1.1.1. The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment.

Verified and Certified Documents

Metric No.   :   1.1.1 - Syllabus

Page No.   :   02   To :   134

Principal

University of Madras

Chepauk, Chennai 600 005

[Est. 1857, State University, NAAC 'A' Grade, CGPA 3.32, NIRF 2019 Rank: 20]

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Undergraduate Programme in

Tamil

Curriculum and Syllabus for

B.A. Tamil

(With effect from the Academic Year 2020-21)

February 2020

Note: The Board of studies is designed learning Outcome Based Curriculum Framework prescribed by UGC for Under Graduate Tamil Degree Programmes

1. நோக்கு / முகவுரை

காலந்தோறும் தமிழ் அடைந்துள்ள வளர்ச்சியும் பரந்து விரிந்து கிடக்கும் அதன் ஆழ அகலத்தையும் ஒரு பருந்துப் பார்வையில் நோக்குவதோடு, தமிழ் இலக்கியத்தையும் இலக்கணத்தையும் நுட்பமாகக் கற்றுணரும் வகையிலும் இளங்கலைத் தமிழ்ப் பாடப்பகுதி கட்டமைக்கப்பட்டுள்ளது. தமிழ் இலக்கியவரலாற்றுடன் தமிழக வரலாற்றையும் ஒருசேர மாணவர்கள் கற்றுப் பயனடையும் நல்லதோர் இலக்கைச் சிறப்புற அடைய இப்பாடத்திட்டம் வழிவகுக்கும். தொல்லிலக்கியம் முதல் புத்திலக்கியம் வரையுள்ள பல்வகை இலக்கியக் கூறுகள் மிளிரும் இப்பாடத்தினை மாணவர்கள் கற்றுப் பயனடைவர். மொழியியல் போக்கினையும் திறனாய்வுக் கலையையும் கற்கும் சூழலை இப்பாடத்திட்டம் வழங்குகிறது.

பழைமையும் புதுமையும் கைகோக்கும் களமாக இளங்கலைத் தமிழ் விளங்குகிறது என்பதற்கு ஏற்பத் தொல்தமிழ் நூல்களோடு கணினி - இணையத்தையும் இப்பாடத்திட்டம் வழங்குகிறது.

2. கற்றலும் பயன்பாடும்

பன்முக நோக்கில் தமிழை அணுகும் முறையில் பாடத்திட்டம் உருவாக்கப்பட்டுள்ளதால் சங்க கால, இடைக்கால, இக்கால இலக்கிய வகைமைகளை மாணவர்கள் அறிந்துகொள்ள இயலும். பிழையின்றி எழுதவும் பேசவும் இலக்கணம் பேருதவி புரிந்திடும். இலக்கியங்களை நுகர்வதற்குரிய திறவுகோல்களான இன்றியமையாத ஐந்து இலக்கண நூல்களையும் மாணவர்கள் கற்றுப் பயடைவர்.

இலக்கியத்தின் கூறுகளான உணர்ச்சி, கற்பனை, கருத்து, வடிவம் முதலான கூறுகளைத் தெள்ளிதின் அறிந்து இலக்கியத்தை மதிப்பிடும் நுண்திறனையும் மாணவர் பெறுவர். திறனாய்வுக் கலை இந்த வகையில் உறுதுணையாக இலங்கும். ஆர்வமிகு படைப்பாளிகள் உருவாகிட வேண்டும் என்னும் தலையாய நோக்கத்தோடு பாடத்திட்டம் உருவாக்கப்பட்டுள்ளதால் கவிதை, கட்டுரை, சிறுகதைககளைச் சுவைத்திடும் வகையில் பாடப்பகுதிகள் உள்ளன.

பல்வேறு போட்டித் தேர்வுகளை எதிர்கொள்ளும் வகையில் இலக்கிய வரலாற்றுப் பகுதி மிகுந்த பயன்பாடு உடையதாய் இருக்கும்.

3.பாடநெறி வடிவமைப்பு

முதல் பருவம் (FIRST SEMESTER)

Course Components	Subjects	Inst. Hrs	மதிப்பீடு	Max.MARKS		
				Ext.	Int.	Total
பகுதி - I	மொழித்தாள் – I	6	3	75	25	100
பகுதி - II	**BP2-ENG01-Communicative English I**	**3**	**3**	**50**	**50**	**100**
பகுதி - III	BTL-DSC01 - முதன்மை தாள் I - இக்கால ,yf;fpak;	5	4	75	25	100
	BTL-DSC02 - முதன்மை தாள் II - புறப் பொருள் வெண்பா மாலை	6	4	75	25	100
	BTL-DSA01 - சார்பு தாள் I - jkpof tuyhWk; gz;ghLk;	6	5	75	25	100
பகுதி - IV	அடிப்படை தமிழ் /சிறப்புத் தமிழ்/ NME*	-	2	75	25	100
	BP4-EASS 01- English for Arts and Social Sciences I	**4**	**4**	**50**	**50**	**100**

* NME Choose any one paper from the other department

இரண்டாம் பருவம் (SECOND SEMESTER)

Course Components	Subjects	Inst. Hrs	மதிப்பீடு	Max.MARKS		
				Ext.	Int.	Total
பகுதி - I	மொழித்தாள் – II	6	3	75	25	100
பகுதி - II	**BP2-ENG02-Communicative English II**	**3**	**3**	**50**	**50**	**100**
பகுதி - III	BTL-DSC03 - முதன்மை தாள் III - அற இலக்கியங்கள்	5	4	75	25	100
	BTL-DSC04 - முதன்மை தாள் IV - நம்பியகப்பொருள்	6	4	75	25	100
	BTL-DSA02 - சார்பு தாள் II - தமிழ் இலக்கிய வரலாறு	6	5	75	25	100
பகுதி - IV	அடிப்படை தமிழ் / சிறப்புத் தமிழ்/ NME*	-	2	75	25	100
	BP4-EASS 02- English for Arts and Social Sciences II	**4**	**4**	**50**	**50**	**100**

* NME Choose any one paper from the other department

மூன்றாம் பருவம் (THIRD SEMESTER)

Course Components	Subjects	Inst. Hrs	மதிப்பீடு	Max. Marks		
				Ext.	Int.	Total
பகுதி - I	மொழித்தாள் – III	6	3	75	25	100
பகுதி - II	BP2-ENG03-Language Through Literature - I	6	3	50	50	100
பகுதி - III	BTL-DSC05 - முதன்மை தாள் V - நன்னூல் எழுத்ததிகாரம்	6	4	75	25	100
	BTL-DSC06 - முதன்மை தாள் VI - காப்பியங்கள்	6	4	75	25	100
	BTL-DSA03 - சார்பு தாள் III - நாட்டுப்புறவியல்	6	5	75	25	100
பகுதி - IV	திறன் சார்ந்த பாடம்	-	3	50	50	100
	சுற்று சூழல் பிரிவுகள்	-	தேர்வு நான்காம் பருவத்தில் நடைபெறும்			

நான்காம் பருவம் (FOURTH SEMESTER)

Course Components	Subjects	Inst. Hrs	மதிப்பீடு	Max. Marks		
				Ext.	Int.	Total
பகுதி - I	மொழித்தாள் – IV	6	3	75	25	100
பகுதி - II	BP2-ENG04-Language Through Literature - II	6	3	50	50	100
பகுதி - III	BTL-DSC07 - முதன்மை தாள் VII - நன்னூல்-சொல்	6	4	75	25	100
	BTL-DSC08 - முதன்மை தாள் VIII - பக்தி இலக்கியங்கள்	6	4	75	25	100
	BTL-DSA04 - சார்புப் பாடம் IV - தகவல் தொடர்பியல்	6	5	75	25	100
பகுதி - IV	திறன் சார்ந்த பாடம்	-	3	50	50	100
	சுற்று சூழல் பிரிவுகள்	-	2	75	25	100

ஐந்தாம் பருவம் (FIFTH SEMESTER)

Course Components	Subjects	Inst. Hrs	மதிப்பீடு	Max. Marks		
				Ext.	Int.	Total
பகுதி - III	BTL-DSC09 - முதன்மை தாள் IX - சிற்றிலக்கியங்கள்	6	4	75	25	100
	BTL-DSC10 - முதன்மை தாள் X - யாப்பருங்கலக்காரிகை	6	4	75	25	100
	BTL-DSC11 - முதன்மை தாள் XI - திராவிட மொழிகளின் ஒப்பிலக்கணம்	6	4	75	25	100
	BTL-DSC12 - முதன்மை தாள் XII - இலக்கியத் திறனாய்வு	6	4	75	25	100
	BTL-DSE01 - விருப்பப்பாடம் I - அகராதியியல்	6	5	75	25	100
பகுதி - IV	மதிப்பு கல்விப்பாடம்		2	75	25	100

ஆறாம் பருவம் (SIXTH SEMESTER)

Course Components	Subjects	Inst. Hrs	மதிப்பீடு	Max. Marks		
				Ext.	Int.	Total
பகுதி - III	BTL-DSC13 - முதன்மை தாள் XIII - சங்க இலக்கியம்	6	4	75	25	100
	BTL-DSC14 - முதன்மை தாள் XIV - தண்டியலங்காரம் (பொருளணியியல் முழுமையும்)	6	4	75	25	100
	BTL-DSC15 - முதன்மை தாள் XV - படைப்பிலக்கியமும் மொழிபெயர்ப்பும்	6	4	75	25	100
	BTL-DSE02 - விருப்பப் பாடம் II - தமிழர் அழகுக் கலைகள்	6	5	75	25	100
	BTL-DSE03 - விருப்பப் பாடம் III - கணினியும் இணையமும்	6	5	75	25	100
பகுதி - V	விரிவாக்கச் செயல்பாடுகள்		1			

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Undergraduate Programme in English

Curriculum and Syllabus for

B.A. English

(With effect from the Academic Year 2020-21)

February 2020

Based on Learning Outcome Based Curriculum Framework uploaded in the UGC website for UG Degree Programmes.

Content

Model Curriculum and Syllabus for
B.A. English
(With effect from the Academic Year 2020-21)

1. Preamble

Literature makes sense of the world through works of poetry, prose, fiction, and drama. It is a gateway to the varied human experiences, both past and present. Therefore it brings focus to human nature, their values, morals, beliefs, ideologies, culture and practices. It fosters social justice and equality and teaches the need to think logically and critically. Studying Literature in a STEM world remains relevant as it alone can offer an understanding of the many forces that shape and rule human lives and appreciate them, to bring about a balance in societies.

Literature as a field of study involves the study of texts and thus differs from reading literature for pleasure. A study of English Literature refers to the study of literatures in English and in translation, from around the world. This allows knowledge of social and political history, philosophy, ideologies, culture, aesthetics and literary traditions across the world.

Literary texts also offer linguistic inputs to help learners acquire the skills for English language development and improvement. It facilitates one to interpret language better and enhance communication skills in English. The transferable skills thus developed are competencies required globally in the 21century workplace.

With the digital era ascertaining the presence of the English language, it has once again established itself as a world language and therefore an appreciable proficiency in using it can leverage life skills and career opportunities. Reading and studying English Literature will continue to stay relevant as long as human experiences and the English Language dominate the world.

2. Programme Learning Outcome

By the end of the B.A. programme, the students will be able to

- acquire critical temper, creative ability, and realisation of human values
- cultivate humaneness, respect, empathy and openness to the varied affiliations in different contexts across the world
- employ the knowledge gained, in criticism, interpretation and in the different modes of writing and oral communication
- interpret historical and cultural forces that shaped humanity through literary texts
- formulate the interconnectedness of all areas of knowledge and its synthesis, and get inspired by great minds, thoughts, and actions.

Nature and Extent of the Programme

The BA English Programme includes relevant core courses that are progressively introduced to acquire an overall exposure to English Literature from Britain to the Literatures in the English Language across the world, including India. At the same time, each course based on nationality distinguishes one literature from another. Allied courses will give the required background knowledge for an effective understanding of the core courses offered. Basic critical theories and approaches required to evaluate literature are also introduced. Courses in the various aspects of the English Language will introduce the students to its origin, structure and linguistics, grammar and usage that help to develop comprehensive written and communication skills. The Electives will enable the students to make choices in areas of

research and career opportunities. A few of them are skill-based and encourage internship for hands-on learning to enable the students acquire twenty-first century employability skills needed in the global environment.

Aim of the Programme

The Programme aims at providing a holistic understanding of the discipline and equips the students with life and transferable skills to pursue higher education or a career.

Graduate Attributes

By the end of the B.A. (English) programme, the students will be able to
- demonstrate knowledge of literature as a discipline by studying a range of literary texts written in English or translated into English from the past to present times
- show an understanding of the significant historical, political, and social backgrounds relevant to the literary texts studied
- derive an understanding of a variety of literary forms, styles, and structures for close analysis of texts
- appreciate literature as a source of understanding ideologies, practical wisdom, and aesthetic pleasure
- apply language in academic and non-academic contexts and in a standardised system for communication.

3. COURSE STRUCTURE

SEMESTER I

Course Component	Name of the Paper	Credits	Instructional Hours	Internal	Exteral	Total
				Max. Marks		
PART I	Language Paper -I	3	6	25	75	100
PART II	**BP2-ENG01-Communicative English I**	**3**	**3**	**50**	**50**	**100**
PART III	BEN-DSC01:British Literature-I	4	6	25	75	100
	BEN-DSC02:Shakespeare	4	5	25	75	100
	BEN-DSA01:Background to English Literature-I	5	6	25	75	100
PART IV	Basic Tamil / Adv. Tamil / * **NME**	2	-	25	75	100
	BP4-EASS01-English for Arts and Social Sciences I	**4**	**4**	**50**	**50**	**100**
	SEMESTER-WISE CREDITS TOTAL	**25**				

*NME; Choose any one from other Department

SEMESTER II

Course Component	Name of the Paper	Credits	Instructional Hours	Internal	Exteral	Total
				Max.Marks		
PART I	Language Paper – II	3	6	25	75	100
PART II	**BP2-ENG02-Communicative English II**	**3**	**3**	**50**	**50**	**100**
PART III	BEN-DSC03:British Literature- II	4	6	25	75	100
	BEN-DSC04:Indian Writing in English	4	5	25	75	100
	BEN-DSA02:Background to English Literature – II	5	6	25	75	100
PART IV	Basic Tamil / Adv Tamil / **NME***	2	-	25	75	100
	BP4-EASS02-English for Arts and Social Sciences II	**4**	**4**	**50**	**50**	**100**
	SEMESTER-WISE CREDITS TOTAL	**25**				

SEMESTER III

Course Component	Name of the Paper	Credits	Instructional Hours	Max.Marks		Total
				Internal	External	
Part I	Language - Paper III	3	6	25	75	100
Part II	**BP2-ENG03-Literary Appreciation**	**3**	**6**	**50**	**50**	**100**
Part III	BEN-DSC05:British Literature - III	4	6	25	75	100
	BEN-DSC06:Aspects of English Language-I	4	6	25	75	100
	BEN-DSA03:Background to English Literature – III	5	6	25	75	100
Part IV	Soft Skills	3	-	25	75	100
	Environmental Studies		Examination will be held in IV Sem.			
SEMESTER-WISE CREDITS TOTAL		**25**				

SEMESTER IV

Course Component	Name of the Paper	Credits	Instructional Hours	Max.Marks		Total
				Internal	External	
Part I	Language Paper IV	3	6	25	75	100
Part II	**BP2-ENG04- Academic Writing**	**3**	**6**	**50**	**50**	**100**
Part III	BEN-DSC07:American Literature - I	4	6	25	75	100
	BEN-DSC08:Aspects of English Language – II	4	6	25	75	100
	BEN-DSA04:Background to European and American Literature	5	6	25	75	100
Part IV	Soft Skills	3	-	25	75	100
	Environmental Studies	2	-	25	75	100
SEMESTER-WISE CREDITS TOTAL		**27**				

SEMESTER V

Course Component	Name of the Paper	Credits	Instructional Hours	Max.Marks		Total
				Internal	External	
Part – III	BEN-DSC09:American Literature- II	4	6	25	75	100
	BEN-DSC10:World Classics in Translation	4	6	25	75	100
	BEN-DSC11:Aspects of English Language – III	4	6	25	75	100
	BEN-DSC12:Introduction to Literary Theory and Criticism	4	6	25	75	100
	BEN-DSE1A:Introduction to Journalism (or) BEN-DSE1B:English Language Teaching (or) BEN-DSE1C:Writing Skills for the New Media	5	6	25	75	100
Part –I V	Value Education	2	-	25	75	100
SEMESTER-WISE CREDITS TOTAL		**23**				

SEMESTER VI

Course Component	Name of the Paper	Credits	Instructional Hours	Max.Marks		Total
				Internal	External	
Part IV	BEN-DSC13:Postcolonial Literatures in English	4	6	25	75	100
	BEN-DSC14:Contemporary Literature	4	6	25	75	100
	BEN- DSC15:Indian Literatures in English	4	6	25	75	100
	BEN-DSE2A:Creative Writing (or) BEN-DSE2B:Women's Writing (or) BEN-DSE2C:Literatures from the Margin	5	6	25	75	100
	BEN-DSE3A:Green Studies (or) BEN-DSE3B:Introduction to Translation Studies (or) BEN-DSE3C:Film and Literature	5	6	25	75	100
Part V	Extension Activities	1				
SEMESTER-WISE CREDITS TOTAL		**23**				

4.   Course Learning Outcomes and Syllabus **(Attached separately)**

(i) Core Courses

(ii) Allied Courses

(iii) Elective Courses

5. Examination and Evaluation

5.1 Assessment Methods

Alignment of Programme Learning Outcomes and Course Learning Outcomes with assessment methods should be prioritized to determine learners' achievement. They may be done at two levels:

- **Formative Assessment**: Internal Assessment (25 marks)
  CIA Tests- 10 marks | Assessment Tasks & Activities: 10 Marks | Attendance: 05 Marks
- **Summative Assessment**: End Semester University Examination (75 marks)

Formative Assessment Methods- Internal Assessment:

- It will be required to prioritize formative assessments, that is, In-semester tasks and activities including Continuous Internal Assessment Tests.
- Diversity in assessment methods is encouraged to ensure that the objectives of the courses are clearly aligned to learning outcomes.
- Assessment requirements must be clearly communicated to all students at the commencement of the semester.
- Any subsequent change or minor modification necessary for fuller realization of learning outcomes must be arranged with due notice and communicated to the learners effectively.

Progress of learners towards achieving learning outcomes may be internally assessed making creative use of the following, either independently or in combination.

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i) Internal Assessment Tasks/Activities (10marks)

- ➢ **Students may be assigned ANY TWO or more tasks/activities indicated,**
  based on learning-levels, credit load and class size.
- ➢ **All students need not necessarily do the same task or activity.**

Core Courses:
BEN-DSC01, BEN-DSC03, BEN-DSC04, BEN-DSC05, BEN-DSC07, BEN-DSC09, BEN-DSC10, BEN-DSC13, BEN-DSC14, BEN-DSC15

- ➢ Classroom Simulations
- ➢ Oral presentations, including seminar presentation
- ➢ Poetry Recitation/Performance
- ➢ Role Play
- ➢ Individual or Group Quiz

- ➢ Individual or Group Term Papers
- ➢ Literary Chart/Poster Presentations
- ➢ Library Visits (Individual or Group Reports to be submitted)

Core Courses: BEN-DSC02
- ➢ Enactment of Scene/Play
- ➢ Recitation of Passages
- ➢ Memorizing Quotes
- ➢ Individual or Group Quiz
- ➢ Individual or Group Term Papers on Film Adaptations of Shakespeare
- ➢ Literary Chart/Poster Presentations

Core Courses: BEN-DSC06, BEN-DSC08, BEN-DSC11
Language in Use – Tasks as indicated in the Course Components

Core Course: BEN-DSC12
- ➢ Individual or Group Quiz
- ➢ Computerized adaptive testing for MCQ
- ➢ Application- oriented Assignment
- ➢ Oral presentations, including seminar presentation
- ➢ Individual or Group Term Papers
- ➢ Literary Chart/Poster Presentations
- ➢ Library Visits (Individual or Group Reports to be submitted)

Elective Courses

BEN-DSE1A: Internship

- ➢ The internship can be with any print/online media for 20 hours
- ➢ Tasks to be aligned with Unit 5 in Course Components
- ➢ A journalistic article/report/digital story to be written and published
- ➢ A comprehensive report of the internship to be submitted.

BEN-DSE1B: Internship

- ➢ The internship should be related to the student's career goals
- ➢ Students should have sufficient background and maturity to learn from the experience
- ➢ Students must have a well-prepared Resume

  Orientation-Lesson Plans- Teaching Learning Materials – Execution –
  Setting Question Paper – Administering Test – Correction – Submitting a Report.
- ➢ A comprehensive report of the internship to be submitted.

BEN-DSE1C: Internship

- ➢ Hands-on –training from a recognized print/digital media for 20 hours.
- ➢ Publish an article in an print/digital media
- ➢ A comprehensive report of the internship to be submitted.

BEN-DSE2A:

- Each student to write a creative article
- Class Magazine with the articles and publish
- Interview with creative writers

BEN-DSE2B and BEN-DSE2C

- Case Studies with reports (500words)
- Problem based Assignments/Problem solving Activities
- Real life simulations
- Team Project with Reports (500 words)
- Awareness Campaigns/Posters/Rally

BEN-DSE3A

- Application-oriented Assignments
- Case Studies
- Field Visit with Report (500 words)

BEN-DSE3B

- Application-oriented Assignments
- Individual or Group Project- Translate any writing/talk
- Translate and Write subtitles of films/documentaries
- Publish the Translations
- Interview translators

BEN-DSE3C

- Application-oriented Assignments
- Review a Film
- Team Project with Report (500 words)
- Field Visit

Allied Courses: BEN-DSA01, BEN-DSA02, BEN-DSA03, BEN-DSA04

- Individual or Group Quiz
- Computerized adaptive testing for MCQ
- Oral presentations, including seminar presentation
- Individual or Group Term Papers
- Literary Chart/Poster Presentations
- Library Visits (Individual or Group Reports to be submitted)

Non-Major Elective Courses

BEN-NME01 and BEN-NME02: Spoken English I & II

➢ **Observation of practical skills** (speaking and listening, within a peer group or a class)

Rubrics for Speaking Assessment

	Fluency	Pronunciation and accent	Vocabulary	Grammar	Details
5	Smooth and fluid speech; few to no hesitations; no attempts to search for words; volume is excellent.	Pronunciation is excellent; good effort at accent	Excellent control of language features; a wide range of wellchosen vocabulary	Accuracy & variety of grammatical structures	Excellent level of description; additional details beyond the required
4	Smooth and fluid speech; few hesitations; a slight search for words; inaudible word or two.	Pronunciation is good; good effort at accent	Good language control; good range of relatively well-chosen vocabulary	Some errors in grammatical structures possibly caused by attempt to include a variety	Good level of description; all required information included
3	Speech is relatively smooth; some hesitation and unevenness caused by rephrasing and searching for words; volume wavers.	Pronunciation is good; Some effort at accent, but is definitely non-native	Adequate language control; vocabulary range is lacking	Frequent grammatical errors that do not obscure meaning; little variety in structures	Adequate description; some additional details should be provided
2	Speech is frequently hesitant with some sentences left uncompleted; volume very soft.	Pronunciation is okay; No effort towards a native accent	Weak language control; basic vocabulary choice with some words clearly lacking	Frequent grammatical errors even in simple structures that at times obscure meaning.	Description lacks some critical details that make it difficult for the listener to understand
1	Speech is slow, hesitant & strained except for short memorized phrases; difficult to perceive continuity in speech; inaudible.	Pronunciation is lacking and hard to understand; No effort towards a native accent	Weak language control; vocabulary that is used does not match the task	Frequent grammatical errors even in simple structures; meaning is obscured.	Description is so lacking that the listener cannot understand

BEN-NME03 and BEN-NME04: English for Competitive Examinations –Paper I & II
  ➢ Internal Tests – verbal and reasoning, vocabulary, grammar exercises, different reading materials for comprehension, writing tasks

BEN-NME05 and BEN-NME06
  ➢ Individual Writing Tasks- Create a website and publish – Class Magazine/Blogs
----

(ii) Question Paper Pattern: End Semester University Examination

For Core Courses: BEN-DSC01/03/05: British Literature- Paper I, II & III - 75 Marks

SECTION A (From Unit 1: Detailed Poetry only)
I.**Annotate FIVE of the following: (5 out of 8)**   **5x2= 10 marks**

SECTION B (From Poetry (non-detailed), Prose and Drama)

II. Analyse any THREE of following passages and answer the questions given below:
                            (3 out of 5)   **3x5=15 marks**

   (5-7 lines to be given and three questions to be asked for each passage)
   [1. textual question (1mark)   2. Word meaning/allusion (1 mark)   3. Explanation (3marks)
]

III. Answer any FOUR of the following questions in about 100 words (from Units 3,4,5)
                        (4 out of 6)   **4x5 = 20 marks**

SECTION C (from all Units)
IV. Write essays on any THREE of the following in 300 words. (3 out of 5)
                            3x10=30 marks

For Core Courses:

BEN-DSC04:Indian Writing in English

BEN-DSC07&09: American Literature- Paper I, & II,

BEN-DSC10:World Classics in Translation

BEN-DSC13:Postcolonial Literatures in English

BEN-DSC14:Contemporary Literature

BEN- DSC15:Indian Literatures in English

Total Marks: 75

<div align="center">

SECTION A (From Poetry only)   -

</div>

 I. **Annotate FIVE of the following: (5 out of 8)**   **5x2= 10 marks**

<div align="center">

SECTION B (From Prose) (3 out of 5)

</div>

II. **Analyse any THREE of following passages and answer the questions given below:**
<div align="center">

3x5=15 marks

</div>

  (5-7 lines to be given and three questions to be asked for each passage)
     [1. textual question (1mark)   2. Word meaning/allusion (1 mark) 3. Explanation (3marks)]

III. Answer any FOUR of the following questions:
(from Drama/Graphic Fiction & Short Stories) (4 out of 6)   **4x5 = 20 marks**

<div align="center">

SECTION C (From all units) (3 out of 5)

</div>

IV. Write essays on any THREE of the following in 300 words. (from all Units)
<div align="center">

3x10=30 marks

</div>

For Core CourseBEN-DSC02: Shakespeare   **- 75 Marks**

<div align="center">

SECTION A

</div>

 I. **Annotate any FIVE of the Following without omitting any Group**
<div align="center">

5x2= 10 marks

</div>

Group –A (3 passages from Henry IV Part I)
Group –B (3 passages from Twelfth Night**)**
Group –C (3 passages from Macbeth)
Group –A (3 passages from Tempest)

<div align="center">

SECTION B (5 out of 7)

</div>

(Theoretical questions from Unit divisions-1.2, 2.2, 3.2, 4.2 and Unit V)
II. Answer any FIVE of the following   in about 100 words   **5x5 = 25 marks**

<div align="center">

SECTION C

</div>

III. Answer any FIVE of the following in 250 words without omitting any Group.
<div align="center">

5x8=40 marks

</div>

Group –A (3 questions from Unit 1)

Group –B (3 questions from Unit 1I)

Group –C (3 questions from Unit 1II)

Group –D (3 questions from Unit 1V)

 Group –E(3 questions from Unit V)

For Core Course BEN-DSC06:ASPECTS OF ENGLISH LANGUAGE PAPER I   75 marks

SECTION A

MCQ- Questions1 - 20 – Based on **Language in Use** indicated in all Units

I. Choose the correct answer.   20x1= 20 marks

SECTION B

Short answers – Q 21- Q27 – Theoretical questions from all Units (5out of 7)

II. **Answer any FIVE of the following in about 100 words.   5x 5 = 25 marks**

SECTION C

III. Answer the following

Q 28 or Q 29 - (internal choice) – Essay Question from **Unit 1 – Introduction** – **10 Marks**

Q 30 – (Grammar - Higher Order Applications/ practice)   **5x2 = 10 marks**

   a. Rewrite the sentence in the right order (jumbled words)   -   (5)

   b. Rewrite the paragraph by writing the sentences in the correct sequence - (5)

Q 31 – (Higher Order Applications/ practice)   **2 x 5 =10 marks**

   a. Conversion (Change the voice, direct vs reported speech) – 2 sentences - (2)
   b. Transformation of sentences (simple- compound- complex, linkers)- 2 sentences (2)
   c. Error correction - 4 errors – tense, concord, preposition, pronoun - (2)
   d. Rewrite the sentences by changing the tense– 2 sentences - (2)
   e. Rewrite the sentences by changing the pronoun and number   - (2)

Note – Unit divisions 5.3, 5.4 & 5.5 are not for testing in the End Semester Examination.

_____

Core Course BEN-DSC08:ASPECTS OF ENGLISH LANGUAGE PAPER II-75 marks

SECTION A

MCQ Q1 - Q20 – all Units - as given in **Language in Use**

I. Choose the correct answer: **20x1=20 marks**

SECTION B

(short answers from all units, transcription, morphological analysis)

II. Answer the following.   **25 marks**

Q 21 – Q25 –- Answer any 3 out of 5 – (3 x 5 = 15)

Q26. Phonetic transcription – short sentences - 2 sentences (5)

Q 27. Morphological analyses – tree diagram – 2 sentences (5)

SECTION C

(Essays – Internal choice – Choices should not be from the same unit)

III. Answer any THREE of the following in about 300 words.   10x 3=30 marks

Q28. a. or b.

Q 29. a. or b.

Q 30. a. or b.

_____

Core Course BEN-DSC011:ASPECTS OF ENGLISH LANGUAGE PAPER III - 75 marks

SECTION A

MCQ –Q1. – Q10 (**from Unit 1 – Introduction only**)

I. Choose the correct answer: **10 marks**

SECTION B

(short answers, disambiguation of sentences, IC Analysis)

II. Answer the following   **35 marks**

Q 11- Q 17 – Answer any 5 out of 7 – All Units – (5 x 5 = 25)

Q18. IC Analysis   (5)

Q 19. Disambiguate the following sentence – (5 sentences) - (5)

SECTION C

(Internal choice – theoretical question (or) Writing in Practice)

III. Answer any THREE of the following in about 300 words.   3x 10 = 30 marks

Q20. a. Theoretical Question   (10)

(or)

b. Writing in Practice

Q21. a. Theoretical Question   (10)

(or)

b. Writing in Practice

Q22. a. Theoretical Question   (10)

(or)

b. Writing in Practice

Core Course BEN-DSC12: Introduction to Literary Theory and Criticism

SECTION A

(MCQ from all the Units)

I. Choose the correct answer: 20x1=20 marks

SECTION B

II. Answer any FIVE of the following in about 100 words   5x5=25 marks

SECTION C

III. Answer any THREE of the following in about 300 words   10x3=30 marks

For ALL ELECTIVE Courses   **75 marks**

BEN-DSE1A: Introduction to Journalism

BEN-DSE1B: English Language Teaching

BEN-DSE1C: Writing Skills for the New Media

BEN-DSE2A:Creative Writing

BEN-DSE2B:Women's Writing

BEN-DSE2C:Literatures From The Margin

BEN-DSE3A: Green Studies

BEN-DSE3B: Introduction to Translation Studies

BEN-DSE3C: Film and Literature

 SECTION A

(MCQ from all the Units except Unit V)

I. Choose the correct answer: 1x15=15 marks

SECTION B

I. Answer any FIVE of the following in about 100 words   6x5=30 marks

SECTION C

II. Answer any THREE of the following in about 300 words   10x3=30marks

----

For ALLIED Courses: **75 marks**

BEN-DSA01/02/03: Background to English Literature –Paper I,II &III

BEN-DSA04: Background to European and American Literature

SECTION A

(MCQ from all the Units)

I. Choose the correct answer; 20x1=20 marks

SECTION B

II. Answer any FIVE of the following in about 100 words   5x5=25 marks

SECTION C

III. Answer any THREE of the following in about 300 words   10x3=30 marks

----

For All Non-Major-Elective Courses

SECTION A

I. Answer any FIVE of the following in about 100 words   6x5=30 marks

SECTION B

II. Answer any THREE of the following in about 300 words   15x3=45 marks

----

iii) Grading System:

Existing

-x-x-x-

UNIVERSITY OF MADRAS
Chepauk, Chennai 600 005

[Est. 1857, State University, NAAC 'A' Grade, CGPA 3.32, NIRF 2019

Rank: 20]

Website: www.unom.ac.in, Tel. 044-2539 9561

Undergraduate Programme in Biochemistry

Curriculum and Syllabus for
B.Sc.Biochemistry
(With effect from the Academic Year 2020-21)

Note: The Board of Studies is designed Learning Outcome Based Curriculum

Framework of Under Graduate Biochemistry Programme prescribed by UGC

Content

1. Preamble

2. Programme Learning Outcome

3. Course Structure

4. Course Learning Outcomes and Syllabus

   (i) Core Courses

   (ii) Allied Courses

   (iii) Elective Courses

5. Examination and Evaluation *(Existing System)*or Changes can be suggested for (i) and (II)only

   (i) Assessment Methods

   (ii) Question paper pattern

   (iii) Grading System

Curriculum and Syllabus for B.Sc., Biochemistry
(With effect from the Academic Year 2020-21)

1. Preamble

Biochemistry is the cross over scientific discipline that integrates the living world and chemistry. It involves the study of the structure of biomolecules and explores the biological processes at molecular level in the living organisms. It is the laboratory science that has several domains like cell biology, molecular biology, clinical biology, enzymology, immunology, physiology, pharmacology etc., It has enlightened many aspects of health and diseases and paved the way for many interdisciplinary technological innovations like metabolomics, genomics and proteomics. There is a continuous demand for biochemists in public and private health care sectors, agriculture, medical and forensic departments. Almost all food, pharmaceuticals, health and beauty care etc required quality control and safety checks for which experts in the field of Biochemistry are always in need. The syllabi for the three year B.Sc degree programme in Biochemistry was framed in such a way that at the end of the course they could apply the knowledge and expertise in industries, diagnostic laboratories and various research fields

2. Progamme Learning Outcome

2.1 Nature and Extent of the Programme

B.Sc Biochemistry is the first level of college or university degree in the country as in several parts of the world. After successfully completing this undergraduate degree, as a Biochemist they could further pursue post graduation in related fields in life sciences. The critical thinking, computational and analytical skills lead to the development of new diagnostic techniques. After graduation they could observe safety practices in laboratories and could effectively communicate the biochemical concepts. They are empowered to work individually, elucidate and solve diverse problems for future developments. Thus the under graduate level degree in biochemistry must sensitize the students to the mentioned objectives. The LOCF has been developed in such as way the acquired knowledge and problem solving ability at the under graduate level could be contributed to the betterment of the society in various research and health care sectors.

2.2 Aim of the Programme

The aim of the undergraduate degree in Biochemistry is to provide a thorough understanding of the various subjects in the field of biochemistry. Subject Knowledge can be impacted by teaching learning process in the class and analytical skills by practical sessions. The presentation skills can be developed by seminars and group discussions. Research skills can be inculcated by exposure to industry, internships, data collection activity and project writing. Thus a combination of activities like lectures, practical classes, seminars, projects and field trips will enable the students to think critically and familiarise with various experiments in biochemical fields.

2.3 Graduate attributes

The students graduating in this discipline must have sound understanding of the subjects. They should have excellent practical skills, validation and interpretation of results as a laboratory professional. They should be able to link theoretical and practical knowledge. They should posses the ability to clearly communicate the ideas with confidence and execute them. They should be innovative with problem solving ability to cope up with the new problems arising in various life science sectors. They should posses the ability to clearly communicate the scientific ideas and carry out research with ethics. As biochemist they should have self confidence and ability to work with team spirit. They should be well informed and updated about the current developments in the scientific community. Above all they should possess high order of research, social and environmental thinking to make a valuable contribution to the society.

Besides attaining the attributes related to the profession of Biochemistry, the graduates in this discipline should also develop ethical awareness which is mandatory for practicing a scientific discipline including ethics of working in a laboratory and ethics followed for scientific publishing of their research work in future. The students graduating in Biochemistry should also develop excellent communication skills both in the written as well as spoken language which is indispensible for them to pursue higher studies from some of the best and internationally acclaimed universities and research institutions spread across the globe.

3. COURSE STRUCTURE:

I SEMESTER

Course Components/Title of the paper	Ins. Hrs	Credits	Marks		
			CIA	EXT	TOTAL
Part-I-Tamil/Other Language paper-I	6	3	25	75	100
Part-II BP2-ENG01-Communicative English-I	**3**	**3**	**50**	**50**	**100**
Part-III-BBC-DSC01: Nutritional Biochemistry	8	5	25	75	100
Allied Paper- I	6	3	25	75	100
Allied Practical I	3	Examinations Conducted in II Semester			
Part- IV-Basic Tamil/Adv. Tamil/ Non Major Elective - I:*	-	2	25	75	100
BP4-ELSC01-English for Life Sciences-I	**4**	**4**	**50**	**50**	**100**

*NME;I Choose any one paper from the other Department

II SEMESTER

Course Components/ Title of the paper	Ins. Hrs	Credits	Marks		
			CIA	EXT	TOTAL
Part-I-Tamil/Other Language paper-II	6	3	25	75	100
Part-II BP2-ENG02-Communicative English-II	**3**	**3**	**50**	**50**	**100**
Part-III-BBC-DSC02: Cell Biology	5	5	25	75	100
BBC-DSC03: Core Practical-I	3	4	40	60	100
Allied Paper-II	6	3	25	75	100
Allied Practical-I & II	3	4	40	60	100
Part- IV-Basic Tamil/Adv. Tamil/ Non Major Elective - II: *	-	2	25	75	100
BP4-ELSC02-English for Life Sciences-II	**4**	**4**	**50**	**50**	**100**

*NME-II- Choose any one paper from the other Department

III SEMESTER

Course Components/ Title of the paper	Ins. Hrs	Credits	Marks		
			CIA	EXT	TOTAL
Part-I Language paper-III	6	3	25	75	100
Part-II BP2-ENG03 - Language Through Literature - I	**6**	**3**	**50**	**50**	**100**
Part-III-BBC-DSC04: Biomolecules	9	5	25	75	100
Allied Paper-III	9	3	25	75	100
Part- IV Environmental Studies	-	2	Exam in IV semester		
Soft Skills	-	3	50	50	100

IV SEMESTER

Course Components/ Title of the paper	Ins. Hrs	Credit	Marks		
			CIA	EXT	TOTAL
Part- I Language paper-IV	6	3	25	75	100
Part-II BP2-ENG04- Language Through Literature- II	**6**	**3**	**50**	**50**	**100**
Part-III - BBC-DSC05: Biomolecules and Biochemical Techniques	6	5	25	75	100
BBC-DSC06: Core Practical-II	3	4	40	60	100
Allied Paper-IV	6	3	25	75	100
Allied Practical – III & IV	3	4	40	60	100
Part- IV-Environmental Studies	-	2	25	75	100
Soft Skills	-	3	50	50	100

V SEMESTER

Course Components/ Title of the paper	Ins. Hrs	Credits	Marks		
			CIA	EXT	TOTAL
Part-III-BBC-DSC07: Enzymes	6	5	25	75	100
BBC-DSC08: Metabolism	6	5	25	75	100
BBC-DSC09: Analytical Biochemistry	6	5	25	75	100
BBC-DSE01: Human Physiology	5	5	25	75	100
Part- IV-Value Education	2	2	25	75	100

VI SEMESTER

Course Components/ Title of the paper	Ins. Hrs	Credits	CIA	EXT	TOTAL
			Marks		
Part-III-BBC-DSC10: Clinical Biochemistry	6	5	25	75	100
BBC-DSC11: Molecular Biology	6	4	25	75	100
BBC-DSC12: Core Practical III	3	4	40	60	100
BBC-DSC13: Project	5	4	20	80	100
BBC-DSE02 : Immunology	5	5	25	75	100
BBC-DSE03 : Biotechnology	5	5	25	75	100
Part-V-Extension Activity		1			

(Core paper: 60 Credits; Core Elective paper: 15 Credits; Non-major elective: 4 Credits; Part -I: 12 Credits; Part -II: 12 credits; Allied paper: 20 Credits; Soft Skills: 12 Credits; EVS: 2 Credits; Value Education: 2 Credits; Extension Activity: 1 Credit)

Course content: The syllabus consists of theory, practical papers, Internship and a project. The students are expected to present seminars on special topics.

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University of Madras

Chepauk, Chennai 600 005

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Undergraduate Programme
in
Computer Science

Syllabus for
B.Sc Computer Science
(With effect from the Academic Year 2020-21)

February 2020

Learning Outcome Based Curriculum Framework

Note: The Board of Studies is designed Learning Outcomes Based Curriculum Framework of Under Graduate Computer Application Programme prescribed by UGC

Syllabus for B.Sc Computer Science

(With effect from the Academic Year 2020-21)

I Preamble

Bachelor of Computer Science is a 3 – Year Under Graduate Programme spread over six semesters. The course is designed to achieve high degree of technical skills in Problem solving and application development. The course develops requisite professional skills and problem solving abilities for pursuing a successful career in software industry and forms the required basics for pursuing higher studies in Computer Science.

II Course Objectives

- Acquisition of Knowledge and understanding of system, various programming languages and tools required for effective computation based problem solving.
- Utilize emerging technological tools learn, adapt and successfully rite effective procedural coding meeting the needs of technical and societal challenges
- Attain sufficient knowledge related to computer domains, possesses technical, soft and hard skills and apply them effectively in team work
- Empower the students with competencies in creative thinking and problem solving, inter-personal communication and managerial skills.

III Graduate Attributes

- Computational Knowledge
- Problem analysis & Solving
- Design & Development of Solutions
- Modern tool usage
- Communication skills
- Innovation & Entrepreneurship
- Societal & environmental concern

IV Course Outcomes

After Completion of the course, the students are expected to

- Understand the basic principles and concepts of Computer Science and integrate the knowledge gained in Computer Science domain with practical needs of the society and be an ethically and socially responsible Computer Science Professional
- Explore emerging technologies in diverse areas of Computer Science and inculcate skills for successful career, entrepreneurship and higher studies
- Apply the concepts of Computer and practices via emerging technologies and Software development tools

COURSE STRUCTURE:

COURSE CONTENT	COURSE NAME	Ins. Hrs	CREDITS	Ext.	Int.	Total
	I SEMESTER					
				MAX. MARKS		
PART I	Tamil/ Other languages – I	6	3	75	25	100
PART II	**BP2-ENG01- Communicative English I**	**3**	**3**	**50**	**50**	**100**
PART III	BCE-CSC01 - Problem Solving using Python@	6	4	75	25	100
	BCE-CSC02 - Core Practical-I - Problem Solving using Python Lab@	5	3	60	40	100
	BMA-CSA01-Allied I: Mathematics-I@	6	5	75	25	100
PART IV	Basic Tamil/Advanced Tamil/NME I*	-	2	75	25	100
	BP4-EPSC01- English for Physical Science I	**4**	**4**	**50**	**50**	**100**
	Total Credits		**24**			
	II SEMESTER					
PART I	Tamil/ Other languages – II	6	3	75	25	100
PART II	**BP2-ENG02- Communicative English II**	**3**	**3**	**50**	**50**	**100**
PART III	BCE-CSC03 - Computer Organization@	6	4	75	25	100
	BCE-DSC04 - Core Practical-II - Computer Organization Lab	5	3	60	40	100
	BMA-CSA02-Allied II: Mathematics II@	6	5	75	25	100
PART IV	Basic Tamil/Advanced Tamil/NME-II*	-	2	75	25	100
	BP4-EPSC02- English for Physical Science II	**4**	**4**	**50**	**50**	**100**
	Total Credits		**23**			
	III SEMESTER					
PART I	Tamil/ Other languages – III	6	3	75	25	100
PART II	**BP2-ENG03-Language Through Literature- I**	**6**	**3**	**50**	**50**	**100**
PART III	BCE-CSC05 - Java and Data Structures@	6	4	75	25	100
	BCE-CSC06 - Core Practical-III - Data Structures using Java Lab@	3	3	60	40	100
	BPS-CSA01 - Allied III-Physics-I(Theory)@	6	3	75	25	100
	BPS-CSAP1-Allied Physics – I (Practical)	3	2	Examination will be held in IV Sem.		
	(OR)					
	BST-CSA01-Allied III-Statistics I@	9	5	75	25	100
PART IV	Soft Skill	-	3	50	50	100
	Environmental Studies	-	Examination will be held in Semester IV			
	Total Credits		**21**			

	IV SEMESTER					
PART I	Tamil/ Other languages – IV	6	3	75	25	100
PART II	**BP2-ENG04- Language Through Literature - II**	**6**	**3**	**50**	**50**	**100**
PART III	BCE-CSC07 - Web Technology@	6	4	75	25	100
	BCE-CSC08 - Core Practical-IV - Web Technology Lab@	3	3	60	40	100
	BPS-CSA02 – Allied IV- Physics-II (Theory)@	6	3	75	25	100
	BPS-CSAP1 - Allied Physics–I & II (Practicals)	3	2	60	40	100
	(OR)					
	BST-CSA02- Allied IV- Statistics II@	9	5	75	25	100
PART IV	Soft Skill	-	3	50	50	100
	Environmental Studies	-	2	75	25	100
	Total Credits		**23**			

V SEMESTER						

COURSE CONTENT	COURSE NAME	Ins. Hrs	CREDITS	MAX. MARKS		
				Ext.	Int.	Total
PART III	BCE-CSC09 - Computer Network@	6	4	75	25	100
	BCE-CSC10 - Operating System@	6	5	75	25	100
	BCE-CSC11 - Relational Database Management System@	6	4	75	25	100
	BCE-CSC12 - Core Practical-V - Operating System Lab@	3	3	60	40	100
	BCE-CSC13 - Core Practical-VI - PL/SQL Lab@	3	3	60	40	100
	Elective I-Choose any one from the list	5	5	75	25	100
PART IV	Value Education	2	2	75	25	100
	Total Credits		**26**			

VI SEMESTER						
PART III	BCE-CSC14 - Software Engineering@	6	4	75	25	100
	BCE-CSC15 - Introduction to Data Science@	6	5	75	25	100
	BCE-DSC16 - Introduction to Cloud Computing	6	4	75	25	100
	BCE-DSC17 - Core Practical-VII - CASE Tools and Testing Tools Lab	3	3	60	40	100
	Elective II- Choose any one from the list	5	5	75	25	100
	BCE-CSC18 - Core Practical-VIII - Mini Project@		5	60	40	100
PART V	Extension Activities		1			
	Total Credits		**27**			
	Total credits (Core, Elective, SBS)		**143**			

*NME: Choose Any one From the Other Department

	Elective I
BCE-DSE1A	Artificial Intelligence and Expert System
BCE-DSE1B	Graphics and Visualization
BCE-DSE1C	Network Security
	Elective II
BCE-DSE2A	Mobile Computing
BCE-CSE2B	IOT and its Applications@
BCE-DSE2C	Block Chain Technology

@ - Common subject of other course/s.

UNIVERSITY OF MADRAS

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Undergraduate Programme in Mathematics

(With effect from the Academic Year 2020-21)

FEBRUARY 2020

Note: The Board of Studies is designed Learning Outcomes Based Curriculum Framework of B.Sc. Mathematics Programme prescribed by UGC

Content

1. Preamble

2. Programme Learning Outcome

3. Course Structure

4. Course Learning Outcomes and Syllabus

   (i) Core Courses

   (ii) Allied Courses

   (iii) Elective Courses

1. PREAMBLE

The curriculum of B.Sc. Mathematics is structured in a way that the students acquire in-depth knowledge to perceive the principles of the core. Basics in Algebra, Calculus , Analytical Geometry , Differential Equations and Transform Techniques are covered exclusively to prepare the students to proceed to the next level of Higher Mathematics of Linear Algebra, Real and Complex Analysis, Mechanics. A list of varied electives namely, Operations Research, Graph Theory, Number Theory, Programming Language 'C', Mathematical Modelling, Programming with Python are furnished to bridge between the Main and Applied Mathematics. The comprehensive curriculum design yields an excellent career opportunity in Research, Education, Public and Private Sectors, Business sectors, Banking, IT Industries and in every domain of contemporaries.

2. PROGRAM LEARNING OUTCOMES

The comprehensive course outline enables the students to enhance Computational skills and Mathematical reasoning. The program develops the ability to think critically, logically and analytically thereby preparing the students to enhanced career opportunities in Industries, Commerce, Education and Research.

a. NATURE AND EXTENT OF BACHELOR'S DEGREE PROGRAMME

Mathematics is the culmination of in-depth of knowledge of Algebra, Calculus, Differential equations and several other branches of Mathematics. This also leads to selected areas like Computer science and Statistics. Mathematics is a diverse discipline that deals with data, measurement and observations from science, with inference, deduction and proof and with mathematical models of natural phenomena of human behaviour and of social systems.

b. AIMS OF BACHELOR'S DEGREE PROGRAMME IN MATHEMATICS

The overall aim of B.Sc. Mathematics is to

- develop broad and balanced knowledge and understanding of definitions, concepts, principles and theorems.
- enhance the ability of learners to apply the knowledge and skills acquired by them during the programme to solve specific theoretical and applied problems in mathematics.
- provide students/learners sufficient knowledge and skills enabling them to undertake further studies in mathematics and its allied areas on multiple disciplines concerned with mathematics.

c. GRADUATE ATTRIBUTES IN MATHEMATICS

The graduate attributes in mathematics are mentioned in the expected course learning outcomes of each course which provides critical thinking, analytical reasoning, problem solving and research related skills etc,.

3. COURSE STRUCTURE

FIRST SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Marks	Ext.Marks	Total
Part - I	Language Paper -I	6	3	25	75	100
Part - II	**BP2-ENG01-Communicative English I**	**3**	**3**	**50**	**50**	**100**
Part - III	BMA-CSC01: Algebra@	4	4	25	75	100
	BMA-CSC02: Differential Calculus@	4	4	25	75	100
	Allied Paper- I	9	5	25	75	100
Part - IV	Basic Tamil/Adv. Tamil/NME –I*	-	2	25	75	100
	BP4-EPSC 01-English for Physical Sciences I	**4**	**4**	**50**	**50**	**100**

SECOND SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Marks	Ext.Marks	Total
Part - I	Language Paper -II	6	3	25	75	100
Part - II	**BP2-ENG02-Communicative English II**	**3**	**3**	**50**	**50**	**100**
Part - III	BMA-CSC03: Trigonometry@	4	4	25	75	100
	BMA-CSC04: Integral Calculus and Vector Analysis@	4	4	25	75	100
	Allied Paper- II	9	5	25	75	100
Part - IV	Basic Tamil/Adv. Tamil/NME-II*	-	2	25	75	100
	BP4-EPSC 02-English for Physical Sciences II	**4**	**4**	**50**	**50**	**100**

*NME: CHOOSE ANY ONE OF THE PAPER FROM THE OTHER DEPARTMENT

THIRD SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Marks	Ext. Marks	Total
Part - I	Language Paper -III	6	3	25	75	100
Part - II	**BP2-ENG03-Language Through Literature- I**	**6**	**3**	**50**	**50**	**100**
Part - III	BMA-CSC05: Analytical Geometry@	5	4	25	75	100
	BMA-CSC06: Differential Equations@	4	4	25	75	100
	Allied Paper- III	9	5	25	75	100
Part - IV	Environmental Studies	-	Examination will be held in the IV Sem.			
	Soft Skills	-	3	50	50	100

FOURTH SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Marks	Ext.Marks	Total
Part - I	Language Paper -IV	6	3	25	75	100
Part - II	**BP2-ENG04-Language Through Literature- II**	**6**	**3**	**50**	**50**	**100**
Part - III	BMA-CSC07: Transform Techniques@	4	4	25	75	100
	BMA-CSC08: Statics@	5	4	25	75	100
	Allied Paper- IV	9	5	25	75	100
Part - IV	Environmental Studies	-	2	25	75	100
	Soft Skills	-	3	50	50	100

FIFTH SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Marks	Ext.Marks	Total
Part - III	BMA-CSC09: Algebraic Structures-I@	6	4	25	75	100
	BMA-CSC10: Real Analysis-I@	6	4	25	75	100
	BMA-CSC11: Dynamics@	6	4	25	75	100
	BMA-CSC12: Discrete Mathematics@	6	4	25	75	100
	Elective Paper -I: Choose any one from Group-A	6	5	25	75	100
Part - IV	Value Education		2	25	75	100

SIXTH SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Marks	Ext.Marks	Total
Part - III	BMA-CSC13: Algebraic Structures-II@	6	4	25	75	100
	BMA-CSC14: Real Analysis-II@	6	4	25	75	100
	BMA-CSC15: Complex Analysis@	6	4	25	75	100
	Elective Paper -II: Choose any one from Group-B	6	5	25	75	100
	Elective Paper -III: Choose any one from Group-B	6	5	25	75	100
Part - V	Extension Activity		1			

@ Common to B.Sc. Mathematics with Computer Applications.

LIST OF ALLIED SUBJECTS:

BPS-CSA01	Allied Physics – I (Theory)
BCY-CSA1A	Allied Chemistry – I (Theory)
BMA-CSA01	Calculus of finite differences and Numerical Analysis –I@
BMA-CSA02	Mathematical Statistics – I@
BMA-CSA05	Financial Accounting - I
BPS-CSA02	Allied Physics – II (Theory) (pre-requisite Physics – I).
BPS-CSAP1	Allied Physics I & II (Practical)
BCY-CSA2A	Allied Chemistry – II (Theory) (pre-requisite Chemistry – I)
BCY-CSAP1	Allied Chemistry – I & II (Practical)
BMA-CSA03	Calculus of finite differences and Numerical Analysis -II (pre-requisite Calculus of finite differences and Numerical Analysis -I)@
BMA-CSA04	Mathematical Statistics II - (pre requisite Mathematical Statistics- I)@
BMA-CSA06	Financial Accounting - II (prerequisite Financial Accounting - I)
	Cost Accounting
	Management Accounting.

@ Common to B.Sc. Mathematics with Computer Applications.

LIST OF ELECTIVE SUBJECTS

GROUP – A

BMA-DSEA1	PROGRAMMING LANGUAGE 'C' WITH PRACTICALS
BMA-DSEA2	PROGRAMMING LANGUAGE PYTHON WITH PRACTICALS
BMA-DSEA3	MATHEMATICAL MODELING
BMA-DSEA4	NUMERICAL METHODS

GROUP - B

BMA-DSEB1	ELEMENTARY NUMBER THEORY
BMA-DSEB2	GRAPH THEORY
BMA-DSEB3	OPERATIONS RESEARCH
BMA-DSEB4	SPECIAL FUNCTIONS
BMA-DSEB5	APPLIED STATISTICS

The following distribution of marks for Computer related subjects which have both theory and practical (syllabus combined both theory and practical in each paper together) in B.Sc. Mathematics be followed:

PAPER	INTERNAL	EXTERNAL	TOTAL
Theory	25	75	100
Practical	40	60	100

Finally, theory marks (100) be reduced to 60% and practical marks (100) be reduced to 40%.

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UNIVERSITY OF MADRAS

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Undergraduate Programme in Management

Curriculum and Syllabus for
B.B.A-Bachelor of Business Administration
(With effect from the Academic Year 2020-21)

February 2020

Note: The Board of Studies in Business Administration(UG) designed learning Outcome Based Curriculum Framework of B.B.A. programme prescribed by UGC.

COURSE STRUCTURE:

SEMESTER I

COURSE COMPONENT	SUBJECTS	Int. Hours	CREDIT	MAX MARKS		TOTAL
				INT	EXT	
Part I	Tamil/ other Language-I	6	3	25	75	100
Part II	**BP2-ENG01: Communicative English-I**	**3**	**3**	**50**	**50**	**100**
Part III	BBA-DSC01:Principles of Management	5	4	25	75	100
	BBA-DSC02:Financial Accounting	6	4	25	75	100
	BBA-DSA01: Managerial Economics	6	5	25	75	100
Part IV	Basic/Adv.Tamil/NME-I*	-	2	25	75	100
	BP4-ECAM01- English for Commerce and Management-I	**4**	**4**	**50**	**50**	**100**

SEMESTER II

COURSE COMPONENT	SUBJECTS	Int. Hours	CREDIT	MAX MARKS		TOTAL
				INT	EXT	
Part I	Tamil/ other Language-II	6	3	25	75	100
Part II	**BP2-ENG02: Communicative English-II**	**3**	**3**	**50**	**50**	**100**
Part III	BBA-DSC03: Business Communication	5	4	25	75	100
	BBA-DSC04: Management Accounting	6	4	25	75	100
	BBA-DSA02: International Trade	6	5	25	75	100
Part IV	Basic/Adv. Tamil/NME-II*	-	2	25	75	100
	BP4-ECAM02- English for Commerce and Management-II	**4**	**4**	**50**	**50**	**100**

*NME: Choose any one from the other Department

SEMESTER III

COURSE COMPONENT	SUBJECTS	Int. Hours	CREDIT	MAX MARKS		TOTAL
				INT	EXT	
Part III	BBA-DSC05: Financial Management	6	4	25	75	100
	BBA-DSC06:Organisational Behaviour	6	4	25	75	100
	BBA-DSC07: Computer Application in Business	5	4	25	75	100
	BBA-DSC08: Marketing Management	5	4	25	75	100
	BBA-DSA03: Business Statistics	5	5	25	75	100
Part IV	Soft Skills	2	3	50	50	100
	Environmental Studies	1	Exam – 4th Semester			

SEMESTER IV

COURSE COMPONENT	SUBJECTS	Inst. Hour	CREDIT	MAX MARKS		TOTAL
				INT	EXT	
Part III	BBA-DSC09:Human Resource Management	6	4	25	75	100
	BBA-DSC10: Business Regulatory Frame Work	5	4	25	75	100
	BBA-DSC11:Financial Services	5	4	25	75	100
	BBA-DSC12: Management Information System	5	4	25	75	100
	BBA-DSA04: Operation Research	6	5	25	75	100
Part IV	Environmental Studies	1	2	25	75	100
	Soft Skill – IV	2	3	50	50	100

SEMESTER V

COURSE COMPONENT	SUBJECTS	Inst. Hours	CREDIT	MAX MARKS		TOTAL
				INT	EXT	
Part III	BBA-DSC13: Advertising Management and Sales Promotion	6	4	25	75	100
	BBA-DSC14: Research Methodology	5	4	25	75	100
	BBA-DSC15: Operations Management	5	4	25	75	100
	BBA-DSC16: Materials Management	6	4	25	75	100
	BGE-CSC19: Entrepreneurial Development** Or BGE-CSC15: Logistics and Supply Chain Management**	6	5	25	75	100
Part IV	Value Education	2	2	25	75	100

**The syllabus of the said courses as same as B.Com Degree programs.

SEMESTER VI

COURSE COMPONENT	SUBJECTS	Inst. Hours	CREDIT	MAX MARKS		TOTAL
				INT	EXT	
Part III	BBA-DSC17: Business Environment	6	4	25	75	100
	BBA-DSC18: Service Marketing	6	4	25	75	100
	BBA-DSC19: Business Taxation	6	4	25	75	100
	BBA-DSE2A: Customer Relationship Management Or	6	5	25	75	100
	BBA-DSE2B: E-Business			25	75	100
	BBA-DSE03: Project work (Group)	6	5	20	80	100
Part V	Extension Activities		1			

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Undergraduate Programme in Commerce

Curriculum and Syllabus for

B.COM

(With effect from the Academic Year 2020-21)

February 2020

Note: The Board of Studies is Commerce designed learning Outcome Based Curriculum Framework of B.Com. programme prescribed by UGC.

Content

1. Preamble

2. Programme Learning Outcome

3. Course Structure

4. Course Learning Outcomes and Syllabus

    (i) Core Courses

    (ii) Allied Courses

    (iii) Elective Courses

I. Preamble

Commerce is a subject used in different ways in different contexts. For a Business World, Commerce is the information about the Economy . For the manager of a manufacturing unit, Business unit Commerce may be the information about the planning, processing and finally Decision making control. For a entire Business World, Marketing investigating is the effects of a new product. Accounts is the evidence of Business efforts. For a college student, Commerce shows the grades or marks scored in a course. Thus, in all these subjects, Commerce refers to quantitative and qualitative data in the areas under study. Commerce is a subject is an important subject which is an branch of knowledge and is devoted to various techniques used in day to day life,like preparation of accounts analysis and interpretation of profit and losses. It is a science of learning from day to day economical routine happening in every part of the world. The subject provides tools for making decisions when conditions of uncertainty prevail. Hence Commerce is a tools and techniques are used in almost all fields which are indispensable for people working in fields like Industry, business, management, economics, finance, insurance, education, Direct and Indirect taxation, communication, Banking ,Law, Logistics and supply chain, Entrepreneurial Development etc. For the last two decades, large amount of data has been handled with the help of computers and more sophisticated statistical techniques can be used in an effective manner to draw valid Business decisions making. Knowledge of different aspects of Commerce has become crucial in the present scenario. There is a continuous demand for commerce people in fields of Business education, industry, software, Market research, Banking and stock Market. The syllabi of three-year B.Com& Allied degree course in Commerce are framed in such a way that the students at the end of the course, can be thorough in commercial techniques for pursuing higher studies and simultaneously can apply various subjects judiciously to a variety of subject sets to arrive at some valid solutions.

3. COURSE STRUCTURE:

Some of the subjects are brought with updated changes in Law, Computer, Taxation, Banking, Entrepreneurial Development, etc.

SEMESTER I

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART 1	Language Paper – I	6	3	25	75	100
PART II	**BP2-ENG01-Communicative English I**	**3**	**3**	**50**	**50**	**100**
	BGE-CSC01 - Financial Accounting	6	4	25	75	100
PART III	BGE-CSC02 - Business Communication	6	4	25	75	100
	BGE-CSA01 - Business Economics	5	5	25	75	100
	Basic Tamil / Advanced Tamil / **NME***	-	2	25	75	100
PART IV	**BP4-ECAM 01- English for Commerce and Management I**	**4**	**4**	**50**	**50**	**100**

*NME: Choose any one of the paper from other Department
.

SEMESTER II

Course content	Name of subject	Ins hrs	Credits	CIA	Extern	Total
PART I	Language Paper – II	6	3	25	75	100
PART II	**BP2-ENG02-Communicative English II**	**3**	**3**	**50**	**50**	**100**
	BGE-CSC03 - Advanced Financial Accounting	6	4	25	75	100
PART III	BGE-CSC04 - Principles of Management.	6	4	25	75	100
	BGE-CSA02 - Indian Economy	5	5	25	75	100
	Basic Tamil / Advanced Tamil / NME*	-	2	25	75	100
PART IV	**BP4-ECAM 02- English for Commerce and Management II**	**4**	**4**	**50**	**50**	**100**

*NME : Choose any one of the paper from other Department

SEMESTER III

Course content	Name of subject	Ins hrs	Credits	CIA	External	Total
	BGE-CSC05 - Corporate Accounting	6	4	25	75	100
	BGE-CSC06 - Business Laws	5	4	25	75	100
PART III	BGE-CSC07 - Banking Theory Law and Practice	5	4	25	75	100
	BGE-CSC08 - Marketing	5	4	25	75	100
	BGE-CSA3A - Business Statistics (OR) BGE-CSA3B - Rural Economics.	6	5	25	75	100
PART IV	Environmental Studies	1	**Examination will be held in Semester IV**			
	Soft Skills	2	3	50	50	100

SEMESTER IV

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART III	BGE-CSC09 - Advanced Corporate Accounting	6	4	25	75	100
	BGE-CSC10 - Company Law	5	4	25	75	100
	BGE-CSC11 - Financial Services.	5	4	25	75	100
	BGE-CSC12 - Indirect Taxation.	5	4	25	75	100
	BGE-CSA4A - Elements of Operations Research (OR) BGE-CSA4B - International Economics	6	5	25	75	100
PART IV	Environmental Studies	1	2	25	75	100
	Soft Skills	2	3	50	50	100

SEMESTER V

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART III	BGE-CSC13 - Elements of Cost Accounting	6	4	25	75	100
	BGE-CSC14 - Practical Auditing	6	4	25	75	100
	BGE-CSC15- Logistics and Supply Chain Management	6	4	25	75	100
	BGE-CSC16 - Financial Management	5	4	25	75	100
	BGE-CSE1A - Income Tax Law & Practice – I (OR) BGE-CSE1B - Visual Basic Programming	6	5	25	75	100
PART IV	Value Education	1	2	25	75	100

SEMESTER VI

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART III	BGE-CSC17 - Advanced Cost Accounting	6	4	25	75	100
	BGE-CSC18 - Management Accounting	6	4	25	75	100
	BGE-CSC19 - Entrepreneurial Development	6	4	25	75	100
	BGE-CSE2A - Income Tax Law & Practice – II (OR) BGE-CSE2B - Visual Basic Practical	6	5	25 40	75 60	100 100
	BGE-CSE3A - Human Resource Management (OR) BGE-CSE3B - Portfolio Management	6	5	25	75	100
PART V	Extension Activities		1			

Note: All the above subjects on Core, Elective and Allied are common to other B.Com Courses.

4. Course Learning Outcomes and Syllabus

Given under each subjects.

Learning outcomes:

Students will acquire

(a) knowledge of Commerce and its scope and importance in various areas such as

Production, Distribution, Stock Market, commodity market, Marketing, Agricultural, Industrial, Banking, Law and Social Sciences etc.

(b) information about various Forms of Commercial organizations in India and their functions for societal developments,

(c) knowledge of various types of Business Units, their organization and evaluation of summary measures such as Profit and losses, Fund flow and cash flow, Changes in Direct and Indirect taxes, New venture of Business and new handling of Business Data.

(d) knowledge of other Allied Subjects reflecting quality characteristics including concepts of Various Subjects.

(e) insights into preliminary exploration of different subjects.

(f) Knowledge of Law, statistics, Operation Research, cost accounts, Management accounting, Financial and corporate accounts and other updated Taxes etc.

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Undergraduate Programme
in
Computer Applications

Bachelor of Computer Applications (BCA)
(With effect from the Academic Year 2020-21)

February 2020

Learning Outcome Based Curriculum Framework

Note: The Board of Studies is designed Learning Outcomes Based Curriculum Framework of Under Graduate Computer Application Programme prescribed by UGC

I Preamble

Bachelor of Computer Applications (BCA) is a 3 – Year Under Graduate Programme Spread over six semesters. The Course is designed to bridge the gap between IT industries and Academic institutes by incorporating the latest development, into the Curriculum and to give students a complete understanding within a structured framework. The Course helps the students to build-up a successful Career in Computer Science and for pursuing higher studies in Computer Science.

II Course Objectives

- Provide strong foundations in fundamentals of Computer Science and applications, inter disciplinary courses and electives for widening the domain expertise.
- Design and develop software based solutions for real world problems, serving effectively to the requirements of computer field and Society
- Attain sufficient knowledge related to computer domains, possesses technical, soft and hard skills and apply them effectively in team work
- Empower the students with competencies in creative thinking and problem solving, inter-personal communication and managerial skills.

III Graduate Attributes

- Computational Knowledge
- Problem analysis & Solving
- Design & Development of Solutions
- Modern tool usage
- Communication skills
- Innovation & Entrepreneurship
- Societal & environmental concern

IV Course Outcomes

After Completion of the course, the students are expected to

- Understand the basic principles and concepts of Computer applications and integrate the knowledge gained in Computer application domain with practical needs of the society and be an ethically and socially responsible Computer Application Professional
- Explore emerging technologies in diverse areas of Computer Application and inculcate skills for successful career, entrepreneurship and higher studies
- Ability to apply the concepts of Computer and practices via emerging technologies and Software development tools.

COURSE STRUCTURE:

COURSE CONTENT	COURSE NAME	I SEMESTER				
		Ins. Hrs	CREDITS	MAX. MARKS		
				Ext.	Int.	Total
PART I	Tamil/ Other languages – I	6	3	75	25	100
PART II	**BP2-ENG01-Communicative English I**	**3**	**3**	**50**	**50**	**100**
PART III	BCE-CSC01 - Problem Solving using Python@	6	4	75	25	100
	BCE-CSC02 - Core Practical-I - Problem Solving using Python Lab@	5	2	60	40	100
	BMA-CSA01-Allied I: Mathematics I@	6	5	75	25	100
PART IV	Basic Tamil/Advanced Tamil/NME	-	2	75	25	100
	BP4-EPSC 01-English for Physical Sciences I	**4**	**4**	**50**	**50**	**100**
	Total Credits		**23**			

		II SEMESTER				
PART I	Tamil/ Other languages – II	6	3	75	25	100
PART II	**BP2-ENG02-Communicative English II**	**3**	**3**	**50**	**50**	**100**
PART III	BSA-CSC03 - Object Oriented Programming Concepts using C ++@	6	4	75	25	100
	BSA-CSC04 - Core Practical-II - C++ programming Lab@	5	3	60	40	100
	BMA-CSA02-Allied II: Mathematics II@	6	5	75	25	100
PART IV	Basic Tamil/Advanced Tamil/Non Major Elective II	-	2	75	25	100
	BP4-EPSC02-English for Physical Sciences II	**4**	**4**	**50**	**50**	**100**
	Total Credits		**23**			

		III SEMESTER				
PART III	BCA-DSC05 - Data Structures	6	4	75	25	100
	BCA-DSC06 - Java programming	6	4	75	25	100
	BCE-CSC03 - Computer Organization@	6	4	75	25	100
	BCA-DSC08 - Core Practical-III - Data Structures using Java Lab	6	3	60	40	100
	BCA-DSA03-Allied III: Financial Accounting	6	5	75	25	100
PART IV	Soft Skill	2	3	50	50	100
	Environmental Studies	2	Examination will be held in Semester IV			
	Total Credits		**23**			

		IV SEMESTER				
PART III	BCE-CSC09 - Computer Network@	6	4	75	25	100
	BSA-CSC15 - Open Source Technologies@	6	4	75	25	100
	BCA-DSC11 - E-Commerce Technologies	6	4	75	25	100
	BSA-CSC16 - Core Practical-IV - Open Source Technologies Lab@	6	3	60	40	100
	BCA-DSA04-Allied IV: Cost and Management Accounting	6	5	75	25	100
PART IV	Soft Skill	2	3	50	50	100
	Environmental Studies	2	2	75	25	100
	Total Credits		**25**			

COURSE CONTENT	COURSE NAME	Ins. Hrs	CREDITS	MAX. MARKS		
				Ext.	Int.	Total
	V SEMESTER					
PART III	BCE-CSC14 - Software Engineering@	6	4	75	25	100
	BCE-CSC10 - Operating System@	6	4	75	25	100
	BCE-CSC11 - Relational Database Management System@	6	4	75	25	100
	BCE-CSC12 - Core Practical-V - Operating System Lab@	3	3	60	40	100
	BCE-CSC13 - Core Practical-VI - PL/SQL Lab@	3	2	60	40	100
	Elective I Choose any one from the list	5	5	75	25	100
PART IV	Value Education	2	2	75	25	100
	Total Credits		**24**			
	VI SEMESTER					
PART III	BCA-DSC18 - Web Design and Development	6	4	75	25	100
	BCA-DSC19 - Data Mining	6	4	75	25	100
	BCA-DSC20 - Mobile Application Development	6	4	75	25	100
	BCA-DSC21 - Core Practical-VII - Mobile Application Development Lab	3	3	60	40	100
	Elective II- Choose any one from the list	5	5	75	25	100
	BCE-CSC18 - Mini Project@		5	60	40	100
PART V	Extension Activities		1			
	Total Credits		**26**			
	Total credits (Core, Elective, SBS)		**143**			

*NME: Choose Any one From the Other Department

		Elective I
BCA-DSE1A	Principles of Information Security	
BSA-CSE1B	Multimedia and its Applications@	
BCA-DSE1C	Resource Management Techniques	
		Elective II
BSA-CSE2A	Data Analytics using R@	
BCE-CSE2B	IOT and its Applications@	
BCA-DSE2C	Software Project Management	

@ - Common subject to other course/s.

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Undergraduate Programme in Commerce.

Curriculum and Syllabus for

B.Com - Information System Management

(With effect from the Academic Year 2020-21)

February 2020

(Template for the Board of Studies of Commerce-UG)

Note: The Board is designed learning Outcome Based Curriculum Framework prescribed by UGC for Under Graduate **Information System Management** Degree Programmes

Content

Curriculum and Syllabus for
B.COM (ISM) & ALLIED SUBJECTS
(With effect from the Academic Year 2020-21)

Preamble

Commerce is a subject used in different ways in different contexts. For a Business World, Commerce is the information about the Economy. For the manager of a manufacturing unit, Business unit Commerce may be the information about the planning, processing and finally Decision making control. For an entire Business World, Marketing investigating is the effects of a new product. An account is the evidence of Business efforts. For a college student, Commerce shows the grades or marks scored in a course. Thus, in all these subjects, Commerce refers to quantitative and qualitative data in the areas under study. Commerce is a subject is an important subject which is an branch of knowledge and is devoted to various techniques used in day to day life, like preparation of accounts analysis and interpretation of profit and losses. It is a science of learning from day to day economical routine happening in every part of the world. The subject provides tools for making decisions when conditions of uncertainty prevail. Hence Commerce is a tools and techniques are used in almost all fields which are indispensable for people working in fields like Industry, business, management, economics, finance, insurance, education, Direct and Indirect taxation, communication, Banking ,Law, Logistics and supply chain, Entrepreneurial Development etc. For the last two decades, large amount of data has been handled with the help of computers and more sophisticated statistical techniques can be used in an effective manner to draw valid Business decisions making. Knowledge of different aspects of Commerce has become crucial in the present scenario. There is a continuous demand for commerce people in fields of Business education, industry, software, Market research, Banking and stock Market. The syllabi of three-year B.Com& Allied degree course in Commerce are framed in such a way that the students at the end of the course, can be thorough in commercial techniques for pursuing higher studies and simultaneously can apply various subjects judiciously to a variety of subject sets to arrive at some valid solutions.

Course Structure

Some of the subjects are brought with updated changes in Law, Computer, Taxation, Banking, Entrepreneurial Development etc.

SEMESTER I

Course Content	Name of the Course	Ins. Hours	Credits	CIA	External	Total
PART 1	Language Paper – I	4	3	25	75	100
PART II	English Paper - I	4	3	25	75	100
PART III	BGE-CSC01 - Financial Accounting@	6	4	25	75	100
	BSM-DSC02 - Internet-of-Things	6	4	25	75	100
	BGE-CSA01 - Business Economics@	6	5	25	75	100
PART IV	Basic Tamil / Advanced Tamil / **NME***	2	2	25	75	100
	Soft Skill –I	2	3	50	50	100

* NME: Choose any one from the other department

SEMESTER II

Course Content	Name of the course	Ins Hours	Credits	CIA	External	Total
PART I	Language Paper – II	4	3	25	75	100
PART II	English Paper – II	4	3	25	75	100
PART III	BGE-CSC03 - Advanced Financial Accounting@	6	4	25	75	100
	BCN-CSC08 - Object Oriented Programming (OOP) using C + + - Theory and Practical@	6	4	40	60	100
	BGE-CSA02 - Indian Economy@	6	5	25	75	100
PART IV	Basic Tamil / Advanced Tamil / **NME***	2	2	25	75	100
	Soft Skill – II	2	3	50	50	100

* NME: Choose any one from the other department

SEMESTER III

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART III	BBM-CSE2B - Computerized Accounting@	6	4	40	60	100
	BSM-DSC06 - Data Structure	5	4	25	75	100
	BGE-CSC07 - Banking Theory Law and Practice@	5	4	25	75	100
	BCN-CSC12 - Java Programming - Theory & Practical@	5	4	40	60	100
	BGE-CSA3A - Business Statistics@	6	5	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	BSM-DSC09 - MIS (Management Information System)	6	4	25	75	100
	BGE-CSC04 - Principles of Management@	6	4	25	75	100
	BGE-CSC11 - Financial Services@	5	4	25	75	100
	BCN-CSC04 - Python Programming -Theory and Practical@	6	4	40	60	100
	BGE-CSA4A - Elements of Operations Research@	6	5	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	BSM-DSC13 - Financial Management	6	4	25	75	100
	BSM-DSC14 - Logistics and Supply Chain Management	5	4	25	75	100
	BSM-DSC15 - Spread Sheet Accounting (Practical)	6	4	40	60	100
	BSM-DSC16 - Business Analytics	6	4	25	75	100
	BGE-CSE1A - Income Tax Law & Practice – I@ **(OR)** BAF-CSE1A - Portfolio Management@	6	5	25	75	100
PART V	Value Education	1	2	25	75	100

SEMESTER VI

Course content	Name of subject	Ins Hr	Credits	CIA	External	Total
PART III	BSM-DSC17 - Software Project Management	6	4	25	75	100
	BGE-CSC18 - Management Accounting@	6	4	25	75	100
	BGE-CSC19 - Entrepreneurial Development@	6	4	25	75	100
	BSM-DSE2A - Applied E-Commerce **(OR)**	6	5	25	75	100
	BSM-DSE2B - Web Technology- Theory and Practicals			40	60	100
	BGE-CSE2A - Income Tax Law & Practice – II@ **(OR)**	6	5	25	75	100
	BSM-CSE3A - Project Work@			20	80	100
PART V	Extension Activities		1			

@ - Common subject of other B.Com Courses.

Course Learning Outcomes and Syllabus

Given under each subjects.

Learning outcomes:

Students will acquire

(a) knowledge of Commerce and its scope and importance in various areas such as

Production, Distribution, Stock Market, commodity market,Marketing, Agricultural, Industrial, Banking, Law and Social Sciences etc.

(b) information about various Forms of Commercial organizations in India and their functions for societal developments,

(c) knowledge of various types of Business Units, their organization and evaluation of summary measures such as Profit and losses, Fund flow and cashflow, Changes in Direct and Indirect taxes, New venture of Business and new handling of Business Data.

(d) knowledge of other Allied Subjects reflecting quality characteristics including concepts of Various Subjects.

(e) insights into preliminary exploration of different subjects.

(f) Knowledge of Law, statistics, Operation Research, cost accounts, Management accounting, Financial and corporate accounts and other updated Taxes etc.

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Undergraduate Programme

in Economics

Curriculum and Syllabus for

B.A Economics

(With effect from the Academic Year 2020-21)

February 2020

Model Curriculum and Syllabus for
B. A. Economics
(With effect from the Academic Year 2020-21)

1.   Preamble

Economics as a branch of knowledge is growing in its significance in terms of practical applications. A wide range of its quantitative and qualitative tools necessary to understand the working of economic systems are helping to solve a wide gamut of real world issues. The knowledge on the subject enhances the critical thinking skills and quantitative reasoning, sharpens the ability to reason, provide a specialised knowledge and problem solving skills. All these are directed to attain the goals of social justice, equity and market intervention strategies helps to make the learner skills relevant to the requirements of the economist and in shaping macro environment. A knowledge of underlying economic issues, key economic indices, cost of choices and trade-offs, the working of domestic and international trade are critical areas that are focussed here. The programme is designed to develop young scholar to be a professional economist.

2. a. Programme Learning Outcome

The programme learning outcomes are the admixture of the focus on the outcomes to be achieved from the teacher and learners point of view. It enables an attainment of a fund of knowledge in the discipline of study coupled with the attainment of a critical thinking and higher order cognitive skills. The ability to apply their knowledge in the field of economics and to device practical solutions and strategies ethically, are also focused here. It helps the student to carry out a range of activities like recalling, explaining, demonstrating, experimenting, appraising and designing, either individually or collectively within the domain of the knowledge of economics.

b. Nature and Extent of the Programme

It encompasses an adequate knowledge of the theories and subject matter of economics to attain the maximisation of individual and societal welfare and issues pertaining to it. The theoretical knowledge ranging from fiscal, monetary, micro, macro, health, international and other developmental spheres of economics are taught with a quantitative backdrop to obtain a totalistic perspective. An extensive use of mathematics is introduced here to facilitate analysis with the prime objective of providing an in depth understanding of the core economic models

Additional knowledge from other related branches like accounting, history and fundamental aspects of management are intertwined in to the programme to obtain a better grip and understanding of the subject.

c. Aim of the Programme

The broad aims of the graduate programme are

    i. *To provide both traditional and modern knowledge to work in a professional sphere*

    ii. *To supplement the above with an inter-disciplinary training to obtain a better understanding*

    iii. *To prepare the student for state and national level competitive examinations especially TNPSC/ TRB/UPSC Civil Services Examinations*

d. Graduate attributes

The graduate should possess a sound knowledge base of the subject, be capable of conducting investigations and skilfully identify, formulate, analyse and solve real life economic issues. He should be able to develop and design solutions to complex economic problems through appropriate use of the acquired fund of knowledge. He should inculcate the innate ability to freely communicate and multi-task in a multi disciplinary setting, within the boundaries set by the society thus promoting equity and justice. This will help him embark on a lifelong learning process in his chosen field of interest.

3. COURSE STRUCTURE:

SEMESTER I

Course Component	Name of the Paper	Inst. Hrs	Credit	Max Marks Int.	Max Marks Ext.	Total
PART I	Language Paper -I	6	3	25	75	100
PART II	**BP2-ENG01-Communicative English I**	**3**	**3**	**50**	**50**	**100**
PART III	BEC-DSC01: Micro Economics – I	6	4	25	75	100
	BEC-DSC02: Statistics-I	6	4	25	75	100
	BEC-DSA1A: History of Economic Thought (OR) BEC-DSA1B: Introduction to Operations Research	5	5	25	75	100
PART IV	* Basic Tamil / Advanced Tamil / **NME :1***	-	2	25	75	100
	BP4-EASS01- English for Arts and Social Sciences I	**4**	**4**	**50**	**50**	**100**

*Choose any one from other Department

SEMESTER II

Course Component	Name of the Paper	Inst. Hrs	Credit	Int.	Ext.	Total
PART I	Language Paper – II	6	3	25	75	100
PART II	**BP2-ENG02-Communicative English II**	**3**	**3**	**50**	**50**	**100**
PART III	BEC-DSC03: Micro Economics – II	6	4	25	75	100
	BEC-DSC04: Statistics- II	6	4	25	75	100
	BEC-DSA2A: Health Economics (OR) BEC-DSA2B: Computer Applications in Economics	5	5	25	75	100
PART IV	* Basic Tamil / Advanced Tamil / **NME II ***	-	2	25	75	100
	BP4-EASS02- English for Arts and Social Sciences II	**4**	**4**	**50**	**50**	**100**

* Choose any one from other Department

SEMESTER III

Course Component	Subjects	Inst. Hours	Credits	Int	Ext	Total
Part I	Language Paper III	6	3	25	75	100
Part II	**BP2-ENG03-Language Through Literature- I**	**6**	**3**	**50**	**50**	**100**
Part III	BEC-DSC05: Indian Economy-I	6	4	25	75	100
	BEC-DSC06: Mathematics for Economists	6	4	25	75	100
	BEC-DSA3A: Rural Economics (OR) BEC-DSA3B: Tourism for Development (OR) BEC-DSA3C: Entrepreneurial Development	6	5	25	75	100
Part IV	Soft Skills	-	3	25	75	100
	Environmental Studies	-	Examination will be held in IV Sem.			
Total Credits			22			

SEMESTER IV

Course Component	Subjects	Instr Hours	Credits	Int.	Ext	Total
Part I	Language Paper IV	6	3	25	75	100
Part II	**BP2-ENG04-Language Through Literature- II**	**6**	**3**	**50**	**50**	**100**
Part III	BEC-DSC07: Indian Economy - II	6	4	25	75	100
	BEC-DSC08: Econometrics	6	4	25	75	100
	BEC-DSA4A: Tamil Nadu Economy (OR) BEC-DSA4B: Economic History of India (1757-1964) (OR) BEC-DSA4C: Gender Economics	6	5	25	75	100
Part IV	Soft Skills	-	3	50	50	100
	Environmental Studies	2	2	25	75	100
Total Credits			24			

SEMESTER V

Course Component	Subjects	Inst Hours	Credits	Maximum Marks		
				Int	Ext	Total
Part – III	BEC-CSC09: Macro Economics –I*	6	4	25	75	100
	BEC-DSC10: Public Finance – I	6	4	25	75	100
	BEC-DSC11: International Economics	6	4	25	75	100
	BEC-DSC12: Development Economics	6	4	25	75	100
	BEC-DSE1A: Agricultural Economics (or) BEC-DSE1B: Labour Economics	6	5	25	75	100
Part –IV	Value Education		2	25	75	100
Total Credits			23			

* Common to B.A. Business Economics

SEMESTER VI

Course Components	Subjects	Inst Hours	Credits	Maximum Marks		
				Int	Ext	Total
Part IV	BEC-CSC13: Macro Economics –II*	6	4	25	75	100
	BEC-DSC14: Public Finance – II	6	4	25	75	100
	BEC-DSC15: Monetary Economics	6	4	25	75	100
	BEC-DSE2A: Industrial Economics (OR) BEC-DSE2B: Managerial Economics	6	5	25	75	100
	BEC-DSE3A: Environmental Economics (OR) BEC-DSE3B: Financial Markets and Institutions	6	5	25	75	100
Part V	Extension Activities		1			
Total Credits			23			

* Common to B.A. Business Economics

ALLIED PAPERS:	LIST OF ELECTIVE PAPERS:
First Semester: Allied-I History of Economic Thought (or) Introduction to Operation Research	**Fifth Semester: Elective – I** Agricultural Economics (or) Labour Economics
Second Semester: Allied-II Computer Applications in Economics (or) Health Economics	**Sixth Semester: Elective - II** Industrial Economics (or) Managerial Economics
Third Semester: Allied-III Rural Economics (or) Tourism for Development (or) Entrepreneurial Development	**Sixth Semester: Elective - III** Environmental Economics (or) Financial Markets and Institutions
Fourth Semester: Allied-IV Tamil Nadu Economy (or) Economic History of India (or) Gender Economics	

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Undergraduate Programme in

Psychology

Curriculum and Syllabus for

B.Sc Psychology

(With effect from the Academic Year 2020-21)

Note: The Board of Studies is designed Learning Outcomes Based Curriculum Framework of Under Graduate in Psychology Programme prescribed by UGC

Content

1. PREAMBLE:

What makes some people jump for joy when they win a lottery, while other people burst into tears? How does someone have such phenomenal memory that he can reel off 1000 lines of poetry? Where does cyber-bullying originate? When does a child stop believing in fairy tales? How does a person choose to buy a car or a motor cycle? Is the mind of a Ramanujam, a Bill Gates or a Mother Teresa different from more ordinary mortals? Do dreams have meaning? It is fascinating to observe and understand "the why" of these behaviors.

What makes human beings human? How are we able to think, feel and express ourselves? Why do we dream in our sleep and what is the significance of our dreams? How we are able to conceptualize thoughts and why we feel the way we feel and act the way we act? *The curiosity about human mind and its inner dynamics is a sign you might be interested in studying Psychology.* Psychology is a study of human behaviour, thoughts and emotions that influence such behaviour. It facilitates the shaping and moulding of the inner self and also dealing with the development of personality inside out, thus making the person an effective human being.

There is an increasing demand for Psychologist in different areas such as Schools, Colleges, Hospitals and Clinical settings, Industries and Organisations, Forensics, Defence, NGOs and Media field.

The graduate programme in Psychology offers a perfect blend of subjects of both fundamental and applied subjects such as General Psychology, Biological Psychology, Developmental Psychology, Theories of Personality, Statistics in Psychology, Health Psychology, Experimental Psychology, Abnormal Psychology, Social Psychology, Research Methodology, Guidance and Counselling, Cyber psychology, Sports psychology and many more. It prepares a student to diversify further into any course of choice in the field of psychology or its related fields for higher education or practice. *This programme offers unique opportunities to understand one's own self and others and in addition to enhance one's ability, to improve skills and competencies to bring out the inner potential.0*

2. PROGRAMME LEARNING OUTCOME:

(i).Nature and Extent of the Programme

The Bachelor of Science in Psychology is a 3-year degree full time course introducing students to various facets in Psychology. This program in Psychology will help students in demonstrating the acquisition of both factual knowledge and the ability to conceptualize and apply this knowledge to their own behaviour, to ways of interacting with others, and to their roles in the society. Students will understand and be able to apply principles of the scientific method and critical thinking. Psychologists contribute to the society's well-being by helping people understand their behaviours, emotions and managing them to lead a better lifestyle. The contribution of psychologists is present at every aspect of human life.

(ii).Aim of the Programme:

The program aims to impart fundamental knowledge in Psychology in order to understand one's own self and relate with others; enabling students to acquire professional and personal skills of living. Following the course of the program, students will be enabled to become professional psychologist and are prepared to be resilient and meet the challenges of life. The program further aims to create good citizenship qualities and be socially responsible individuals. Having personal integrity and understanding human values, they will be able to excel in their place of work. Further, it helps prepare the students to take professional careers in Psychology and opens avenues to branch out to specialization in different areas of Psychology. The student will have better prospects when applying for civil service examination.

(iii).Graduate attributes:

After completing the B.Sc Psychology course, students will be trained to inculcate the following attributes indicating a professional outlook to their discipline:

1. Disciplinary Knowledge
2. Interpersonal skills and understanding
3. Analytical and logical reasoning
4. Psychological assessment and report writing.

The subject focuses on reaching the young minds to understand and know self better. It paves the way to have an insight into the fundamental concepts of the mind and various

schools of thought in understanding human behaviour. Knowledge of the concepts of Psychology and its branches are useful for applying in the real life. Further, the students learn the practice of psychological assessment using the experimental method. The Domain includes appreciation of ethical principles of professional practices in human services. The subject serves as a catalyst and a facilitating platform to enhance human skills.

3. COURSE STRUCTURE:

FIRST SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Marks	Ext. Marks	Total
Part-I	Language Paper – I	6	3	25	75	100
Part-II	**BP2-ENG01-Communicative English I**	**3**	**3**	**50**	**50**	**100**
Part-III	BPY-DSC01-General Psychology–I	5	4	25	75	100
	BPY-DSC02-Biological Psychology-I	6	4	25	75	100
	BPY-DSA01-Introduction to Indian Psychology	6	5	25	75	100
Part-IV	Basic Tamil/Adv. Tamil/NME*	-	2	25	75	100
	BP4-EASS 01-English for Arts and Social Sciences I	**4**	**4**	**50**	**50**	**100**

* NME : Choose any one paper from the other department

SECOND SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Marks	Ext. Marks	Total
Part-I	Language Paper – II	6	3	25	75	100
Part-II	**BP2-ENG02-Communicative English II**	**3**	**3**	**50**	**50**	**100**
Part-III	BPY-DSC03-General Psychology–II	5	4	25	75	100
	BPY-DSC04-Biological Psychology-II	6	4	25	75	100
	BPY-DSA02-Introduction to Community Psychology	6	5	25	75	100
Part-IV	Basic Tamil/Adv. Tamil/ NME*	-	2	25	75	100
	BP4-EASS 02-English for Arts and Social Sciences II	**4**	**4**	**50**	**50**	**100**

THIRD SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Marks	Ext. Marks	Total
Part-I	Language Paper – III	6	3	25	75	100
Part-II	BP2-ENG03-Language Through Literature I	6	3	50	50	100
Part-III	BPY-DSC05-Developmental Psychology-I	5	4	25	75	100
	BPY-DSC06-Experimental Psychology	6	4	40	60	100
	BPY-DSA03-Statistics in Psychology	5	5	25	75	100
Part-IV	Environmental Studies	1	Examination will be held in Semester IV			
	Soft Skills	-	3	50	50	100

FOURTH SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Hrs	Ext. Marks	Total
Part-I	Language Paper – IV	6	3	25	75	100
Part-II	BP2-ENG04-Language Through Literature II	6	3	50	50	100
Part-III	BPY-DSC07-Developmental Psychology-II	5	4	25	75	100
	BPY-DSC08-Psychological Assessment	6	4	40	60	100
	BPY-DSA04-Consumer Behaviour and Advertising	5	5	25	75	100
Part-IV	Environmental Studies	1	2	25	75	100
	Soft skills	-	3	50	50	100

FIFTH SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Marks	Ext. marks	Total
Part-III	BPY-DSC09-Abnormal Psychology-I	6	4	25	75	100
	BPY-DSC10-Social Psychology-I	6	4	25	75	100
	BPY-DSC11-Introduction To Research Methodology	6	4	25	75	100
	BPY-DSC12-Health Psychology	6	4	25	75	100
	BPY-DSE01-Sports Psychology	5	5	25	75	100
Part-IV	Value Education	1	2	25	75	100

SIXTH SEMESTER

Course Content	Name of the Course	Ins. Hrs	Credits	Int. Marks	Ext. Marks	Total
Part-III	BPY-DSC13-Abnormal Psychology-II	6	4	25	75	100
	BPY-DSC14-Social Psychology-II	6	4	25	75	100
	BPY-DSC15-Introduction to Theories of Personality	6	4	25	75	100
	BPY-DSE02-Guidance and Counselling Psychology	6	5	25	75	100
	BPY-DSE03-Human Resource Management	6	5	25	75	100
Part-V	Extension Activities		1			

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Curriculum and Syllabus for Undergraduate Programme in Corporate Secretaryship

(With effect from the Academic Year 2020-21)

February 2020

Note: The Board of Studies Commerce and Allied Degree Courses is designed learning Outcome Based Curriculum Framework prescribed by UGC for **B.Com. Corporate Secretaryship** Programme.

Content

1. Preamble

2. Programme Learning Outcome

3. Course Structure

4. Course Learning Outcomes and Syllabus

   (i) Core Courses

   (ii) Allied Courses

   (iii) Elective Courses

1. PREAMBLE

The curriculum of B.Com (Corporate Secretaryship) is structured in a way that the students acquire in-depth knowledge in corporate affairs. The course provides a platform for the students to pursue Company Secretaryship as a profession. The comprehensive curriculum design bestows excellent career opportunities to explore new vistas in the present competitive corporate arena.

2. PROGRAM LEARNING OUTCOMES

The prime objective of the course is to create a world class academic environment in the field of commerce and business. The course will prepare the students to respond to the needs of the industry and administration.

a. NATURE AND EXTENT OF THE PROGRAMME

The Bachelor of Commerce with specialisation in Corporate Secretaryship is a three year degree course which introduces different facets of the Corporate World. The course inculcates factual and practical knowledge and with the ability to conceptualize and apply it in the present global corporate arena.

The course content is customised to provide an understanding of specific regulatory framework which has a direct bearing on the functioning of companies.

b. AIM OF THE PROGRAMME

To provide professional expertise in the field of Commerce/Corporate Studies. The course moulds the student through each phase of, the functioning of companies stressing key concepts and procedures.

To lay down a strong foundation on the basic concepts of Finance, Securities, Accounting and Legislations which enable the students to become conversant with various corporate constituents.

The Students will have better prospects to excel in professional and competitive examinations on completion of the course.

c. GRADUATE ATTRIBUTES

On completing the B.Com (CS) course, students will be equipped to inculcate the following attributes indicating a professional outlook in their discipline of study.

1. Proficient knowledge about laws, rules and regulations.
2. Interpretation of financial statements.
3. Interpersonal communication.

The Course helps the student to acquaint themselves with the theoretical and practical knowledge of the various managerial and secretarial aspects of business in general. It serves as a catalyst and a facilitating platform to enhance them to be independent and easily employable.

The main feature of the course is the Institutional Training which imparts job oriented skills to bridge the gap between academics & industrial requirements. Further, it creates a natural interest among the students on the dynamics of the Company and equips them to face the challenges in their future endeavours.

3. COURSE STRUCTURE

SEMESTER 1

Course Components	Paper	Name Of The Course	Credits	Ins.Hrs	Int. Marks	Ext. Marks	Total
PART I	Paper I	Language I	3	6	25	75	100
PART II	Paper I	**BP2-ENG01-Communicative English I**	**3**	**3**	**50**	**50**	**100**
PART III	Core1	BGE-CSC01 – Financial Accounting@	4	6	25	75	100
	Core2	BGE-CSC02 – Business Communication@	4	5	25	75	100
	Allied1	BCS-DSA01 - International Trade	5	6	25	75	100
PART IV		Basic Tamil/Advanced Tamil/NME-I[*]	2	-	25	75	100
		BP4-ECAM01- English for Commerce and Management I	**4**	**4**	**50**	**50**	**100**

*NME: Choose Any One the paper from the other Department

SEMESTER II

Course Components	Paper	Name Of The Course	Credits	Ins.Hrs	Int. Marks	Ext. Marks	Total
PART I	Paper II	Language II	3	6	25	75	100
PART II	Paper II	**BP2-ENG02-Communicative English II**	**3**	**3**	**50**	**50**	**100**
PART III	Core3	BGE-CSC03 – Advanced Financial Accounting@	4	6	25	75	100
	Core4	BCS-DSC04 – Corporate Management	4	6	25	75	100
	Allied2	BGE-CSA01 - Business Economics@	5	5	25	75	100
PART IV	SS2	**BP4-ECAM02- English for Commerce and Management II**	**4**	**4**	**50**	**50**	**100**
		Basic Tamil/Advanced Tamil/NME-II[*]	2	-	25	75	100

*NME: Choose Any One the paper from the other Department

SEMESTER III

Course Components	Paper	Name Of The Course	Credits	Ins.Hrs	Int. Marks	Ext. Marks	Total
PART I	Paper III	Language III	6	6	25	75	100
PART II	**Paper III**	**BP2-ENG03-Language Through Literature -I**	**3**	**6**	**50**	**50**	**100**
PART III	Core5	BGE-CSC05 – Corporate Accounting@	4	6	25	75	100
	Core6	BCS-DSC06 – Company Law and Secretarial Practice	4	6	25	75	100
	Allied3	BGE-CSA3A - Business Statistics@	5	6	25	75	100
PART IV	SS3	Soft Skills	3	-	50	50	100
		Environmental Studies		2	Examination will be held in semester IV		

SEMESTER IV

Course Components	Paper	Name Of The Course	Credits	Ins.Hrs	Int. Marks	Ext. Marks	Total
PART I	Paper IV	Language IV	6	6	25	75	100
PART II	**Paper IV**	**BP2-ENG04- Language Through Literature-II**	**3**	**6**	**50**	**50**	**100**
PART III	Core7	BGE-CSC09 – Advanced Corporate Accounting@	4	6	25	75	100
	Core8	BGE-CSC12 – Indirect Taxation@	4	5	25	75	100
	Allied4	BCS-DSA04 – Securities Laws & Market Operations	5	6	25	75	100
PART IV	SS4	Soft Skills	3	-	50	50	100
		Environmental Studies	2	2	25	75	100

SEMESTER V

Course Components	Paper	Name Of The Course	Credits	Ins.Hrs	Int. Marks	Ext. Marks	Total
PART III	Core9	BCS-DSC09 – Cost Accounting	4	6	25	75	100
	Core10	BCS-DSC10 - Corporate Governance and Ethics	4	6	25	75	100
	Core11	BGE-CSC06 – Business Laws@	4	5	25	75	100
	Core12	BGE-CSE1A – Income Tax Law & Practice – I@	4	6	25	75	100
	Elective1	BGE-CSC08 – Marketing@	5	5	25	75	100
PART IV	Value Education		2	2	25	75	100

SEMESTER VI

Course Components	Paper	Name Of The Course	Credits	Ins.Hrs	Int. Marks	Ext. Marks	Total
PART III	Core13	BCS-DSC13 – Industrial Laws	4	6	25	75	100
	Core14	BGE-CSC18 – Management Accounting@	4	6	25	75	100
	Core15	BGE-CSC19 – Entrepreneurial Development@	4	6	25	75	100
	Core16	BGE-CSE2A – Income Tax Law & Practice – II@	4	6	25	75	100
	Elective2	BCS-DSE02 – Institutional Training	5	6	20	80	100
PART V	Extension Activities		1				

@ - Common Subject of other B.Com Courses.

PATTERN OF QUESTION PAPER

Part	Total questions	Questions to be answered	Marks per Question	Total Marks
A (50 words)	12	10	2	20
B (200 words)	7	5	5	25
C (500 words)	3	5	10	30
Maximum Marks for End Semester External Examination				75

Note:

* The question shall cover 20% theory and 80% problems in the Practical Papers. Norm adopted by B.Com General is applicable for common practical papers.

* The question shall cover 80% provisions of Company Law and 20% relating to Secretarial duties for Company Law and Secretarial Practice.

LIST OF PAPERS WITH COMMON SYLLABUS FOR BOTH B.COM (CORPORATE SECRETARYSHIP) AND B.COM (GENERAL)
(As per the consensus of both the Board of Studies)

SEMESTER I

1. Financial Accounting
2. Business Communication

SEMESTER II

3. Advanced Financial Accounting
4. Business Economics

SEMESTER III

5. Corporate Accounting - I
6. Business Statistics

SEMESTER IV

7. Advanced Corporate Accounting
8. Indirect Taxation

SEMESTER V

9. Business Laws
10. Income Tax Law & Practice I
11. Marketing

SEMESTER VI

12. Management Accounting
13. Entrepreneurial Development
14. Income Tax Law & Practice II

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Undergraduate Programme in Commerce

Curriculum and Syllabus for

B.COM ACCOUNTING AND FINANCE

(With effect from the Academic Year 2020-21)

February 2020

Note: The Board of Studies Commerce and Allied Degree Courses is designed learning Outcome Based Curriculum Framework prescribed by UGC for Under Graduate **B.Com. Accounting and Finance** Programme.

Content

1. Preamble

2. Programme Learning Outcome

3. Course Structure

4. Course Learning Outcomes and Syllabus

   (i) Core Courses

   (ii) Allied Courses

   (iii) Elective Courses

I. Preamble

Commerce is a subject used in different ways in different contexts. For a Business World, Commerce is the information about the Economy. For the manager of a manufacturing unit, Business unit Commerce may be the information about the planning, processing and finally Decision making control. For an entire Business World, Marketing investigating is the effects of a new product. An account is the evidence of Business efforts. For a college student, Commerce shows the grades or marks scored in a course. Thus, in all these subjects, Commerce refers to quantitative and qualitative data in the areas under study. Commerce is a subject is an important subject which is an branch of knowledge and is devoted to various techniques used in day to day life, like preparation of accounts analysis and interpretation of profit and losses. It is a science of learning from day to day economical routine happening in every part of the world. The subject provides tools for making decisions when conditions of uncertainty prevail. Hence Commerce is a tools and techniques are used in almost all fields which are indispensable for people working in fields like Industry, business, management, economics, finance, insurance, education, Direct and Indirect taxation, communication, Banking ,Law, Logistics and supply chain, Entrepreneurial Development etc. For the last two decades, large amount of data has been handled with the help of computers and more sophisticated statistical techniques can be used in an effective manner to draw valid Business decisions making. Knowledge of different aspects of Commerce has become crucial in the present scenario. There is a continuous demand for commerce people in fields of Business education, industry, software, Market research, Banking and stock Market. The syllabi of three-year B.Com& Allied degree course in Commerce are framed in such a way that the students at the end of the course, can be thorough in commercial techniques for pursuing higher studies and simultaneously can apply various subjects judiciously to a variety of subject sets to arrive at some valid solutions.

II.Course Structure

Some of the subjects are brought with updated changes in Law, Computer, Taxation, Banking, Entrepreneurial Development etc.

COURSE STRUCTURE:

SEMESTER I

Course content	Name of subject	Ins Hrs	Credits	CIA	External	Total
PART-I	Tamil/Other Language Paper – I	6	3	25	75	100
PART-II	**BP2-ENG01-Communicative English-I**	**3**	**3**	**50**	**50**	**100**
PART-III	BGE-CSC01 - Financial Accounting@	6	4	25	75	100
	BAF-DSC02 – Financial Planning & Performance	6	4	25	75	100
	BAF-DSA01 - Business Mathematics-I **(OR)** BGE-CSC02 - Business Communication	5	5	25	75	100
PART-IV	Basic Tamil / Advanced Tamil / **NME***	-	2	25	75	100
	BP4-ECAM01-English for Commerce and Management-I	**4**	**4**	**50**	**50**	**100**

*NME: Choose any one Paper from the other Department.

SEMESTER II

Course content	Name of subject	Ins hrs	Credits	CIA	External	Total
PART-I	Tamil/Other Language Paper – II	6	3	25	75	100
PART-II	**BP2-ENG02-Communicative English-II**	**3**	**3**	**50**	**50**	**100**
PART-III	BGE-CSC03 - Advanced Financial Accounting@	6	4	25	75	100
	BGE-CSC04 - Principle of Management@	6	4	25	75	100
	BAF-DSA2A - Business Mathematics–II **(OR)** BAF-DSA2B – Financial Analytics and Control	5	5	25	75	100
PART-IV	Basic Tamil / Advanced Tamil / NME*	-	2	25	75	100
	BP4-ECAM02-English for Commerce and Management-II	**4**	**4**	**50**	**50**	**100**

*NME: Choose any one Paper from the other Department.

SEMESTER III

Course content	Name of subject	Ins hrs	Credits	CIA	External	Total
PART III	BAF-CSC05 - Corporate Accounting@	6	4	25	75	100
	BAF-DSC06 - Financial Reporting	5	4	25	75	100
	BGE-CSC07 - Banking Theory Law and Practice@	5	4	25	75	100
	BGE-CSC08 – Marketing@	5	4	25	75	100
	BGE-CSA3A - Business Statistics@ **(OR)** BGE-CSA3B - Rural Economics@	6	5	25	75	100
PART IV	Environmental Studies	1	**Examination will be held in Semester IV**			
	Soft Skills	2	3	50	50	100

SEMESTER IV

Course content	Name of subject	Ins Hrs	Credits	CIA	Ext	Total
PART-III	BGE-CSC09 - Advanced Corporate Accounting@	6	4	25	75	100
	BAF-DSC10 – Corporate & Business Law	5	4	25	75	100
	BAF-DSC11 – Working Capital Management	5	4	25	75	100
	BGE-CSC12 - Indirect Taxation@	5	4	25	75	100
	BGE-CSA4A - Elements of Operations Research@ **(OR)** BGE-CSA4B - International Economics@	6	5	25	75	100
PART-IV	Environmental Studies	1	2	25	75	100
	Soft Skills	2	3	50	50	100

SEMESTER V

Course content	Name of subject	Ins Hrs	Credit	CIA	Ext.	Total
PART-III	BGE-CSC13 - Elements of Cost Accounting@	6	4	25	75	100
	BGE-CSC14 - Practical Auditing@	6	4	25	75	100
	BGE-CSE1A - Income tax law & Practice – I@	6	4	25	75	100
	BGE-CSC16 - Financial Management@	5	4	25	75	100
	BGE-CSE3B - Portfolio Management@ **(OR)**	6	5	25	75	100
	BGE-CSE1B - Visual Basic Programming@	6	5	40	60	100
PART-IV	Value Education	1	2	25	75	100

SEMESTER VI

Course content	Name of subject	Ins Hrs	Credits	CIA	Ext	Total
PART-III	BGE-CSC17 - Advanced Cost Accounting@	6	4	25	75	100
	BGE-CSC18 - Management Accounting@	6	4	25	75	100
	BGE-CSE2A - Income Tax law& Practice-II@	6	4	25	75	100
	BGE-CSC19 - Entrepreneurial Development@ **(OR)**	6	5	25	75	100
	BGE-CSE2B - Visual Basic Practical@	6	5	40	60	100
	BAF-DSE3A - Capital Markets **(OR)** BGE-CSC11 - Financial Services@	6	5	25	75	100
PART-V	Extension Activities		1			

@ Common Subjects of other B.Com Degree Courses.

III. Course Learning Outcomes and Syllabus

Given under each subjects.

IV. Programme Learning outcomes:

Students will acquire

a) Knowledge of Commerce and its scope and importance in various areas such as Production, Distribution, Stock Market, commodity market, Marketing, Agricultural, Industrial, Banking, Law and Social Sciences etc.
b) Information about various Forms of Commercial organizations in India and their functions for societal developments,
c) Knowledge of various types of Business Units, their organization and evaluation of summary measures such as Profit and losses, Fund flow and cash flow, Changes in Direct and Indirect taxes, New venture of Business and new handling of Business Data.
d) Knowledge of other Allied Subjects reflecting quality characteristics including concepts of Various Subjects.
e) Insights into preliminary exploration of different subjects.
f) Knowledge of Law, statistics, Operation Research, cost accounts, Management accounting, Financial and corporate accounts and other updated Taxes etc.

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Undergraduate Programme in Historical Studies

Curriculum and Syllabus for

B.A. Historical Studies

(With effect from the Academic Year 2020-21)

February 2020

Note: The BOS in History (Common) is designed Learning Outcome Based Curriculum Framework of under Graduate in historical studies Programme Prescribed by the UGC

PREAMBLE

B.A. HISTORY

History is the study of past events and occurrences which have helped in shaping up a civilization. The study of history helps an individual to understand culture and society, and gives an in-depth view of the world. This eventually helps in understanding the factors which affected the development of a civilization like culture, economy, religion, power, etc. The duration for Bachelor of Arts (B.A.) in History is three years. The eligibility for the course is the Higher Secondary Certificate qualification from a recognized board with a minimum aggregate of 40% marks.

This course intends to provide a thorough understanding of historical concepts, sources, political, social, economic and cultural aspects of national and world history. The programme is designed in such a way that the study of history moves from general to specific encompassing phases of Indian and World history. Apart from the compulsory History courses, students also have to study a minimum of two Concurrent courses. The concurrent courses vary from a range of Language papers to subjects from humanities.

The course delivery methods for Bachelor of Arts in History include Classroom Lecture, Discussion, Group Presentation, Quiz and Assignments. The scheme of Assessment is generally based on class participation and performance in an examination held at the end of a Semester. The weightage given to different criteria for assessment viz., Theory Examination – 75% and Internal Assessment 25%.

B.A. History course is an apt course for history enthusiast and for those who have an affinity to learn about the culture and civilization of a bygone era. This course is also ideal for students who wish to pursue a career in fields like anthropology, archaeology, public administration, etc. Besides, a career in academics, this course will help prepare for government services including civil services. Although BA students do not have to spend time in laboratories like their counterparts in the science stream, BA students need to devote extensive time in studying reading materials and have to spend considerable time in the library and visiting historical sites for references. So students who have the zeal and vigour to learn history coulld opt for this course. The students, after completion of the course will be able to choose from a wide range of career opportunities in legal and historical institutions and also in private sectors.

B.A. HISTORY – THRUST AREAS OF TEACHING

- Indian History
- Tamil Nadu History
- Freedom Movement
- Contemporary Indian History
- Contemporary Tamil Nadu History
- Indian Constitution
- India and SAARC Countries
- Madras History
- Tourism
- Archaeology
- Women's Studies
- Human Rights
- European History
- American History
- History of East Asia

B.A. HISTORY – CAREER PROSPECTS

Graduates with a Bachelor of Arts degree in History can find employment in multiple public and private sector fields. Some of the fields which employ BA History degree holders are:

- Archaeologist
- Archivist
- Auctioneer
- BPO/KPO
- Historian
- NGOs
- Private Sector
- PSBs
- Public Service
- Social Worker
- Teacher
- Travel and Tourism Expert
- Writer/Subject Matter Expert

COURSE STRUCTURE

First Semester

Course Component	Name of the Paper	Credits	Ins Hrs	Max Marks		Total
				Int	Ext	
PART I	Language Paper -I	3	4	25	75	100
PART II	English Paper-II	3	4	25	75	100
PART III	**BHS-DSC01-**History of Ancient India up to 1206 CE (From 2020-2021 to 2022-2023)	4	5	25	75	100
	BHS-DSC01/R-History of Ancient India up to 1206 CE (From 2023-2024)					
	BHS-DSC02-History of Tamil Nadu up to 850 CE (From 2020-2021 to 2022-2023)	4	5	25	75	100
	BHS-DSC02/R - History of Tamil Nadu up to 850 CE (From 2023-2024)					
	Allied Paper I: Choose any one from the list	5	6	25	75	100
PART IV	Basic Tamil / Adv. Tamil / **NME***	2	2	25	75	100
	Soft Skill – I	3	2	50	50	100
SEMESTERWISE CREDITS TOTAL		**24**				

* NME Choose any one paper from the other department

Second Semester

Course Component	Name of the Paper	Credits	Int. Hrs	Max Marks		Total
				Int.	Ext.	
PART I	Language Paper – II	3	4	25	75	100
PART II	English Paper – II	3	4	25	75	100
PART III	**BHS-DSC03-**History of Early Medieval India 1206 - 1526CE (From 2020-2021 to 2022-2023)	4	5	25	75	100
	BHS-DSC03/R-History of Early Medieval India 1206 - 1526CE (From 2023-2024)					
	BHS-DSC04-History of Tamil Nadu 850 - 1565CE (From 2020-2021 batch only)	4	5	25	75	100
	BHS-DSC04A-History of Tamil Nadu 850 - 1565CE (From 2021-2022 to 2022-2023)					
	BHS-DSC04/R-History of Tamil Nadu 850 - 1565CE (From 2023-2024)					
	Allied Paper II Choose any one from the list	5	6	25	75	100
PART IV	Basic Tamil / Adv Tamil / **NME ***	2	2	25	75	100
	Soft Skill – II	3		50	50	100
SEMESTERWISE CREDITS TOTAL		**24**				

* NME Choose any one paper from the other department

Third Semester

Course Component	Subjects	Credits	Inst Hours	Maximum Marks		
				Int	Ext	Total
Part I	Language Paper III	3	4	25	75	100
Part II	English Paper III	3	4	25	75	100
Part III	**BHS-DSC05-**History of Later Medieval India 1526-1707CE (From 2020-2021 to 2022-2023)	4	5	25	75	100
	BHS-DSC05/R-History of Medieval India 1526-1707CE (From 2023-2024)					
	BHS-DSC06-History of Tamil Nadu 1565-1858 CE (For 2020-2021 batch only)	4	5	25	75	100
	BHS-DSC06A-History of Tamil Nadu 1565-1858 CE (From 2021-2022 to 2022-2023)					
	BHS-DSC06/R-History of Tamil Nadu 1565-1806 CE (From 2023-2024)					
	Allied Paper – III Choose any one from the list	5	6	25	75	100
Part IV	Soft Skill III	3	2	25	75	100
	Environmental Studies		2	Examination will be held in IV Sem.		
SEMESTERWISE CREDITS TOTAL		**22**				

Fourth Semester

Course Component	Subjects	Credits	Instr Hours	Maximum Marks		
				Int.	Ext	Total
Part I	Language Paper IV	3	4	25	75	100
Part II	English Paper IV	3	4	25	75	100
Part III	**BHS-DSC07 -** History of Modern India 1707-1857 CE	4	5	25	75	100
	BHS-DSC08 - Freedom Movement in Tamil Nadu, 1858 – 1947 CE (From 2020-2021 to 2022-2023)	4	5	25	75	100
	BHS-DSC08/R-Freedom Movement in Tamil Nadu, 1806 – 1947 CE (From 2023-2024)					
	Allied Paper – IV Choose any one from the list	5	6	25	75	100
Part IV	Soft Skill IV	3	2	25	75	100
	Environmental Studies	2	2	25	75	100
Total Credits		**24**				

Fifth Semester

Course Component	Subjects	Credits	Inst Hours	Maximum Marks		
				Int	Ext	Total
Part – III	**BHS-DSC09 -** Indian National Movement 1858-1947CE	4	4	25	75	100
	BHS-DSC10 - Contemporary Tamil Nadu 1947-2016CE	4	4	25	75	100
	BHS-DSC11 - History of Civilization (excluding India)	4	5	25	75	100
	BHS-DSC12 - History of Modern Europe 1789-1919CE	4	5	25	75	100
	Elective Paper – I Choose any one from the list	5	6	25	75	100
Part –IV	Value Education	2	2	25	75	100
SEMESTERWISE CREDITS TOTAL		**23**				

Sixth Semester

Course Components	Subjects	Credits	Inst Hours	Maximum Marks		
				Int	Ext	Total
Part III	**BHS-DSC13 -** Contemporary India 1947-2019 CE	4	4	25	75	100
	BHS-DSC14 - Indian Constitution	4	4	25	75	100
	BHS-DSC15-History of USA, 1945–2000 CE	4	5	25	75	100
	Elective Paper – II Choose any one from the list	5	5	25	75	100
	Elective Paper – III Choose any one from the list	5	6	25	75	100
Part V	Extension Activities	1				
SEMESTERWISE CREDITS TOTAL		**23**				

LIST OF ALLIED PAPERS

BHS-DSA01	Principles of Political Science
BHS-DSA02	Geography of India
BHS-DSA03	Basics of Archaeology
BHS-DSA04	Outlines of Indian Philosophy
BHS-DSA05	Principles of Public Administration.
BHS-DSA06	Archives Keeping

LIST OF ALLIED FOR OTHER MAJORS

BHS-CSA01	Indian Culture and Heritage
BHS-CSA02	History of Modern India 1858-1947 CE

LIST OF NME PAPERS

BHS-NME01	Basic Principles of Indian Constitution
BHS-NME02	Makers of Modern Tamil Nadu
BHS-NME03	Social Legislations for Women
BHS-NME04	Performing Arts in Tamil Nadu

LIST OF ELECTIVE PAPERS

BHS-DSE01	Tourism and Travel Management
BHS-DSE02	Modern Journalism: Principles and Practices
BHS-DSE03	Environmental History of India
BHS-DSE04	History of Science and Technology in Modern India
BHS-DSE05	Women's Studies
BHS-DSE06	Studies in Human Rights
BSY-CSE04	Social Justice

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**Undergraduate Programme
In Sociology**

**Curriculum and Syllabus for
B.A Sociology**
(With effect from the Academic Year 2020-21)

February 2020

**Note: The Committee is designed Learning Outcome Based Curriculum Framework
of Under Graduate Sociology Programmes prescribed by UGC**

I. Preamble

Sociology is the scientific study of society, sociology involves in the study of the social lives of people, groups, and societies. It is the study of our behaviour as social beings as it is the scientific study of social aggregations, the entities through which humans move throughout their lives. Sociology is an overarching unification of all studies of humankind, including history, psychology and economics. Sociology provides many distinctive perspectives in the world, generating new ideas and critiquing the old. The field also offers a range of research techniques that can be applied to any aspect of social life. Sociologists understand social inequality, patterns of behaviour, forces for social change and resistance, and how social systems work. sociology is an exciting discipline with expanding opportunities for a wide range of career paths. A degree in sociology is an excellent springboard for entering into government and private sectors such as industry and organizations. Hence career opportunities available to those with a sociology degree are numerous and diverse. A sociology degree opens various avenues for further progression by pursuing higher degrees too. Obtaining a bachelor's degree in sociology enables the student to become educator and researcher. Practicing sociologists who have advanced degrees can also become research analysts, survey researchers, urban planners, community developers, social policy analysts, social project managers, HR professionals, media researchers etc,.

II. Programme learning outcome

1. Nature and Extent of the programme

A three year bachelor degree in sociology helps to acquire the knowledge on structure and functions of society, the basic social institutions, Indian social system by understanding social mind of society. To focus on the functioning of the primitive and modern, rural and urban society and its problems that affects community health. Being Aware on the contributions of social thinkers towards the development of social thought. know the social aspects of political system, impact of population on society and research methodologies. Develop a clear cut idea on the developmental strategies of industries and its global impact.

2. Aim of the programme

To provide basic sociological knowledge in a student centric, teaching learning environment. The qualified and experienced staff helps students to get a clear knowledge of sociology and its various branches. We strive to equip our students with skills to enter the labour markets or move on to higher level training in various fields.

3. Graduate attributes

Sociology is a valuable major for students planning careers in social research, counseling and social work, criminal justice, population studies, business and market research. In addition, the program provides them with a strong preparation for post graduation in law, community planning, public administration, and criminology and labour studies.

III. Course structure

- Develop awareness towards the primary concepts of Sociology, related to its origin, basic social institutions; social groups its evolution, progression and deterioration.

- Create awareness on the unique features of Indian social system, its caste system, forms of marriage and family, social problems and changes.

- Identify the characteristics of social problems, types, causes and the extent of crime in India.

- Develop attitude over the dynamics of personality types and traits through socio psychological and anthropological knowledge.

- Obtain knowledge towards the contribution of the pioneers of classical sociology and modern social thinkers to sociological thought.

- Establish the awareness on population explosion and its impacts over global developmental strategies.

1

- Analyse the impact of urban and rural societies in the social processes.

- Aware on the conflicts prevailing in the Bureaucratic and Industrial world.

- Obtain knowledge on the necessities and importance of political institutions and social movements.

- Familiar with social dimensions of health, hygiene, epidemiology of communicable and non-communicable diseases.

- Aware on the three main motives of mass communication i.e. read, understand and react.

- Observe and apply the quantitative and quantitative methods in research aimed at finding out solutions for various social issues.

COURSE STRUCTURE:

FIRST SEMESTER

Course components	Subjects	Credits	Inst. Hours	Max Marks		
				Ext.	Int.	Total
Part-I	Language Paper-I	3	6	75	25	100
Part-II	**BP2-ENG01-Communicative English I**	**3**	**3**	**50**	**50**	**100**
Part-III	BSY-DSC01-Principles of Sociology-I	4	5	75	25	100
	BSY-DSC02-Indian Society	4	6	75	25	100
	BSY-DSA01-Social Psychology	5	6	75	25	100
Part-IV	Basic Tamil/Adv. Tamil /*NME	2	-	75	25	100
	BP4-EASS 01- English for Arts and Social Sciences I	**4**	**4**	**50**	**50**	**100**

* NME: Choose any one from other department

SECOND SEMESTER

Course components	Subjects	Credits	Inst. Hours	Max Marks		
				Ext.	Int.	Total
Part-I	Language Paper II	3	6	75	25	100
Part-II	**BP2-ENG02-Communicative English II**	**3**	**3**	**50**	**50**	**100**
Part-III	BSY-DSC03-Principles of Sociology II	4	6	75	25	100
	BSY-DSC04-Social Pathology	4	6	75	25	100
	BSY-DSA02-Social Anthropology	5	6	75	25	100
Part-IV	Basic Tamil/Adv.Tamil.NME *	2	-	75	25	100
	BP4-EASS 02- English for Arts and Social Sciences II	**4**	**4**	**50**	**50**	**100**

* NME: Choose any one from other department

THIRD SEMESTER

Course components	Subjects	Credits	Inst. Hours	Max Marks		
				Ext.	Int.	Total
Part-I	Language Paper- III	3	6	75	25	100
Part-II	BP2-ENG03-Language Through Literature I	3	6	50	50	100
Part-III	BSY-DSC05-Sociological Thinkers-I	4	6	75	25	100
	BSY-DSC06-Social Movements In India	4	6	75	25	100
	BSY-DSA03-Organizational Behaviour	5	6	75	25	100
Part-IV	Soft skills	3	-	50	50	100
	Environmental Studies		Examination will be held in IV Semester			

FOURTH SEMESTER

Course components	Subjects	Credits	Inst. Hours	Max Marks		
				Ext.	Int.	Total
Part-I	Language Paper IV	3	6	75	25	100
Part-II	BP2-ENG04-Language Through Literature II	3	6	50	50	100
Part-III	BSY-DSC07-Sociological Thinkers-II	4	6	75	25	100
	BSY-DSC08-Research Methodology and Statistics	4	6	75	25	100
	BSY-DSA04-Population Studies	5	6	75	25	100
Part-IV	Environmental Studies	2	-	75	25	100
	Soft Skills	3	-	50	50	100

FIFTH SEMESTER

Course components	Subjects	Credits	Inst. Hours	Max Marks		
				Ext.	Int.	Total
Part-III	BSY-DSC09-Rural Sociology	4	6	75	25	100
	BSY-DSC10-Urban Sociology	4	6	75	25	100
	BSY-DSC11-Industrial Sociology	4	6	75	25	100
	BSY-DSC12-Sociology of Development	4	6	75	25	100
	BSY-DSE01-Gender Studies	5	6	75	25	100
Part-IV	Value Education	2	-	75	25	100

SIXTH SEMESTER

Course components	Subjects	Credits	Inst. Hours	Max Marks		
				Ext.	Int.	Total
Part-III	BSY-DSC13-Human Resource Management	4	6	75	25	100
	BSY-DSC14-Social Gerontology	4	6	75	25	100
	BSY-DSC15-Sociology of Media	4	6	75	25	100
	BSY-DSE02-Sociology of Religion	5	6	75	25	100
	BSY-DSE03-Corporate Social Responsibility	5	6	75	25	100
Part-V	Extension Activities	1				

சென்னைப் பல்கலைக்கழகம்

முதுகலை - தமிழ்

(CHOICE BASED CREDIT SYSTEM)

M.A. TAMIL

Syllabus

		Semester	Semester
Part – I	First Year	Semester I	Semester II
Part – II	Second Year	Semester III	Semester IV

Programme Outcomes MA -Tamil	
PO 1	பழந்தமிழ் இலக்கியங்கள், இலக்கணங்கள் தொடங்கி இக்கால இலக்கியங்கள் வரை ஆழமாகப் பயின்று தமிழ்மொழிப் பரப்பில் ஆழ்ந்த புலமையைப் பெறுவர்.
PO 2	புதிய இலக்கியப் படைப்புகளை உருவாக்கும் ஆற்றலைப் பெறுவதோடு இலக்கியங்களைத் திறனாய்ந்து நோக்கும் ஆற்றலையும் பெறுவர்.
PO 3	கற்பனை ஆற்றலையும் திறனாய்வுப் பார்வையையும் மொழியமைப்பை நுட்பமாக நோக்கும் திறனையும் வளர்த்துக்கொள்வர்.
PO 4	பண்பாட்டு விழுமியங்களை அறிந்துகொள்வர்.
PO 5	சமூகம், பண்பாடு, இலக்கியம், கலாச்சாரம் சார்ந்த சிக்கல்களைப் பகுத்தறிந்து புரிந்துகொள்ளவும் அவற்றைத் திறன்படக் கையாளவும் திறன் பெற்றவராவர்.

UNIVERSITY OF MADRAS
SYLLABUS FOR M.A. TAMIL

பருவம் 1

Course Code	Title of the Course	C/E/S/I	Credits
	இக்கால இலக்கியம் – 1	C	4
	அற இலக்கியம்	C	4
	சிற்றிலக்கியம்	C	4
	தொல்காப்பியம்-பொருளதிகாரம் - 1	C	4
	அயலகத் தமிழ் இலக்கியம்	E-1	3
	Soft Skill – 1 (Language and Communication)	S-1	3

பருவம் 2

Course Code	Title of the Course	C/E/S/I	Credits
	இக்கால இலக்கியம் – 2	C	4
	பக்தி இலக்கியம்	C	4
	காப்பியம்	C	4
	தொல்காப்பியம்-பொருளதிகாரம் - 2	C	4
	பொது மொழியியல்	E-2	3
	நாட்டார் வழக்காற்றியல்	E-3	3
	Soft Skill – 2 (Spoken and Presentation Skills)	S-2	2
	Internship (Summer Training)	I	

பருவம் 3

Course Code	Title of the Course	C/E/S/I	Credits
	சங்க இலக்கியம் – 1	C	4
	தொல்காப்பியம்-எழுத்ததிகாரம் - 1	C	4
	தொல்காப்பியம்-சொல்லதிகாரம் - 1	C	4
	இலக்கியத் திறனாய்வும் கொள்கைகளும்	C	4
Extra Disciplinary	பெரியாரியல்	E-4	3
	ஒப்பிலக்கியம்	E-5	3
	Essentials of Spoken and Presentation Skills	S-3	2

பருவம் 4

Course Code	Title of the Course	C/E/S/I	Credits
	சங்க இலக்கியம் – 2	C	4
	தொல்காப்பியம்-எழுத்ததிகாரம் – 2	C	4
	தொல்காப்பியம்-சொல்லதிகாரம் - 2	C	4
Extra Disciplinary	பதிப்பியல்	E-6	4
	ஆய்வியல் நெறிமுறைகள்	E-7	3
	Soft Skill – 4 (Computing Skills Basic)	E	3

UNIVERSITY OF MADRAS

M.A. DEGREE COURSE IN ENGLISH
CHOICE BASED CREDIT SYSTEM
REVISED REGULATIONS
(w.e.f. 2022- 2023)

PROGRAMMER SPECIFIC OUTCOMES

On successful completion of this MA English course, the students will be able to achieve the following,

1. A profound comprehension about the diverse English literature and a critical approaching towards those literature and translations.
2. Critically analyze a text both from the historical and contemporary social perspective.
3. Capability to present their ideas in a brief and lucid way.
4. Developing a research framework and presenting their independent ideas effectively.
5. Equipping their employability skills to excel in professions like teaching and exposing them to various activities to empower them through communication skills.
6. Enabling a holistic perspective towards the socio-political inequalities and environmental issues.

Overall weightage for a course is ranked as 3=strong, 2=average, 1=weak, --- (Not applicable)

Course of Study and Scheme of Examinations

FIRST SEMESTER

Course Components	TITLE OF THE SUBJECT	Hours	Credits	Int.	Ext.	Total
CORE1	POETRY I – From Chaucer to 17th Century	6	4	25	75	100
CORE2	DRAMA I – Elizabethan and Jacobean and Drama	6	4	25	75	100
CORE3	FICTION I – Origins and Developments up to 18th Century	6	4	25	75	100
CORE4	Indian Writing in English and in Translation	6	4	25	75	100
Elective1	World Classics	4	3	25	75	100
Soft Skills–I		--	2	40	60	100

SECOND SEMESTER

Course Components	TITLE OF THE SUBJECT	Hours	Credits	Int.	Ext.	Total
CORE5	American Literature	5	4	25	75	100
CORE6	POETRY II – Eighteenth to Nineteenth Century	5	4	25	75	100
CORE7	Drama II - Restoration to Twentieth Century	6	4	25	75	100
CORE8	Fiction II – Nineteenth to Twentieth Century	6	4	25	75	100
Elective2	English for Careers	3	3	25	75	100
Extra-Disciplinary1	Copy Editing	3	3	25	75	100
Soft Skills–II		2	2	40	60	100

THIRD SEMESTER

Course Components	TITLE OF THE SUBJECT	Hours	Credits	Int.	Ext.	Total
CORE9	Shakespeare Studies	6	4	25	75	100
CORE10	Linguistics and English Language Teaching	6	4	25	75	100
CORE11	Literary Criticism and Literary Theory	6	4	25	75	100
Elective3	Introduction to Translation Studies	3	3	25	75	100
Elective4	Literature Analysis, Approaches and Applications	3	3	25	75	100
ED2	Extra-Disciplinary - Theatre for Communication	2	3	25	75	100
Soft Skills–III		2	2	40	60	100
Internship	**	2	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	TITLE OF THE SUBJECT	Hours	Credits	Int.	Ext.	Total
CORE12	Twenty first Century Millennial Literature and Culture	6	4	25	75	100
CORE13	Women Studies	6	4	25	75	100
CORE14	Film Appreciation	6	4	25	75	100
CORE15	Research Methodology and Project Writing	4	6	25	75	100
Elective4	English Literature for NTA, NET, SET & GATE	6	3	25	75	100
Soft Skills–IV			2	40	60	100

Research Methodology and Project Writing

Course Description

Aim of project writing is to introduce the students to the writing style like Rewriting, Drafting, Revising, Editing and Paraphrasing Techniques. This project writing will help the students to Learn about Research Methodology, Literature review, and the methods to avoid Plagiarism.

Learning Outcome Index: Mapping of Program with Courses

Program Outcomes	Core Courses				
	CO 1	CO 2	CO 3	CO 4	CO 5
Outcomes 1	X				
Outcomes 2		X			
Outcomes 3			X		
Outcomes 4				X	
Outcomes 5					X
Outcomes 6					
Overall Weightage for this course					

Theory Papers: Internal Marks 25
Best Two tests out of 3   15 marks
Attendance   5 marks
Assignment/Seminar   5 marks

Project:
External Viva/project   60 marks
Internal   40 marks

Soft skills (Existing syllabus)
Internal   60
External   40
Total Credits   8

PATTERN OF QUESTION PAPER:
PART –A (50 words): Answer 10 out of 15 Questions   10 x 1 = 10 marks
PART –B (200 words): Answer 5 out of 7 Questions   5 x 5 = 25 marks
PART –C (500 words): Answer 4 out of 6 Questions   4 x 10 = 40 marks
*****

S.SENATE. SEPT'2022

UNIVERSITY OF MADRAS

M.Sc. DEGREE COURSE IN MATHEMATICS
CHOICE BASED CREDIT SYSTEM
REGULATIONS
(w.e.f.2022-23)

Programme Outcomes at Postgraduate

Level Postgraduates will be able to:

PO1 : Demonstrate intense knowledge in their discipline.

PO2 : Exhibit specialized skills to plan, analyze and draw conclusions related to their respective field of study in theory and in practice.

PO3 : Develop expertise in their field of study through projects and research activities.

PO4 : Prepare themselves to incorporate new technologies in their own discipline and demonstrate excellence in their area of specialization.

PO5 : Develop social and ethical responsibility in the transfer and management of knowledge.

Programme Outcomes at Research Level

Research scholars will be able to:

PO1 : Develop and demonstrate deep knowledge in the field of study to become globally competent.

PO2 : Manage information, undertake investigations, conduct field study, do accurate document, network with experts and mobilize resources and skills.

PO3 : Develop and exhibit scientific temper and adopt professional code of conduct in pursuit of research activities.

Programme Specific Outcome
Mathematics Majors should:

PO1 : Apply the knowledge of mathematical concepts in interdisciplinary fields. Understand the nature of abstract mathematics and explore the concepts in further details.

PO2 : Identify challenging problems in mathematics and find appropriate solutions.

PO3 : Pursue research in challenging areas of pure/applied mathematics. Employ confidently the knowledge of mathematical software and tools for treating the complex mathematical problems and scientific investigations.

PO4 : Comprehend and write effective reports and design documentation related to mathematical research and literature, make effective presentations. Qualify national level tests like NET/GATE etc.

PO5 : Effectively communicate and explore ideas of mathematics for propagation of knowledge and popularization of mathematics in society.

Scheme of Examinations:

Semester – I

Course Components / Title of the course	Duration (Hours)	Credits	Marks CIA	Marks UE	Total
Core Paper – I - Algebra – I	6	4	25	75	100
Core Paper – II - Real Analysis – I	6	4	25	75	100
Core Paper – III - Ordinary Differential Equations	6	4	25	75	100
Core Paper – IV -Graph Theory	6	4	25	75	100
Elective Paper – I - (Choose One from Group – A)	4	3	25	75	100
Soft Skill Paper – I	3	2	40	60	100

Group – A (Elective Paper- I)

1. Formal Languages and Automata Theory

2. Discrete Mathematics

3. Fuzzy Sets and Applications

Semester – II

Course Components / Title of the course	Duration (Hours)	Credits	Marks CIA	Marks UE	Total
Core Paper – V - Algebra – II	6	4	25	75	100
Core Paper – VI - Real Analysis – II	6	4	25	75	100
Core Paper – VII - Partial Differential Equations	6	4	25	75	100
Core Paper – VIII – Probability	6	4	25	75	100
Elective Paper – II - (Choose ONE from Group – B)	4	3	25	75	100
Extra Disciplinary – I - (Choose any ONE)	4	3	25	75	100
Soft Skill Paper – II	3	2	40	60	100
Internship*	3	2			

Group – B (Elective Paper-II)

1. Mathematical Programming

2. Wavelets

3. Combinatorics

Extra Disciplinary- I

1. Mathematical Economics

2. Programming in C^{++}

3. Financial Mathematics

* 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.

Semester – III

Course Components / Title of the course	Duration (Hours)	Credits	Marks		Total
			CIA	UE	
Core Paper – IX-Complex Analysis – I	6	4	25	75	100
Core Paper – X-Topology	6	4	25	75	100
Core Paper – XI-Operations Research	6	4	25	75	100
Core Paper – XII-Mechanics	6	4	25	75	100
Elective Paper – III-(Choose ONE from Group – C)	4	3	25	75	100
Extra Disciplinary- II-(Choose any ONE)	4	3	25	75	100
Soft Skill Paper - III	3	2	40	60	100

Group- C (Elective Paper– III)   Extra Disciplinary II
1. Algebraic Theory of Numbers   1.Java Programming
2. Number Theory and Cryptography   2.Data Structures and Algorithms
3. Stochastic Processes

Semester – IV

Course Components / Title of the course	Duration (Hours)	Credits	Marks		Total
			CIA	UE	
Core Paper – XIII- Complex Analysis - II	6	4	25	75	100
Core Paper – XIV- Differential Geometry	6	4	25	75	100
Core Paper – XV- Functional Analysis	6	4	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	3	2	40	60	100

Group – D (Elective Paper– IV)Group- E (Elective Paper- V)
1. Fluid Dynamics   1. Tensor Analysis and Relativity
2. Mathematical Statistics   2. Mathematical Physics
3. Algebraic Topology   3. Calculus of Variations and
   Integral Equations.

Question Paper Pattern from the academic year 2022-2023

Time **THREE** Hours   Max marks **75**

Part A

Answer **ALL** questions   (20 × 1 = 20 marks)
- Only objective type allowed
- Definitions should not be asked.

Part B

Answer any **FIVE** questions out of **SEVEN**   (5 × 5 = 25 marks)

Part C

Answer any **THREE** questions out of **FIVE**   ($3 \times 10 = 30$ marks)

S.SENATE. SEPT'2022

UNIVERSITY OF MADRAS
MASTER OF COMMERCE (M.Com.)
(w.e.f.2022 – 2023 onwards)

Program Outcomes for M.Com (General Commerce)

PO1. Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.

PO2. Problem Solving: Solve problems from the disciplines of concern using the knowledge, skills and attitudes acquired from humanities/ sciences/ mathematics/ social sciences.

PO3. Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.

PO4. Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in wide variety of settings.

PO5. Ethics: Understand multiple value systems including your own, the moral dimensions of your decisions, and accept responsibility for them.

PO6. Environment and sustainability: Understand the impact of technology and business practices in societal and environmental contexts, and sustainable development.

PO7. Self-directed and life-long learning: Demonstrate the ability to engage in independent and life-long learning in the broadest context socio-technological changes.

PO8. Computational Thinking: Understand data-based reasoning through translation of data into abstract concepts using computing technology-based tools.

SCHEME OF EXAMINATIONS:

First Semester

Course Components	Code	Subjects	Instructional Hours	Credits	Exam. Hours	Max. Marks		
						CIA	Ext	Total
Core Paper - I	Com 201	Advanced Corporate Accounting & Accounting Standards#	6	4	3	25	75	100
Core Paper – II	Com 203	Financial Management #	6	4	3	25	75	100
Core Paper – III	Com 205	Organizational Behaviour	6	4	3	25	75	100
Core Paper – IV	Com 207	Managerial Economics *	6	4	3	25	75	100
Elective		Accounting for Specialized Institutions **OR** Strategic Human Resource Management & Development	4	3	3	25	75	100
Soft Skill - I			2	2	-	40	60	100

 # Composition of marks: 80 % problems and 20 % theory
*Composition of Marks: 40% problems and 60% theory
✓
One paper is chosen (Organisational Behaviour)and a component on Industrial exposure is included

Industry Component
- Internship have to be carried out at the end of the First semester in any aspect of the units of organizational Behaviour (HR Department)
- 20 hours of practicals in the mentioned area to be completed and attendance certificate to be submitted
- The report of the same with a maximum of 3000 words shall be submitted by the students within a period of one month after the completion of the Internship which can be considered as the assignment of the particular subject.

Second Semester

Course Components	Code	Subjects	Instructional Hours	Credits	Exam. Hours	Max. Marks		
						CIA	Ext	Total
Core Paper – V	Com 202	Advanced Cost and Management Accounting#	6	4	3	25	75	100
Core Paper – VI	Com 204	Quantitative Techniques for Business Decisions #	6	4	3	25	75	100
Core Paper – VII	Com 206	Corporate Laws	6	4	3	25	75	100
Elective		Industrial Relations & Labour Welfare **OR** Customer Relationship Management*	4	3	3	25	75	100
Extra Disciplinary Elective $		Total Quality Management	5	3	3	25	75	100
Internship			1	2	-	-	-	100
Soft Skill – II			2	2	-	40	60	100

 # Composition of marks: 80 % problems and 20 % theory

$^{\$}$**To be offered to other Departments**
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	Ext	Total
Core Paper – VIII	Com 209	Research Methodology	5	4	3	25	75	100
Core Paper – IX	Com 211	Information Technology for Business	5	4	3	25	75	100
Core Paper – X	Com 213	Income Tax Law & Practice	5	4	3	25	75	100
Elective		Marketing of Services **OR** Managerial Behaviour and effectiveness	4	3	3	25	75	100
Elective		Consumer Behaviour **OR** Change Management	4	3	3	25	75	100
Extra Disciplinary Elective $		Corporate Governance & Social Responsibility	5	3	3	25	75	100
Soft Skill - III			2	2	-	40	60	100

✓ *One paper is chosen (Income Tax Law and Practice) and a component on Industrial exposure is included*

- Internship have to be carried out at the end of the **Third Semester** in CA firm **(Income Tax Law and Tax Planning)**
- 20 hours of practicals in the mentioned area to be completed and attendance certificate to be submitted
- The report of the same with a maximum of 3000 words shall be submitted by the students within a period of one month after the completion of the Internship which can be considered as the assignment of the particular subject.

Fourth Semester

Course Components	Code	Subjects	Instructional Hours	Credits	Exam. Hours	Max. Marks		
						CIA	Ext	Total
Core Paper – XI	Com 208	Management Information Systems	6	4	3	25	75	100
Core Paper – XII	Com 210	Investment Analysis and Portfolio Management	6	4	3	25	75	100
Core Paper – XIII	Com 212	Indirect Taxes	6	4	3	25	75	100
Core Paper – XIV & XV	Com 214	Project	6	8	-	40	160@	200
Elective		Financial Markets & Institutions **OR** Digital Banking	4	3	3	25	75	100
Soft Skill – IV			2	2	-	40	60	100

@ Viva-voce examination carries 40 Marks and Project Report carries 160 Marks

S.SENATE.SEPT.'2022

APPENDIX – (i)27(R)
UNIVERSITY OF MADRAS
M.Sc. COMPUTER SCIENCE
CHOICE BASED CREDIT SYSTEM

REGULATIONS

With effect from 2022-2023

Programme Outcomes:

- To possess advanced knowledge of Computing, Mathematical basics for contemporary Computing Specialization and Knowledge of defined problem domain
- To identify a prospective domain, review research literature and analyze the problems using mathematical methods and suggest
- To have the Ability to use design tools, design software as per needs and specifications
- To apply acquired knowledge of the domain in investigating the software design, from design of experiments, analysis of data to provision of valid conclusions.
- To possess the skills to use modern software and hardware tools to analyze problems.
- To possess the knowledge of ethical and legal principles and cyber regulations
- To Possess ability for self-education and attitude for life-long learning in the broadest context of technological change
- To possess the skill and acumen for innovative research and be aware of publishing their work in reputed journals
- To possess the ability to communicate scientific facts effectively in both verbal and written form to the society
- To possess the ability to understand the impact of IT solutions in a global and societal context
- To possess the skill to find out the right opportunity for entrepreneurship for the betterment of an individual and society at large

Programme Specific Outcomes:

- Implement the concept of theory and technology with classical and modern techniques for solving the complex problems in Computer Science.
- Be more curious towards learning new and emerging technologies that adapt quickly to changes.
- Design, execute and evaluate computing projects in academia and industries using appropriate technologies.
- Know the contextual knowledge in computing science research and communicate effectively with stakeholders with the society at large for enhancing the quality of life.
- Be honest in upholding the ethical principles and social responsibilities along with socio-economic innovations.

Scheme of Examinations

S.NO	Course	SUBJECT NAME	Ins. Hours	Credits	Int.	Ext.	Total
		SEMESTER I					
1	Core - 1	Advanced Data Structure and Algorithms	5	4	25	75	100
2	Core - 2	Advanced PYTHON Programming	5	4	25	75	100
3	Core - 3	Artificial Intelligence	5	4	25	75	100
4	Core - 4	Practical - 1: Data Structure and Algorithms Lab	4	2	40	60	100
5	Core - 5	Practical - 2 : Advanced PYTHON Programming Lab	4	2	40	60	100
6	Extra Disciplinary	Theory of Computations	5	3	25	75	100
7	Soft Skill-1	Choose from the List Given at the end	2	2	40	60	100
		Total Credits		**21**			
		SEMESTER II					
8	Core - 6	Machine Learning	5	4	25	75	100
9	Core - 7	Advanced Networks	5	4	25	75	100
10	Core - 8	Practical - 3: Machine Learning Lab	4	2	40	60	100
11	Core - 9	Practical - 4 : Elective II based Lab	4	2	40	60	100
	Core- 9A	Practical - 4: Full stack web development Lab (Elective II based Lab)					
	Core- 9B	Practical - 4: Natural Language Processing Lab (Elective II based Lab)					
	Core- 9C	Practical - 4: Digital Image Processing Lab (Elective II based Lab)					
12	Extra Disciplinary	Principles of Compiler Design	4	3	25	75	100
13	Elective-1	List given below	3	3	25	75	100
	Elective-2	List given below	3	3	25	75	100

14	Soft Skill-2	Choose from the List Given at the end	2	2	40	60	100
	Internship	4 to 5 weeks of internship during summer vacation of I year					
		Total Credits		**23**			
SEMESTER III							
16	Core - 10	Parallel And Distributed Computing	5	4	25	75	100
17	Core - 11	Deep Learning and Neural Networks	5	4	25	75	100
18	Core - 12	Cryptography	5	4	25	75	100
19	Core - 13	Practical - 5: Deep learning Lab	5	2	40	60	100
20	Elective-3	List given below	3	3	25	75	100
21	Elective-4	List given below	3	3	25	75	100
15	Soft Skill-3	Choose from the List Given at the end	2	2	40	60	100
22	Soft Skill-4	Choose from the List Given at the end	2	2	40	60	100
23	Internship	Evaluation of 4 to 5 weeks of internship during summer vacation of I year		2			
		Total Credits		**26**			
SEMESTER IV							
24	Core - 14	Project and Viva-Voce		20	20	60 +20	100

ELECTIVE 1
Cloud Computing
Internet of things
Data Analytics

ELECTIVE 2
Full stack web development
Natural Language Processing
Digital Image Processing

ELECTIVE 3
Cyber Security
Advanced Computer Architecture
Distributed Database Systems

ELECTIVE 4
Human Computer Interaction
Agile Software Engineering
Computer vision

List of Soft Skill Courses

1. Communication Skills for Software Engineers – I
2. Communication Skills for Software Engineers – II
3. Personality Development and other Soft Skills for Software Engineers
4. Document Preparation and Interview skills for Software Engineers
5. Team Project

Learning Outcome Index: Mapping of program outcome with courses

Table 1														
Program Outcomes	Core Courses													
	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6	CO 7	CO 8	CO 9	CO10	CO11	CO12	CO13	CO14
Outcomes 1	X		X			X					X			X
Outcomes 2	X	X			X	X		X	X			X		X
Outcomes3		X	X	X			X			X	X		X	
Outcomes 4		X			X	X		X	X			X		X
Outcomes 5	X		X	X			X				X		X	
Outcomes 6		X		X	X			X		X		X		X
Outcomes 7	X					X	X		X		X		X	X
Outcomes 8	X			X		X	X			X		X		
Outcomes 9		X	X	X	X			X	X		X		X	X

CO i – ith Core Course

Table 2		
Program Outcomes	Extra-Disciplinary Courses	
	Course 1	Course 2
Outcomes 1	X	
Outcomes 2		X
Outcomes3	X	
Outcomes 4		X
Outcomes 5		X
Outcomes 6	X	
Outcomes 7	X	
Outcomes 8		X
Outcomes 9	X	X

Table 3												
Program Outcomes	Elective Courses											
	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6	CO 7	CO 8	CO 9	CO10	CO11	CO12
Outcomes 1	X		X			X					X	
Outcomes 2		X			X			X	X		X	X
Outcomes3	X		X	X			X			X	X	
Outcomes 4		X	X		X			X	X			
Outcomes 5	X		X			X	X			X	X	
Outcomes 6		X		X	X			X		X		X
Outcomes 7	X					X	X		X	X		X
Outcomes 8				X		X	X					X
Outcomes 9		X	X	X	X			X	X		X	

CO i – ith Elective Course

Table 4					
Program Outcomes	Soft Skill Courses				
	Course 1	Course 2	Course 3	Course 4	Course 5
Outcomes 1	X		X	X	
Outcomes 2		X		X	X
Outcomes3		X			
Outcomes 4	X				X
Outcomes 5		X	X		
Outcomes 6	X			X	X
Outcomes 7	X		X		
Outcomes 8		X		X	X
Outcomes 9	X	X	X		

S.SENATE.SEPT.'2022

	APPENDIX – (i)4(R) **UNIVERSITY OF MADRAS**
Programme:	M.A. (HUMAN RESOURCE MANAGEMENT) CHOICE BASED CREDIT SYSTEM (w.e.f.2022- 2023)
Programme Code:	
Duration:	**2 years**
Programme Outcomes:	**PO1: Problem Solving Skill:** Apply knowledge of Management theories and Human Resource practices to solve business problems through research in Global context **PO2: Decision Making Skill:** Foster analytical and critical thinking abilities for data-based decision-making. **PO3: Ethical Value:** Ability to incorporate quality, ethical and legal value-based perspectives to all organizational activities. **PO4: Communication Skill:** Ability to develop communication, managerial and interpersonal skills. **PO5: Individual and Team Leadership Skill:** Capability to lead themselves and the team to achieve organizational goals. **PO6: Employability Skill:** Inculcate contemporary business practices to enhance employability skills in the competitive environment. **PO7: Entrepreneurial Skill:** Equip with skills and competencies to become an entrepreneur. **PO8: Contribution to Society:** Succeed in career endeavors and contribute significantly to society.
Programme Specific Outcomes:	**PSO1 – Placement:** To prepare the students who will demonstrate respectful engagement with others' ideas, behaviors, beliefs and apply diverse frames of reference to decisions and actions.

PSO 2 - Entrepreneur:
To create effective entrepreneurs by enhancing their critical thinking, problem solving, decision making and leadership skill that will facilitate startups and high potential organizations

PSO3 – Research and Development:
Design and implement HR systems and practices grounded in research that comply with employment laws, leading the organization towards growth and development.

PSO4 – Contribution to Business World:
To produce employable, ethical and innovative professionals to sustain in the dynamic business world.

PSO 5 – Contribution to the Society:
To contribute to the development of the society by collaborating with stakeholders for mutual benefit

FIRSTSEMESTER

SL.NO	COURSE COMPONENTS	NAME OF COURSE	SEMESTER	INST. HOURS	CREDITS	EXAM DURATION	MAX MARKS	
							CIA	EXTERNAL
1.	CORE	PAPER 1 - Managerial Concepts and Business Ethics	I	6 HRS	4	3	25	75
2.	CORE	PAPER 2 - Organisational Behaviour	I	6 HRS	4	3	25	75
3.	CORE	PAPER 3 - Human Resource Management	I	6 HRS	4	3	25	75
4.	CORE	PAPER 4 – Labour Legislations	I	5 HRS	4	3	25	75
5.	ELECTIVE	Elective - I **Managerial Economics**	I	5HRS	3	3	25	75
6.	SOFT-SKILL	Soft Skill I	I	2HRS	2	3	25	75

SECOND SEMESTER

SL.NO	COURSE COMPONENTS	NAME OF COURSE	SEMESTER	INST. HOURS	CREDITS	EXAM DURATION	MAX MARKS	
							CIA	EXTERNAL
7.	CORE	PAPER - 5 **Learning and Development**	II	5 HRS	4	3	25	75
8.	CORE	PAPER - 6 Industrial Relations	II	5 HRS	4	3	25	75
9.	CORE	PAPER – 7 Performance Management	II	5 HRS	4	3	25	75
10.	ELECTIVE	Elective - II Organizational Change & Development	II	4 HRS	3	3	25	75
11.	ELECTIVE (Extra Disciplinary)	Extra-Disciplinary - I Accounting for Managers	II	5 HRS	3	3	25	75
12.	ELECTIVE	Elective – III Strategic Management	II	4HRS	3	3	25	75
13.	SOFT-SKILL	Soft Skill II	II	2 HRS	2	3	25	75

THIRD SEMESTER

SL.NO	COURSE COMPONENTS	NAME OF COURSE	SEMESTER	INST. HOURS	CREDITS	EXAM DURATION	MAX MARKS	
							CIA	EXTERNAL
14.	CORE	PAPER 8 - **Work Place Counselling**	III	5 HRS	4	3	25	75
15.	CORE	PAPER 9 - Strategic Human Resource Management	III	5 HRS	4	3	25	75
16.	CORE	PAPER 10 – Research Methods	III	5 HRS	4	3	25	75
17.	CORE	PAPER 11 - Labour Welfare	III	5 HRS	4	3	25	75
18.	ELECTIVE (Extra Disciplinary)	Extra-Disciplinary - II Human Resource Information System	III	4 HRS	3	3	25	75
19.	ELECTIVE	Elective – IV Innovation and Entrepreneurship	III	4 HRS	3	3	25	75
20.	SOFT-SKILL	SOFT SKILL III	III	2 HRS	2	3	25	75
21.	INTERNSHIP	SUMMER INTERNSHIP (6WEEKS)	III	6 WEEKS	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

SL.NO	COURSE COMPONENTS	NAME OF COURSE	SEMESTER	INST. HOURS	CREDITS	EXAM DURATION	MAX MARKS	
							CIA	EXTERNAL
22..	CORE	PAPER 12 – Compensation Management	IV	6 HRS	4	3	25	75
23.	CORE	PAPER 13 – International Human Resource Management	IV	5 HRS	4	3	25	75
24.	ELECTIVE	Elective – V Total Quality Management	IV	5HRS	3	3	25	75
25.	CORE	PAPER 14 – PROJECT WORK & VIVA – VOCE	IV	---	8	---	---	200
26..	SOFT SKILL	SOFT SKILL – IV	IV	2HRS	2	3	25	75

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S.SENATE. SEPT'2022

APPENDIX – (i)37(R) **UNIVERSITY OF MADRAS** **CHOICE BASED CREDIT SYSTEM**	
Programme:	**MASTER OF SOCIAL WORK** **REVISED REGULATIONS** **(w.e.f. 2022-2023)**
Programme Code:	SSSC
Duration:	2 years
Programme Outcomes:	1. The programme will make the students to become highly capable and an efficient social work professional in all the fields of social work such as Medical, Psychiatric, Child Welfare Guidance, Geriatric, Health, Correctional, Family, Youth, Labour Welfare and Rural development, etc. 2. The programme will train and enrich the students with high scientific skills and techniques to deal with social issues and its problems. 3. The concepts, methods and techniques of social work will train the students in following its principles and practice it in various fields, thus creating a better society. 4. The programme is designed to make the students become well aware about the social work professional code of ethics which is followed in the social work settings. 5. It makes the students follow a systematic and scientific knowledge of social work philosophy and methods for becoming more professional in the various fields of social work. 6. Social work programme is designed to aid individuals, groups and communities for addressing individuals coping problems, group development and betterment of communities in the society. 7. The programme makes them more responsible in fulfilling humanitarian needs, solve psycho-social problems and adjust mental problems, thereby making the society more harmonious and unified. 8. It aids the students to become a social change agent for creating a better and cordial social environment. 9. The Social Work programme motivates the students to become a responsible professional social worker and work for the betterment of the individual psychological well-being, group development and community welfare.

	10.	The Social Work programme stimulates the students to engage and involve in deep research investigation on any particular social problem and make the society a better place to live in by addressing it.
Programme Specific Outcomes:		1. The Master of Social Work programme makes the students to become more knowledgeable and skilful in dealing with human behaviour. 2. The outcome of the programme is to develop the skill of self-examination, critical thinking, analytical thinking, self-awareness, problem solving ability, constructive use of relationships and productive utilization of self. 3. The programme makes the students to become an expert professional, responsible, efficient, effective, practical, logical, and pragmatically experiential in dealing with individuals, groups and community for effective implementation of social work philosophies and its values in the society. 4. The Social worker concentrates more on solving the individuals psycho-social maladjustment problems, effectively motivating the groups to engage in group activity for accomplishing groups desire and needs, and using the resources skilfully for the communities welfare and development. 5. The interest for research is instilled in the mind of social work students to create new theories, ideologies, values, principles and techniques for the upcoming social work professionals to efficiently deal and address the social problems skilfully.

CORE / MAJOR PAPERS

S/N	Semester	Course Code		TITLE OF THE COURSE	Duration (Hours)	No. of Credits	Internal	External	Total
1	I	SSSC051	Paper 1	Social Work Profession-History and Philosophy	4	4	25	75	100
2		SSSC052	Paper 2	Social Casework	4	4	25	75	100
3		SSSC053	Paper 3	Social Group Work	4	4	25	75	100
4		SSSC054	Paper 4	Field Work Practicum – I	10	5	40	60	100
5	II	SSSC055	Paper 5	Community Organization & Social Action	4	4	25	75	100
6		SSSC056	Paper 6	Social Work Research and Statistics	4	4	25	75	100
7		SSSC057	Paper 7	Field Work Practicum – II	10	5	40	60	100
8	III	SSSC058	Paper 8	Rural Community Development - CD	4	4	25	75	100
		SSSC059	Paper 8	Human Resource Management - HRM					
		SSSC060	Paper 8	Community Health - MPSW					
9		SSSC061	Paper 9	Urban Community Development - CD	4	4	25	75	100
		SSSC062	Paper 9	Labour Legislations - HRM					
		SSSC063	Paper 9	Mental Health – MPSW					
10		SSSC064	Paper 10	Social Welfare Administration	4	4	25	75	100
11		SSSC065	Paper 11	Field Work Practicum – III	10	5	40	60	100
12				Summer Internship		2	40	60	100
13	IV	SSSC066	Paper 12	Development Planning	4	4	25	75	100
		SSSC067	Paper 12	Employee Relations and Welfare					
		SSSC068	Paper 12	Medical Social Work					
14		SSSC069	Paper 13	Entrepreneurship Development	4	4	25	75	100

		SSSC070	Paper 13	Organizational Behaviour and Development					
		SSSC071	Paper 13	Psychiatric Social Work					
15		SSSC072	Paper 14	Field Work Practicum – IV	10	5	40	60	100
16		SSSC073	Paper 15	Dissertation	4	6	40	60	100
17				Internship / Block Placement		2			

ELECTIVE PAPERS

S/N	Semester	Course Code		TITLE OF THE COURSE	Duration (Hours)	No. of Credits	Internal	External	Total
17	I	SSSE051	Paper 1 Elective	Sociology and Psychology for Social Work Practice	4	3	25	75	100
18	II	SSSE052	Paper 2 Elective	Disaster Risk Reduction /	4	3	25	75	100
		SSSE053	Paper 2 Elective	Counselling-Theory and Practice /					
19		SSSE054	Paper 3 Elective	Gender and Development	4	3	25	75	100
		SSSE055	Paper 3 Elective	Human Rights and Social Work					
20	III	SSSE056	Paper 4 Elective	Corporate Social Responsibility	4	3	25	75	100
		SSSE057	Paper 4 Elective	Hospital Administration					
21		SSSE058	Paper 5 Elective	Social Policy and Social Legislation /	4	3	25	75	100
		SSSE059	Paper 5 Elective	Environmental Social Work					
22	IV	SSSE060	Paper 6 Elective	International Social Work	4	3	25	75	100
		SSSE061	Paper 6 Elective	International Human Resource Management					
23		SSSE062	Paper 7 Elective	Migration Issues and Human Security /	4	3	25	75	100
		SSSE063	Paper 7 Elective	NGOs and Development Practice					

SOFT SKILLS

S/N	Semester	TITLE OF THE COURSE	Duration (Hours)	No. of Credits	Internal	External	Total
23	I	PAPER – I SOFT SKILL	2	2	40	60	100
24	II	PAPER – II SOFT SKILL	2	2	40	60	100
25	III	PAPER – III SOFT SKILL	2	2	40	60	100
26	IV	PAPER – IV SOFT SKILL	2	2	40	60	100

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S.SENATE. SEPT'2022