சென்னைப் பல்கலைக்கழகம்
University of Madras

Part-I

பொதுத் தமிழ் - பாடத்திட்டம்

General Tamil - Syllabus

4 பருவங்கள் (முதல் பருவம்)

(B.A., B.Sc., B.Com., BCA., BBA)

2023-24

பொதுத்தமிழ்-1

தமிழ் இலக்கிய வரலாறு -1

முதலாம் ஆண்டு – முதற் பருவம்

Course Code	Course Name	category	L	T	P	S	Credits	Ins.Hrs	CIA	External	Total
100L1AU	பொதுத்தமிழ் -1 தமிழ் இலக்கிய வரலாறு -1	Supportive	Y	-	-	-	3	6	25	75	100

Learning Objectives

- முதலாமாண்டுப் பட்ட வகுப்பு மாணவர்களுக்குத் தமிழ் மொழி இலக்கியங்களை அறிமுகம் செய்தல்
- தமிழ் இலக்கியப் போக்குகளையும், இலக்கணங்களையும் மாணவர் அறியுமாறு செய்து அவர்களின் படைப்பாற்றலைத் தூண்டுதல்
- தமிழ் இலக்கியம் சார்ந்த போட்டித் தேர்வுகளுக்கு ஏற்ப கற்பித்தல் நடைமுறைகளை மேற்கொள்ளுதல்

Expected Course Outcomes

On the Sucessful completion of the Course, Students will be able to

இப்பாடத்தைக் கற்பதால் பின்வரும் பயன்களை மாணவர் அடைவர்

CO 1	சங்க இலக்கியத்தில் காணப்பெறும் வாழ்வியல் சிந்தனைகளை அறிந்து கொள்வர்	K4
CO 2	அற இலக்கியம் மற்றும் தமிழ் காப்பியங்களின்வழி வாழ்வியல் சிந்தனையைப் பெறுவர்	K5, K6
CO 3	பக்தி இலக்கியங்களைக் கற்பதன் மூலம் பக்தி நெறியினையும், பகுத்தறிவு இலக்கியங்களைக் கற்பதன் வழி நல்லிணக்கத்தையும் தெரிந்து பின்பற்றுவர்	K3
CO 4	மொழியறிவோடு சிந்தனைத்திறனைப் பெறுவர்	K3
CO 5	மொழிப்பயிற்சிக்குத் தேவையான இலக்கணங்களைக் கற்பர்.	K2

K1 - Remember; K2 - Undestand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

அலகு-1	தமிழ் இலக்கிய, இலக்கண வரலாறு அறிமுகம்.

1. இலக்கணம்;

அ.தொல்காப்பியம், இறையனார் களவியல் உரை , நம்பியகப் பொருள், புறப்பொருள் வெண்பா மாலை, நன்னூல், தண்டியலங்காரம், யாப்பருங்கலக்காரிகை- நூல்கள்

ஆ.மொழிப் பயிற்சி- ஒற்றுப்பிழை தவிர்த்தல்

- வல்லினம் மிகும் இடங்கள்
- வல்லினம் மிகா இடங்கள்

- ஈரொற்று வரும் இடங்கள்
- ஒரு, ஓர் வரும் இடங்கள்
- அது, அஃது வரும் இடங்கள்
- தான், தாம் வரும் இடங்கள்

பயிற்சி : வல்லினம் மிகும் இடங்கள், மிகா இடங்கள் தவறாக வரும்வகையில் ஒரு பத்தி கொடுத்து ஒற்றுப் பிழை திருத்தி எழுதச் செய்தல்.

2. சங்க இலக்கியம் - எட்டுத்தொகை, பத்துப்பாட்டு
3. அற இலக்கியம்-பதினெண்கீழ்கணக்கு நூல்கள்
4. காப்பிய இலக்கியம் - ஐம்பெருங் காப்பியங்கள், ஐஞ்சிறு காப்பியங்கள், சமயக் காப்பியங்கள்
5. பக்தி இலக்கியமும் (பன்னிரு திருமுறைகள், நாலாயிர திவ்வியப் பிரபந்தம் -- பகுத்தறிவு இலக்கியமும் (சித்தர் இலக்கியங்கள், புலவர் குழந்தையின் இராவண காவியம்)

அலகு-2	சங்க இலக்கியம்

எட்டுத்தொகை ;எ

1. நற்றிணை-முதல் பாடல் -நின்ற சொல்லர்
2. குறுந்தொகை 3 ஆம் பாடல் -நிலத்தினும் பெரிதே
3. ஐங்குறுநூறு –நெல் பல பொலிக! பொன் பெரிது சிறக்க!' (முதல் பாடல்)-வேட்கைப் பத்து
4. கலித்தொகை- 51 - சுடர்த்தொடீஇக் கேளாய் -குறிஞ்சிக் கலி
5. புறநானூறு -189 தெண்கடல் வளாகம் பொதுமையின்றி, நாடா கொன்றோ -187

பத்துப்பாட்டு;

1. முல்லைப்பாட்டு (முழுவதும்)

அலகு-3	அற இலக்கியம்

1.திருக்குறள் -அறன் வலியுறுத்தல் அதிகாரம்

2.நாலடியார்-பாடல்: 131 (குஞ்சியழகும்)

3.நான்மணிக்கடிகை-நிலத்துக்கு அணியென்ப

4.பழமொழி நானூறு- தம் நடை நோக்கார்

5.இனியவை நாற்பது- 37. இளமையை மூப்பு என்று

அலகு-4	காப்பிய இலக்கியம்

1. சிலப்பதிகாரம் – வழக்குரைகாதை
2. மணிமேகலை- பாத்திரம் பெற்ற காதை
3. பெரியபுராணம் - பூசலார் நாயனார்புராணம்
4. கம்பராமாயணம்- குகப் படலம்
5. சீறாப்புராணம் – மானுக்குப் பிணை நின்ற படலம்

6. இயேசு காவியம் -ஊதாரிப்பிள்ளை	
அலகு-5	பக்தி இலக்கியமும், பகுத்தறிவு இலக்கியமும்

பக்தி இலக்கியம்;

1. திருநாவுக்கரசர் தேவாரம் - நாமார்க்கும் குடியல்லேம் எனத் தொடங்கும் பாடல் மட்டும்
2. மாணிக்கவாசகர் திருவாசகம் - நமச்சிவாய வாஅழ்க நாதன்தாள் வாழ்க முதல் சிரம்குவிவார் ஓங்குவிக்கும் சீரோன் கழல் வெல்க வரை
3. பொய்கையாழ்வார்-வையந் தகளியா வார்கடலே
4. பூதத்தாழ்வார்-அன்பே தகளியா
5. பேயாழ்வார்-திருக்கண்டேன் பொன்மேனி கண்டேன்
6. ஆண்டாள் – திருப்பாவை மார்கழித் திங்கள் (முதல் பாடல்)

பகுத்தறிவு இலக்கியம்;

- திருமூலர் – திருமந்திரம் (270,271, 274, 275 285)
- பட்டினத்தார் -திருவிடை மருதூர் (காடே திரிந்து – எனத் தொடங்கும் பாடல் பா.எண ;.279, 280)
- கடுவெளி சித்தர் - பாபஞ்செய் யாதிரு *மனமே* (பாடல் முழுவதும்)
- இராவண காவியம் – தாய்மொழிப் படலம் - 18. ஏடுகை யில்லா ரில்லை முதல் - 22. செந்தமிழ் வளர்த்தார். வரை

Text books

•	.

Reference Books

- மு. வரதராசன், தமிழ் இலக்கிய வரலாறு, சாகித்ய அக்காதெமி, புதுடெல்லி.
- மது. ச. விமலானந்தன், தமிழ் இலக்கிய வரலாறு, மீனாட்சி புத்தக நிலையம், மதுரை.
- தமிழண்ணல், புதிய நோக்கில் தமிழ் இலக்கிய வரலாறு, மீனாட்சி புத்தக நிலையம், மதுரை.
- தமிழ் இலக்கிய வரலாறு –முனைவர்.சிற்பி பாலசுப்ரமணியம், முனைவர்.சொ.சேதுபதி
- புதிய தமிழ் இலக்கிய வரலாறு– முனைவர்.சிற்பி பாலசுப்ரமணியம்,நீல.பத்மநாபன்
- தமிழ் இலக்கிய வரலாறு - டாக்டர்.அ.கா.பெருமாள்
- தமிழ் இலக்கிய வரலாறு –முனைவர். ப.ச.ஏசுதாசன்
- தமிழ் இலக்கிய வரலாறு – ஸ்ரீ குமார்
- வகைமை நோக்கில் தமிழ் இலக்கிய வரலாறு–பாக்கியமேரி
- தமிழ் பயிற்றும் முறை, பேராசிரியர் ந. சுப்புரெட்டியார் - மணிவாசகர் பதிப்பகம், சிதம்பரம்

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

Web Sources

- https://www.chennailibrary.com/
- https://www.sirukathaigal.com
- https://www.tamilvirtualuniversity.org
- https://www.noolulagam.com
- https://www.katuraitamilblogspot.com

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PSO 1	PSO 2
CLO1	3	2	3	3	3	2	2	2	3	2	3	2
CLO2	3	3	2	2	2	3	2	3	3	2	2	2
CLO3	3	2	3	3	2	2	2	3	2	3	3	2
CLO4		3	3	2	2	2	3	2	3	2	3	3
CLO5	3	3	2	2	2	3	3	2	2	2	3	3

Strong -3,Medium-2,Low-1

1.

UNIVERSITY OF MADRAS

FOUNDATION COURSE: ENGLISH

SYLLABUS WITH EFFECT FROM 2023-2024

FIRST YEAR - SEMESTER I

PAPER II –GENERAL ENGLISH

Subject Code	Category	L	T	P	S	Credits	Inst. Hours	Marks		
								CIA	External	Total
100L1ZU	**Part II**	Y	Y	-	-	3	6	25	75	100

Learning Objectives		
LO1	To enable learners to acquireself awareness and positive thinking required in various life situations.	
LO2	To help them acquire the attribute of empathy	
LO3	To assist them in acquiring creative and critical thinking abilities	
LO4	To enable them to learn the basic grammar	
LO5	To assist them in developing LSRW skills	
Unit No.	**Unit Title & Text**	**No. of Periods for the Unit**
I	**SELF-AWARENESS(WHO)&POSITIVE THINKING(UNICEF)** **Life Story** 1.1 Chapter 1 from MalalaYousafzai, I am Malala 1.2 An Autobiography or The Story of My Experiments with Truth (Chapters 1, 2 & 3) M.K.Gandhi **Poem** 1.3 Where the Mind is Without Fear – Gitanjali 35 – Rabindranath Tagore 1.4 Love Cycle – Chinua Achebe	20
II	**EMPATHY** **Poem** 2.1 Nine Gold Medals – David Roth 2.2 Alice Fell or poverty – William Wordsworth **Short Story** 2.3 The School for Sympathy – E.V. Lucas 2.4 Barn Burning – William Faulkner	20
III	**CRITICAL & CREATIVE THINKING** **Poem** 3.1 The Things That Haven't Been Done Before – Edgar Guest 3.2 Stopping by the Woods on a Snowy Evening – Robert Frost	20

	Readers Theatre 3.3 The Magic Brocade – A Tale of China 3.4 Stories on Stage – Aaron Shepard (Three Sideway Stories from Wayside School" by Louis Sachar)	
IV	**Part of Speech** 4.1 Articles 4.2 Noun 4.3 Pronoun 4.4 Verb 4.5 Adverb 4.6 Adjective 4.7 Preposition	15
V	**Paragraph and Essay Writing** 5.1 Descriptive 5.2 Expository 5.3 Persuasive 5.4 Narrative **Reading Comprehension**	15

Course Outcomes		
Course Outcomes	On completion of this course,students will:	
CO1	Acquire self awareness and positive thinking required in various life situations	PO1,PO7
CO2	Acquire the attribute of empathy.	PO1,PO2,PO10
CO3	Acquire creative and critical thinking abilities.	PO4,PO6,PO9
CO4	Learn basic grammar	PO4,PO5,PO6
CO5	Development and integrate the use of four language skills i.e., listening, speaking, readingand writing.	PO3,PO8

	Text books (Latest Editions)
1.	MalalaYousafzai. I am Malala, Little, Brown and Company, 2013.
2.	M.K. Gandhi. An Autobiography or The Story of My Experiments with Truth (Chapter – I), Rupa Publications, 2011.
3.	Rabindranath Tagore. "Gitanjali 35" from Gitanjali (Song Offerings): A Collection of Prose Translations Made by the Author from the Original Bengali. MacMillan, 1913.
4.	N.Krishnasamy. Modern English: A Book of Grammar, Usage and Composition Macmillan, 1975.
5.	Aaron Shepard. Stories on Stage, ShepardPublications, 2017.
6.	J.C. Nesfield. English Grammar Composition and Usage, Macmillan, 2019.

Web Resources	
1	MalalaYousafzai. I am Malala (Chapter 1) https://archive.org/details/i-am-malala
2	M.K Gandhi. An Autobiography or The Story of My Experiments with Truth(Chapter-1)- Rupa Publication, 2011 https://www.indiastudychannel.com/resources/146521-Book-Review-An-Autobiography-or-The-story-of-my-experiments-with-Truth.aspx
3	Rabindranath Tagore. "Gitanjali 35" from Gitanjali (Song Offerings)https://www.poetryfoundation.org/poems/45668/gitanjali-35
4	Aaron Shepard.Stories on Stage, Shepard Publications, 2017 https://amzn.eu/d/9rVzlNv
5	J C Nesfield. Manual of English Grammar and Composition. https://archive.org/details/in.ernet.dli.2015.44179

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	3	3	3	3	3	2	3	2
CO2	2	3	3	3	2	3	3	2	2	2
CO3	3	3	3	2	3	3	3	2	3	2
CO4	3	3	3	3	3	3	3	2	2	2
CO5	3	2	3	3	3	3	3	2	2	3

Mapping with Programme Specific Outcomes:

CO /PO	PSO1	PSO2	PSO3	PSO4
CO1	3	3	3	3
CO2	3	3	3	3
CO3	3	3	3	3
CO4	3	3	3	3
CO5	3	3	3	3
Weightage	15	15	15	15
Weighted percentage of Course Contribution to POS	3.0	3.0	3.0	3.0

3 – Strong, 2 – Medium, 1 - Low

UNIVERSITY OF MADRAS

B.COM. DEGREE PROGRAMME IN COMPUTER APPLICATIONS

SYLLABUS WITH EFFECT FROM 2023-2024

FIRST YEAR – SEMESTER – I

CORE–I: FINANCIAL ACCOUNTING - I

(Common to BCom-Gen., AF, BM, MM, ISM, Co-op. & CS)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
147C1A	5				5	5	25	75	100

Learning Objectives	
LO1	To understand the basic accounting concepts and standards.
LO2	To know the basis for calculating business profits.
LO3	To familiarize with the accounting treatment of depreciation.
LO4	To learn the methods of calculating profit for single entry system.
LO5	To gain knowledge on the accounting treatment of insurance claims.

Prerequisites: Should have studied Accountancy in XII Std

Unit	Contents	No. of Hours
I	**Fundamentals of Financial Accounting** Financial Accounting – Meaning, Definition, Objectives, Basic Accounting Concepts and Conventions - Journal, Ledger Accounts– Subsidiary Books — Trial Balance - Classification of Errors – Rectification of Errors – Preparation of Suspense Account – Bank Reconciliation Statement - Need and Preparation	15
II	**Final Accounts** Final Accounts of Sole Trading Concern- Capital and Revenue Expenditure and Receipts – Preparation of Trading, Profit and Loss Account and Balance Sheet with Adjustments.	15
III	**Depreciation and Bills of Exchange** Depreciation - Meaning – Objectives – Accounting Treatments - Types - Straight Line Method – Diminishing Balance method – Conversion method. Units of Production Method – Cost Model vs Revaluation **Bills of Exchange** – Definition – Specimens – Discounting of Bills – Endorsement of Bill – Collection – Noting – Renewal – Retirement of Bill under rebate	15
IV	**Accounting from Incomplete Records – Single Entry System** Incomplete Records -Meaning and Features - Limitations - Difference between Incomplete Records and Double Entry System - Methods of Calculation of Profit - Statement of Affairs Method – Preparation of final statements by Conversion method.	15
V	**Royalty and Insurance Claims** Meaning – Minimum Rent – Short Working – Recoupment of Short Working – Lessor and Lessee – Sublease – Accounting Treatment. **Insurance Claims** –Calculation of Claim Amount-Average clause (Loss of Stock only)	15
TOTAL		**75**

THEORY 20% & PROBLEM 80%

UNIVERSITY OF MADRAS

B.COM. DEGREE PROGRAMME IN COMPUTER APPLICATIONS

SYLLABUS WITH EFFECT FROM 2023-2024

CO	Course Outcomes
CO1	Remember the concept of rectification of errors and Bank reconciliation statements
CO2	Apply the knowledge in preparing detailed accounts of sole trading concerns
CO3	Analyse the various methods of providing depreciation
CO4	Evaluate the methods of calculation of profit
CO5	Determine the royalty accounting treatment and claims from insurance companies in case of loss of stock.
Textbooks	
1.	S. P. Jain and K. L. Narang Financial Accounting- I, Kalyani Publishers, New Delhi.
2.	S.N. Maheshwari, Financial Accounting, Vikas Publications, Noida.
3.	Shukla Grewal and Gupta, "Advanced Accounts", volume 1, S.Chand and Sons, New Delhi.
4.	Radhaswamy and R.L. Gupta: Advanced Accounting, Sultan Chand, New Delhi.
5.	R.L. Gupta and V.K. Gupta, "Financial Accounting", Sultan Chand, New Delhi.
6.	Dr. K. Murugadoss, Dr. M. Jaya, Dr. V. Charulatha & Dr. D. Baskar Financial Accounting, Vijay Nicole Imprints Private Limited, Chennai
7.	T.S. Reddy and Dr. A. Murthy, Financial Accounting, Margham Publications, Chennai
Reference Books	
1.	Dr. Arulanandan and Raman: Advanced Accountancy, Himalaya Publications, Mumbai.
2.	Tulsian , Advanced Accounting, Tata McGraw Hills, Noida.
3.	Charumathi and Vinayagam, Financial Accounting, S.Chand and Sons, New Delhi.
4.	Goyal and Tiwari, Financial Accounting, Taxmann Publications, New Delhi.
5.	Robert N Anthony, David Hawkins, Kenneth A. Merchant, Accounting: Text and Cases. McGraw-Hill Education, Noida.
NOTE: Latest Edition of Textbooks May be Used	
Web Resources	
1.	https://www.slideshare.net/mcsharma1/accounting-for-depreciation-1
2.	https://www.slideshare.net/ramusakha/basics-of-financial-accounting
3.	https://www.accountingtools.com/articles/what-is-a-single-entry-system.html

MAPPING WITH PROGRAMME OUTCOMES
AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	3	2	3	2	2	3	2	2
CO2	3	2	3	3	3	2	2	2	3	2	2
CO3	3	2	3	3	3	2	2	2	3	2	2
CO4	3	2	3	3	2	2	2	2	3	2	2
CO5	3	2	3	3	3	2	2	2	3	2	2
TOTAL	15	10	15	15	13	11	10	10	15	10	10
AVERAGE	3	2	3	3	2.6	2.2	2	2	3	2	2

3 – Strong, 2- Medium, 1- Low

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FIRST YEAR – SEMESTER – I

CORE–II: PRINCIPLES OF MANAGEMENT

(Common to BCom-Gen., AF, BM, MM, ISM, Co-op. & CS)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
147C1B	5				5	5	25	75	100

Learning Objectives	
LO1	To understand the basic management concepts and functions
LO2	To know the various techniques of planning and decision making
LO3	To familiarize with the concepts of organisation structure
LO4	To gain knowledge about the various components of staffing
LO5	To enable the students in understanding the control techniques of management

Prerequisites: Should have studied Commerce in XII Std

Unit	Contents	No. of Hours
I	**Introduction to Management** Meaning- Definitions – Nature and Scope - Levels of Management – Importance - Management Vs. Administration – Management: Science or Art –Evolution of Management Thoughts – F. W. Taylor, Henry Fayol, Peter F. Drucker, Elton Mayo - Functions of Management - Trends and Challenges of Management. Managers – Qualification – Duties & Responsibilities.	**15**
II	**Planning** Planning – Meaning – Definitions – Nature – Scope and Functions – Importance and Elements of Planning – Types – Planning Process - Tools and Techniques of Planning – Management by Objective (MBO). Decision Making: Meaning – Characteristics – Types - Steps in Decision Making – Forecasting.	**15**
III	**Organizing** Meaning - Definitions - Nature and Scope – Characteristics – Importance – Types - Formal and Informal Organization – Organization Chart – Organization Structure: Meaning and Types - Departmentalization– Authority and Responsibility – Centralization and Decentralization – Span of Management.	**15**
IV	**Staffing** Introduction - Concept of Staffing- Staffing Process – Recruitment – Sources of Recruitment – Modern Recruitment Methods - Selection Procedure – Test-Interview– Training: Need - Types– Promotion –Management Games – Performance Appraisal - Meaning and Methods – 360 degree Performance Appraisal – Work from Home - Managing Work from Home [WFH].	**15**

V	**Directing** Motivation –Meaning - Theories – Communication – Types - Barriers to Communications – Measures to Overcome the Barriers. Leadership – Nature - Types and Theories of Leadership – Styles of Leadership - Qualities of a Good Leader – Successful Women Leaders – Challenges faced by women in workforce - Supervision. **Co-ordination and Control** Co-ordination – Meaning - Techniques of Co-ordination. Control - Characteristics - Importance – Stages in the Control Process - Requisites of Effective Control and Controlling Techniques – Management by Exception [MBE].	**15**
	Total	**75**
Course Outcomes		
CO1	Demonstrate the importance of principles of management.	
CO2	Paraphrase the importance of planning and decision making in an organization.	
CO3	Comprehend the concept of various authorizes and responsibilities of an organization.	
CO4	Enumerate the various methods of Performance appraisal	
CO5	Demonstrate the notion of directing, co-coordination and control in the management.	
Textbooks		
1	Gupta.C.B, -Principles of Management-L.M. Prasad, S.Chand& Sons Co. Ltd, New Delhi.	
2	DinkarPagare, Principles of Management, Sultan Chand & Sons Publications, New Delhi.	
3	P.C.Tripathi& P.N Reddy, Principles of Management. Tata McGraw, Hill, Noida.	
4	L.M. Prasad, Principles of Management, S.Chand&Sons Co. Ltd, New Delhi.	
5	R.K. Sharma, Shashi K. Gupta, Rahul Sharma, Business Management, Kalyani Publications, New Delhi.	
Reference Books		
1	K Sundhar, Principles Of Management, Vijay Nichole Imprints Limited, Chennai	
2	Harold Koontz, Heinz Weirich, Essentials of Management, McGraw Hill, Sultan Chand and Sons, New Delhi.	
3	Grifffin, Management principles and applications, Cengage learning, India.	
4	H.Mintzberg - The Nature of Managerial Work, Harper & Row, New York.	
5	Eccles, R. G. & Nohria, N. Beyond the Hype: Rediscovering the Essence of Management. Boston The Harvard Business School Press, India.	
NOTE: Latest Edition of Textbooks May be Used		

Web Resources	
1	http://www.universityofcalicut.info/sy1/management
2	https://www.managementstudyguide.com/manpower-planning.htm
3	https://www.businessmanagementideas.com/notes/management-notes/coordination/coordination/21392

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	2	3	3	2	2	2	3	2	3
CO2	3	2	3	3	2	2	2	2	3	2	2
CO3	3	2	2	3	2	2	2	1	3	2	2
CO4	3	2	2	3	2	2	2	2	3	2	2
CO5	3	2	3	3	2	2	2	1	3	2	2
TOTAL	15	10	12	15	11	10	10	8	15	10	11
AVERAGE	3	2	2.4	3	2.2	2	2	1.6	3	2	2.2

3 – Strong, 2- Medium, 1- Low

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FIRST YEAR – SEMESTER - I

ELECTIVE - I: PYTHON PROGRAMMING AND LAB

(Common to BCom-ISM)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
147E1B	**2**		**2**		**3**	**4**	**40**	**60**	**100**

Learning Objectives	
LO1	Describe the core syntax and semantics of Python programming language.
LO2	Discover the need for working with the strings and functions.
LO3	Illustrate the process of structuring the data using lists, dictionaries, tuples and sets.
LO4	Understand the usage of packages and Dictionaries

Prerequisites: Should have studied Commerce in XII Std

Unit	Contents	No. of Hours
I	Introduction: Computer algorithms-Computer Hardware-Computer Software-Python programming language - Literals - Variables and Identifiers - Operators - Expressions and Data types, Input / output	**12**
II	Control Structures: Boolean Expressions - Selection Control - If Statement- Indentation in Python- Multi-Way Selection -- Iterative Control- While Statement- Infinite loops- Definite vs. Indefinite Loops- Boolean Flag. String, List and Dictionary, Manipulations Building blocks of python programs, Understanding and using ranges.	**12**
III	Functions: Program Routines- Defining Functions- More on Functions: Calling Value-Returning Functions- Calling Non-Value-Returning Functions- Parameter Passing - Keyword Arguments in Python - Default Arguments in Python-Variable Scope. Recursion: Recursive Functions	**12**
IV	Objects and their use: Software Objects - Turtle Graphics – Turtle attributes-Modular Design: Modules - Top-Down Design - Python Modules -	**12**
V	Dictionaries and Sets: Dictionary type in Python - Set Data type. Text Files: Opening, reading and writing text files – Exception Handling	**12**
	Total (Theory + Practical)	**60**

Course Outcomes	
CO1	Develop and execute simple Python programs
CO2	Write simple Python programs using conditionals and looping for solving problems
CO3	Decompose a Python program into functions
CO4	Represent compound data using Python lists, tuples, dictionaries etc.

Textbooks	
1	Charles Dierbach, “Introduction to Computer Science using Python - A computational Problem-solving Focus”, Wiley India Edition, 2015.

2	Wesley J. Chun, "Core Python Applications Programming", 3rd Edition , Pearson Education, 2016
3	Mark Lutz, "Learning Python Powerful Object Oriented Programming", O'reilly Media 2018, 5th Edition.
Reference Books	
1	Timothy A. Budd, "Exploring Python", Tata MCGraw Hill Education Private Limited 2011, 1 st Edition.
2	John Zelle, "Python Programming: An Introduction to Computer Science", Second edition, Course Technology Cengage Learning Publications, 2013, ISBN 978-1590282410
3	Michel Dawson, "Python Programming for Absolute Beginers" , Third Edition, Course Technology Cengage Learning Publications, 2013, ISBN 978-1435455009
NOTE: Latest Edition of Textbooks May be Used	
Web Resources	
1	https://onlinecourses.swayam2.ac.in/cec22_cs20/preview

Python Programming Lab	

Learning Objectives: (for teachers: what they have to do in the class/lab/field)

- Acquire programming skills in core Python.
- Acquire Object-oriented programming skills in Python.
- Develop the skill of designing graphical-user interfaces (GUI) in Python.
- Develop the ability to write database applications in Python.
- Acquire Python programming skills to move into specific branches

Course Outcomes: (for students: To know what they are going to learn)

CO1: To understand the problem solving approaches

CO2: To learn the basic programming constructs in Python

CO3: To practice various computing strategies for Python-based solutions to real world problems

CO4: To use Python data structures - lists, tuples, dictionaries.

List of Programs

1. Program to convert the given temperature from Fahrenheit to Celsius and vice versa depending upon user's choice.
2. Write a Python program to construct the following pattern, using a nested loop

```
*
**
***
****
*****
```

****
***
**
*

3. Program to calculate total marks, percentage and grade of a student. Marks obtained in each of the five subjects are to be input by user. Assign grades according to the following criteria:
   Grade A: Percentage >=80 Grade B: Percentage >=70 and 80
   Grade C: Percentage >=60 and <70 Grade D: Percentage >=40 and <60
   Grade E: Percentage < 40
4. Program, to find the area of rectangle, square, circle and triangle by accepting suitable input parameters from user.
5. Write a Python script that prints prime numbers less than 20.
6. Program to find factorial of the given number using recursive function.
7. Write a Python program to count the number of even and odd numbers from array of N numbers.
8. Write a Python class to reverse a string word by word.
9. Read a file content and copy only the contents at odd lines into a new file.
10. Create a Turtle graphics window with specific size.

Extended Professional Component	Questions related to the above topics, from various competitive examinations UPSC / TRB / NET / UGC – CSIR / GATE / TNPSC / others to be solved (To be discussed during the Tutorial hour)
Skills acquired from the course	Knowledge, Problem Solving, Analytical ability, Professional Competency, Professional Communication and Transferrable Skill

Learning Resources:

- **Recommended Texts**

1. Charles Dierbach, “Introduction to Computer Science using Python - A computational Problem-solving Focus”, Wiley India Edition, 2015.

2. Wesley J. Chun, “Core Python Applications Programming”, 3rd Edition , Pearson Education, 2016

- **Reference Books**

1. Mark Lutz, “Learning Python Powerful Object Oriented Programming”, O’reilly Media 2018, 5th Edition.
2. Timothy A. Budd, “Exploring Python”, Tata MCGraw Hill Education Private Limited 2011, 1 st Edition.
3. John Zelle, “Python Programming: An Introduction to Computer Science”, Second edition, Course Technology Cengage Learning Publications, 2013, ISBN 978- 1590282410
4. Michel Dawson, “Python Programming for Absolute Beginers” , Third Edition, Course Technology Cengage Learning Publications, 2013, ISBN 978-1435455009

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FIRST YEAR – SEMESTER – I

SEC–1: MS OFFICE FOR COMMERCE (Practical)

(Common to BCom-Gen., AF, BM, MM, & ISM)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
147S1A			2		2	2	40	60	100

Unit	Contents	No. of Hours
I	**Introduction to MS Word & Commonly used features** Introduction to Word processing -Word processor / Editor - File Extension - DOCx, DOTx - Application / Document area Title Bar, Menu Bar, Ribbon, Icons, Status Bar, Scroll Bar - Page Layout - Page Size (Letter / A4) - Orientation (Landscape / Portrait) - Margin (Top, Left, Bottom, Right) -Navigation(Arrow keys, Ctrl + Arrow keys, Home, End, Page UP/ Page Down) - Selection - Using Shift + Navigation Fonts / Superscript / Subscript - Show / Hide - Displays non printing characters (Space / TAB / Enter) - Change Case - Bullets / Numbering - Format Painter – Clipboard - Find / Replace Screen shot - Prnt SCR / Alt + PrntScr – Indent - Line and Para spacing - Tab Stop - Text to Table - Table to Text	**6**
II	**Insert Tab & Mail Merge** Insert Tab - Picture (Styles, Border, Effects, Warp Text, Align, Rotate, Flip, Crop) - Water Mark - Shapes (Group, Ungroup, Bring to Front, Send to Back, Format shape) – Hyperlink – Bookmark - Text Box - Word Art Tables - Rows , Columns, Cell - Merge Cell - Split Cell TOC - Update entire - Header / Footer - Cover Page - Break - Section Break - Spell Check - ABC / F7 - Word Count Working with Mail Merge	**6**
III	**Introduction to MS Powerpoint** Creating Presentation - File Extension - PPTx, PPSx - Slides and Layouts, Apply Background - Title Bar, Menu Bar, Ribbon, Icons, Status Bar, Scroll Bar - View - Slide Master Insert Logo - to display in all slides - Change Text color - to maintain consistency in all slides Slideshow - F5 / Shift F5 New Slide - Ctrl + M Animation Effects - Apply in objects within the Slide Transition Effect - Apply between slides Rehearse Timing - Set timing to each slide Loop until ESC - After reaching LAST slide, display again from 1st slide. SaveAs - PPSx - PowerPoint Show SlideShow - Use Pen / Highlighter Paste the Chart from Excel - Data linked to Excel source Insert Chart within PowerPoint - Data linked internally	**6**

IV	**Introduction to MS Excel &Using Formulas** Working with Excel Opening a Workbook - Understanding the Display Screen Working with the Ribbon - Exploring the File Tab - Working with the Quick Access Toolbar - Working with the Status Bar- Switching Between Opened Workbooks Entering Data - Moving the Cell Pointer - Selecting a Range of Cells - Creating a New Workbook - Inserting, Renaming, and Deleting Worksheets - Entering Constant Values - Using Auto Fill to Enter Data - Saving a Workbook - Editing Cell Contents Clearing Cell Contents - Insert / Edit Comments - Working with Undo and Redo - Closing a Workbook Using Formulas Entering Formulas with Addressing Methods (Relative / Mixed / Absolute) - Using Auto Fill with Formulas - Using the Sum, Average, Max, Min, Count Functions - Using IF and NestedIf Function - Using Text Functions (Len, Trim, Left, Right, Mid, Find, Replace, Upper, Lower, Proper) - Using Date Functions (Today, Now, Day, Month, Year) - Using Lookup Functions (Vlookup, Hlookup) - Using Formula Error Checking - Cutting / Copying and Pasting Constant Values and Formulas - Copy / Pasting using Transpose option - Using Format Painter	**6**
V	**Working on multiple Worksheets & Working with huge Datasets** Formatting Worksheets - Formatting Numbers - Changing the Font Format - Aligning Cell Contents - Merging Cells Adding Borders - Applying Cell Styles - Modifying Columns and Rows - Changing Column Width - Changing Row Height Inserting and Deleting Columns or Rows - Hiding Columns or Rows - Editing Workbooks - Working with AutoCorrect Checking Spelling - Using Find and Replace - Using Hyperlinks (Internal / External) Working with huge Dataset Using multilevel Sort - Using Filters - Fetching Unique Records Finding Duplicates - Applying Conditional Formatting Rules Applying Freeze Panes - Using Pivot Table (Layout & Format) Working with Charts Pie / Bar / Column / Line Charts - Titles / Legends / Data labels Copy / Pasting in Word / PowerPoint Printing Worksheets Using Print Preview - Working with Print Settings - Using Page Setup Tools - Working in Page Layout View - Creating a Header and Footer - Using Page Break Preview - Printing a Worksheet Exiting Excel	**6**
	Total	**30**

Reference Books	
1	Hart-Davis, G., Kettell, J. A., Simmons, C. (2003). Microsoft Office 2003: The Complete Reference. United Kingdom: McGraw-Hill/Osborne.
2	Lambert, J., Frye, C. (2018). Microsoft Office 2019 Step by Step. United States: Pearson Education.
3	Lambert, J., Cox, J. (2007). Microsoft Office Word 2007 Step by Step. United States: Microsoft Press.
4	Richardson, T., Held, B., Moriarty, B. (2019). Microsoft Excel Functions and Formulas with Excel 2019/Office 365. United States: Mercury Learning and Information
5	Lalwani, L. (2019). Excel 2019 All-in-One: Master the New Features of Excel 2019 / Office 365. India: BPB Publications.
6	Weverka, P. (2010). PowerPoint 2010 All-in-One For Dummies. Germany: Wiley.
Web Resources	
1	Ms Word tutorial: https://youtu.be/S-nHYzK-BVg
2	Ms PowerPoint: https://youtu.be/XF34-Wu6qWU
3	Mail Merge material: https://support.microsoft.com/en-us/office/use-mail-merge-for-bulk-email-letters-labels-and-envelopes-f488ed5b-b849-4c11-9cff-932c49474705
4	Ms Excel functions: https://youtu.be/ShBTJrdioLo
5	Materials : https://support.microsoft.com/en-us/training

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FIRST YEAR – SEMESTER – I

FOUNDATION COURSE – PROFESSIONAL ETHICS

(Common to BCom-Gen., AF, BM, MM & ISM)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
147B1A	2				2	2	40	60	100

Unit	Contents	No. of Hrs.
I	**Concept and Theories of Business Ethics:** Definition of Ethics – Personal Ethics and Business Ethics – Morality and Law – How are moral standards are formed? - Religion and Morality – Morality, Etiquette and - Professional Codes – Indian Ethical Traditions.	6
II	**Business Ethics:** Principles of Personal Ethics – Principles of Professional Ethics – Evaluation of Ethics over the Years – Honesty, Integrity and Transparency – Distinction between Values and Ethics – Roots of Unethical Behaviour – Ethical Decision-making.	6
III	**Ethical Dilemmas, Sources and their Resolutions:** What is an Ethical Dilemma? – Sources of Ethical Behaviour – Code of Personal Ethics for Employees – How to resolve an Ethical problem? – How to resolve Ethical Dilemmas?	6
IV	**Ethical Decision-making in Business:** Ethical Models that guide Decision-making – Which approach to use? – Ethical Decision-making with cross-holder Conflicts and Competition – Applying Moral Philosophy to Ethical Decision-making – Kohlberg's Model of Cognitive Moral Development – Influences on Ethical Decision-making – Personal values and Ethical Decision-making.	6
V	**Human Values for Indian Managers:** Lessons from Ancient Indian Education System – The Law of Karma – Quality of Work Life – Ethics of Vivekananda, Gandihiji, Aurobindo and Tagore.	6
	Total	30

Textbooks

1	Tom L. Beauchamp and Norman E. Bowie, "Ethical Theory and Business", Prentice Hall, New Jersey
2	Manual Vela Squez, "Business Ethics Concepts and Cases", Prentice Hall, New Jersey
3	Kenneth Blanchard and Norman Vincent Peale, "The Power of Ethical Management", New York, William Morrow & Co
4	Dr.S.S.Khanka, "Business Ethics and Corporate Governance",S Chand and Company Ltd,NewDelhi.
5	R.S.Naagarazan, "A Textbook on Professional Ethics and Human Values", New Age International(P) Limited.
6	A.C.Fernando, "Business Ethics and Corporate Governance", Pearson.
7	A.C.Fernando,K.P.Muraleedharan, E.K.Satheesh, "Business Ethics - An Indian Perspective",Pearson India Education Service Pvt Ltd.