

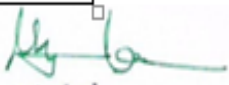


AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN
(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY)
ANNA NAGAR, MADURAI-625 020, TAMIL NADU
www.ambigacollege.com

1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented



S. No	Particulars	Page No.
1	Approval for CBCS System	2
2	MICRO BIOLOGY	3-7
3	ENGLISH	8-11
4	MATHS	12-15
5	MATHS CA	16-20
6	BCOM	21-24
7	BCOM CA	25-27
8	COMPUTER SCIENCE	28-31
9	BCA	32-34
10	FASHION TECHNOLOGY	35-39
11	TAMIL	40-44
12	BBA	45-48
13	PHYSICS	49-51
14	CHEMISTRY	52-56


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www.ambigacollege.com

Date., 28/12/2020

TO WHOM SO EVER IT MAY CONCERN

We followed CBCS syllabus for the following programmes in our college from 2014 to till date.

Programmes:

1. B. A Tamil
2. B. A English
3. BBA
4. B.com
5. B.com (Computer Application)
6. B.sc Computer Science
7. BCA
8. B.sc Mathematics
9. B.sc Mathematics (Computer Application)
10. B.sc Microbiology
11. B.sc Physics
12. B.sc Chemistry
13. B.sc Costume Designing & Fashion Technology
14. M.com (Computer Application)
15. M.sc (Computer Science)
16. M.sc (Microbiology)
17. M.sc (Mathematics)

It is for your kind perusal

Thanking you,


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Anna Nagar, Madurai-625 020

MICRO BIOLOGY

placed at the meeting of
Academic Council
held on 26.03.2018

APPENDIX – CE
MADURAI KAMARAJ UNIVERSITY
(University with Potential for Excellence)

B.Sc. Ancillary Biology (Semester)
(for Biochemistry, Microbiology and Biotechnology Majors)

CBCS

(With effect from 2018-19 onwards)

Paper I
GENERAL BIOLOGY

Unit I
Basis of classification: species, genus, family-Nomenclature-binomial system. Systems of classification-artificial, natural and phylogenetic; Bentham and Hooker system of classification of plants (Cohort level only). General classification of animals up to class level with examples as mentioned in practical syllabus-description for example is not required.

Unit II
General characters and classification up to class level for the plant groups algae, fungi and Bryophytes. Type study (Development of sex organs need not be discussed).
Algae: *Sargassum*, Fungi: Yeast, Bryophytes: *Funaria*

Unit III
General characters and classification up to class level for the plant groups Pteridophytes and Gymnosperms. Type study (Development of sex organs and anatomical aspects need not be discussed). Pteridophytes: *Selaginella*, Gymnosperms: *Pinus* – economic importance of gymnosperms. Angiosperms: description of a typical monocot and dicot flowers.

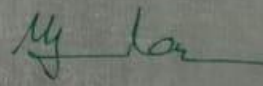
Unit IV
Digestive, respiratory, excretory and reproductive systems in cockroach and frog.

Unit V
Digestive, respiratory, excretory and reproductive systems in pigeon and man.

References:

1. A.C. Dutta: **Botany for Degree Students**, Oxford University Press.
2. G.M. Smith: **Cryptogamic Botany**, Vol. I & II, Tata McGraw Hill.
3. W.T. Tailor and R.J. Wehe: **General Biology**, East West Press Pvt. Ltd.

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SCHEME OF EXAMINATIONS

Subject Code	Title of the Paper	Weekly contact hours	No. of credits	Examination Hours	Marks		
					Int.	Ext.	Total
I Semester							
MS01	General Micro Biology	6	6	3	25	75	100
MS02	Cell Biology & Biochemistry	6	6	3	25	75	100
MS03	Agricultural & Environmental Microbiology	6	6	3	25	75	100
MS04	Practical -- I	6	3	6	40	60	100
ME01	Medical Microbiology (T&P)	6	4	3	25	75	100
	Total	30	25				500

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I Semester					
Immunology	6	6	3	25	
Molecular biology & Microbial Genetics	6	6	3	25	
Fermentation Technology	6	6	3	25	
Practical - II	6	3	6	40	
Applied Microbiology	6	4	3	25	
Total	30	25			
III Semester					
Genomics & Proteomics (T&P)	6	4	3	25	
Microbial Bioremediation	6	6	3	25	
Genetic Engineering	6	6	3	25	
Bioinformatics	6	6	3	25	
Practical - III	6	3	6	25	
Total	30	25			
IV Semester					
Research Methodology	5	5	3	25	7
Project and Viva - voce	25	10	<i>My 1a</i>	20	8
Total	30	15			

[Signature]

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new syllabus

M.Sc. Microbiology

8. Unitization

Subject code	Title of the Paper	Weekly contact hours	No. of credits	Examination Hours	Marks		
					Int.	Ext.	Total
I Semester							
MS01	General Micro Biology	6	6	3	25	75	100
MS02	Cell Biology & Biochemistry	6	6	3	25	75	100
MS03	Agricultural & Environmental Microbiology	6	6	3	25	75	100
MS04	Practical – I	6	3	6	40	60	100
ME01	Medical Microbiology (T&P)	6	4	3	25	75	100
	Total	30	25				500
II Semester							
MS05	Immunology	6	6	3	25	75	100
MS06	Molecular biology & Microbial Genetics	6	6	3	25	75	100
MS07	Fermentation Technology	6	6	3	25	75	100
MS08	Practical – II	6	3	6	40	60	100
NME01	Applied Microbiology	6	4	3	25	75	100
	Total	30	25				500
III Semester							
ME02	Genomics & Proteomics (T&P)	6	4	3	25	75	100
MS09	Microbial Bioremediation	6	6	3	25	75	100
MS10	Genetic Engineering	6	6	3	25	75	100
MS11	Bioinformatics	6	6	3	25	75	100
MS12	Practical – III	6	3	6	25	75	100

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	Total	30	25				500
	IV Semester						
MS13	Research Methodology	5	5	3	25	75	100
MS14	Project and Viva – voce	25	10		20	80	100
	Total	30	15				200
	Grand Total		90				1700



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ENGLISH

*Placed at the meeting of
Academic Council
held on 26.03.2018*

APPENDIX - C
MADURAI KAMARAJ UNIVERSITY
(University with Potential for Excellence)

PART - II ENGLISH

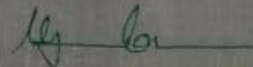
Syllabus for Part II English for B.A., and B.Sc., and other allied Science courses (for the first four semesters) and B.B.A., B.Com., and other commerce-based courses (For first two semesters only)

CHOICE BASED CREDIT SYSTEM
REVISED SYLLABUS

(For those students who join B.A., B.Sc., and B.com., courses from June 2018 and afterwards)

Objectives:

1. To guide the students to comprehend through prose the various modes of discourse-how an event is described, how an argument is developed and clinched, and through poetry how an experience is imaginatively rendered and enriched and how, when pithily and concisely employed, language itself experiences joyous exaltation and subtle expansion.
2. To let the students savour the dramatic and spoken idiom through a study of a play of Shakespeare and of One Act plays.
3. To enable the students to take in the breadth of the vocabulary of the English language and the sweep of the entire gamut of human emotions by means of a study of a classic English novel.
4. To help the students understand the various aspects the English language as they study the units of grammar.
5. To facilitate the students to practice and train themselves in the skills of reading, of controlled writing and eventually of freer writing through the units of the composition.
6. To assist the students to develop and, to a reasonable degree, gain proficiency in the skills of language in order for them to cope with the together demands both in their upward academic pursuit and in their quest of employment opportunities.



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Placed at the meeting of
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APPENDIX - B
MADURAI KAMARAJ UNIVERSITY
(University with Potential for Excellence)

B.A. English Literature - Semester

Revised Syllabus for Part III English/Choice Based Credit System)


(For those students who join B.A., Branch XII (b) English Literature from June 2018 and afterwards)

Objectives:


1. To enable students to gain proficiency in the use of English language.
2. To expose them to classics in English literature.
3. To enable them gain knowledge of the social and literary history of England, the literary genres, the literary movements, and the various schools of thought in literary criticism.
4. To develop their vocabulary and English language skills so as to enable them perform well in competitive examinations, like Public Service Commission Examination, TOEFL & GRE.
5. To expose them face challenges in mass media.
6. To help the students to develop career-oriented skills through elective courses.
7. To develop the skills the students really like to develop through choice based credit system.
8. To enable the students through skill based elective courses and non-major elective subjects to have a good deal of freedom and to be employable immediately on completion of their degree programme.

DETAILS OF THE COURSE:

Semester	Details of the Subject	Hours per week	Marks		Total Marks	Credit
			Int.	Ext.		
I	Part I Language	6	25	75	100	3
	Part II English	6	25	75	100	3
	Part III Core Subject					
	1. Prose	5	25	75	100	4
	2. Short Stories	5	25	75	100	4
	Allied Subject I					
	1. Literary Forms	6	25	75	100	5
	Part IV					
	NME - I Functional English - I	2	25	75	100	2
	Part I - Language	6	25	75	100	3
Part II - English	6	25	75	100	3	


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II	Part III Core Subject					
	3. Poetry I	5	25	75	100	4
	4. Fiction	5	25	75	100	4
	Allied Subject II					
	The Social History of England	6	25	75	100	4
III	Part IV					
	NME – 2 Functional English – 2	2	25	75	100	2
	Part I – Language	6	25	75	100	3
	Part II – English	6	25	75	100	3
	Part III – Core Subject					
	5. Poetry II	5	25	75	100	4
	Allied Subject III					
	Advanced English Grammar and Usage	5	25	75	100	4
	Elective – I					
	History of English Literature I	4	25	75	100	4
IV	Part IV Skill based Paper I					
	1. Word Power	2	25	75	100	2
	2. Creative Writing	2	25	75	100	2
	Part I Language	6	25	75	100	3
	Part II English	6	25	75	100	3
	Part III Core Subject					
	6. Indian Writing	4	25	75	100	4
	7. Twentieth Century Literature	4	25	75	100	4
	Allied Subject IV					
	Phonetics and Spoken English	3	25	75	100	4
V	Elective Subject II					
	The History of English Literature – II	3	25	75	100	3
	Part IV – Skill based Paper II					
	3. Presentation skills	2	25	75	100	2
	4. Job Seeking Skills	2	25	75	100	2
	Part V - Extension Activities Core Subject					
	8. Drama	5	25	75	100	4
	9. American Literature	5	25	75	100	4
10. New Literatures in English	5	25	75	100	4	
11. Women's writing in English	5	25	75	100	4	
12. Journalism and Mass Communication	3	25	75	100	4	
Elective Subject III						
Literary Criticism I	5	25	75	100	3	
Part IV – Skill based Paper III						
5.Environmental Studies	2	25	75	100	2	


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VI	Core Subject					
	13. Shakespeare	5	25	75	100	4
	14. English Language Teaching	5	25	75	100	4
	15. Translation Theory and Practice	5	25	75	100	4
	16. Introduction to Literary Theories	3	25	75	100	3
	17. English for Employment	5	25	75	100	4
	Elective paper IV					
	Literary Criticism II	5	25	75	100	4
	Part IV – Skill based Paper IV					
	5. Value Education	2	25	75	100	2
Part V – Extension Activities (Internal Examination only)	--	100	--	100	3	
		180			140	

THE SCHEME OF EXAMINATION AND QUESTION PATTERN

The Internal and External marks may be 25:75

The pattern of Semester End Examination Question Paper will be as follows

Time: 3 Hrs & Max Marks: 75

Section A: (10 x 1 = 10 Marks)

Question No.1 to 10 (Multiple Choice)

Two questions from each unit. Three choices in each question.

No 'none of these' choice.

Section B: (5 x 7 = 35 Marks)

Answer all questions choosing either (a) or (b)

Answer not exceeding **two pages**.

(One question from each unit) 11 (a) or 11 (b)

12 (a) or 12 (b)

13 (a) or 13 (b)

14 (a) or 14 (b)

15 (a) or 15 (b)

Section C: (3 x 10 = 30 Marks)

Answer not exceeding **four pages**.

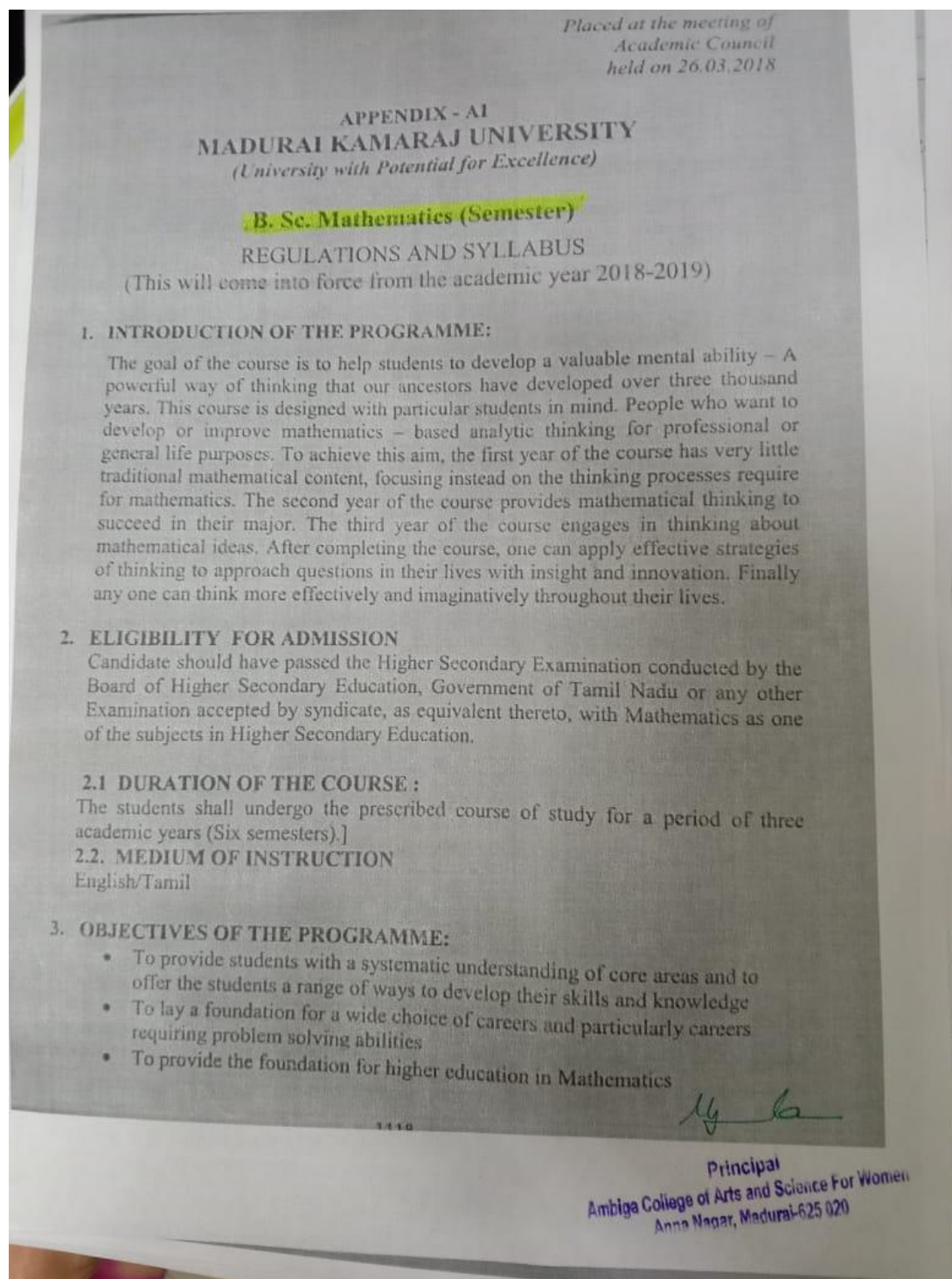
Answer any **three out of five questions** (one question from each unit)


The pattern for Internal Valuation may be

1. Two tests – 15 marks each Average 15 marks
2. Group Discussion / Seminar / Quiz – 5 marks
3. Two assignments: 5 mark each. Average 5 marks
4. Third test may be allowed for absentees of any one of the two tests.
5. If the college opts for quiz, two quizzes should be conducted.


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B.SC MATHEMATICS




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- Each subject is designed to meet effective teaching and learning objectives.
7. TEXT BOOKS
List of text books will be given at the end of the syllabus.
18. REFERENCE BOOKS
List of reference books are followed by the list of text books.
19. RE-TOTALING AND REVALUATION PROVISION
Students may apply for re-totalling and revaluation after declaration of result within 15 days.
20. TRANSITORY PROVISION
The candidates of previous syllabus scheme may be permitted to write exams in their own schemes up to the examinations of April 2020 as a transitory provision.

Subjects of Study in B. Sc (Mathematics)

Parts	Subjects	No. of Courses	Hours per Six Working days	Credits	Max. Marks
I	Tamil Paper I	1	6	3	100
II	English Paper I	1	6	3	100
III Core Subjects	1. Calculus	1	5	5	100
	2. Theory of Equations and Trigonometry	1	5	5	100
Allied Subject I	Physics I	1	6	4	100
IV Non Major Elective	Fundamentals of Mathematics	1	2	2	100
Total		6	30	22	600

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M.SC MATHEMATICS

maths (PG) - 2

Elective Subjects for M. Sc., Mathematics

Sem	S.No	Course Title	Credits
I List I	1	Automata Theory	4
	2	Discrete Mathematics	4
	3	Calculus of Variations	4
II List II	4	Galois Theory	4
	5	Integral Transforms	4
	6	Numerical Methods	4
IV List IV	7	Fluid Dynamics	4
	8	Fuzzy Sets and Logic	4
	9	Financial Mathematics	4

Non-Major Elective Subjects for M. Sc., Mathematics

Sem	S.No	Course Title	Credits
III List III	1	Statistical Method	4
	2	Quantitative Aptitude	4
	3	Competitive Mathematics	4

Semester	Subject Code	Course Title	Credits
Major Elective			
I		Automata Theory	4
		Discrete Mathematics	4
		Calculus of Variations	4
Major Elective			
II		Galois Theory	4
		Integral Transforms	4
		Numerical Methods	4
Non Major Elective			
III		Statistical Method	4
		Quantitative Aptitude	4
		Competitive Mathematics	4
Major Elective			
IV		Fluid Dynamics	4
		Fuzzy Sets and Logic -	4
		Financial Mathematics	4

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New maths (part) - 1

Scheme of Examinations

S. No	Title of the paper	Credits	Contact Hours	Duration of Exams (in hours)	Marks		
					External	Internal	Total
I	Groups and Rings	5	6	3	75	25	100
	Theory of Riemann Integrations	5	6	3	75	25	100
	Ordinary Differential Equations	4	6	3	75	25	100
	Differential Geometry	4	6	3	75	25	100
	Elective I / From list I	4	6	3	75	25	100
	Linear Algebra	5	6	3	75	25	100
II	Real Analysis	5	6	3	75	25	100
	Classical Mechanics	4	6	3	75	25	100
	Partial differential equations	4	6	3	75	25	100
	Elective II / From list II	4	6	3	75	25	100
	Topology	5	6	3	75	25	100
III	Measure Theory	5	6	3	75	25	100
	Graph Theory	4	6	3	75	25	100
	Probability and Statistics	4	6	3	75	25	100
	Non-Major Elective III / list IV	4	6	3	75	25	100
	Functional Analysis	5	6	3	75	25	100
IV	Number Theory and Cryptography	5	6	3	75	25	100
	Complex Analysis	5	6	3	75	25	100
	Operations Research	4	6	3	75	25	100
	Elective IV / From list III	4	6	3	75	25	100

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B.SC MATHEMATICS (COMPUTER APPLICATION)

*Placed at the meeting of
Academic Council
held on 26.03.2018*

APPENDIX - AJ
MADURAI KAMARAJ UNIVERSITY
(University with Potential for Excellence)

CHOICE BASED CREDIT SYSTEM

B. Sc Mathematics with Computer Applications (Semester)

REGULATIONS AND SYLLABUS

(This will come into force from the academic year 2018-2019)

1. INTRODUCTION OF THE PROGRAMME:

The goal of the course is to help students to develop a valuable mental ability – A powerful way of thinking that our ancestors have developed over three thousand years. This course is designed with particular students in mind. People who want to develop or improve mathematics – based analytic thinking for professional or general life purposes. To achieve this aim, the first year of the course has very little traditional mathematical content, focusing instead on the thinking processes require for mathematics. The second year of the course provides mathematical thinking to succeed in their major. The third year of the course engages in thinking about mathematical ideas. After completing the course, one can apply effective strategies of thinking to approach questions in their lives with insight and innovation. Finally any one can think more effectively and imaginatively throughout their lives.

2. ELIGIBILITY FOR ADMISSION

Candidate should have passed the Higher Secondary Examination conducted by the Board of Higher Secondary Education, Government of Tamil Nadu or any other Examination accepted by syndicate, as equivalent thereto, with Mathematics as one of the subjects in Higher Secondary Education.

2.1 DURATION OF THE COURSE :

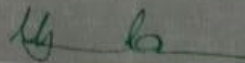
The students shall undergo the prescribed course of study for a period of three academic years (Six semesters).]

2.2. MEDIUM OF INSTRUCTION

English/Tamil

3. OBJECTIVES OF THE PROGRAMME:

- To provide students with a systematic understanding of core areas and to offer the students a range of ways to develop their skills and knowledge



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Anna Nagar, Madurai-625 020

New Maths (CA)

15. REVALUATION PROVISION

Candidates may apply for revaluation of the paper which was already valued, within ten days from the date of publication of the result in the university website along with required forms and fees.

16. TEACHING METHODOLOGY

Each subject is designed with lectures/assignments/peer team teaching/seminar etc. to meet effective teaching and learning.

17. TEXT BOOKS

List of text books will be given at the end of the syllabus of the each subject.

18. REFERENCE BOOKS

List of reference books are followed by the list of text books.

19. RE-TOTALING AND REVALUATION PROVISION


Students may apply for re-totaling and revaluation after declaration of result within 15 days.

20. TRANSITORY PROVISION

The candidates of previous syllabus scheme may be permitted to write exams in their own schemes up to the examinations of April 2020 as a transitory provision.

Subjects of Study in B. Sc (Mathematics)

Semester	Parts	Subjects	No.of Courses	Hours per Six Working days	Credits	Max. Marks	
	I	Tamil Paper I	1	6	3	100	
	II	English Paper I	1	6	3	100	
	III Core Subjects	1	Calculus	1	5	5	100
		2	Theory of Equations and Trigonometry	1	5	5	100
	IV Non Major Elective	Allied Subject I	1. Fundamentals of Computers	1	6	4	100
			Fundamentals of Mathematics	1	2	2	100
			Total	6	30	22	600



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Semester	Parts	Subjects	No.of. Courses	Hours per Six Working days	Credits	Max Marks
II	I	Tamil Paper II	1	6	3	100
	II	English Paper II	1	6	3	100
	III Core Subjects	3. Differential Equations	1	5	5	100
		4. Analytical Geometry of 3D and Vector Calculus	1	5	5	100
	Allied Subject I	2. Database management system 3. Practical	2	6	3 + 1	100+ 100
	IV Non Major Elective	Quantitative Aptitude	1	2	2	100
		Total	7	30	22	700


Semester	Parts	Subjects	No.of. Courses	Hours per Six Working days	Credits	Max Marks
III	I	Tamil Paper III	1	6	3	100
	II	English Paper III	1	6	3	100
	III Core subject	5. Mechanics	1	6	6	100
	Allied Subject I	4. Visual Programming	1	6	4	100
	Allied Subject II	1. Programming in C	1	6	4	100
		Total	5	30	20	500

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Semester	Parts	Subjects	No.of Courses	Hours per Six Working days	Credits	Max Marks
IV	I	Tamil Paper IV	1	6	3	100
	II	English Paper IV	1	6	3	100
	III Core subject	6. Basics of Analysis	1	6	6	100
	Allied Subject I	5. Programming in JAVA 6. Practical in JAVA	2	6	3 + 1	100+ 100
	Allied Subject II	2. Programming in C++ + Practical	2	6	3 - 1	100- 100
		3. Extension Activities	1		1	
		Total	8	30	21	700

Semester	Parts	Subjects	No.of Courses	Hours per Six Working days	Credits	Max Marks
V	III Core Subjects	7. Modern Algebra	1	5	5	100
		8. Real Analysis	1	5	5	100
		9. Fundamentals of Statistics	1	5	5	100
		10. Operations Research	1	5	5	100
	Allied Subject II	4. Graph Theory	1	6	4	100
	IV Skill Based Subjects	1. Fourier Series and Laplace Transform	1	2	2	100
		2. Environmental Studies	1	2	2	100
		Total	7	30	28	700


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Semester	Parts	Subjects	No.of Courses	Hours per Six Working days	Credits	Max Marks
VI	III Core Subjects	11. Linear Algebra	1	5	5	100
		12. Complex Analysis	1	5	5	100
		13. Statistics	1	5	5	100
		14. Elective	1	5	4	100
	Allied Subject II	5. Numerical Methods	1	6	4	100
	IV Skill Based Subjects	3. Logic and Boolean Algebra	1	2	2	100
		4. Value Education	1	2	2	100
			Total	7	30	27

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Anna Nagar, Madurai-625 020

Placed at the meeting of
Academic Council
held on 26.03.2018

APPENDIX - G
MADURAI KAMARAJ UNIVERSITY
(University with Potential for Excellence)

B.Com. (Semester)

CHOICE BASED CREDIT SYSTEM
REVISED SYLLABUS

(This will be effective from the academic year 2018-2019)

Regulation, Scheme of Examination and Syllabus

1. Introduction of the Programme:

The main object of this course is to develop basic skill in commerce and computer subjects. The core papers of this course inculcate basic accounting knowledge for maintaining proper accounts and develop entrepreneurial skill to begin startups. It also provides foundation for doing higher education in the form of ACS/CMA/ACA courses and M.Com/MBA.

2. Eligibility for admission:

Candidates seeking admission to B.Com (CA) Semester Degree Course should have passed the Higher Secondary Examination of the Government of Tamil Nadu (or) and other examination accepted as equivalent by the Syndicate of Madurai Kamaraj University.

3. Objectives of the Programme :

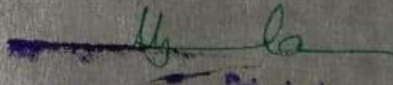
1. To develop basic skills in the subjects of Commerce and computer subjects.
2. To expose the students to computer applications in the field of Commerce / Business.
3. To develop entrepreneurial skill.

4. Outcome of the Programme:

Upon Successful completion of this course it is expected that student will:

1. Be critical and creative scholar who
 - Produces innovative solutions to problems
 - Applies research skill to business challenges
2. Be responsible and effective global citizen who:
 - Engages in an internationalized world
 - Exhibits cross cultural competence
 - Demonstrates ethical values
3. Demonstrate broad knowledge and technical skill in at least one area of commerce and be able to provide discipline based solutions relevant to the business, professional and public policy.

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COURSE STRUCTURE AND SCHEME OF EXAMINATION – SEMESTER WISE
I SEMESTER

S.No	Part	Title Of the Paper	Hours/ Week	Credit	Internal	External	Maximum Marks
1	I	Tamil/Malayalam/Hindi/ Arabic/French or வணிக செய்தல் தொடர்புகள் UJKJ11	6	3	25	75	100
2	II	English – I UENJE11	6	3	25	75	100
3	III	Managerial Economics CCRJA11	6	5	25	75	100
4	III	Marketing CCRJC11	5	4	25	75	100
5	III	Financial Accounting - I CCRJC12	5	4	25	75	100
6	IV	Non – Major Elective – Business Accounting	2	2	25	75	100
		Hindi I - UHNJ11	30	21			

II SEMESTER


S.No	Part	Title Of the Paper	Hours/ Week	Credit	Internal	External	Maximum Marks
1	I	Tamil/Malayalam/Hindi/ Arabic/French or கவிதை கோட்பாடுகளும் நடைமுறைகளும் UJKJ21	6	3	25	75	100
2	II	English – II UENJE21	6	3	25	75	100
3	III	Economic Development of India CCRJA11	6	5	25	75	100
4	III	Principles of Management CCRJC21	5	4	25	75	100
5	III	Financial Accounting II CCRJC22	5	4	25	75	100
6	IV	Non – Major Elective – Advertising and Salesmanship	2	2	25	75	100
		Hindi II - UHNJ21	30	21			

III SEMESTER

S.No	Part	Title Of the Paper	Hours/ Weak	Credit	Internal	External	Maximum Marks
1	III	Banking Theory Law & Practice	5	4	25	75	100
2	III	Fundamentals of Company Law	5	4	25	75	100
3	III	Financial Accounting III	6	4	25	75	100
4	III	Business statistics	6	5	25	75	100
5	III	Cost Accounting	6	4	25	75	100
6	IV	Fundamentals of Computer (Skill Based)	2	2	25	75	100
			30	23			

IV SEMESTER

S.No	Part	Title Of the Paper	Hours/ Weak	Credit	Internal	External	Maximum Marks
1	III	Auditing	5	4	25	75	100
2	III	Business Mathematics	6	5	25	75	100
3	III	Management Accounting	6	4	25	75	100
4	III	Financial Accounting IV	6	4	25	75	100
5	III	Services Marketing	5	4	25	75	100
6	IV	Goods and Services Tax	2	2	25	75	100
			30	23			


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V SEMESTER

S.No	Part	Title Of the Paper	Hours /Week	Credit	Internal	External	Maximum Marks
1	III	Financial Accounting - V	5	4	25	75	100
2	III	Business Laws	5	4	25	75	100
3	III	Income Tax Law and Practice - I	5	4	25	75	100
4	III	Entrepreneurship Development	5	4	25	75	100
5	III	Elective: I (Any one subject from A)	6	5	25	75	100
6	IV	Environmental Studies (5 years) UVEJ VII	2	2	25	75	100
7	IV	Export - Import Procedures and Documentation	2	2	25	75	100
			30	25			

VI SEMESTER

S.No	Part	Title Of the Paper	Hours/ Week	Credit	Internal	External	Maximum Marks
1	II	Industrial relations and Labour Laws	5	4	25	75	100
2	III	Income Tax Law and Practice - II	5	4	25	75	100
3	III	Elective II (Any one subject from B)	6	5	25	75	100
4	III	Elective III (Any one subject from C)	6	5	25	75	100
5	IV	Value Education UVEJ VIII (2 yrs)	2	2	25	75	100
6	IV	Ms office and Tally - Theory	2	2	25	75	100
7	IV	Ms office and Tally - Lab	2	2	25	75	100
8	IV	Commerce Practical	2	2	25	75	100
			30	26			

Extension Activities - 1 Credit

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Placed at the meeting of
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held on 26.03.2018

APPENDIX - H
MADURAI KAMARAJ UNIVERSITY
(University with Potential for Excellence)

B.Com. Computer Application - Semester

CHOICE BASED CREDIT SYSTEM

REVISED SYLLABUS

(This will be effective from the academic year 2018-2019)

Regulation, Scheme of Examination and Syllabus

1. Introduction of the Programme:

The main object of this course is to develop basic skill in commerce and computer subjects. The core papers of this course inculcate basic accounting knowledge for maintaining proper accounts and entrepreneurial skill to begin start up. It also provides foundation for doing higher education in the form of ACS/CMA/ACA courses and M.Com/MBA.

2. Eligibility for admission:

Candidates seeking admission to B.Com (CA) Semester Degree Course should have passed the Higher Secondary Examination of the Government of Tamil Nadu (or) and other examination accepted as equivalent by the Syndicate of Madurai Kamaraj University.

3. Objectives of the Programme :

1. To develop basic skills in the subjects of Commerce and computer subjects.
2. To expose the students to computer applications in the field of Commerce / Business.
3. To develop entrepreneurial skill.

4. Outcome of the Programme:

Upon Successful completion of this course it is expected that student will be capable of producing innovative solutions to business activities and applying computer based knowledge and skill to business challenges.

5, 6, 7. Languages, Core Papers, Elective Papers, NME Papers:

Part - I Language for I and II Semesters.

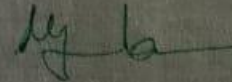
Any one language - Tamil, Malayalam, Hindi, Arabic or French
(OR)

Alternative Subjects : பிறபாடங்கள்

I Semester - வணிக கழித்தொடர்புகள்

II Semester - காப்பீடு கோட்பாடுகளும் தடைமுறைகளும்;

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Ambiga College of Arts and Science For Women
Anna Nagar, Madurai-625 020

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COURSE STRUCTURE AND SCHEME OF VALUATION
SEMESTER WISE

I SEMESTER

S. No.	Part	Title of the Paper	Hours/Week	Credit	Internal	External	Total
1.	I	Tamil/Malayalam/Arabic/French or வணிக கடிதத் தொடர்புகள்	6	3	25	75	100
2.	II	English I	6	3	25	75	100
3.	III	Introduction to PC Software and MS-Office	5	4	25	75	100
4.	III	PC Software and MS-Office – Lab	5	4	25	75	100
5.	III	Financial Accounting – I	6	5	25	75	100
6.	IV	Non Major Elective - Business Accounting	2	2	25	75	100

II SEMESTER

S. No.	Part	Title of the Paper	Hours/Week	Credit	Internal	External	Total
1.	I	Tamil/Malayalam/Arabic/French or காப்பீடு கோட்பாடுகளும் நடைமுறைகளும்.	6	3	25	75	100
2.	II	English II	6	3	25	75	100
3.	III	Business Application Programming	5	4	25	75	100
4.	III	Business Application Programming – Lab	5	4	25	75	100
5.	III	Financial Accounting – II	6	5	25	75	100
6.	IV	Non Major Elective - Advertising and Salesmanship	2	2	25	75	100

III SEMESTER

S. No.	Part	Title of the Paper	Hours/Week	Credit	Internal	External	Total
1.	III	Database Applications	5	4	25	75	100
2.	III	Database Applications (ORACLE)- Lab	5	4	25	75	100
3.	III	Financial Accounting – III	6	5	25	75	100
4.	III	Business Statistics	6	4	25	75	100
5.	III	Cost Accounting	6	4	25	75	100
6.	IV	Retail Marketing (Skill based)	2	2	25	75	100


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IV SEMESTER

S. No.	Part	Title of the Paper	Hours/Week	Credit	Internal	External	Total
1.	II	Introduction to Visual Programming	5	4	25	75	100
2.	II	Visual Programming – Lab	6	4	25	75	100
3.	II	Banking Theory, Law and Practice	5	4	25	75	100
4.	III	Business Mathematics	6	4	25	75	100
5.	III	Financial Accounting - IV	6	5	25	75	100
6.	IV	International Trade (Skill based)	2	2	25	75	100

V SEMESTER

S. No.	Part	Title of the Paper	Hours/Week	Credit	Internal	External	Total
1.	III	Financial Accounting – V	6	5	25	75	100
2.	III	Business Laws	5	4	25	75	100
3.	III	Income Tax Law and Practice I	5	5	25	75	100
4.	III	Introduction to Multimedia and DTP	5	4	25	75	100
5.	III	Multimedia Application – Lab	5	4	25	75	100
6.	IV	Environmental studies (Skill based)	2	2	25	75	100
7.	IV	Export - Import Procedures and Documentation (Skill based)	2	2	25	75	100

VI SEMESTER

S. No.	Part	Title of the Paper	Hours/Week	Credit	Internal	External	Total
1.	III	Labour Laws	6	4	25	75	100
2.	III	Income Tax Law and Practice II	6	5	25	75	100
3.	III	Fundamentals of Internet and Web Technologies	5	4	25	75	100
4.	III	Project work and On the Job Training (Viva - Voce)	5	4	25	75	100
5.	IV	Value Education (Skill based)	2	2	25	75	100
6.	IV	Commerce Practicals (Skill based)	2	2	25	75	100
7.	IV	MS Office & Tally - Lab (Skill based)	2	2	25	75	100
8.	IV	Information Technology (Skill based)	2	2	25	75	100

[Signature]
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College of Arts and Science For Women

B.SC COMPUTER SCIENCE

Placed at the meeting of
Academic Council
held on 26.03.2018

APPENDIX - L
MADURAI KAMARAJ UNIVERSITY
(University with Potential for Excellence)

B.Sc. Computer Science (Semester)

CHOICE BASED CREDIT SYSTEM

REVISED SYLLABUS

(With effect from 2018-19)

SCHEME OF EXAMINATIONS, REGULATIONS AND SYLLABUS

1. Course Objectives:

- To prepare the students to manage the software components in a computer independently and to be a Programmer.
- To motivate the students to take up higher studies in Computer Science and other streams.

2. Eligibility for Admission :

A candidate should have studied +2 level Mathematics with Physics as one of the subjects in the 10 + 2 stream.

3. Duration of the Course:

The students shall undergo the prescribed course of study for a period of not less than three academic year (Six semesters).

4. Medium of Instruction : English

5. Subjects/ Structure of Course Study : See Appendix - CS1

6. Scheme of Examinations/ Structure of Question Paper : See Appendix - CS2

7. Detailed Syllabus: See Appendix - CS3

8. Eligibility for the Degree:

- i) A Candidate shall be eligible for the award of the degree on completion of the prescribed course of study and passing all the prescribed external examinations.
- ii) Attendance progress, internal examinations, conduct certificate from the Head of the Institution shall be required for taking the external examination.
- iii) The passing minimum and the ranking are as per the existing rule of the Choice Based Credit System for the affiliated college of the University.

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I SEMESTER

S No	CODE	Subject	Hours	Credits	Internal Marks	External Marks
1	T1	Tamil	6	3	25	75
2	E1	English	6	3	25	75
3	CS1	Programming in C	4	4	25	75
4	CS2	Lab 1 : Programming in C	6	4	40	60
5	AS1	Mathematical Foundations I	4	4	25	75
6	SBS1	Lab 2: Office Automation	2	2	40	60
7	NME1	Introduction to Computers and Office Automation	2	2	25	75
		Total	30	22		

II SEMESTER

S No	CODE	Subject	Hours	Credits	Internal Marks	External Marks
1	T2	Tamil	6	3	25	75
2	E2	English	6	3	25	75
3	CS3	Object Oriented Programming with C++	4	4	25	75
4	CS4	Lab 3: Object Oriented Programming with C++	6	4	40	60
5	AS2	Mathematical Foundations II	4	4	25	75
6	SBS2	Lab 4: Linux Programming	2	2	40	60
7	NME2	Introduction to Internet	2	2	25	75
		Total	30	22		



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III SEMESTER

S No	CODE	Subject	Hours	Credits	Internal Marks	External Marks
1	T3	Tamil	6	3	25	75
2	E3	English	6	3	25	75
3	CS5	Data Structures and Computer Algorithms	4	4	25	75
4	CS6	Lab 5 : Data Structures and Computer Algorithms	4	3	40	60
5	CS7	Digital Principles and Computer Organization	4	4	25	75
6	AS3	Resource Management Techniques	4	4	25	75
7	SBS3	Lab 6: Multimedia	2	2	40	60
		Total	30	23		

IV SEMESTER

S No	CODE	Subject	Hours	Credits	Internal Marks	External Marks
1	T4	Tamil	6	3	25	75
2	E4	English	6	3	25	75
3	CS8	Java Programming	4	4	25	75
4	CS9	Lab 7: Java Programming	4	3	40	60
5	CS10	System Software	4	4	25	75
6	AS4	Numerical Methods	4	4	25	75
7	SBS4	Lab 8: PHP Programming	2	2	40	60
8	EA	Extension Activities		1	100	
		Total	30	24		



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V SEMESTER

S No	CODE	Subject	Hours	Credits	Internal Marks	External Marks
1	CS11	Relational Database Management Systems	5	4	25	75
2	CS12	Operating System	5	4	25	75
3	CS13	Software Engineering	5	4	25	75
4	CS14	Lab 9 : Relational Database Management Systems	6	4	40	60
5	ESI	1. Client Server Computing 2. Android Programming 3. Theory of Computation	5	4	25	75
6	EVS	Environmental Studies	2	2	25	75
7	SBS5	Lab 10: Python Programming	2	2	40	60
		Total	30	24		

VI SEMESTER

S No	CODE	Subject	Hours	Credits	Internal Marks	External Marks
1	CS15	Data Communication and Computer Networks	5	4	25	75
2	CS16	Lab 11 : Web Technology	6	4	40	60
3	CS17	Data Mining	5	4	25	75
4	ES2	1. Computer Graphics 2. Compiler design 3. Information Security	5	4	25	75
5	ES3	Project Work / Viva-Voce	5	5	25	75
6	VE	Value Education	2	2	25	75
7	SBS6	Quantitative Aptitude	2	2	25	75
		Total	30	25		

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BACHELOR OF COMPUTER APPLICATION

Placed at the meeting of
Academic Council
held on 26.03.2018

APPENDIX - BX
MADURAI KAMARAJ UNIVERSITY
(University with Potential for Excellence)

Bachelor of Computer Applications (B.C.A)
Revised Syllabus
(CBCS – Semester Pattern)

(With effect from the Academic Year 2018 onwards)

STRUCTURE OF THE SYLLABUS

1. Introduction of the Programme:

Bachelor in Computer Applications (BCA) is a three year undergraduate degree course which is divided into six semesters. Students will be taught subjects which are related to the technological applications that are required in today's practical work field. Students who opt for a Bachelor in Computer Applications (BCA) will get skills and information not only about Computer and Information Technology but also in communication, organization and management. One also get to learn programming languages such as Java, C++, HML, SQL, etc. Information about various computer applications and latest developments in IT and communication systems is also provided. It can land one either with a job or a startup business that we always wished or had an eye on.

2. Eligibility for Admission:

A Candidate should have studied +2 Mathematics, with Physics/Commerce/
Economics in the 10 +2 stream.

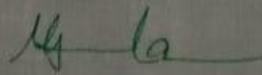
Duration of the Programme : 3 Years

Medium of instruction : English

Objective of the programme:

- Understand the fundamental concepts of Computers and IT Applications.
- Learn technologies and computer languages, so the problems could be addressed.
- Successfully understand and analyze data to come out technological solutions.

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Appendix – CA1
(Subject/Structure of Course Study)

Sem.	Subjects							Total Hours	Total Credits
I	T1(6) [3]	E1(6) [3]	CS1(4) [4]	CS2(6) [4]	AS1(4) [4]	SBS1(2) [2]	NME1(2) [2]	30	22
II	T2(6) [3]	E2(6) [3]	CS3(4) [4]	CS4(6) [4]	AS2(4) [4]	SBS2(2) [2]	NME1(2) [2]	30	22
III	T3(6) [3]	E3(6) [3]	CS5(4) [4]	CS6(4) [3]	CS7(4) [4]	AS3(4) [4]	SBS3(2) [2]	30	23
IV	T4(6) [3]	E4(6) [3]	CS8(4) [4]	CS9(4) [3]	CS10(4) [4]	AS4(4) [4]	SBS4(2) [2]	30	23
V	CS11(5) [4]	CS12(5) [4]	CS13(5) [4]	CS14(6) [4]	ES1(5) [4]	EVS(2) [2]	SBS5(2) [2]	30	24
VI	CS15(5) [4]	CS16(6) [4]	CS17(5) [4]	ES2(5) [4]	ES3(5) [5]	VE(2) [2]	SBS6(2) [2]	30	25
Extension Activities									1
TOTAL CREDITS									140

Abbreviations:

()	-	Number of Hours	[]	-	Number of Credits
T	-	Tamil	E	-	English
CS	-	Core Subject	AS	-	Allied Subject
SBS	-	Skill Based Subject	NME	-	Non Major Elective
ES	-	Elective Subject	VE	-	Value Education
EVS	-	Environmental Studies	EA	-	Extension Activity


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V SEMESTER

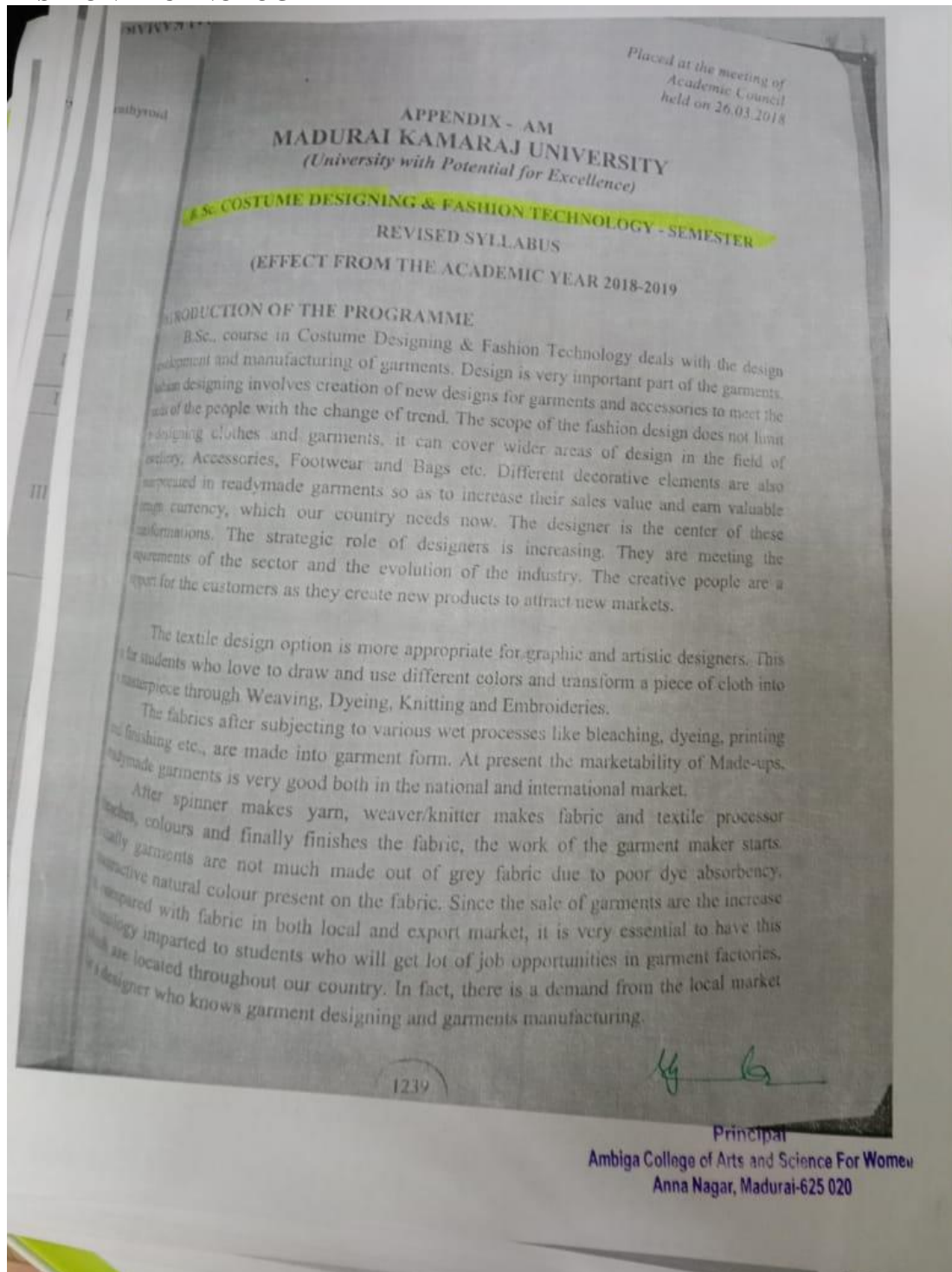
S No	CODE	Subject	Hours	Credits	Internal Marks	External Marks
1	CS11	Relational Database Management Systems	5	4	25	75
2	CS12	Data Communication and Computer Networks	5	4	25	75
3	CS13	Operating System	5	4	25	75
4	CS14	Lab 9 : Relational Database Management Systems	6	4	40	60
5	ES1	1. Mobile Computing 2. Web Technology 3. Information Security	5	4	25	75
6	EVS	Environmental Studies	2	2	25	75
7	SBS5	Lab 10 : Networking	2	2	40	60
		Total	30	24		

VI SEMESTER

S No	CODE	Subject	Hours	Credits	Internal Marks	External Marks
1	CS15	Dot Net Programming	5	4	25	75
2	CS16	Lab 11 : Dot Net Programming	6	4	40	60
3	CS17	Software Engineering	5	4	25	75
4	ES2	1. Data Mining 2. Compiler design 3. Cryptography & Network Security	5	4	25	75
5	ES3	Project Work / Viva-Voce	5	5	25	75
6	VE	Value Education	2	2	25	75
7	SBS6	Quantitative Aptitude	2	2	25	75
		Total	30	25		


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FASHION TECHNOLOGY



I SEMESTER

Part	Study Component	No of Cours	Credits per Course	No.of hours
I	Tamil / Other Languages	1	3	6
II	English	1	3	6
III	Core Subject Introduction to Fashion Designing	1	4	4+2 (P)
	Allied Subject Concept of Apparel Designing	1	4	4+2(P)
IV	Skilled based Subject Clothing machinery and equipment	1	1+1	1+1
	Fashion sketching	1	1+1	1+1
	Non- Major Elective (for Science students only) Embroidery & Surface Ornamentation	1	2	2
Total		7	20	20 30

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Anna Nagar, Madurai-625 020

I SEMESTER

Part	Study Component	No of Course	Credits per Course	No. of hours
I	Tamil/other language	1	3	6
II	English	1	3	6
III	Core subject History of Costumes And Textiles Of India	2	4+2	4+2 (P)
	Allied subject Technology of fiber science and yarn manufacturing	2	4+1	4+2 (P)
	Skilled based subject Fabric Care	1	1+1	1+1
	Design Studio and Fashion Presentation	1	1+1	1+1
	Non- Major Elective (for Arts students only) Embroidery & Surface Ornamentation	1	2	2
Total		9	23	30

III SEMESTER


I	Tamil / Other Languages	1	3	6
II	English	1	3	6
III	Core Subject Designing and constructing Children's Wear.	1	4+2	4+2(P)
	Allied subject I Textile Weaving And Fabric Structure	1	4+1	4+2(p)
	Allied subject II Textile Dyeing And Printing	1	4+1	4+2(p)
Total		5	18	30


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IV SEMESTER				
I	Tamil / Other Languages	1	3	6
II	English	1	3	6
III	Core Subject Designing and constructing Women's Clothes	2	4+2	4+2(P)
	Allied subject - I Textile Science - Knitted Fabric	2	4+1	4+2(p)
	Allied subject II Apparel Marketing And Merchandising	2	4+1	4+2(p)
Total		5	22	30

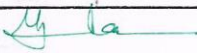
V SEMESTER

Part	Study Component	No of Cours	Credit	Hours
	Core Subject Quality control in Apparel Production	1	4	4+2(P)
	Fashion Draping	1	4	4+3(P)
	Designing & Constructing Men's Wear	1	4	4+3(P)
	Allied subject II Apparel Industrial Engineering	1	4	4+2(P)
IV	Environmental studies	1	2	2
	Skilled based subject Advanced Computer Application In Clothing	1	2	2
Total		6	20	30


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I SEMESTER

Part	Study Component	No of Cours	Credit	Hours
	Core Subject Consumer Behavior And Retail Management	1	2+2.5	2+1
	Art Portfolio Presentation	1	2+2.5	2+2
	Functional Clothing	1	2+2.5	2+2
Optional	Home Textiles	1	2+2.5	2+1
	Technical Textiles	1	2+2.5	2+1
	Accounting & Business Management	1	2+2.5	2+1
	Allied Subject II Entrepreneurship Development	2	4+1	4+2 (P)
IV	Value education	1	2	2
	Skill Based subject Advanced Computer applications in clothing - Practical	1	2	2
V	Extension Activities	1	1	0
Total		11	37	30


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 Anna Nagar, Madurai-625 020

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TAMIL

Placed at the meeting of
Academic Council
held on 26.03.2018

APPENDIX - V
MADURAI KAMARAJ UNIVERSITY
(University with Potential for Excellence)

இளநிலைப் பட்ட வகுப்புகளுக்குரிய பொது விருப்பப் பாடத் தேர்வு
முறை பாட அமைப்புகள் (GCOS)

பகுதி -1 தமிழ் - பாடத்திட்டம்

(2018-2019 கல்வியாண்டு முதல் பருவமுறையில் சேரும் மாணவர்களுக்கு உரியது)
முதலாம் ஆண்டு - முதல் பருவம்

மொத்த மதிப்பெண்:75

பொதுப் பாடமணி :90

தான்1- பழந்தமிழர் இலக்கியமும் உரைநடையும்
பாடநூல்: செய்யுள் மற்றும் கட்டுரை பல்கலைக்கழக வெளியீடு
பல்கலைக்கழக வெளியீடு, மதுரை காமராசு பல்கலைக்கழகம், மதுரை - 625 021.

பகுதி 1

பாடப்பாட்டு

பொருளாரற்றுப்படை முழுவதும்
உடுத்தொகை (அ.அகப்பாடல்கள்)

1. நற்றிணை
2. குறுந்தொகை
3. அகநானூறு
4. ஐங்குறுநூறு

பாடல்கள்

- 1.ஊறாநூறு
- 2.பத்திரப்பத்தி

பகுதி 2

அறிவுக்கியம்

1.திருக்குறள்

1.பயனில் சொல்லாமை, 2.நட்பு ஆராய்தல்

2.நான்மணிக்கடிகை (5 பாடல்கள்)

3.சிறுபஞ்சமூலம் (5பாடல்கள்)

பகுதி 3

உரைநடை (இலக்கியக் கட்டுரைகள் பத்து மட்டும்)

பகுதி 4

மேற்கண்ட

பாடப்பொருள்: நற்றிணைகள் விளக்கம்

தலை: அ.அறத்தொடு நிறுநல்

ஆ.வரைவு கட்டாதல்

பாடப்பொருள்:

நற்றிணைகள் வகைகள்

தலை: அ.செவியூர்வறாஉ.

ஆ.வாழறை வாழ்த்து

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APPENDIX - AD
MADURAI KAMARAJ UNIVERSITY
(University with Potential for Excellence)

இளநிலைத் தமிழ் இலக்கியம் பி.ஏ.தமிழ் (B.A) பட்டவகுப்பு - பகுதி -3 பொது
விருப்பப் பாடத் தேர்வு முறைப் பாட அமைப்புகள் (CBCS) பருவமுறை

(2018-2019 கல்வியாண்டு முதல் சேரும் மாணவர்களுக்கு உரியது)
பாடத்திட்டம் (SYLLABUS)

பருவம் - I (SEMESTER - I)				
Part	Study Component	No of Course	Credit தரப்பள்ளி	HOURS
I	Tamil	1	3	6
II	English	1	3	6
III	Core Subject - (முதன்மைப் பாடம்)	2	8	10
	1.இக்கால இலக்கியம் (கவிதைகளும் கதை இலக்கியமும்)			
	2.இலக்கணம் - நன்னூல் (எழுத்து)			
IV	Allied Subject - (ஆணைப் பாடம்)	1	5	6
	1.தமிழக வரலாறு பண்டமும் - I	1	2	2
	Non Major Elective 1.தமிழ் இலக்கிய வரலாறு -I			
		6	21	30

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Tamil New



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பருவம் - II (SEMESTER - II)				
Part	Study Component	No of Course	Credit தரப்பின்னி	HOURS
I	Tamil	1	3	6
II	English	1	3	6
III	Core Subject - (முதன்மைப் பாடம்)	2	4+4	10
	3.அற இலக்கியம்			
	4.இலக்கணம் - நன்னூல் (சொல்)			
	Allied Subject	1	5	6
	2.தமிழக வரலாறும் பண்பாடும் -- II			
	Non Major Elective	1	2	2
	2.தமிழ் இலக்கிய வரலாறு -II			
IV		6	21	30

பருவம் - III (SEMESTER - III)				
Part	Study Component	No of Course	Credit தரப்பின்னி	HOURS
I	Tamil	1	3	6
II	English	1	3	6
III	Core Subject - (முதன்மைப் பாடம்)	2	4+4	10
	5.பக்தி இலக்கியம்			
	6.இலக்கணம் - பாட்பு			
	Allied Subject	1	5	6
	3மக்கள் தகவல் தொடர்பியல் அறிமுகம்	1	2	2
	Skill Based Subjects			
	1.மொழி பெயர்ப்பியல்			
IV		6	21	30


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பருவம் - IV (SEMESTER - IV)				
Part	Study Component	No of Course	Credit தரப்பள்ளி	HOURS
I	Tamil	1	3	6
II	English	1	3	6
III	Core Subject -- (முதன்மைப் பாடம்)	2	4+4	10
	7.காப்பிய இலக்கியம்			
	8.இலக்கணம் - (அணி)	1	5	6
	Allied Subject			
	4.நாட்டுப்பாடல்கள்			
IV	Skill Based Subjects	1	2	2
	2.ஆங்கிலத் தமிழ்			
V	Extension Activities	1	1	
		7	22	30

பருவம் - V (SEMESTER - V)				
Part	Study Component	No of Course	Credit தரப்பள்ளி	HOURS
III	Core Subject -- (முதன்மைப் பாடம்)	4	20	20
	9.சிறந்த இலக்கியம்			5hrs
	10.பொருள் இலக்கணம் -அகம் (நம்பியகுப்பெருள்)			
	11.தமிழ் மொழி வரலாறு இலக்கண வரலாறு			
	12.இக்கால மொழியியல்			
	13.திறனாய்வியல்			
	Elective (விருப்பப் பாடங்கள்)	1	5	6
IV	1.கவிதைகலைகள் அல்லது கவிதைப்பாடல்கள்	1	2	2
	Environmental Studies			
	கந்தைக் கருவியல்	1	2	2
	Skill Based Subjects			
	3-ஆங்கிலத் தமிழ்			
		7	29	30


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பருவம் - VI (SEMESTER - VI)				
Part	Study Component	No of Course	Credit தரப்பள்ளி	HOURS
III	Core Subject - (முதன்மைப் பாடம்)	2	8	10
	14.சங்க இலக்கியம்			
	15. புறப்பொருள் வெண்பாமாலை	2	10	12
	Elective (விருப்பப் பாடங்கள்)			
	2.சுற்றுலாவியல் அல்லது தமிழகக் கோவில் கலைகள் 3.இதழியல் கலை அல்லது போட்டித்தமிழ்	1	2	2
IV	மதிப்புக் கல்வி (Value Education)	3	6	6
	Skill Based Subjects			
	4.பேச்சுக்கலை 5.மொழிப்பயன்பாடு 6.திரைப்படக்கலையும் விமர்சனமும்	1	1	0
		9	27	30

(இளநிலைத் தமிழ் இலக்கியம் - பி.ஏ. தமிழ் (B.A.) பட்டவகுப்பு - பகுதி - 3
பொது விருப்பப் பாடத் தேர்வு முறைப் பாட அமைப்புகள் (CBCS)
முதற்பருவம்


- தாள் 1. இக்கால இலக்கியம் (கவிதையும் கதை இலக்கியமும்) - முதன்மைப் பாடம்
தாள் 2. இலக்கணம் - நன்னூல் (எழுத்து)
தாள் 3. தமிழக வரலாறும் பண்பாடும் - I - (துணைப்பாடம்)
தாள் 4. தமிழ் இலக்கிய வரலாறு தாள் - I (பிறகுறை மாணவர்களுக்கான விருப்பப் பாடம்)

இரண்டாம் பருவம்

- தாள் 5. அற இலக்கியம் - முதன்மைப் பாடம்
தாள் 6. இலக்கணம் - நன்னூல் (சொல்)
தாள் 7. தமிழக வரலாறும் பண்பாடும் - II - (துணைப் பாடம்)
தாள் 8. தமிழ் இலக்கிய வரலாறு தாள் - II (பிறகுறை மாணவர்களுக்கான விருப்பப் பாடம்)

மூன்றாம் பருவம்

- தாள் 9. பக்தி இலக்கியம் - முதன்மைப் பாடம்
தாள் 10. இலக்கணம் - (யாப்பு) - முதன்மைப் பாடம்
தாள் 11. மக்கள் தகவல் தொடர்பியல் அறிமுகம் - (துணைப் பாடம்)
தாள் 12. மொழி பெயர்ப்பியல் - (திறன் வளர் அடிப்படைப் பாடம்) -- Skill Based Subjects


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Placed at the meeting of
Academic Council
held on 26.03.2018

APPENDIX - AE

MADURAI KAMARAJ UNIVERSITY
(University with Potential for Excellence)

B.B.A. (Semester)

CHOICE BASED CREDIT SYSTEM
REVISED SYLLABUS

(With effect from 2018-10 onwards)

1. INTRODUCTION OF THE PROGRAMME

The Bachelor of Business Administration programme has been offered by this university since its inception to provide developmental avenue for working personnel and professional for acquiring management qualifications to upgrade and refine their managerial skills capabilities, and orientation. Also it aims to impart lifelong learning opportunities to the learners in the specific domains like leadership, entrepreneurial skills, and professional competence. The Programmes offered by the university are useful and geared to fulfil identified gaps in the corporate and business world.

2. ELIGIBILITY FOR ADMISSION:

Candidates seeking admission to the BBA degree course must have passed the Higher Secondary Examination of the Government of Tamilnadu or as its equivalent examination.

- 2.1. Duration of the Programme : 3 Years
- 2.2. Medium of Instructions : English

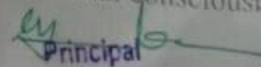
3. OBJECTIVES OF THE PROGRAMME:

The objective of the BBA degree program is to prepare the higher secondary students of above average attainments for a course that will equip them with specific knowledge and skills for junior and middle positions of responsibilities in industrial and commercial organizations, after an initial spell of practical experience in their career. It is therefore advisable to organize the instruction on the lines of professional courses. Participative methods of instruction should be adopted. Class work may be supplemented with field study report for enhancing their research interests.

4. OUTCOME OF THE PROGRAMME

At the end of the three year Bachelors in Business Administration program, students would gain a thorough grounding in the fundamentals of business management. The industry and entrepreneurship oriented curriculum offers a number of specializations and practical exposures which would equip the student to face the contemporary challenges in the field. The holistic outlook of the program with a number of value based and personality development courses ensures that students are groomed into up-to-date, assertive and effective business executives with strong leadership skills and social consciousness.

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BBA New

**BACHELOR OF BUSINESS ADMINISTRATION (B.B.A.)
DEGREE SEMESTER SYSTEM**

Workload and Scheme of Examination

SEMESTER I						
S.No.	Subjects	No. of Hours	No. of Credits	Internal Marks	External Marks	Total
	Part I Tamil/Alternate Subject					
1.	VanikaKadithankal	6	3	25	75	100
	Part II English					
2.	English – I	6	3	25	75	100
	Part III Core Subjects					
3.	Principles of Management	5	4	25	75	100
4.	Fundamentals of Accounting	6	4	25	75	100
	Part III Allied Subjects					
5.	Business Economics	5	4	25	75	100
	Part IV Non Major Electives					
6.	Fundamentals of Management	2	2	25	75	100
	TOTAL	30	20	150	450	600
SEMESTER II						
S.No.	Subjects	No. of Hours	No. of Credits	Internal Marks	External Marks	Total
	Part I Tamil/Alternate Subject					
1.	AluvalakaMelanmai	6	3	25	75	100
	Part II English					
2.	English – II	6	3	25	75	100
	Part III Core Subjects					
3.	Business Environment	5	4	25	75	100
4.	Cost Accounting	6	4	25	75	100
	Part III Allied Subjects					
5.	Money and Banking	5	4	25	75	100
	Part IV Non Major Electives					
6.	Fundamentals of Entrepreneurship	2	2	25	75	100
	TOTAL	30	20	150	450	600

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III Semester					
Core Major Subject					
1	Business Law - I	6	4	3 Hrs	25+75=100
2	Banking Law & Practice	5	4	3 Hrs	25+75=100
3	Computer Application in Business - I ✓	6	4	3 Hrs	25+75=100
4	Entrepreneurship	5	4	3 Hrs	25+75=100
Allied Subject					
5	Business Statistics	6	5	3 Hrs	25+75=100
Skill Based Subject					
6	Communicative Skills	2	2	3 Hrs	25+75=100
TOTAL		30	23		
IV Semester					
Core Major Subject					
1	Business Law - II	6	4	3 Hrs	25+75=100
2	Computer Applications in Business - II ✓	6	4	3 Hrs	25+75=100
3	Marketing Management	5	4	3 Hrs	25+75=100
4	Organisational Behaviour	5	4	3 Hrs	25+75=100
Allied Subject					
5	Business Mathematics	6	5	3 Hrs	25+75=100
Skill Based Subject					
6	Personality Development	2	2	3 Hrs	25+75=100
TOTAL		30	23		


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V Semester					
Core Major Subject					
1	Productions & Operations Management	5	4	3 Hrs	25+75=100
2	Human Resource Management	5	4	3 Hrs	25+75=100
3	Advertising & Sales Management	5	4	3 Hrs	25+75=100
4	Financial Management	5	4	3 Hrs	25+75=100
Elective Subject					
5	Research Methodology & Report Writing	6	5	3 Hrs	25+75=100
Skill Based Subject					
6	Development of Skills of Personal Selling	2	2	3 Hrs	25+75=100
7	Environmental Science	2	2	3 Hrs	25+75=100
TOTAL		30	25		
VI Semester					
Core Major Subject					
1	Retail Management	5	4	3 Hrs	25+75=100
2	Management Accounting *	5	4	3 Hrs	25+75=100
Elective / Project					
3	Services Marketing	6	5	3 Hrs	25+75=100
4	Field Study Report	6	5	3 Hrs	20+80=100
Skill Based Subject					
5	Learning Body Language *	2	2	3 Hrs	25+75=100
6	How to face interview confidently *	2	2	3 Hrs	25+75=100
7	Group Discussion Skill *	2	2	3 Hrs	25+75=100
8	Value Education	2	2	3 Hrs	25+75=100
Part V					
9	Extension Activities	-	1	-	25+75=100
TOTAL		30	27		
GRAND TOTAL		180	140		

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Principal

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B.SC PHYSICS

Placed at the meeting of
Academic Council
held on 26.03.2018

APPENDIX - BG
MADURAI KAMARAJ UNIVERSITY
(University with Potential for Excellence)

B.Sc. Physics (Semester)
CHOICE BASED CREDIT SYSTEM

(Revised Syllabus with effect from the academic year 2018-2019 onwards)

ANCILLARY – APPLIED ELECTRONICS AND INSTRUMENTATION
for B.Sc., (PHYSICS)

SCHEME OF EXAMINATIONS AND REGULATIONS

1. INTRODUCTION OF THE PROGRAMME

Physics is one of the basic and fundamental sciences. A bachelor degree in Physics is a great foundation for career in government jobs, industries, government labs and in the astronaut corps. Physics brings a broad perspective to any problem. This intensive thinking makes the physicist desirable in any field. That's why physics graduates can expect career salaries similar to those of computer science and engineering major.

2. ELIGIBILITY FOR ADMISSION

A pass in +2 examination conducted by the Board of Higher Education, Government of Tamil Nadu with Physics & Mathematics OR any other examination accepted by the syndicate, as equivalents thereto are eligible to join this course.

2.1 Duration of the Course : 3 Years

2.2. Medium of Instructions : English / Tamil

3. OBJECTIVES OF THE PROGRAMME

The UG course in Physics helps the students to understand the world around us, the world inside us and the world beyond us. Physics encompasses the study of the universe from the smallest subatomic particles to the largest galaxies. Moreover it is the basis of many other sciences like chemistry, oceanography, seismology and can be applied to biology or medical sciences. All are easily accessible to a bachelor's degree in physics.

Physics challenges our imagination with concepts like relativity and string theory. It leads to great discoveries like computers and lasers that lead to technologies

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Anna Nagar, Madurai-625 020

UG Physics - old

SEMESTER - 1

S.No.	Part	Subject	Hours	Credit
1.	III	Mechanics and Relativity CS1	4+2*(P)	4
2.	III	Allied Paper Maths - I	4+2*(P)	4
3.	IV	Properties of Matter SB 1	2	2
4.	IV	'C' Programming - I. SB 2	2	2
5.	IV	Non - Major Elective NME 1 Basic Physics - I	2	2 (14)

- Basic Physics I as NME for those who study other than Physics

SEMESTER - 2

S.No.	Part	Subject	Hours	Credit
1.	III	Electricity - CS2	4	4
2.	III	Physics Practical - I	2*(P)	2
3.	IV	Allied Paper Maths - 2	4+2	4+1*(P)
4.	IV	Thermal Physics SB 3	2	2
5.	IV	'C' Programming - II SB 4	2	2
6.	IV	Non-Major Elective NME 2 Basic Physics - II	2	2 (17)

- Basic Physics II as NME for those who study other than Physics

SEMESTER - 3

S.No.	Part	Subject	Hours	Credit
1.	III	Electro Magnetism - CS3	4+2*(P)	4
2.	III	Allied Paper Maths 3	4+2*(P)	4
3.	III	Allied Paper Chemistry/Applied Electronics	4+2*(P)	4 (12)



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SEMESTER - 4

S.No.	Part	Subject	Hours	Credit
1.	III	Optics and Spectroscopy - CS4	4	4
2.	III	Physics Practical - 2	2*	2
3.	III	Allied Paper Maths - 4	4+2*	4+1*(P)
4.	III	Allied Chemistry/Applied Electronics - 2	4+2*	4+1*(P)

SEMESTER - 5

S.No.	Part	Subject	Hours	Credit
1.	III	Atomic Physics and Q.M - CS5	4+2*(P)	4
2.	III	Nuclear Physics - CS6	4+3*(P)	4
3.	III	Analog Electronics - CS7	4+3*(P)	4
4.	III	Allied Chemistry/Applied Electronics - 3	4+2*(P)	4
5.	IV	Bio - Medical Instrumentation SB - 5	2	2
6.	IV	Environmental Studies	2	2

SEMESTER - 6

S.No.	Part	Subject	Hours	Credit
1.	III	Classical and Statistical Mechanics CS8	4	4
2.	III	Material Science CS9	4	4
3.	III	Digital Electronics CS10	4	4
4.	III	Physics Practical - 3,4&5	2+3+3	5+5+5
5.	III	Allied Chemistry/Applied Electronics - 4	4+2*(P)	4+1(P)
6.	III	Opto - Electronics SB-6	2	2
7.	IV	Value Education	2	2
8.	V	Extension Activities	0	1

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Anna Nagar, Madurai-625 020

B.SC CHEMISTRY

Placed at the meeting of
Academic Council
held on 26.03.2018

APPENDIX - BH

MADURAI KAMARAJ UNIVERSITY

(University with Potential for Excellence)

B.Sc. CHEMISTRY (SEMESTER)

Revised Syllabus

(This will come into effect from the Academic Year 2018-19)

COURSE SCHEME & SCHEME OF EXAMINATIONS

1. Introduction of the Programme:

The study of science should be fascinating and enjoyable; the creation of a scientific temper in society is a must which could be achieved through proper education and guidance. To realize this goal, the curriculum should be updated by giving emphasis on various aspects such as the creativity of students, knowledge of emerging trends in the discipline, awareness of environmental impacts due to the development of science and technology, and the skills essential for handling equipments and instruments in laboratories and industries.

Chemistry, being an experimental science, demands testing theories through practical laboratory experiences for a thorough understanding of the subject. The syllabus has been prepared in a participatory manner, after discussions with all stakeholders.

Care has been taken to ensure that the syllabus is well-matched with the syllabi of other universities at the same level. Sufficient emphasis is given in the syllabus for training in laboratory skills and instrumentation. The units of the syllabus are well defined. A list of reference books as well as text books is provided at the end of each course.

2. Eligibility for admission:

Pass in Higher Secondary Examination with Chemistry, Physics and Mathematics/Zoology as core subjects or any other examination accepted by the Syndicate of Madurai Kamaraj University as Equivalent

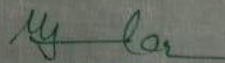
2.1 Duration of the Course : 3 Years

2.2. Medium of Instructions : English / Tamil

3. Objectives of the Programme:

1. To impart fundamental knowledge in the field of Chemistry
2. The theory and practical aspects of the subject augment the ability of the learner to understand the implications of scientific and technical approaches involved in the domain of knowledge

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17-18

UG Chemistry old.


I Semester

Part	Study component	No. of Course	Credits	Hours
I	Tamil /Other Languages UTMELII	1	3	6
II	English UENEEII	1	3	6
III	Core subject- 1 Inorganic Chemistry - I	1	4	4
	Core practical-I	1	-	2
	Allied Subject - I - paper 1 A	1	4	4
	Allied Subject -I- practical-I A	1	-	2
IV	Skill based subject 1. Sugar Technology	1	2	2
	2. Perfume Chemistry	1	2	2
	Non Major Elective Industrial Chemistry	1	2	2
Total	SCSGNII NME - Tamizh-	9	20	30

II Semester

Part	Study component	No. of Course	Credits	Hours
I	Tamil /Other Languages	1	3	6
II	English	1	3	6
III	Core subject- 2 Organic Chemistry - I	1	4	4
	Core practical-I	1	2	2
	Allied Subject - I - paper 2 Molub	1	4	4
	Allied Subject -I - practical-I	1	1	2

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IV	Skill Based Subject			
	1. Leather Technology	1	2	2
	2. Paper and Pulp Technology	1	2	2
	Non Major Elective			
	Drugs and cosmetics	1	2	2
Total		9	23	30

SCSGN21

Introduction to internet.

III Semester

Part	Study component	No. of Course	Credits	Hours
I	Tamil /Other Languages	1	3	6
II	English	1	3	6
III	Core subject -3	1	4	4
	Physical Chemistry -I			
	Core practical-II	1	-	2
	Allied Subject - I - paper 3	1	4	4
	Allied Subject -I- practical-2	1	-	2
	Allied Subject -II - paper 1	1	4	4
	Allied Subject -II- practical -1	1	-	2
Total		8	18	30


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IV Semester


Part	Study component	No. of Course	Credits	Hours
I	Tamil /Other Languages	1	3	6
II	English	1	3	6
	Core Subject -4	1	4	4
	Inorganic Chemistry – II	1	2	2
	Core practical-2			
	Allied Subject – I - paper 4	1	4	4
	Allied Subject -I- practical- 2	1	1	2
	Allied Subject - II - paper 2	1	4	4
	Allied Subject -II- practical- 1	1	1	2
Total		8	22	30

+ NSS - Extension activities - 1 1 0

V Semester

Part	Study component	No. of Course	Credits	Hours
III	Organic Chemistry - II(Cr.-5)	3	12	12
	Physical Chemistry –II(Cr.-6)	2		
	Inorganic, Analytical and Applications of Computers in Chemistry -III(Cr-7)	3	-	8
	Core practicals-3,4 and 5	1	4	4
	Allied Subject - II - paper 3			
	Allied Subject –II- practical-2	1	-	2

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IV	Environmental Studies	1	2	
	Skill based Subject Pharmaceutical & Medicinal Chemistry	1	2	
Total		10	20	3

VI Semester

Part	Study component	No. of Course	Credits	Hours
III	Organic Chemistry –III(Cr.8) Physical Chemistry – III(Cr.9) Applied Chemistry – III(Cr.10)	3	12	12
	Core practicals-3, 4 and 5	3	15	8
	Allied Subject - II - paper 4 <small>CPEP Unit 2019-2020</small>	1	4	4
	Allied Subject –II- practical-2	1	1	2
IV	Value Education	1	2	2
	Skill based subject Medical Laboratory Technology & Bio Chemistry	1	2	2
V	Extension Activities - NSS <small>to IV Sem</small>	1	1	0
Total		11	37	30

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