechanics	5	5	25	75	100
	CC XXII-Mathematical & Numerical Methods	6	5	25	75	100
	DSE II- Microprocessor 8085and Microcontroller	5	5	25	75	100
	CC -XXIII-Practical VII General	3	4	40	60	100
	CC XXIV- Practical VIII- Basic Electronics	3	4	40	60	100
	CC XXV -Practical IX-Applied Electronics	3	4	40	60	100
Part V	Extension Activities	1	1			
Semester-wise Credit Total			33			

APPENDIX – 18 (R)

UNIVERSITY OF MADRAS

B.SC. DEGREE COURSE
CHOICE BASED CREDIT SYSTEM

- I. That in the Regulation relating to B.Sc. Degree Course in Chemistry Regulation 6 Scheme of Examination – under APPENDIX-C the following be added

B.Sc. Chemistry
SCHEME OF EXAMINATIONS

FIRST SEMESTER

S. No	Course component	Name of course	Inst. hours	Credits	External	Internal	Max. marks
1	Part I	Language/ Tamil Paper 1	6	3	75	25	100
2	Part II	English Paper 1	6	3	75	25	100
3	Part III	Core: Paper 1: General Chemistry-I	5	5	75	25	100
4		Core: Paper 3: Practical *	3	2	Examination will be held in II semester.		
5		Allied : Paper 1:	***6	5	75	25	100
6	Part IV	1.a. Those who have not studied Tamil upto XII std and taken a non- tamil language under Part – I shall take Tamil comprising of two courses (level will be at 6 th std). b. Those who have studied Tamil upto XII std and taken a non- Tamil language under Part- I shall take Advanced Tamil comprising of two courses. c. Others who do not come under a+b can choose non-major elective comprising of two courses.	2	2			100
7		2. Soft skill	2	3	60	40	100

- practical examination will be conducted at the end of second semester.

*** Allied Subjects involving practicals – Theory – 4 Hrs – 3 credits

Practical -- 2 Hrs – 2 credits

SECOND SEMESTER

S. No	Course component	Name of course	Inst. hours	Credits	External	Internal	Max. marks
1	Part I	Language/ Tamil Paper 2	6	3	75	25	100
2	Part II	English Paper 2	6	3	75	25	100
3	Part III	Core: Paper 2: General Chemistry II	5	5	75	25	100
4		Core: Paper 3: Practical *	3	2	60	40	100
5		Allied : Paper 2:	6	5	75	25	100
6	Part IV	<p>I. a. Those who have not studied Tamil upto XII std and taken a non- tamil language under Part – I shall take Tamil comprising of two courses (level will be at 6th std).</p> <p>b. Those who have studied Tamil upto XII std and taken a non- Tamil language under Part- I shall take Advanced Tamil comprising of two courses.</p> <p>c. Others who do not come under a+b can choose non- major elective comprising of two courses.</p>	2	2			100
7		2. Soft skill	2	3	60	40	100

* practical examination will be conducted at the end of second semester.

THIRD SEMESTER

Course Components	Subjects	Int. Hrs	Credits	Exam Hrs.	Max. Marks		
					Ext. Marks	Int. Marks	Total
Part - I	Language- Paper - III	6	3	3	75	25	100
Part - II	English - Paper - III	6	3	3	75	25	100
Part - III Core Courses	Paper -IV - General Chemistry III	5	5	3	75	25	100
	Major-Practical IIA	3	2	Examination will be held in IV semester.			
Allied Subject-II	Paper - I - Allied Part-IA	4 2	3 2	3	75	25	100
Part - IV - 2. Soft Skill -III		2	3		60	40	100
3. Environmental Studies		2		Examination will be held in IV Semester			

FOURTH SEMESTER

Course Components	Subjects	Inst. Hrs.	Credits	Exam Hrs.	Max. Marks		
					Ext. Marks	Int. Marks	Total
Part - I	Language- Paper - IV	6	3	3	75	25	100
Part - II	English - Paper - IV	6	3	3	75	25	100
Part - III Core Courses	Paper - V - Inorganic Chemistry - I	5	5	3	75	25	100
	Paper - VI - Major-Practical IIB	3	2	3	60	40	100
Allied Subject-II	Paper - I - Allied Part-IB	4 2	3 2	3	75	25	100
Part - IV 2. Soft Skill -IV		2	3		60	40	100
3.Environmental Studies		2		3	75	25	100

B.Sc. DEGREE COURSE IN CHEMISTRY (2017 JUNE onwards)

Scheme of examination for First and Second semesters

Sem	Course Component	Course	Paper Title	Hours week	Credits	Theory/ pract	Exam Duration	Internal Marks	External Marks	Total Marks
I	Part III	Core -1	General Chemistry -1	5	5	Theory	3 Hrs	25	75	100
	Part III	Core -2	Major Practicals - 1	3	2	Practicals	**	40	60	100
	Part - III	Allied -1	Allied - 1	6	5	***				
	Part IV	Non Major Based Elective -1	Chemistry in Everyday life / Cottage industry products/ Textile Chemistry	2	2	Theory	3 Hrs	25	75	100
	Part IV	Skill Based Elective I SOFT SKILL	-	2	2	---	---	---	---	---
II	Part III	Core -3	General Chemistry II	5	5	Theory	3 Hrs	25	75	100
	Part III	Core -4	Major Practicals I	3	2	Practicals	**	40	60	100
	Part III	Allied 1	Allied - 1	6	5	***				
	Part IV	Non Major Based Elective II	Soil and Agricultural Chemistry / Dairy Chemistry/Food Chemistry	2	2	Theory	3 Hrs	25	75	100
	Part IV	Skill Based Elective II SOFT SKILL	-	2	2	-	-	-	-	-

** At the end of even semesters.

*** Allied Subjects involving practicals – Theory – 4 Hrs – 3 credits
Practical – 2 Hrs – 2 credits

	Internal	External	Total
Theory	- 25	75	100
Practical	- 40	60	100

APPENDIX - 9 (R&S)
UNIVERSITY OF MADRAS
B.SC. CHEMISTRY

(With effect from the academic year 2017-2018)

Revised Regulations AND SYLLABUS FOR II & III YEARS

This revised Syllabus and scheme of Examinations will take effect for the students admitted from the academic year 2017-18 onwards..

THIRD SEMESTER

Course Components	Subjects	Int. Hrs	Credits	Exam Hrs.	Max. Marks		
					Ext. Marks	Int. Marks	Total
Part – I	Language- Paper – III	6	3	3	75	25	100
Part – II	English - Paper – III	6	3	3	75	25	100
Part – III	Core Paper –IV – General Chemistry III	5	5	3	75	25	100
	Core Paper V - Major-Practical II	3			Examination will be held in IV semester		
	Paper – III – Allied Theory	4	3	3	75	25	100
	Paper III-Allied Practical	2	2		Examination will be held in IV Semester		
Part – IV	2. Soft Skill –III	2	3		60	40	100
	3. Environmental Studies	2	-		Examination will be held in IV Semester		

FOURTH SEMESTER

FOURTH SEMESTER

Allied : Theory - 4 hrs - 3 Credits

Practical - 2 hrs- 2 Credits

Course Components	Subjects	Inst. Hrs.	Credits	Exam Hrs.	Max. Marks		
					Ext. Marks	Int. Marks	Total
Part - I	Language- Paper - IV	6	3	3	75	25	100
Part - II	English - Paper - IV	6	3	3	75	25	100
Part - III	Paper - VI - General Chemistry - IV	5	5	3	75	25	100
	Paper - V - Major-Practical II	3	2	3	60	40	100
	Paper - IV - Allied Theory	4	3	3	75	25	100
	Paper - I - Allied Practicals	2	2	3	60	40	100
Part - IV	2. Soft Skill -IV	2	3		60	40	100
	3.Environmental studies	2	-	3	75	25	100

FIFTH SEMESTER

Course Components	Subjects	Inst. Hrs.	Credits	Exam Hrs.	Max. Marks		
					Ext. Marks	Int. Marks	Total
Part - III	Core Paper - VII - Inorganic Chemistry I	4	4	3	75	25	100
	Core Paper - VIII - Organic Chemistry I	4	4	3	75	25	100
	Core Paper - IX - Physical Chemistry I	4	4	3	75	25	100
	Core Paper - X - Gravimetric Analyses, (Practical-III)	3			Examination will be held in VI semester.		
	Core Paper - XI - Organic analysis and preparation (Practical - IV)	3					
	Core Paper - XII - Physical Chemistry (Practical - V)	3					
	Elective Paper - I (Pharmaceutical/ Industrial)	4	5	3	75	25	100
	Elective Paper - II (Nanomaterials/ Polymer Chemistry)	4	5	3	75	25	100
Part - IV	Value Education	1	2	3	75	25	100

SIXTH SEMESTER

Course Components	Subjects	Inst. Hrs.	Credits	Exam Hrs.	Max. Marks		
					Ext. Marks	Int. Marks	Total
Part - III	Core Paper - XIII - Inorganic Chemistry II	5	5	3	75	25	100
	Core Paper - XIV - Organic Chemistry II	5	5	3	75	25	100
	Core Paper - XV - Physical Chemistry II	5	5	3	75	25	100
	Core Paper - X Gravimetric Analysis (Practical-III)	3	3	3	60	40	100
	Core Paper - XI - Organic analysis and preparation (Practical - IV)	3	3	3	60	40	100
	Core Paper - XII Physical Chemistry (Practical-V)	3	3	3	60	40	100
	Elective Paper - III (Spectroscopy/ Analytical Chemistry)	5	5	3	75	25	100
	Part - V	Extension Actives	1	1			

3. Course Structure

FIRST SEMESTER

Course Components	Subjects	Int. Hours	Credits	Exam Hours	Max. Marks		
					Ext. Marks	Int. Marks	Total
Part - I	Language – Paper – I	6	3	3	75	25	100
Part - II	English – Paper – I	6	3	3	75	25	100
Part - III	Core Paper – I – General Chemistry I	4	4	3	75	25	100
	Core Paper –II – Major Practical I	3	-	Examination will be held in IV semester			
	Allied Theory - Mathematics I	6	5	3	75	25	100
	Non Major Elective I (Chemistry in everyday life / Cottage Industry products / Textile chemistry)	2	2	3	75	25	100
Part - IV	Soft Skill – I	2	3		60	40	100

SECOND SEMESTER

Course Components	Subjects	Int. Hours	Credits	Exam Hours	Max. Marks		
					Ext. Marks	Int. Marks	Total
Part - I	Language – Paper – II	6	3	3	75	25	100
Part - II	English – Paper – II	6	3	3	75	25	100
Part - III	Core Paper – III – General Chemistry II	4	4	3	75	25	100
	Core Paper – II – Major Practical I	3	3	3	60	40	100
	Allied Theory - Mathematics II	6	5	3	75	25	100
Part - IV	Non Major Elective (Soil and agricultural chemistry / Dairy chemistry / Food Chemistry)	2	2	3	75	25	100
	Soft Skill – II	2	3		60	40	100

THIRD SEMESTER

Course Components	Subjects	Int. Hours	Credits	Exam Hours	Max. Marks		
					Ext. Marks	Int. Marks	Total
Part - I	Language – Paper – III	6	3	3	75	25	100
Part - II	English – Paper – III	6	3	3	75	25	100
Part - III	Core Paper – IV – General Chemistry III	4	4	3	75	25	100
	Core Paper – V – Major Practical II	3	-	Examination will be held in IV semester			
	Allied Theory – Physics I	4	4	3	75	25	100
	Allied Practical – Physics	2	-	Examination will be held in IV semester			
Part - IV	Soft Skill – III	2	3		60	40	100
	Environmental Studies	2	-	Examination will be held in IV semester			

FOURTH SEMESTER

Course Components	Subjects	Int. Hours	Credits	Exam Hours	Max. Marks		
					Ext. Marks	Int. Marks	Total
Part - I	Language – Paper – IV	6	3	3	75	25	100
Part - II	English – Paper – IV	6	3	3	75	25	100
Part - III	Core Paper – VI – General Chemistry IV	4	4	3	75	25	100
	Core Paper – V – Major Practical II	3	3	3	60	40	100
	Allied Theory- Physics II	4	4	3	75	25	100
	Allied Practical – physics	2	2	3	60	40	100
Part - IV	Soft Skill – IV	2	3	-	60	40	100
	Environmental Studies	2	2	3	75	25	100

FIFTH SEMESTER

Course Components	Subjects	Int. Hours	Credits	Exam Hours	Max. Marks		
					Ext. Marks	Int. Marks	Total
Part – III	Core Paper – VII – Inorganic Chemistry I	4	4	3	75	25	100
	Core Paper-VIII- Organic Chemistry I	4	4	3	75	25	100
	Core Paper – IX- Physical Chemistry I	4	4	3	75	25	100
	Core Paper –X- Gravimetric Analysis (Practical III)	3	-		Examination will be held in VI semester		
	Core paper – XI- Organic analysis and preparation(Practical IV)	3	-				
	Core Paper – XII – Physical Chemistry (Practical – V)	3	-				
	Elective Paper I (Pharmaceutical/Industrial)	4	5	3	75	25	100
	Elective Paper II (Nanomaterials/ Polymer Chemistry)	4	5	3	75	25	100
Part - IV	Value Education	1	2	3	75	25	100

SIXTH SEMESTER

Course Components	Subjects	Int. Hours	Credits	Exam Hours	Max. Marks		
					Ext. Marks	Int. Marks	Total
Part – III	Core Paper – XIII – Inorganic Chemistry II	5	5	3	75	25	100
	Core Paper-XIV- Organic Chemistry II	5	5	3	75	25	100
	Core Paper – XV- Physical Chemistry II	5	5	3	75	25	100
	Core Paper –X- Gravimetric Analysis (Practical III)	3	4	3	60	40	100
	Core paper – XI- Organic analysis and preparation(Practical IV)	3	4	3	60	40	100
	Core Paper – XII – Physical Chemistry (Practical – V)	3	4	3	60	40	100
	Elective Paper III (Spectroscopy/Analytical chemistry)	5	5	3	75	25	100
Part - V	Extension Activities	1	1				

APPENDIX-15(R & S)
UNIVERSITY OF MADRAS
B.Sc ., DEGREE COURSE IN HOME SCIENCE – INTERIOR DESIGN AND DÉCOR
(With effect from the academic year 2016-2017)

REVISED SCHEME OF EXAMINATION:
SEMESTER I

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART I	Language Paper – I	6	3	25	75	100
PART II	English Paper - I	6	3	25	75	100
PART III	Core Paper – I : Principles of Interior Design	5	4	25	75	100
	Core Paper II: Basics of Decorative Styles and Accessories	5	4	25	75	100
	Allied Paper- I : Fundamentals of Building Science	6	5	25	75	100
PART IV	* Basic Tamil / Advanced Tamil / NME	2	2	25	75	100
	Soft Skill-I		3	50	50	100

Non Major Elective Papers:-

Any One of the following:

- | | |
|---|---|
| <p>1. Basic Cookery</p> <p>3. Interior Decoration</p> | <p>2. Creche Organization</p> <p>4. Textile Designing</p> |
|---|---|

SEMESTER II

Course content	Name of subject	Ins hrs	Credits	CIA	External	Total
PART I	Language Paper – II	6	3	25	75	100
PART II	English Paper - II	6	3	25	75	100
PART III	Core Paper III: Colour and Lighting	5	4	25	75	100
	Core Paper IV: Fibre To Fabric	5	4	25	75	100
	Allied Paper II: Life Space Planning	6	5	25	75	100
PART IV	* Basic Tamil / Advanced Tamil / NME	2	2	25	75	100
	Soft Skill-II		3	50	50	100

Non Major Elective Papers:-

Any One of the following:

- | | |
|--|---|
| <p>1. Fundamentals of bakery</p> <p>2. Food Preservation</p> | <p>2. Guidance and Counseling</p> <p>4. Hand Embroidery</p> |
|--|---|

- * (a) Non-Tamil Students upto XII Std must be studied “ Basic Tamil “ comprising of two course in degree level
- (b) Tamil Students upto XII Std, taken Non-Tamil Language under Part-I at degree level Shall be taken “ Advanced Tamil “ comprising of two courses.
- (c) Tamil Students upto XII Std and taken Tamil under Part-I Language at degree level shall be chosen “Non- Major Electives “ at degree level

SEMESTER III

Course content	Name of subject	Ins hrs	Credits	CIA	External	Total
PART I	Language Paper – III	6	3	25	75	100
PART II	English Paper – III	6	3	25	75	100
PART III	Core Paper V: Floriculture And Landscape Design	5	4	25	75	100
	Core Paper VI: Surface Finishes	5	4	25	75	100
	Allied Paper III: Basics of Autocad	6	5	25	75	100
PART IV	Environmental Studies	2	Examination will be held in VI Semester			
	Soft Skill – III		3	50	50	100

SEMESTER IV

Course Content	Name Of Subject	Ins Hrs	Credits	CIA	External	Total
PART I	Language Paper – IV	6	3	25	75	100
PART II	English Paper – IV	6	3	25	75	100
PART III	Core Paper VII: Art and Design on Textiles	5	4	25	75	100
	Core Paper VIII: Kitchen Design	5	4	25	75	100
	Allied Paper IV: Computer Aided Design	6	5	25	75	100
PART IV	Environmental Studies	2	2	25	75	100
	Soft Skill – IV		3	50	50	100

SEMESTER V

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART III	Core Paper IX: Ergonomics	5	4	25	75	100
	Core Paper X: Basics of Nutrition	5	4	25	75	100
	Core Paper XI: Furnishings in Interiors	6	4	25	75	100
	Core Paper XII: Applied Arts	6	4	25	75	100
	Elective Paper I: Communication and Graphic Design	6	5	25	75	100
PART V	Value Education	2	2	25	75	100

SEMESTER VI

Course content	Name of subject	Ins hrs	Credits	CIA	External	Total
PART III	Core Paper XIII: Resource Management	6	4	25	75	100
	Core Paper XIV: Furniture Design	6	4	25	75	100
	Core Paper XV: Visual Arts	6	4	25	75	100
	Elective Paper II: Entrepreneurial Development	6	5	25	75	100
	Elective Paper III: Front office and House Keeping	6	5	25	75	100
PART V	Extension Activities		1			

AC'F16

5. M.A. DEGREE COURSE IN ENGLISH

FIRST SEMESTER

S.NO.	COURSE COMPONENTS	NAME OF COURSE	SEMESTER	INST. HOURS	CREDITS	HRS	MAX MARKS	
							CIA	EXTERNAL
1	CORE	PAPER 1 Poetry I From Chaucer to 17 th Century	I	6 HRS	4	3	25	75
2	CORE	PAPER 2 Drama I Elizabethan and Jacobean Drama	I	6 HRS	4	3	25	75
3	CORE	PAPER 3 Fiction I Origins and Developments upto 18 th Century	I	6 HRS	4	3	25	75
4	CORE	PAPER 4 Indian Writing in English and in Translation	I	6 HRS	4	3	25	75
5	ELECTIVE (within the department)	Classics in Translation	I	4 HRS	3	3	25	75
6	ELECTIVE (for other departments)	Spoken English	I	4 HRS	3	3	25	75
7	Soft Skills		I	4 HRS	2	3	25	75

SECOND SEMESTER

S.NO.	COURSE COMPONENTS	NAME OF COURSE	SEMESTER	INST. HOURS	CREDITS	HRS	MAX MARKS	
							CIA	EXTERNAL
8	CORE	PAPER 5 American Literature	II	6 HRS	4	3	25	75
9	CORE	PAPER 6 Poetry II Eighteenth to Nineteenth Century	II	6 HRS	4	3	25	75
10	CORE	PAPER 7 Drama II Restoration to Twentieth Century	II	6 HRS	4	3	25	75
11	CORE	PAPER 8 Fiction II Nineteenth to Twentieth Century	II	6 HRS	4	3	25	75
12	Elective within the Department /ED	English for Careers	II	4 HRS	3	3	25	75
13	Elective for other Departments	English for Careers	II	4 HRS	3	3	25	75
14	Soft Skills		II	4 HRS	2	3	25	75

5. M.A. DEGREE COURSE IN ENGLISH

THIRD SEMESTER

COURSE COMPONENTS	NAME OF COURSE	SEMESTER	INST. HOURS	CREDITS	HRS	MAX MARKS	
						CIA	EXTERNAL
CORE	PAPER 9 Shakespeare Studies	III	6 HRS	4	3	25	75
CORE	PAPER 10 English Language and Linguistics	III	6 HRS	4	3	25	75
CORE	PAPER 11 Literary Criticism and Literary Theory	III	6 HRS	4	3	25	75
Elective within the Department /ED	Literature, Analysis, Approaches and Applications	III	4 HRS	3	3	25	75
Elective /ED	Copy Editing	III	4 HRS	3	3	25	75
Soft Skills		III	4 HRS	2	3	40	60
Internship		III		2			

**** Internship will be carried out during the summer vacation of the first year and marks should be sent to the University by the College and the same will be included in the Third Semester Marks Statement.**

FOURTH SEMESTER

COURSE COMPONENTS	NAME OF COURSE	SEMESTER	INST. HOURS	CREDITS	HRS	MAX MARKS	
						CIA	EXTERNAL
CORE	PAPER 12 Twentieth Century Poetry	III	6 HRS	4	3	25	75
CORE	PAPER 13 Writings by and on Women	IV	6 HRS	4	3	25	75
CORE	PAPER 14 General Essay	IV	6 HRS	4	3	25	75
Soft Skills		IV		4	3	40	60
Elective within the Department /ED	Film Studies	IV	4 HRS	3	3	20	80
PROJECT PLUS VIVA VOCE	PAPER 15	IV	-----	6	---	150 Project * 50 Viva Voce (Viva – fully external)	

* Project: Internal - 50 Marks
External – 100 Marks

60 Credits to secure from Core Papers in all the four semesters. Minimum total credits 90 credits for securing a Post-graduate degree in a given subject.

S.No.	Questions	Marks classification	Total Mrks
1.	Section A – 10 Questions out of 12	10 x 1	10
2.	Section B – 5 Questions out of 7	5 x 5	25
3.	Section C – 4 Questions out 6	4 x 10	40

APPENDIX-21 (R& S)
UNIVERSITY OF MADRAS
M.A. DEGREE COURSE IN ENGLISH
(With effect from 2018-2019)
REGULATIONS

FIRST SEMESTER

Course Components	Title of the Paper	CREDITS	CIA	UE	TOTAL
CORE PAPER I	Poetry I From Chaucer to 17 th Century	4	25	75	100
CORE PAPER II	Drama I Elizabethan and Jacobean Drama	4	25	75	100
CORE PAPER III	Fiction I Origins and Developments upto 18 th Century	4	25	75	100
CORE PAPER IV	Indian Writing in English and in Translation	4	25	75	100
ELECTIVE PAPER-I	Classics in Translation	3	25	75	100
ELECTIVE PAPER -II	Spoken English	3	25	75	100
	Soft Skill-I	2	40	60	100

24/08

SECOND SEMESTER

Course Components	Title of the Paper	CREDITS	CIA	UE	TOTAL
CORE PAPER- V	American Literature	4	25	75	100
CORE PAPER- VI	Poetry II -Eighteenth to Nineteenth Century	4	25	75	100
CORE PAPER- VII	Drama II -Restoration to Twentieth Century	4	25	75	100
CORE PAPER-VIII	Fiction II -Nineteenth to Twentieth Century	4	25	75	100
EXTRA DISCIPLINARY-I	English for Professional Communication	3	25	75	100
ELECTIVE PAPER-III	English for Careers	3	25	75	100
	Soft Skills-II	2	40	60	100

24/12

THIRD SEMESTER

Course Components	Title of the Paper	CREDIT	CIA	UE	TOTAL
CORE PAPER-IX	Shakespeare Studies	4	25	75	100
CORE PAPER-X	English Language and Linguistics	4	25	75	100
CORE PAPER XI	Literary Criticism and Literary Theory	4	25	75	100
EXTRA DISCIPLINARY-II	Literature, Analysis, Approaches and Copy Editing	3	25	75	100
ELECTIVE PAPER IV	Introduction to Translation Studies	3	25	75	100
Internship		2			
	Soft Skill III	2	40	60	100

** Internship will be carried out during the summer vacation of the first year and marks should be sent to the University by the College and the same will be included in the Third Semester Marks Statement.

FOURTH SEMESTER

Course Components	Title of the Paper	Credits	CIA	UE	TOTAL
CORE PAPER- XII	Twentieth Century Poetry	4	25	75	100
CORE PAPER-XIII	Writings by and on Women	4	25	75	100
CORE PAPER -XIV	English Literature for UGC NET/SET Examination	4	25	75	100
ELECTIVE PAPER-V	Film Studies	3	25	75	100
CORE PAPER- XV	Research Methodology and Project Writing	4			*200
	Soft Skill IV	2	40	60	100

* 50 Marks – Theory External Examinations
 25 Marks - Theory Internal Examinations
 50 Marks – Project
 25 Marks – Project Internal
 50 Marks – Viva – Voce Total : 200 Marks

S.No.	Questions	Marks classification	Total Marks
1.	Section A – 10 Questions out of 12	10 x 1	10
2.	Section B – 5 Questions out of 7	5 x 5	25
3.	Section C – 4 Questions out of 6	4 x 10	40

APPENDIX - 28 (R)
UNIVERSITY OF MADRAS
M. Com Degree Course in (ACCOUNTING AND FINANCE)
(Choice Based Credit System)

REVISED REGULATIONS
(w.e.f.2013 – 2014 onwards)

CONDITIONS FOR ADMISSION:

1. M.Com. ACCOUNTING AND FINANCE

A candidate who has passed the B.Com. B.Com/B.A (Corporate Secretaryship), B.Com (Accounting & Finance) B.C.S., B.B.A., B.Com (Bank Management), B.Com. (Computer Applications), B.A.(Co-operation), B.A. (Industrial Organization) and B.Sc.(Mathematics) or B.Sc.(Computer Science) or B.C.A. or any other UG degree with at least any two core/main Accounting papers offered at the B.Com shall be eligible for admission to M.Com Degree Program.

5. Revised Scheme of Examinations

First Semester

Course Components	Code	Subjects	Instructional Hours	Credits	Exam. Hours	Max. Marks		
						CIA	External	Total
Core Paper - I	AF 701	International Financial Management	6	4	3	25	75	100
Core Paper - II	AF 703	Cost Estimation and Control	6	4	3	25	75	100
Core Paper - III	AF 705	Financial Management	6	4	3	25	75	100
Core Paper - IV	AF 707	Advanced Corporate Accounting and Accounting Standards	6	4	3	25	75	100
Elective I		Accounting Information System Or Managerial Economics	6	3	3	25	75	100
Soft Skill - I				2	-	40	60	100

Second Semester

Course Components	Code	Subjects	Instructional Hours	Credits	Exam. Hours	Max. Marks		
						CIA	External	Total

Core Paper - V	AF 701	Financial and Cost Audit		4	3	25	75	100
Core Paper - VI	AF 703	Income Tax Law and Practice		4	3	25	75	100
Core Paper - VII	AF 705	Quantitative Techniques for Business Decisions		4	3	25	75	100
Elective II		Information Systems Audit Or Financial Markets and Institutions		3	3	25	75	100
Extra Disciplinary Elective &		Computerized Accounting		3	3	25	75	100
Internship				2	-	-	-	100
Soft Skill - II				2	-	40	60	100

& To be offered by other Department

Internship will have to be carried out at the end of the Second Semester and the report of the same shall be submitted by the students within a period of one month after the completion of the Internship. The Internship report shall be evaluated by the two examiners within the Department of the College. The marks shall be sent to the University by the College and the same will be included in the Third Semester Statement of Marks

Third Semester

Course Components	Code	Subjects	Instructional Hours	Credits	Exam. Hours	Max. Marks		
						CIA	External	Total
Core Paper - VIII	AF 701	Indirect Taxes		4	3	25	75	100
Core Paper - IX	AF 703	Fundamentals of Information Technology		4	3	25	75	100
Core Paper - X	AF 705	Research Methodology		4	3	25	75	100
Elective III		Strategic Cost Management Or Working Capital Management		3	3	25	75	100
Elective IV		Accounting for decision making Or Insurance and Risk		3	3	25	75	100

		Management						
Extra Disciplinary Elective		Business Ethics and Corporate Governance and Social Responsibility		3	3	25	75	100
Soft Skill – III				2	-	40	60	100

Fourth Semester

Course Components	Code	Subjects	Instructional Hours	Credits	Exam. Hours	Max. Marks		
						CIA	External	Total
Core Paper – XI	AF 701	Business Analytics		4	3	25	75	100
Core Paper – XII	AF 703	Investment Analysis and Portfolio Theory		4	3	25	75	100
Core Paper – XIII	AF 705	Strategic Management		4	3	25	75	100
Core Paper – IV and XV		Project Plus Viva-voce		8		40	160 [@]	200
Elective V		Income Tax and Tax Planning Or Indian Financial System		3	3	25	75	100
Soft Skill - IV				2	-	40	60	100

@ Viva-voce examination carries 40 Marks and Project Report carries 120 Marks

* Project Viva-voce is considered equivalent to two core papers. Hence, a College may choose to offer the following two core papers in lieu of the Project Viva-voce

Core Paper – XVI	Com 216	Financial Derivatives		4	3	25	75	100
Core Paper – XVII	Com 218	International Banking and Global Financial Markets		4	3	25	75	100

APPENDIX- (R)

M.SC. DEGREE COURSE IN MATHEMATICS

Scheme of Examinations:

SEMESTER-I

PAPER NUMBER	COURSE COMPONENTS/TITLE	Credits	Exam Hours	Marks		Total
				CIA	UE	
Core Paper - I	Algebra-I	4	3	25	75	100
Core Paper - II	Real Analysis-I	4	3	25	75	100
Core Paper - III	Ordinary Differential Equations	4	3	25	75	100
Core Paper- IV	Graph Theory	4	3	25	75	100
Elective Paper - I	(Choose one from Group-A)	4	3	25	75	100
Soft Skill Paper-I		2	3	40	60	100

Elective - I

Any one of the following courses from Group-A shall be chosen as an Elective-I.

Group-A:

1. Formal Languages and Automata Theory
2. Discrete Mathematics
3. Mathematical Economics
4. Fuzzy sets and Applications.

SEMESTER-II

Core Paper - V	Algebra-II	4	3	25	75	100
Core Paper - VI	Real Analysis- II	4	3	25	75	100
Core Paper - VII	Partial Differential Equations	4	3	25	75	100
Core Paper- VIII	Probability Theory	4	3	25	75	100
Elective Paper - II	(Choose one from Group B)	4	3	25	75	100
Soft Skill Paper -II		2	3	40	60	100
	*Summer Internship	2				

Elective-II

Any one of the following courses from Group-B shall be chosen as an Elective-II.

Group-B:

5. Programming in C ++ and Numerical Methods
6. Mathematical Programming
7. Wavelets
8. Java Programming

* **Internship will be carried out during the summer vacation of the first year and marks should be sent to the University by the College and the same will be included in the Third Semester Marks Statement.**

THIRD SEMESTER

PAPER NUMBER	COURSE COMPONENTS/TITLE	Credits	Exam Hours	Marks		Total
				CIA	UE	
Core Paper - IX	Complex Analysis-I	4	3	25	75	100
Core Paper - X	Topology	4	3	25	75	100
Core Paper - XI	Operations Research	4	3	25	75	100
Core Paper - XII	Mechanics	4	3	25	75	100
Elective Paper -III	(Choose one from Group C)	4	3	25	75	100
Soft Skill Paper -III		2	3	40	60	100

Elective-III

Any one of the following courses from Group-C shall be chosen as Elective-III

Group-C

9. Algebraic Theory of Numbers
10. Number Theory and Cryptography
11. Stochastic Processes
12. Data Structures and Algorithms

* Internship will be carried out during the summer vacation of the first year and marks should be sent to the University by the College and the same will be included in the Third Semester Marks Statement.

FOURTH SEMESTER

Core Paper - XIII	Complex Analysis-II	4	3	25	75	100
Core Paper - XIV	Differential Geometry	4	3	25	75	100
Core Paper - XV	Functional Analysis	4	3	25	75	100
Elective Paper - IV	(Choose one from Group D)	4	3	25	75	100
Elective Paper - V	(Choose one from Group E)	4	3	25	75	100
Soft Skill Paper -IV		2	3	40	60	100

Elective-IV

Any one of the following papers from Group-D shall be chosen as Elective-IV.

Group-D:

13. Fluid Dynamics
14. Combinatorics
15. Mathematical Statistics
16. Algebraic Topology

Elective-V

Any one of the following papers from Group-E shall be chosen as Elective-V

Group - E

17. Tensor Analysis and Relativity
18. Mathematical Physics
19. Financial Mathematics
20. Calculus of Variations and Integral Equations.

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16. M.Sc. DEGREE COURSE IN INFORMATION TECHNOLOGY

First Semester

S.No.	Course components	Name of Course	Credits	Exam. Duration	Max. Marks	
					CIA	UE
1	Core -1	C++ and Data Structures	4	3	25	75
2	Core -2	Computer Architecture	4	3	25	75
3	Core -3	Database Management Systems	4	3	25	75
4	Elec-1	Elective -I	4	3	25	75
5	Core -4	Practical – I: Data Structures Lab. Using C++	2	3	40	60
6	Core -5	Practical – II : RDBMS Lab.	2	3	40	60
7	Soft Skill-1		2	3	25	75

Second Semester

S.No.	Course components	Name of Course	Credits	Exam. Duration	Max. Marks	
					CIA	UE
7	Core –6	Operating Systems	4	3	25	75
8	Core -7	Programming in Java	4	3	25	75
9	Elec-2	Elective – II	3	3	25	75
10	Elec-3	Elective – III	3	3	25	75
12	Core-8	Practical – III: Java Programming Lab.	2	3	40	60
13	Elec -4	Practical – IV: Lab. Based on Elective III	2	3	40	60
	Soft Skill-2		2	3	25	75
	Internship Training		2	3	25	75

List of Electives

Elective – I

Visual Programming OR E-Commerce OR Programming in C

Elective -II

Software Engineering OR Data Warehousing and Data Mining OR Software Testing

Elective III

Internet Technology OR Network Programming OR Windows Programming

Elective – IV

Practical IV: Based on Elective -III

16. M.Sc. DEGREE COURSE IN INFORMATION TECHNOLOGY

THIRD SEMESTER

Course components	Name of Course	Credits	Exam. Duration	Max. Marks	
				CIA	UE
Core	Computer Networks	4	3	25	75
Core	Design and Analysis of Algorithms	4	3	25	75
Core	Advanced Java Programming	4	3	25	75
Extra-Disciplinary	Information Security	4	3	25	75
Elective	Elective – V	4	3	25	75
Core	Practical – V: Advanced Java Lab.	2	3	40	60
Soft Skill-3		2	3	40	60
Soft Skill-4		2	3	40	60
Internship**	During summer vacation 4 to 6 weeks of I Year	2			100

**** Internship will be carried out during the summer vacation of the first year and marks should be sent to the University by the College and the same will be included in the Third Semester Marks Statement.**

Fourth Semester

COURSE COMPONENTS	NAME OF COURSE	SEMESTER	CREDITS	EXAM. DURATION	MAX. MARKS	
					CIA	UE
Core	Project & Viva-Voce	IV	20	-	20	60+ 20

List of Electives

Elective – V: Mobile Computing OR Artificial Intelligence OR Computer Graphics



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DEPARTMENT OF MATHEMATICS

COURSE OUTLINE PLAN

SUBJECT : ELEMENTS OF OPERATIONS RESEARCH

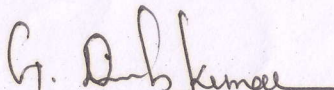
CLASS: II B.COM (G)-B

YEAR:2016-2017

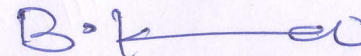
STAFF:G.DINESHKUMAR

IV SEMESTER:(NOV-MAR)

S.NO.	MONTH	UNITS TO BE COVERED	COMPONENTS	UTILIZATION OF RESOURCES
1.	November V week December I week	UNIT- I	Operations Research-Meaning-definition, Origin and History-Characteristic Features-Need –Scope-Techniques-Application-Limitations.	Books
2.	December II III week, January I week	UNIT - IV	Transportation Problems: Meaning(IBFS)-Assumptions- Degenerate Solution-North West CornerRule-Least Cost Method – Vogels Approximation Method-Assignment Problems Features- Transportation Problem Vs Assignment Problem-Hungarian Method.	Assignment Books
3.	January III, IV week	UNIT-V	Game Theory: Meaning-Types of Games- Basic Assumptions-Finding value of game for Pure Strategy-Mixed Strategy- Indetermined Matrix and average Method- Graphical Method-Pure strategy-Saddle Point- Pay off Matrix Value of game.	Assignment Books
4.	February I,II week	UNIT - II	Linear Programming Problem(LPP): Meaning – Requirements –assumptions-Formulating LPP- Advantages-Limitations-Formulating Lp Model.	Assignment Books
5.	February III, IV week March I week	UNIT-III	Methods of LPP: Obtaining Optimal Solution for Linear Programming Problem-Graphical Method Problems-Simplex Method for type of LPP-& for slack Variable Case Maximization Function-Minimization Function.	Assignment Books



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DEPARTMENT OF MATHEMATICS
COURSE OUTLINE
ALLIED MATHEMATICS-II

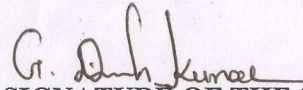
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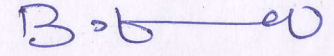
YEAR-2017-2018

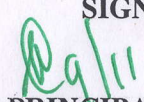
STAFF NAME:G.DINESHKUMAR [SHARINGI]

SEMESTER-II

S.NO	MONTH	UNITS	COMPONENTS	UTILIZATION OF RESOURCES
1	November Week IV December week I	UNIT 1	Reduction formulae : (i)Integral of $\sin x$, $\cos x$, $\sin x \cos x$ and Fourier series: (i)in the interval $(0,2\pi)$ and $(-\pi,\pi)$	Blackboard
2	December week II, III,IV	UNIT II	Ordinary differential equations : (i)Homogenous equations with variable coefficients And Partial differential equations: (i) $f(p,q)=0, f(p,q,x)=0, f(p,q,y)=0$ (ii)Lagrange's equations	Blackboard
3	January Week I, II,III	UNIT III	Laplace transform its inverse and solving differential equations using it	Blackboard
4	February Week I, II,	UNIT IV	Vector differentiation: (i)Divergence and Curl ,Solenoidal, Irrrotational, (ii)Gradient and directional derivative	Blackboard
5	February Week III March Week I	UNIT V	Vector Integrations: (i)Green's theorem, Guass divergence and Stroke's theorem	Blackboard


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DEPARTMENT OF MATHEMATICS

COURSE OUTLINE PLAN

SUBJECT : TRANSFORM TECHNIQUES

CLASS : II B.Sc., Maths(A)

Year : 2017- 2018

STAFF: S.RADHA

SEMESTER : IV

S.NO.	MONTH	UNITS TO BE COVERED	COMPONENTS	UTILIZATION OF RESOURCES
1.	November IV week December week I, II	UNIT – I	Introduction – Properties of Laplace transform- Laplace transform of elementary functions – Problems using properties – Laplace transform of special function, unit step function and Dirac delta function – Laplace transform of derivatives and Integrals – Evaluation of integral using Laplace Transform – Initial Value Theorem- final Value Theorem and problems – Laplace Transform of periodic function.	Black board
2.	December III week January Week I	UNIT – II	Introduction, Properties of inverse Laplace Transform, Problems(usual types): Convolution Theorem – Inverse Laplace Transform using Convolution theorem.	Black board
3.	January Week II,III,IV	UNIT – III	Introduction, Expansions of periodic function of period 2 : expansion of even and odd functions: half range cosine and sine series – Fourier series of change of interval.	Black board
4.	February Week I,II	UNIT – IV	Introduction of Fourier transform – Properties of Fourier Transforms –Inverse Fourier transform – problems, Fourier sine and cosine transforms and their inverse Fourier transform- Problems, Convolution theorem, Parseval's identity and problems using Parseval's identity.	Black board
5.	February Week III, IV March Week I	UNIT – V	Applications of Laplace transform to solution of first and second order linear differential equations (constants coefficients) and simultaneous linear differential equations – application of Laplace transform to partial differential equations. Application of Laplace Transform and Fourier transform to initial and boundary Value Problems.	Black board

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DEPARTMENT OF MATHEMATICS

COURSE OUTLINE 2017-2018

SUBJECT : REAL ANALYSIS-II

CLASS : III B.SC.MATHS (A)

YEAR-2017-2018

STAFF NAME: Mrs.RADHA .S

SEMESTER-VI

S.NO.	MONTH	UNITS TO BE COVERED	COMPONENTS	UTILIZATION OF RESOURCES
1.	November 3 & 4 th week	UNIT- I	Functions continuous on a metric space, open sets	Books
	December 1 st week		Closed sets, discontinuous function on the real line	Books
	2 nd week		More about open sets, connected sets, bounded sets, and totally bounded sets	Books
2.	3 rd week	UNIT -II	Complete metric spaces, Compact metric space	Books
	January 1 st week		Continuity of inverse functions, uniform continuity Sets of measure zero	Books
	2 nd week		Definition of the Riemann integral	Books
3.	3 rd week	UNIT -III	Existence of the Riemann Integral, Properties of Riemann integral	Books
	4 th week		Derivative, Rolle's theorem	Books
	February 1 st week		Law of mean, Fundamental theorems of calculus, Taylor's theorem	Books
4.	2 nd week	UNIT -IV	Sequences and series of functions	Books
	March 1 st week		Point wise convergence of sequences	Books
	2 nd week		Uniform convergence of sequences of functions	Books

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DEPARTMENT OF MATHEMATICS

COURSE OUTLINE 2017-2018

SUBJECT : FUNCTIONAL ANALYSIS

CLASS : II M.SC.MATHS

YEAR-2017-2018

STAFF NAME: Mrs.RADHA .S

SEMESTER-IV

S.NO	MONTH	UNITS TO BE COVERED	COMPONENTS	UTILIZATION OF RESOURCES
1.	December 1 st week	UNIT- I	Normal space: definition- space example, continuous linear transform,	Books
	2 nd week		The Hahn Banach theorem. The natural embedding of N in N^{**}	
	3 rd week	UNIT -II	Banach spaces & Hilbert spaces, Open mapping theorem.	Books
2.	January 1 st week	UNIT -II	Conjugate of an operator, Definition and properties	Books
	2 nd week		Definition of Orthogonal complements, Orthogonal sets	
	3 rd week	UNIT -III	Conjugate space H^* , Adjoint of an operator	
	4 th week		Self adjoint operator, Normal Operations	
3.	February 1 st week	UNIT -III	Unitary operators, Projections	Books
	2 nd week	UNIT -IV	Banach algebras, some examples, Regular & singular elements	Books
	3 rd week		Topological divisors of zero, Spectrum, spectral radius	
	4 th week	The radical & semi simplicity, Algebras, Gelfand mapping		
4.	March 1 st week	UNIT -V	Spectral radius formula, Involutions in Banach algebras.	Books
	2 nd week		Gelfand Neumark theorem, Structure of commutative Banach algebras	Books

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Accredited at 'A' Grade by NAAC
DEPARTMENT OF MATHEMATICS

COURSE OUTLINE

SUBJECT : COMPLEX ANALYSIS –II

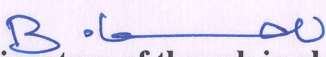
CLAS : II M.SC., Maths

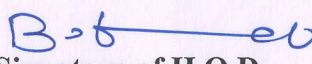
Year : 2018- 2019

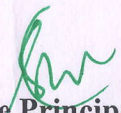
STAFF: B. KALPANA

VI SEMESTER(NOV-MAR)

S.NO.	MONTH	UNITS TO BE COVERED	COMPONENTS	UTILIZATION OF RESOURCES
1.	November Week V December week I, II,	Unit-I	Riemann Zeta Function and Normal Families	Books
2.	December week III January Week I,	Unit – II	Riemann mapping Theorem ; Conformal mappings of polygons ; Harmonic Functions ; Harnack's principle.	Books
3.	January Week II, III.	Unit- III	Elliptic functions : Simply periodic functions – Doubly periodic functions	Assignment given
4.	January IV week, February Week I, II,	Unit – IV	Weierstrass Theory The weierstrass p – function – The sheaves – sections and Riemann. Surfaces – Analytic continuation.	Books
5.	February week III,IV, March Week I, II,	Unit-V	Analytic continuation. The weierstrass Theory – Germs and Sheaves – Section and Riemann surfaces - Analytic continuation. Along Arcs.	Seminar given


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Signature of H.O.D


Signature of the Principal

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VIDHYASAGAR WOMENS COLLEGE, CHENGALPATTU
Accredited at "A" Grade by NAAC
DEPARTMENT OF MATHEMATICS
COURSE OUTLINE PLAN

SUBJECT : OPERATIONS RESEARCH

CLASS: III B.Sc.,MATHS-A

YEAR:2018-2019

STAFF:B.KALPANA

VI SEMESTER:(NOV-MAR)

S.NO.	MONTH	UNITS TO BE COVERED	COMPONENTS	UTILIZATION OF RESOURCES
1.	Nov IV week, December I week	Unit-II	Transportation problem: Mathematical Formulation, Basic feasible Solution, North West Corner Rule, Least Cost Method ,Vogel's approximation,Optimal solution,Unbalanced Transportation Problem, Degeneracy in Transportation Problems. Assignment problems: Mathematical formulation, comparison with Transportation Model.Hungarian Method, Unbalanced assignment Problem.	Books and Assignment
2.	December II,III week January I II,III week	Unit – III	Sequencing Problem: n jobs on 2 machined- n jobs on 3 machines- two jobs on m machines- n jobs on m machines. Game theory: Two - Person Zero sum game with saddle point-without saddle point- dominance-solving $2 \times n$ or $m \times 2$ game by graphical method.	Books and Assignment
3.	January IV,V week	Unit- V	Network: Project Network Diagram- CPM and PERT computations.	Books and Seminar
4.	February I, II week	UNIT – I	Linear Programming: Formulation- Graphical solution, Simplex method . Big M method,Duality –Primal –dual relation.	PPT and Books

5.	February III, IV week	UNIT - IV	Queuing theory: Basic Concepts. Steady state analysis M/M/1 and M/M/S models with finite and infinite capacities.	Books and Assignment
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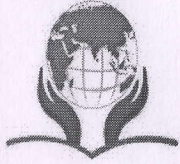
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K. s. w.
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DEPARTMENT OF MATHEMATICS

COURSE OUTLINE PLAN

ANALYTICAL GEOMETRY

CLASS : I B.Sc., MATHS (A)

YEAR-2018-2019

STAFF NAME: R. RENUKA DEVI

SEMESTER-II (NOV-MAR)

S.NO	MONTH	UNITS	COMPONENTS	UTILIZATION OF RESOURCES
1	November Week IV December week I	UNIT 1	Chord of contact-Polar and pole - conjugate points and conjugate lines- Chord with (x, y) as its midpoint – diameters – conjugate diameters of an ellipse	Blackboard
2	December week II, III,IV	UNIT II	Co-normal points- Polar coordinates- polar equation of a circle – Equation of a st line- Equation of Chord- Equations of asymptotes of a hyperbola	Blackboard
3	January Week I, II,III	UNIT III	System of planes – Length of the perpendicular – orthogonal projection	Blackboard
4	February Week I, II	UNIT IV	Representation of line - Angle between a line and a plane- coplanar lines - Shortest distance 2 skew lines- Intersection of three planes	Blackboard
5	February Week III,IV, March Week I	UNIT V	Equations of a sphere - Section of a sphere by a plane- equation of a circle; tangent plane; radical plane - orthogonal spheres	Blackboard

For B. S. Renuka Devi

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B. S. Renuka Devi

Signature of the HOD

Renuka Devi
Signature of the Principal

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DEPARTMENT OF MATHEMATICS
COURSE OUTLINE PLAN
STATISTICAL METHODS & THEIR APPLICATIONS II

STAFF: Mrs .R.RENUGA DEVI

YEAR: 2018 – 2019

CLASS: II BSC CS (B)

II Semester (NOV - MAR)

S.NO.	MONTH	UNITS TO BE COVERED	COMPONENTS	UTILIZATION OF RESOURCES
1.	November V week, December I week	UNIT- I	Random variable – mathematical expectation – moment generating function – chebychev's inequality	Books
2.	December II III week, January I week	UNIT - II	Standard distributions – binomial, poisson & normal – fitting of distributions	Books
3.	January III, IV week	UNIT-III	Concept of sampling distributions – test of significance – test of independence of attributes – contingency table	Assignment , Books
4.	February I,II week	UNIT – IV	Analysis of variance – one way , two way classification – analysis of RBD, CRD and Latin Square – concept of factorial experiments	Books
5.	February III, IV week March I week	UNIT– V	Non-parametric test – sign test – run test – Wilcoxon signed rank test – mannwhitney U test – comparison between parametric & non parametric test	Books

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DEPARTMENT OF COMMERCE

S.NO	NAME OF THE STAFF	CLASS	SUBJECT	UNIT	PORTION TO BE COMPLETED	ACTUALLY COMPLETED	PENDING IF ANY
		II B.Com (CA)	Elements of Cost Accounting	I, II (W)	I, II (W)	I, II (W)	
1)	Dr. G. VALARMATHI	II M.Com (C&F)	Business Ethics	I, II (W)	I, II (W)	I, II (W)	

JUN 2019-NOV 2019

		II M.Com	Insurance Tax	1, II (W)	1, II (W)	1, II (W)	
		II B.Com	Portfolio Management	1, II (W)	1, II (W)	1, II (W)	
2)	Mr. N. S. SARAVANAN	II B.Com (CA)	Valuation	1, II (W)	1, II (W)	1, II (W)	

DEPARTMENT OF COMMERCE

S.NO	NAME OF THE STAFF	CLASS	SUBJECT	UNIT	PORTION TO BE COMPLETED	ACTUALLY COMPLETED	PENDING IF ANY	REASON FOR
1)	Dr. G. VALARMATHI	II B.com CCA)	Elements of Cost Accounting	I, II (1/2)	I, II (1/2)	I, II (1/2)	-	
		II M.com (A & F)	Business Ethics, Corporate Governance, & Social Responsibility	I, II (1/2)	I, II (1/2)	I, II (1/2)	-	
		II BBW						
2)	Mr. N. S. SARAVANAN	I M.com	Indirect Tax	I, II (1/2)	I, II (1/2)	I, II (1/2)	-	
		II B.com	Portfolio Management	I, II (1/2)	I, II (1/2)	I, II (1/2)	-	
		II B.com (A)	Income Tax - I	I, II (1/2)	I, II (1/2)	I, II (1/2)	-	
		II B.com B						
3)	Mr. B. BELVAIHI							

NAME OF THE STAFF	CLASS	SUBJECT	UNITS	PORTIONS TO BE COMPLETED	ACTUALLY COMPLETED	PENDING IF ANY	REASON FOR DEFAULT
Mrs. R. REVATHI	III BCom B	Financial Mgt	I, II(half)	I, II(half)	I, II(half)	-	-
	III BCom CA	Practical Audit	I, II(half)	I, II(half)	I, II(half)	-	-
	II MCom (A&F)	Working Capital Management	I, II(half)	I, II(half)	I, II(half)	-	-
Mrs. V. RAJALAKSHMI	II BBM	Management Accounting	I, IV (Half)	I, IV (Half)	I, IV (Half)	-	-
	II B.Com (C)	Corporate Accounting	IV, I	IV, I	IV, I	-	-
	I BBM	Business Communication	I	I	I	-	-

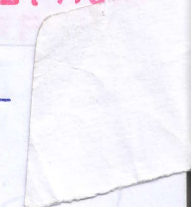
R. Revathi

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NAME OF THE STAFF	CLASS	SUBJECT	UNITS	PORTIONS TO BE COMPLETED	ACTUALLY COMPLETED	PENDING IF ANY	REASONS FOR DEFAULT
A. MOHANA SUNDARI	III B.com (C)	Elements of Cost Accounting	I, II (1/2)	I, II 1/2	I, II 1/2	—	—
	III BBM	Credit and Risk Management	I	I	I	—	—
	IB.com (CA)	Business Communication	I	I	I	—	—
A. JENITA ROSELINE	III B.com 'B'	Elements of Cost A/c.	I, II (1/2)	I, II (1/2)	I, II (1/2)	—	—
	II B.com 'A'	Marketing	I, II (1/2)	I, II (1/2)	I, II (1/2)	—	—

A.H.

A. J. J.



NAME OF THE STAFF	CLASS	SUBJECTS	UNITS	PORTIONS TO BE COMPLETED	ACTUALLY COMPLETED	PENDING IF ANY	REASONS FOR DEFAULT
S. G. SUBHASRI	III B.com Gen A'	Financial Management	I, II (1/2)	I, II (1/2)	I, II (1/2)	-	
	II B.com C.A.	Business Law	I, II (1/2)	I, II (1/2)	I, II (1/2)	-	
	II B.com Gen A'	Business Law	I, II (1/2)	I, II (1/2)	I, II (1/2)	- G. Subhasri	
A. CHRISTHU KAMAL RAJ	II. M.COM (A&F)	Insurance & Risk Management	I, II (1/2)	I, II (1/2)	I, II (1/2)	-	
	III. B.com 'B. Sec.	Income Tax Law & Practice-I	I, II (1/2)	I, II (1/2)	I, II (1/2)	-	
	III. BBM	Banking Theory & Regulatory Mechanisms	I, II (1/2)	I, II (1/2)	I, II (1/2)	-	

NAME OF THE STAFF	CLASS	SUBJECTS	UNITS	PORTION TO BE COMPLETED	ACTUALLY COMPLETED	PENDING IF ANY	REASONS FOR DEF
C. SARANYA DEVI	II B.Com 'C'	Banking Theory Law & Practice	I, II (1/2)	I, II (1/2)	I, II (1/2)	-	for A. Jadhav
M. J. JAYANATHI	II B.Com 'A'	Entrepreneurial Development	I, II (1/2)	I, II (1/2)	I, II (1/2)	-	for D. Shubane.
	I B.Com	Financial Accounting	I	I	I, II (1/2)	-	For A. Shubane.
	III B.Com 'A'	Accounting	I, II (1/2)	I, II (1/2)	I, II (1/2)	-	
DR. R. JAYANTHI	III B.Com 'C'	Income Tax & Practice	I, II (1/2)	I, II (1/2)	I, II (1/2)	-	
	III BBM	Practical Auditing	I, II (1/2)	I, II (1/2)	I, II (1/2)	-	R/S
	II M.Com	Research Methodology	I, II (1/2)	I, II (1/2)	I, II (1/2)	-	
	II B.Com (A)	Business Law (Shankar)	III (1/2)	III (1/2)	III (1/2)	-	DEFAULT FOR BEHIND

NAME OF THE STAFF	CLASS	SUBJECTS	UNITS	PORTIONS TO BE COMPLETED	ACTUALLY COMPLETED	PENDING IF ANY	REASONS FOR DEFAULT
D. SHOBANA	I Bcom 'B' II Bcom 'C' I Bcom 'B' I Bcom 'C' (Shelling)	Corporate Accounts Entrepreneurial Development Business Commercial Business Law	I, (IV 1/2) I, II 1/2 I part II 1/2	I, (IV 1/2) I, II 1/2 I units II 1/2	I, IV 1/2 units I, II 1/2 I units II 1/2	- - - - Dish	- - - -
J. JEYA THEPSIDA	III B. Com (A) III B. Com (CA) II B. Com (CB)	Cost Accounting Income Tax-1 Marketing	I, II 1/2 I, II 1/2 I, II 1/2	I, II 1/2 I, II 1/2 I, II 1/2	I, II 1/2 I, II 1/2 I, II 1/2	- - -	- - -

J. Jeyathepsida

NAME OF THE STAFF	CLASS	SUBJECTS	UNITS	PORTIONS TO BE COMPLETED	ACTUALLY COMPLETED	PENDING IF ANY	REASONS FOR DEFAULT
Ms. M. JUWAIRIAH Ms. D. DHANUKRISHNI	II BBM	ADVANCE CORPORATE ACCOUNTING	IV, I 1/2	IV, I 1/2	IV, I 1/2	-	-
	I B.COM 'A'	BUSINESS COMMUNICATION	I	I	I	-	-
	I B.COM CA	BUSINESS ECONOMICS	I	I	I	-	-
	I B.COM 'B'	BUSINESS ECONOMICS (SHARING)	I	I	I	-	-
Ms. K. THANUJA	II B.com CA	Adv. Corporate Accounting	IV, I 1/2	IV, I 1/2	IV, I 1/2	-	-
	II B.com B	Business Law	I, II 1/2	I, II 1/2	I, II 1/2	-	-
	I BBM	Business Economics	I	I	I	-	-
	I B.com	Business	I	I	I	-	-

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19/7/19

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NAME OF THE STAFF	CLASS	SUBJECTS	UNITS	PORTIONS TO BE COMPLETED	ACTUALLY COMPLETED	PENDING IF ANY	REASONS FOR DEFAULT
Mrs. S. RAMYA A. D. SHANMUGI	III B.com	Practical	I, II 1/2	I, II 1/2	I, II 1/2	-	-
	II B.com	Accounting	I	I	I	-	-
	II BBM	Banking Theory and Practice	I, II 1/2	I, II 1/2	I, II 1/2	-	-
	I B.com (CA)	Financial Accounting	I	I	I	-	-
	II B.com (CA)	Business Economics	I	I	I	-	-
Ms. D. SATHYA BANU	III B.com (CA)	Financial Management	I, II 1/2	I, II 1/2	I, II 1/2	-	-
	II B.com (L)	Marketing	I, II 1/2	I, II 1/2	I, II 1/2	-	-
	II B.com (B)	Banking (Sharing)	II 1/2	II 1/2	II 1/2	-	-
	I B.com (CA)	Financial Accounting	I	I	I	-	-

NAME OF THE STAFF	CLASS	SUBJECTS	UNITS	PORTION TO BE COMPLETED	ACTUALLY COMPLETED	PENDING IF ANY	REASONS FOR DEFAULT
S. R. RAMA PRABHA	III B.com (GT) 'A'	Practical Auditing	I, II 1/2	I, II 1/2	I, II 1/2	-	18/09/11
D. SHANTHI	II B.C.A (A, B, C)	Financial Accounting	I, II 1/2	I, II 1/2	I, II 1/2	-	-
D. SHANTHI	I B.com (GT) 'C'	Financial Accounting	I, II 1/2	I, II 1/2	I, II 1/2	-	-
D. SHANTHI	II B.com (A)	Computerised Accounting	I, II	I, II 1/2	I, II 1/2	-	-
D. SHANTHI	III B.com B	Entrepreneurial development	I, II	II	I	II	(II 1/2) unit handled by D. SHANTHI
D. SHANTHI	II B.com 'B'	Banking Theory Law + practice	I	I	I	-	-

DEPARTMENT OF COMMERCE

NAME OF THE STAFF	CLASS	SUBJECT	UNIT	PORTION TO BE COVERED	ACTUALLY COMPLETED	PENDING IF ANY	REASON
	I M. Com (C&F)	International Financial Management	I, II, III, IV	I, II, III, IV	I, II, III, IV		
	I M. Com (C&F)	Business Ethics Corporate Governance	I, II, III, IV	I, II, III, IV	I, II, III, IV		
	I M. Com (C&F)	Indirect Tax	I, II, III, IV	I, II, III, IV	I, II, III, IV		
	B. Com (A)	Income Tax	I, II, III, IV	I, II, III, IV	I, II, III, IV		
	B. Com	part of the syllabus	I, II, III, IV	I, II, III, IV	I, II, III, IV		

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