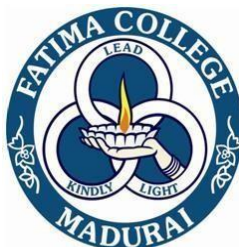


# **FATIMA COLLEGE (AUTONOMOUS)**



**Re-Accredited with “A++” Grade by NAAC (4<sup>th</sup> Cycle)  
Mary land, Madurai- 625 018, Tamil Nadu, India**

**NAME OF THE DEPARTMENT : Commerce**

**NAME OF THE PROGRAMME : B.Com**

**PROGRAMME CODE : UAC0**

**ACADEMIC YEAR : 2022 -2023**

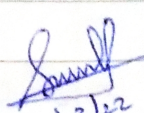
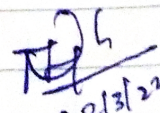
Fatima College (Autonomous), Madurai  
Minutes of the Board of Studies  
Research Centre of Commerce (2022 - 23  
onwards)

Venue: MIO

Time: 2 PM

Date: 22-3-2022

Members Present:

1. Dr. B. Sahayarani Fernando, B. Sahaya Gini  
Head of the Department,  
Research Centre of Commerce,  
Fatima College, Madurai
2. Dr. A. T. Senthamarai Kannan, (University Nominee)  
Associate Professor,  
Madurai Kamaraj University College,  
Madurai # SN
3. Dr. S. Ganapathy (Subject Expert) Date: 22-3-2022  
Dept of Commerce,  
Alagappa University,  
Karaikudi
3. Dr. Rajamannar (Subject Expert) u. n. 403  
22/03/22  
Assistant Professor,  
MS University,  
Tirunelveli
4. Ms. Susan Anitha Andrews (Alumna)   
22/3/22  
Assistant Professor,  
American College,  
Madurai
5. Mrs. Mario Theophilus Hebroe, (Entrepreneur)  
S S Fashion Designers,  
Appathurai Nagar,  
Madurai   
22/3/22



6. Dr. S. J. Kala,  
Dean of Academic Affairs
7. Dr. A. I. Auxilia Felicitas
8. Dr. T. Jayanthi Vijayarani
9. Dr. S. Fatima Rosalyn Mary
10. Dr. C. Lucia Vanitha
11. Ms. P. Kalaiselvi
12. Dr. So. Bindu Antony
13. Dr. V. Suganya
14. Ms. F. Gnanadeepam
15. Dr. P. Ruby hoda
16. Dr. M. Arasammal
17. Dr. K. Sangeetha
18. Dr. T. K. Latha Maheswari

8. J. Sel  
A. I. Lal Lal  
T. Jayanthi Vijayarani  
C. Fatima Rosalyn Mary  
C. Lucia Vanitha  
P. Kalaiselvi  
Bindu Antony  
V. Suganya  
F. Gnanadeepam  
P. Ruby  
M. Arasammal  
Sangeetha  
T. K. Latha

The meeting began with welcome by the Head, Dr. B. Sahaya Rani. The following changes were proposed and approved by the Board.

1. In 19A2CC3, Unit VI modern communication technologies to be included in Unit I. Video conferencing platforms to be included in Unit I.
2. 19A2CC4 - e distribution networks to be added. Unit III pricing to be elaborate and to include strategies.
3. 19A3CC7 - Practical banking types of banks to be removed.
4. 19A6CC15 - Advanced Corporate Accounting change in Unit II to include amalgamation in the nature of merger and purchase ~~is approved~~.
5. 19A6CC16 - GST Unit III to include TINS.
6. 19A5ME1 Game Theory is placed as Unit III. Open resource access to be added.
7. 19A5ME2 Research Methodology - Formulation



of hypothesis, to be included in Unit II.  
Dynamism to include introduction to SPSS (feeding of data), Commerce Journals. To be specified as open access and Predatory journals.

8. 19AGMES- Auditing - Unit III - Vouching to include Physical verification of assets and liabilities.

Conduct of audit to be shifted from Unit IV to Unit II.

PG : M.Com

1. 22PG1A4 - E Commerce and Web Designing is approved.

2. 22PGEDC - Organisational Behaviour to be offered instead of Creative Advertising.

3. 19PG1A2 - Funds Flow Statement to be added Budgets (Unit V) to include, Flexible, cash and sales budget.

4. 19PG1A3 - Advanced Business Statistics to include Measures of Central Tendency and Dispersion in Unit I.

Unit III - to specify 't' test

5. 22PG2A8 - SPSS - dynamism to have Samovi software.

6. 19PG4A12 - changes to Unit II - Mergers and purchase are approved.

7. 19PG3A11 - executive skill development - reorganisation of Units I, and II is approved.

8. 19PG4A13 - Special Accounts - Unit IV to include Inflation Accounting.

Self Learning courses for B.Com and M.Com are passed and approved.



## AGENDA FOR BOARD OF STUDIES

1. Presentation of the Action Taken Report
2. Updation and addition of open educational resources in the list of references of courses
3. Revision of syllabus
4. New Courses -
5. Introduction of atleast one Purely Skill-embedded certificate / Value added Courses
6. Approval of Ph.D., Course work syllabus
7. Internships & Projects

### ACTION TAKEN REPORT FOR 2021-22

No.	Suggestions offered	Action Taken Report 21-22	
1.	Course, with course code 19A2CC4 / 19AC2CC4 to be renamed as Modern Marketing	19A2CC4 Renamed as Modern Marketing	UPDATED
2.	New Course for UG - Household Chemicals and Marketing (21C2SLA1) to be introduced as Self learning	Introduced, self learning course - Household Chemicals and Marketing	INTRODUCED
3.	New Course for PG - Retail Marketing 21PG3ASL2 as Self learning Course - to be introduced	Introduced self learning course for PG - Retail Marketing	INTRODUCED
4.	Revision of 20% syllabus in Cost Accounting Methods 21A4CC9 / 21AC4CC9	20% revision in Cost Accounting Methods	REVISED
5.	20% revision in Soft skills [21A5SB4 / 21AC5SB4]	Soft Skills - 20% revision	REVISED



6. 20% revision to be carried out in Quantitative Techniques [19PG2AS]	20% revision in Quantitative Techniques	REVISED
7. OBE to be introduced for all courses of <u>III</u> B Com	OBE introduced for all subjects of <u>III</u> B Com	INTRODUCED
8. Advanced SPSS to be introduced as off class programme	Introduction of Advanced SPSS as off class programme	INTRODUCED

### Change of Course Title

NIL

### INTRODUCTION OF NEW COURSES

S.No	Course Code	Course Title	Relevance				Scope			New to int
			L	R	N	G	EM P	ENT RE	SD	
1.	22PGAEDC	Organizational Behaviour			N				SD	
2.		OFF CLASS - Advanced SPSS			N				SD	

### Updation of Open Educational Resources in the list of references of each course

S.No	Course code	Course Title	Details of updation
1.	19ASME1	Quantitative Techniques	Addition of OER



# Revision of Courses:

S.No	Course Code	Course Title	% of Revision	Need	Relevance				Scope		
					L	R	N	G	EMP	ENT	SD
1.	19A1CC2	Business Communication Unit VI - modern methods	10%	updatation			N				SD
2.	19A2CC4	Modern Marketing (e. distribution & networks, unit III - methods of pricing to be given in detail)	10%	uplatation			N		EMP	ENT	
3.	19A6CC15	Advanced Corporate Accounting - Unit II - Amalgamation - meagre purchase	10%	updatation			N		EMP	ENT	
4.	19A6CC16	Goods & Services Tax - Unit III Added - TIN	5%	updatation			N		EMP	ENT	
5.	19A5ME1	Quantitative Techniques - inclusion of Game Theory	10%	updatation			N		EMP	ENT	
6.	19A5ME2	Research Methodology - Unit I - Formulation of hypothesis, Dynamism, Introduction to SPSS, Commerce Journals to be specified as open journals and predatory journals	10%	updatation			N			ENT	
7.	19A6ME5	Auditing - Vouching to include physical verification of Assets & liabilities Conduct of audit - shifted from I to III	10%	updatation			N		EMP	ENT	



8.	19PG1A2	Management Accounting - Unit II - FFS to be included Classification of various functional budgets - to be given	10%.	updatation	N	EMP
09.	19PG1A3	Advanced Business - Statistics Unit I - Measures of Central Tendency & Dispersion Unit III - t test to specify	15%.	updatation	N	
10.	22PG1A4	E Commerce 2 - Web Designing -	40%.	updatation	N	EMP
11.	22PG2A8	Software Package for Statistical Analysis - Dynamism to have Jamovi	20%.	updatation	N	EMP
12.	19PG3A11	Executive Skills Development - Reorganisation of Units I + II	10%.	-	N	
13.	19PG4A13	Corporate Accounting - Unit II - Mergers & Purchase	20%.	updatation	N	EMP
14.	19PG4AE4	Special Accounts - Unit IV Inflation Accounting	20%.	updatation	N	EMP



## New Courses Introduced:

No	Course Code	Course Title	Relevance				Scope			Need
			L	R	N	G	EMP	ENT	SD	
1.	Self learning UG - Financial	Economics			N		EMP			
2.	Self learning PG - Accounting Standards				N		EMP			

## Introduction of Purely Embedded / Diploma / Value Added Courses

NIL

## Approval of Ph.D. Course Work Syllabus

Course Work passed and approved

## Rubrics for internship Project

SNo	Report C1 Report	C2 Presentation/ Statistical tools	CIA Total	External - 60
	20 marks	20 marks	40 marks	Content + Viva - 40+20 marks

### Other Suggestions

1. Web designing to be introduced
2. Organisational Behaviour to be introduced as EDC

### Commendations

Board appreciated the syllabus



- Excellent syllabus
- Relevant and to the need of the students
- Blended approach taking into consideration the current reality is noted.
- Kudos to the team for designing an updated version of the syllabus.
- Elaborative contents
- Faculty to upgrade their expertise
- While designing to be taught at the basic level
- Though Funds Flow is out of date in management accounting, it could be added for comprehensive understanding of students.



Financial Mathematics for B.com is passed and approved.

Ph.D. course work is passed and approved by the Board.

The details are elaborated in the prescribed form, in the appendix attached.

Dr. B. Sahaya Rani Fernando

Dr. A. T. Senthamarai Kannan

Dr. S. Ganapathy.

Dr. Raja mannar

Ms. Susan Anitha Andrew

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Dr. V. Suganya

Ms. F. Gnanadeepam

Dr. P. Ruby keela.

B. Sahaya Rani

~~22/2/22~~ 22/2/22

22.3.2022

K. Raju 22/03/2022.

~~22/03/22~~

T. J.

S. J. K.

A. I. Auxilia Felicitas

T. Jayanthi Vijayarani

S. Fatima Rosalin Mary.

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Dr. M. Arasammal

Dr. K. Sangeetha

Dr. T. K. Latha Maheswari

M.A.

Sangeetha

T.K. Latha

22/3/2022



## **VISION OF THE DEPARTMENT**

Inspire and empower women to become self-sustained and innovative leaders in the field of Commerce and Computer Applications through Valued Based Education and Training.

## **MISSION OF THE DEPARTMENT**

- To train and enrich the students with employable skills required in the field of commerce.
- To provide an opportunity to the pupils to get developed into competent and qualified entrepreneur.
- To aim for the holistic development of the students to contribute to the success of organisations and society at large.

## **PROGRAMME EDUCATIONAL OBJECTIVES (PEO)**

<b>PEO 1</b>	Our graduates will be academic, digital and information literates; creative, inquisitive, innovative and desirous for the “more” in all aspects
<b>PEO 2</b>	They will be efficient individual and team performers, exhibiting progress, flexibility, transparency and accountability in their professional work
<b>PEO 3</b>	The graduates will be effective managers of all sorts of real – life and professional circumstances, making ethical decisions, pursuing excellence within the time framework and demonstrating apt leadership skills
<b>PEO 4</b>	They will engage locally and globally, evincing social and environmental stewardship demonstrating civic responsibilities and employing right skills at the right moment



## GRADUATE ATTRIBUTES (GA)

Fatima College empowers her women graduates holistically. A Fatimite achieves all-round empowerment by acquiring Social, Professional and Ethical competencies. A graduate would sustain and nurture the following attributes:

<b>I. SOCIAL COMPETENCE</b>	
<b>GA 1</b>	Deep disciplinary expertise with a wide range of academic and digital literacy
<b>GA 2</b>	Hone creativity, passion for innovation and aspire excellence
<b>GA 3</b>	Enthusiasm towards emancipation and empowerment of humanity
<b>GA 4</b>	Potentials of being independent
<b>GA 5</b>	Intellectual competence and inquisitiveness with problem solving abilities befitting the field of research
<b>GA 6</b>	Effectiveness in different forms of communications to be employed in personal and professional environments through varied platforms
<b>GA 7</b>	Communicative competence with civic, professional and cyber dignity and decorum
<b>GA 8</b>	Integrity respecting the diversity and pluralism in societies, cultures and religions
<b>GA 9</b>	All – inclusive skill- sets to interpret, analyse and solve social and environmental issues in diverse environments
<b>GA 10</b>	Self-awareness that would enable them to recognise their uniqueness through continuous self-assessment in order to face and make changes building their strengths and improving



	on their weaknesses
<b>GA 11</b>	Finesse to co-operate exhibiting team-spirit while working in groups to achieve goals
<b>GA 12</b>	Dexterity in self-management to control their selves in attaining the kind of life that they dream for
<b>GA 13</b>	Resilience to rise up instantly from their intimidating setbacks
<b>GA 14</b>	Virtuosity to use their personal and intellectual autonomy in being life-long learners
<b>GA 15</b>	Digital learning and research attributes
<b>GA 16</b>	Cyber security competence reflecting compassion, care and concern towards the marginalised
<b>GA 17</b>	Rectitude to use digital technology reflecting civic and social responsibilities in local, national and global scenario
<b>II. PROFESSIONAL COMPETENCE</b>	
<b>GA 18</b>	Optimism, flexibility and diligence that would make them professionally competent
<b>GA 19</b>	Prowess to be successful entrepreneurs and employees of trans-national societies
<b>GA 20</b>	Excellence in Local and Global Job Markets
<b>GA 21</b>	Effectiveness in Time Management
<b>GA 22</b>	Efficiency in taking up Initiatives
<b>GA 23</b>	Eagerness to deliver excellent service
<b>GA 24</b>	Managerial Skills to Identify, Commend and tap Potentials



### III. ETHICAL COMPETENCE

<b>GA 25</b>	Integrity and discipline in bringing stability leading a systematic life promoting good human behaviour to build better society
<b>GA 26</b>	Honesty in words and deeds
<b>GA 27</b>	Transparency revealing one's own character as well as self-esteem to lead a genuine and authentic life
<b>GA 28</b>	Social and Environmental Stewardship
<b>GA 29</b>	Readiness to make ethical decisions consistently from the galore of conflicting choices paying heed to their conscience
<b>GA 30</b>	Right life skills at the right moment

### PROGRAMME OUTCOMES (PO)

The Learners will be able to

<b>PO 1</b>	Acquire knowledge of fundamental concepts and subject specific academic competency.
<b>PO 2</b>	Enhance the communicative skills and gain confidence to disseminate knowledge through oral and written communication effectively.
<b>PO 3</b>	Think critically, evaluate analytically and apply the expertise of their discipline in real life.
<b>PO 4</b>	Appreciate literary, economic, cultural, socio-psychological and environmental diversity.
<b>PO 5</b>	Pursue and attain meaningful goals, develop positive attitude to gain self-awareness, self-esteem, self-discipline and self-motivation.



**B.Com PROGRAMME****FATIMA COLLEGE (AUTONOMOUS), MADURAI-18****DEPARTMENT OF COMMERCE***For those who joined in June 2022 onwards***PROGRAMME CODE: UACO****PART - I - TAMIL / FRENCH / HINDI- 6 CREDITS****PART - I - TAMIL****Offered by the Research Centre of Tamil**

S.No	SEM.	COURSE CODE	COURSE TITLE	HRS	CREDITS	CIA Mks	ESE Mks	TOT. MKs
	I	19TL1S1	Language-Tamil	5	3	40	60	100
	II	19TL2S2	Language - Tamil	5	3	40	60	100
<b>TOTAL</b>				<b>10</b>	<b>6</b>			

**PART - I - FRENCH****Offered by The Department of French**

S.No	SEM.	COURSE CODE	COURSE TITLE	HRS	CREDITS	CIA Mks	ESE Mks	TOT. MKs
	I	19R1SLC1	PART 1 LANGUAGE FRENCH - LE NIVEAU INTRODUCTIF	5	3	40	60	100
	II	19R2SLC2	PART 1 LANGUAGE FRENCH - LE NIVEAU DÉCOUVERTE	5	3	40	60	100
<b>TOTAL</b>				<b>10</b>	<b>6</b>			



### PART - I - HINDI

Offered by The Department of Hindi

S.No	SEM.	COURSE CODE	COURSE TITLE	HRS	CREDITS	CIA Mks	ESE Mks	TOT. MKs
	I	19D1SLC1	PART 1 LANGUAGE HINDI - बोलचालकीहृदिं ी	5	3	40	60	100
	II	19D2SLC2	PART 1 LANGUAGE HINDI - कार्ालर्ीनह हृदिं ी	5	3	40	60	100
<b>TOTAL</b>				<b>10</b>	<b>6</b>			

### PART - II - ENGLISH - 12 CREDITS

Offered by The Research Centre of English

S.No	SEM.	COURSE CODE	COURSE TITLE	HRS	CREDITS	CIA Mks	ES E Mks	TOT. MKs
	I	19E1LB1	BASIC COMMUNICATIVE ENGLISH	5	3	40	60	100
		19E1LI1	INTERMEDIATE COMMUNICATIVE ENGLISH					
		19E1LA1	ADVANCED COMMUNICATIVE ENGLISH					
	II	19E2LB2	ENGLISH COMMUNICATION SKILLS	5	3	40	60	100
		19E2LI2	ENGLISH FOR EMPOWERMENT					
		19E2LA2	ENGLISH FOR CREATIVE					



			WRITING					
	<b>III</b>	<b>19E3LC3</b>	ENGLISH FOR DIGITAL ERA	5	3	40	60	100
	<b>IV</b>	<b>19E4LC4</b>	ENGLISH FOR INTEGRATED DEVELOPMENT	5	3	40	60	100
<b>TOTAL</b>				<b>20</b>	<b>12</b>			

**PART - III -MAJOR, ALLIED & ELECTIVES - 101 CREDITS**

**MAJOR CORE COURSES INCLUDING PRACTICALS : 66 CREDITS**

S. No	SEM	COURSE CODE	COURSE TITLE	HR S	CRE DITS	CIA Mk s	ES E Mk s	TOT · MKs
	<b>I</b>	<b>19A1CC1</b>	Principles of Accounting	6	4	40	60	100
		<b>19A1CC2</b>	Business Communication	6	4	40	60	100
	<b>II</b>	<b>19A2CC3</b>	Financial Accounting	6	4	40	60	100
		<b>19A2CC4</b>	Modern Marketing	6	4	40	60	100
	<b>III</b>	<b>19A3CC5</b>	Advanced Accounting	6	4	40	60	100
		<b>19A3CC6</b>	Cost Accounting concepts	6	4	40	60	100
		<b>19A3CC7</b>	Practical Banking	5	3	40	60	100
	<b>IV</b>	<b>19A4CC8</b>	Partnership Accounting	6	4	40	60	100
		<b>21A4CC9</b>	Cost Accounting Methods	6	4	40	60	100



		19A4CC10	Principles and Practice of Management	5	3	40	60	100
	V	19A5CC11	Corporate Accounting	5	4	40	60	100
		19A5CC12	Company Law	5	4	40	60	100
		19A5CC13	Income Tax law & Practice	5	4	40	60	100
		19A5CC14	Financial accounting software package	5	4	40	60	100
	VI	19A6CC15	Advanced Corporate Accounting	5	4	40	60	100
		19A6CC16	Goods &Services Tax and Customs Act	5	4	40	60	100
		19A6CC17	Business Law	5	4	40	60	100
TOTAL				93	66			

#### ALLIED COURSES- 20 CREDITS

S.NO	SEM.	COURSE CODE	COURSE TITLE	HR S	CREDIT S	CIA Mk s	ESE Mk s	TOT . MKs
	I	19A1AC1	Statistical Methods	5	5	40	60	100
	II	19A2AC2	Business Mathematics	5	5	40	60	100
	III	21A3ACE3	Principles of financial accounting and Accounting Package(Theory	3+2	5	40	60	100



		21E3ACA3	+Practicals) / Economic Theories					
	IV	21A4ACE4 21E4ACA4	Accounting for Decision Making  Entrepreneurship Development	5	5	40	60	100
<b>TOTAL</b>				<b>20</b>	<b>20</b>			

### **ELECTIVES -15 CREDITS**

S.No	SEM.	COURSE CODE	COURSE TITLE	HRS	CREDITS	CIA Mks	ESE Mks	TOT. Mks
	V	19A5ME1/ 19A5ME2	Quantitative Techniques  OR Research methodology	5	5	40	60	100
	VI	19A6ME3 / 19A6ME4	Management Accounting  OR Human Resource Management	5	5	40	60	100
		19A6ME5 / 19A6ME6	Auditing  OR Commercial Law	5	5	40	60	100
TOTAL				15	15			



**PART - IV - 20 CREDITS**

- **VALUE EDUCATION**
- **ENVIRONMENTAL AWARENESS**
- **GENDER STUDIES**
- **NON-MAJOR ELECTIVE**
- **SKILL BASED COURSES**

S.No	SEM.	COURSE CODE	COURSE TITLE	HRS	CREDITS	CIA Mks	ESE Mks	TOT. Mks
1.	I	21G1VE	Personal Values	1	1	40	60	100
2.		19A1NME	Fundamentals of Financial Accounting	2	2	40	60	100
3.	II	21G2VE	Values for life	1	1	40	60	100
4.		19A2NME	Fundamentals of Financial Accounting	2	2	40	60	100
5.	III	21G3ES	Environmental studies	1	1	40	60	100
6.		19A3SB1	Self Management Skills	2	2	40	60	100
7.	IV	21G4GS	Gender Studies	1	1	40	60	100
8.		19A4SB2	Interpersonal skills	2	2	40	60	100
9.	V	19A5SB3	Leadership Skills	2	2	40	60	100
10.		19A5SB4/ 21A5SB4 (2021-22)	Soft Skills	2	2	40	60	100



S.No	SEM.	COURSE CODE	COURSE TITLE	HRS	CREDITS	CIA Mks	ESE Mks	TOT. Mks
11.	VI	19A6SB5	Stress and Time management	2	2	40	60	100
12.		19A6SB6	Career management	2	2	40	60	100
TOTAL				20	20			

**PART - V - 1 CREDIT**

**OFF-CLASS PROGRAMMES - ALL PART-V**

**SHIFT - I**

S.No	SEM.	COURSE CODE	COURSE TITLE	HRS	CREDIT	TOT. Mks
1.	I - IV	21S4PED	Physical Education	30/ SEM	1	100
2.		21S4NSS	NSS			
3.		21S4NCC	NCC			
4.		21S4WEC	Women Empowerment Cell			
5.		21S4ACUF	AICUF			



**SHIFT - II**

S.No	SEM.	COURSE CODE	COURSE TITLE	HRS	CREDIT	TOT. Mks
1.	I - IV	21S4PED	Physical Education	30/ SEM	1	100
2.		21S4YRC	Youth Red Cross			
3.		21S4NSS	NSS			
4.		21S4RTC	Rotaract			
5.		21S4WEC	Women Empowerment Cell			
6.		21S4ACUF	AICUF			

**OFF-CLASS PROGRAMMES****ADD-ON COURSES**

COURSE CODE	COURSE TITLE	HRS.	CREDITS	SEMESTER IN WHICH THE COURSE IS OFFERED	CIA Mks	ES E Mks	TOTAL Mks
19UADCA	<b>COMPUTER APPLICATIONS</b> (offered by the department of PGDCA for Shift I)	40	2	I & II	40	60	100
19UADFC	<b>ONLINE SELF LEARNING</b>	40	2	I	100	-	100



<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>HRS.</b>	<b>CREDITS</b>	<b>SEMESTER IN WHICH THE COURSE IS OFFERED</b>	<b>CIA Mks</b>	<b>ES E Mks</b>	<b>TOTAL Mks</b>
	<b>COURSES-</b> Basic Multidisciplinary Course - Arts						
*	<b>ONLINE SELF LEARNING COURSE-</b> Basic Multidisciplinary Course - Science	40	2	II	100	-	100
21UAD3ES	Professional Ethics	15	1	III	40	60	100
21UAD4ES	Personality Development	15	1	IV	40	60	100
21UAD5ES	Family Life Education	15	1	V	40	60	100
21UAD6ES	Life Skills	15	1	VI	40	60	100
19UADHR	<b>HUMAN RIGHTS</b>	15	2	V	100	-	100
19UADRS	<b>OUTREACH PROGRAMME</b> - Reach Out to Society through Action <b>ROSA</b>	100	3	V & VI	100	-	100
19UAD6PR	<b>PROJECT</b>	30	4	VI	40	60	100
19UADRC	<b>READING</b>	10/Semest	1	II-VI	-	-	-

COURSE CODE	COURSE TITLE	HRS.	CREDITS	SEMESTER IN WHICH THE COURSE IS OFFERED	CIA Mks	ES E Mks	TOTAL Mks
	CULTURE	er					
TOTAL			20				

### EXTRA CREDIT COURSES

COURSE CODE	COURSE	HRS.	CREDITS	SEMESTER IN WHICH THE COURSE IS OFFERED	CIA MKS	ESE MKS	TOTAL MARKS
21UG2SLCA	HOUSEHOLD CHEMICALS AND MARKETING	-	2	II	40	60	100
22UG4SLAM	FINANCIAL MATHEMATICS	-	2	IV	40	60	100
19UGSLT	SELF LEARNING COURSE/S	-		VI	40	60	100
	MOOC COURSES / International Certified online Courses (Department Specific Courses/any	-	Minimum 2 Credits	I - VI	-	-	



	other courses) * Students can opt other than the listed course from UGC- SWAYAM UGC / CEC						
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**Self-Learning Inter-Disciplinary Courses in UG**

**SEMESTER-III**

**(For those who join from June- 2022 onwards)**

**DEPARTMENT OF COMMERCE AND MATHEMATICS**

PROGRAM ME CODE	COURSE CODE	COURSE TITLE	CATEGORY	HRS/ WEEK	CREDITS
UACO	22UG4SLAM	FINANCIAL MATHEMATICS	SELF LEARNING	2	2

**COURSE DESCRIPTION**

To enable students to have basic understanding & knowledge about the Basic concepts and applications of Accounting and Mathematics for advance study.

**COURSE OBJECTIVE:**

This course is designed for the students to learn about

- To enable the students to understand the concepts like structure of interest rates, basic models for asset prices, elementary statistical analysis and estimation of the distribution.
- To thorough insight into the fundamentals of financial accounting.

**Course out –comes**

- : Classify various concepts in structure of interest rate and basic models for asset prices.
- Explain elementary statistical analysis of returns and estimation of the distribution.
- Gain thorough Knowledge in preparing journal, ledger, Trial Balance
- Extensively apply knowledge on Accounting Ratios and Investment Accounts
- have an understanding on inflation Accounting

**Unit -I**

**Financial Calculus**

Introduction – Examples, Cashflows, interest rates, prices and returns, Bonds and the term structure of interest rates, Asset returns, Some basic models for asset prices.

**Unit –II**

**Financial Calculus (Continued)**

Elementary statistical analysis of returns, Measuring location, Measuring dispersion and risk, Value-at-risk, Expected shortfall, lower partial moments and coherent risk measures, Measuring skewness and kurtosis, Estimation of the distribution, Testing for normality, Financial instruments, Contingent claims, Spot contracts and forwards, Futures contracts, Options, Barrier options, Financial engineering.



### **UNIT III**

#### **INTRODUCTION TO ACCOUNTANCY**

Introduction- meaning and definition of accounting- rules of double entry book keeping- debit and credit- accounting concepts- journal, ledger, trial balance, final accounts.

### **UNIT IV**

#### **APPLICATION OF ACCOUNTING**

Accounting ratios, Investment accounts- cum interest and ex interest calculation

### **UNIT V**

#### **MODERN ACCOUNTING CONCEPTS**

Inflation accounting- introduction – purpose- CPP- CAA methods

##### **Text Book:**

1. **Ansgar Steland** - Financial statistics and Mathematical Finance – Methods, Models and Applications – First Edition 2012 - John Wiley & Sons, Ltd
2. Advanced Accountancy – Hanif and Mukerjee, Tata Mc Graw Hill Co., New Delhi
3. Financial Accounting- Dr T.S Reddy & .Dr A Murthy, ,Margham Publications. 2017
4. Advanced Accountancy – R.L. Gupta & M. Radhaswamy, Sultan Chand Publication, 13th revised edition, 2015

##### **Reference Book:**

1. **Amber Habib** - The Calculus of Finance – January 2011 – Universities Press
2. **S. Chandra, S. Dharmaraja, Aparna Mehra, R. Chemchandani** - Financial Mathematics : An introduction - Reprint 2014 – Narosa Publishing House
3. Advanced Accounting vol1/2, S.N.Maheswari,Vikas publications pvt ltd,2015
4. . Advanced Accounting, S.P. Jain & K.L. Narang, Kalyani Publishers, 2<sup>nd</sup>edition, 2015
5. Advanced Accounting, Dr.Arulanandham& Raman, Himalaya PublishingHouse Pvt ltd, 2015
6. Advanced Accounting vol-1, S.P.Iyengar,Sultanchand& sons, 2013