

Sr. No.	Semester II	Type of course	Credit	Marks
2.1	Commerce II – Human Resource Management	Major (Core)	4	100
2.2	Financial Accountancy Paper II (3)	Major (Core)	2	50
2.3	Business Documents	Minor Stream	2	50
2.4	Financial Inclusion	OEC	4	100
2.5	*Specialized Course- 1/2/3/4 (Paper II) (4)	VSC	2	50
2.6	Introduction to Spreadsheet	SEC	2	50
2.7	English-A/ English-B/ Hindi/ Marathi	AEC	2	50
2.8	Vedic Maths-II	VEC	2	50
2.9	Sports / NSS / NCC / Green Club/ Students Council	CC	2	50
		Total	22	550

SEVA MANDAL EDUCATION SOCIETY'S
SMT.MANIBEN M.P SHAH WOMEN'S COLLEGE OF ARTS & COMMERCE
(AUTONOMOUS)

Programme Name: B. Com/ B. Com-AFI

Proposed Syllabus under NEP

Year of Implementation: 2023-24

Course Category	Major (Core)
Level	4.5
Course Title	HUMAN RESOURCE MANAGEMENT
Semester	II
Course Credit	4
No. of Lecture per week	4
Marks of Comprehensive Continuous Evaluation	50
Marks of Semester End Examination	50

Course Title: HUMAN RESOURCE MANAGEMENT

Course Outcomes	<p>After going through the course, learners will be able to</p> <ul style="list-style-type: none"> ● Get introduced to the concept HRM ● Explain the role and importance of HRM ● Understand HR planning and its contents ● Distinguish and understand the various functions of HRM
Module 1 (Credit 1)	Title of the Module: Introduction to Human Resource Management (HRM) and Human Resource Planning
Learning Outcomes	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> ● Understand the concept and scope of HRM ● Differentiate between Management and Administration ● Gain general knowledge and understand the framework and key functions and responsibilities of Human Resource Manager as applied in practice. ● Define the need and responsibility for Human Resource Planning in an organization

	<ul style="list-style-type: none"> ● Explain the meaning and various sources of Recruitment
Content Outline	<p>1.1 Human Resource Management</p> <ul style="list-style-type: none"> ● Meaning ● Difference between Management and Administration ● Importance ● Scope <p>1.2 Human Resource Planning</p> <ul style="list-style-type: none"> ● Meaning ● Process <p>1.3 Recruitment</p> <ul style="list-style-type: none"> ● Meaning ● Sources
Module 2 (Credit 1)	Title of the Module: Selection, Placement, Job Design & Job Analysis
Learning Outcomes	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> ● Define the need to select the right candidate for the right job and understand its process. ● Need for Induction ● Understand the concept of job design and job analysis and its practical application.
Content Outline	<p>2.1 Selection</p> <ul style="list-style-type: none"> ● Meaning ● Steps <p>2.2 Placement and Induction</p> <ul style="list-style-type: none"> ● Meaning ● Importance <p>2.3 Job Design, Job Analysis, Job Description, Job Specification</p> <ul style="list-style-type: none"> ● Purpose ● Use ● Contents
Module 3 (Credit 1)	Title of the Module: Performance Appraisal and Employee Empowerment
Learning Outcomes	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> ● Gain knowledge and importance of the need for Performance appraisal ● Explain different methods of performance appraisal

	<ul style="list-style-type: none"> Define the need for training and identify methods to impart training
	<p>3.1 Performance Appraisal.</p> <ul style="list-style-type: none"> Concept Importance Methods. <p>3.2 Training</p> <ul style="list-style-type: none"> Meaning and Importance Techniques of Training
Module 4 (Credit 1)	Title of the Module: Wage and Salary administration
Learning Outcomes	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> Distinguish between the concept of wages and salary Understand types of wages Explain various factors that influence wages Gain knowledge of emerging trends in HRM and understand some key aspects of HRM.
	<p>4.1 Wages</p> <ul style="list-style-type: none"> Concept Difference between Wages And Salaries Types of wages Factors influencing wages. <p>4.2 Emerging Trends:</p> <ul style="list-style-type: none"> Emerging Horizons in Human Resource Management Downsizing VRS.

Comprehensive Continuous Evaluation (CCE): Assignments/ Project/MCQ test/Written test

Semester End Examination (SEE) Paper pattern: MCQ 10 Marks

Short notes 10 marks

Descriptive answers 30

References:

A. Essential Reading:

- a. Robert L. Mathis, John H. Jackson (2017), Human Resource Management (1st edition), South Western College publisher (UK).
- b. C.B. Mamoria (2016), Personnel Management (30th edition), Himalaya Publishing House Pvt.Ltd.
- c. K. Aswathppa (2015), Human Resource & Personnel Management (7th edition), McGraw Hill.

B. Additional Reading:

- a. Anjali Ghanekar (2015), Essentials of Human Resource Management (4th edition), Everest Publishing House.
- b. Pattanayak Biswajeet (2015), Human Resource Management(3rd edition) ,Prentice Hall India Learning Pvt. Ltd.

SEVA MANDAL EDUCATION SOCIETY'S
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Programme Name: B.Com-AFI

Proposed Syllabus under NEP

Year of Implementation: 2023-24

Course Category	Major (Core)
Level	4.5
Course Title	Financial Accounting Paper II
Semester	II
Course Credit	2
No. of Lecture per week	2
Marks of Comprehensive Continuous Evaluation	25
Marks of Semester End Examination	25

Course Title: Financial Accounting Paper II

Course Outcomes	<p>After going through the course, learners will be able</p> <ol style="list-style-type: none"> 1. Understand the meaning of The Indian Partnership Act,1932 2. Provision of the Companies act for Redemption of Preference Shares Sec 55 of the Companies Act 2013
Module 1 (Credit 1)	Title of the Module: Partnership Final Account
Learning Outcomes	<p>After learning the module, learners will be able</p> <ol style="list-style-type: none"> 1. Understand the meaning of Partnership. 2. To know the important features of Partnership. 3. Understand the meaning of "The Indian Partnership Act, 1932". 4. Know the importance of Partnership deed.
Content Outline	<ol style="list-style-type: none"> 1. Know how to maintain a Capital Account of Partners. 2. Know the effects of Adjustment in Final Accounts. 3. Know the meaning of Trading Account and Profit and loss Account and Balance sheet. 4. Know how to find out financial results of the Business.

Module 2 (Credit 1) Title of the Module: Redemption of Preference Shares	
Learning Outcomes	After learning the module, learners will be able <ol style="list-style-type: none"> 1. Methods of Redemption of fully paid up preference shares. 2. Fresh issue of shares for redemption. 3. Classification of Divisible and non divisible profit. 4. Creation of Capital redemption Reserve for Redemption.
Content Outline	<ol style="list-style-type: none"> 1. Identifying profit available for redemption of Preference shares. 2. Passing of Journal entries for final call, new issues, sale of assets and Redemption of Preference shares.

Comprehensive Continuous Evaluation (CCE): Assignments/ Project/MCQ test/Written test:

Sr. No	Assignments/Activities	Marks
1	Assignment / Project Report/ Quiz/Debate /Essay/Elocution	5
2	Group Discussion / Case Study/MCQtest /Role-Play	5
3	PPT Presentations/Seminars/Workshops/Written test	15
	Total	25

Semester End Examination (SEE) Paper pattern: 25 marks

Q.1.Compulsory MCQ -5 marks

Q.2. Attempt any four out of five- 20 marks

References:

A: Essential Reading:

1. Ainapure, Accountancy Financial Management Accounting, Manan Prakashan –Mumbai
2. Seth, Accountancy Financial Management Accounting, Manan Prakashan –Mumbai
3. Kishnadwala, 2008, Financial Accountancy & Management, Vipul Prakashan, Mumbai.
4. Book keeping and Accountancy of Maharashtra State Board XII

B: Additional Reading:

1. Financial Accounting CMA INTER, sanjay welkins, commercial law publishers india p.ltd
2. Principles and Practice of Accounting (Accounts)D G Sharma, S K Agrawal, taxmann.
3. The Essence of Financial Accounting 2018, Chadwick, L. PHI, 2nd Edition

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Programme Name: BCom-AFI

Proposed Syllabus under NEP

Year of Implementation: 2023-24

Course Category	Open Elective (OE)
Level	4.5
Course Title	Financial Inclusion
Semester	II
Course Credit	4
No. of Lecture per week	4
Marks of Comprehensive Continuous Evaluation	50
Marks of Semester End Examination	50

Course Title: Financial Inclusion

Course Outcomes	<p>After going through the course, learners will be able to understand:</p> <ol style="list-style-type: none"> 1. Describe the importance of financial literacy and list out the institutions providing financial services; 2. Prepare financial plan and budget and manage personal finances; 3. Open, avail, and manage/operate services offered by banks; 4. Open, avail, and manage/operate services offered by post offices; 5. Plan for life insurance and property insurance & select instrument for investment in shares
Module 1 (Credit 1)	Title of the Module: Introduction to Financial Literacy
Learning Outcomes	After learning the module, learners will be able to
	To get acquainted with scope of financial literacy.

Content Outline	<ul style="list-style-type: none">● Meaning, importance and scope of financial literacy;● Prerequisites of Financial Literacy – level of education, numerical and communication ability;● Various financial institutions – Banks, Insurance companies, Post Offices; Mobile App based services.● Need of availing of financial services from banks, insurance companies and postal services.
Module 2 (Credit 1)	Title of the Module: Financial Planning and Budgeting

Learning Outcomes	The learner will understand the procedure for financial planning and budgeting
Content Outline	<ol style="list-style-type: none"> 1. Meaning, importance and need for financial planning; 2. Personal Budget, Family Budget, Business Budget 3. Procedure for financial planning and preparing budget; 4. Avenues for savings from surplus.
Module 3 (Credit 1)	Title of the Module: Banking Services
Learning Outcomes	The learner will get an overview of various banking product and services
Content Outline	<ol style="list-style-type: none"> 1. Types of banks; Banking products and services –Types of bank deposit accounts – Savings Bank Account, Term Deposit, Current Account, Recurring Deposit, PPF, NSC etc.; 2. Formalities to open various types of bank accounts, PAN Card, Address proof, KYC norm; 3. Various types of loans – short term, medium term, long term, micro finance, and related interest rates offered by various nationalized banks and post office; 4. Cashless banking, e-banking, Check Counterfeit Currency; CIBIL, ATM, Debit and Credit Card, and APP based Payment system; Banking complaints and Ombudsman. Unified Payment Interface (UPI).
Module 4 (Credit 1)	Title of the Module: Protection and Investment Related Financial Services
Learning Outcomes	To make the learner aware about various protection and investment scheme.
Content Outline	<ol style="list-style-type: none"> 1. Life Insurance Policies: Life Insurance, Term Life Insurance, Endowment Policies, Pension Policies, ULIP, Health Insurance and its Plans, 2. Property Insurance: Policies offered by various general insurance companies. 3. Post office life Insurance Schemes: Postal Life Insurance and Rural Postal Life Insurance (PLI/RPLI). 4. Housing Loans: Institutions providing housing loans, Loans under Pradhan Mantri Awas Yojana – Rural and Urban.

- **Comprehensive Continuous Evaluation (CCE): Assignments/ Project/MCQ test/Written test/Viva/Competitions/Quiz/Debate**
- **Semester End Examination (SEE) Paper pattern: 5 marks MCQ 15 Short Notes
30 marks Long Answers**

Reference: -

Essential reading:

- Advanced Accounts- M.C. Shukla, T.S. Grewal, S.C. Gupta, S. Chand Publication- New Delhi. 2019-20
- Financial Accounting for B.com- CA (Dr.) P.C. Tulsian S.C. Gupta, S. Chand Publication- New Delhi, 2018-19
- Basic Accounting- Rajni Sofat and Preeti Hiro, PHI Learning Pvt. Ltd.- New Delhi, 2017-18
- Income Tax Act Paperback – 2020 Universal Law Publishing - An imprint of Lexis Nexis, 2020-21
- Handbook to DIRECT TAXES 2020-21, Bomi F. Daruwala
- Finance: The Basics by Erik Banks; Author: Erik Banks; Publisher: Routledge, 2019-20
- Dictionary of Finance & Banking Oxford; Publisher: Oxford University Press, 2020-21

Additional reading:

- International Finance: Business Perspective by Apte; Author: Apte, P. G. Publisher: Tata McGraw Hill (TMH), 2018-19
- Case Study Solutions Finance by Kaushal; Author: Kaushal, H. Publisher: Macmillan, 2019-20
- Accounting & Finance For Bankers by IIBF; Author: Indian Institute Of Banking & Finance (IIBF); Publisher: Macmillan Indian Limited New Delhi, 2019-20.

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Programme Name: B. Com-AFI

Proposed Syllabus under NEP

Year of Implementation: 2023-24

Course Category	Minor Stream
Level	4.5
Course Title	BUSINESS DOCUMENTS
Semester	II
Course Credit	2
No. of Lecture per week	2
Marks of Comprehensive Continuous Evaluation	25
Marks of Semester End Examination	25

Course Title: BUSINESS DOCUMENTS

Course Outcomes	<p>After going through the course, learners will be able to</p> <ul style="list-style-type: none"> ● Develop self-confidence to fulfill the documentation. ● Able to understand the formalities of bank & day to day transactions. ● Get in-depth knowledge in LIC & Office Documents
Module 1 (Credit 1)	Title of the Module: Documents & Transactions
Learning Outcomes	After learning the module, learners will be able to

	<ul style="list-style-type: none"> ● Gain general knowledge and understand various documents involved in the business. ● Students will be in position to fill up all the required formats required during the business.
Content Outline	<ol style="list-style-type: none"> 1. Preparation of Invoice – Receipts – Voucher - Delivery Challan 2. Entry cum Gate Pass - Debit and Credit Note – Payment of utility bills 3. Transactions: Receipts – Vouchers – Debit Note – Credit Note.
Module 2 (Credit 1)	Title of the Module: Banking Transaction Documents
Learning Outcomes	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> ● Understand the concepts and importance various business documents ● Students will be in position to fill all the forms, formats and receipts.
Content Outline	<ol style="list-style-type: none"> 1. Banking: Drawings, Endorsing and Crossing of Cheques - Filling up of pay in slips – ECS application - Application and preparation of Demand Drafts – Pass book 2. Account opening form for SB account, Current account and Term Deposits – Fixed Deposit account and FD Receipts, Bills of Exchange – Promissory Note 3. Filling up of an application form of LIC - premium form - premium notice and Challan for remittance receipts 4. Procedure for lapsed policy - procedure for settling an account while the insured is alive or dead.

- **Comprehensive Continuous Evaluation (CCE): Assignments/ Project/MCQ test/Written test/Viva/Power point presentations/Quiz/Debates**
- **Semester End Examination (SEE) Paper pattern: 5 marks MCQ
10 marks short notes
10 marks descriptive answers**

References:

Essential Reading:

- Business Communication by Rai and Rai, 2020, Himalaya Publication
- Drafting Pleading and Appearances - Taxman. 2020
- Document and information by J K Khanna
- Model Business Letters, Emails and Other Business Documents - by Taylor
- Excellence In Business Communication by John V. Thill and Courtland L. Bovee. 2019

Additional Reading

- Basic Business Communication: Skills For Empowering The Internet Generation Lesikar, 2018 R/ Flatley, M. 10th ed, Publisher: TMH
- Basic Business Communication: Skills For Empowering The Internet Generation 2019 Author: Lesikar, R/ Flatley, M. 9th ed, Publisher: TMH
- Business Communication, 2020 Author: Bedi, R/ Aruna, K. 1st ed, Publisher: Vrinda
- Business Communication, 2015 Author: Kaul, Asha, Publisher: PHI
- Business Communication, 2019 Author: Kaul, Asha 2nd ed, Publisher: PHI
- Business Communication, 2014 Author: Rai, U/ Rai, S. M. 9th ed, Publisher: Himalaya
- Business Communication, 2021 Author: Sinha, K. K., Publisher: Galgotia
- Business Communication Today, 2022 Author: Bovee, C/ Thill, J/ Schatzman, B. 7th ed

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SMT.MANIBEN M.P SHAH WOMEN'S COLLEGE OF ARTS & COMMERCE
(AUTONOMOUS)

Programme Name: B.Com-AFI

Proposed Syllabus under NEP

Year of Implementation: 2023-24

Course Category	Vocational Skill Course
Level	4.5
Course Title	Basics of accountancy Paper II
Semester	Semester-II
Course Credit	2
No. of Lecture per week	2
Marks of Comprehensive Continuous Evaluation	25
Marks of Semester End Examination	25

Course Title: Basics of accountancy (Specialization)(VSC)

Course Outcomes	<p>After going through the course, learners will be able to</p> <ol style="list-style-type: none"> 1. Students understand the meaning & need of Subsidiary Books. 2. Students can classify Cash & Credit transactions. 3. Learn the types of Shares and Share Capital 4. Understand the public and private placement.
Module 1 (Credit 1)	Title of the Module: Subsidiary Books
Learning Outcomes	After learning the module, learners will be able to

	<ol style="list-style-type: none"> 1. Students know the actual recording of transactions in Special Journal. 2. Students are able to prepare & balance different types of Cash Book.
Content Outline	<ol style="list-style-type: none"> 1. Students are able to post recordings from books of original entries to the ledger. 2. Students learn the balancing of Various ledger Accounts
Module 2 (Credit 1) Title of the Module: Issue of Shares	
Learning Outcomes	<ol style="list-style-type: none"> 1. Know the concept of under and over Subscription of Shares. 2. Know the different accounting treatment for under over valuation of Shares.
Content Outline	<ol style="list-style-type: none"> 1. Basic Accounting entries for issue of Shares. 2. Issue of Shares at Par, Premium and Discount 3. Calls in Arrears and Calls in Advance 4. Accounting treatment for forfeiture of Shares

Comprehensive Continuous Evaluation (CCE): Assignments/ Project/MCQ test/Written test

Sr. No	Assignments/Activities	Marks
1	Assignment / Project Report/ Quiz/Debate	08
2	Group Discussion / Case Study	08
3	PPT Presentations/Seminars/Workshops	09
	Total	25

Semester End Examination (SEE) Paper pattern: 25 marks

References:

A. Essential Reading

- Book keeping and Accountancy of Maharashtra HSC
- S. Chand Publication, New Delhi. Gupta R. L. (2018), Advanced Accountancy, S. Chand, New Delhi
- Haniff and Mukherjee (2019), Modern Accountancy (II), MC Graw Hills, New Delhi.
- Jawahar Lal (2018), Financial Accounting, S. Chand & Co., New Delhi.
- Basic Accounting- Rajni Sofat and Preeti Hiro, PHI Learning Pvt. Ltd.- New Delhi, 2017-18
- Income Tax Act Paperback – 2020 Universal Law Publishing - An imprint of Lexis Nexis, 2020-21
- Handbook to DIRECT TAXES 2020-21, Bomi F. Daruwala

B. Additional reading

1. Book Keeping & Accountancy book by M G Patkar, Phadkr Prakashan
2. International Finance: Business Perspective by Apte; Author: Apte, P. G. Publisher: Tata McGraw Hill (TMH), 2018-19
3. Case Study Solutions Finance by Kaushal; Author: Kaushal, H. Publisher: Macmillan, 2019-20
4. Accounting & Finance For Bankers by IIBF; Author: Indian Institute Of Banking & Finance (IIBF); Publisher: Macmillan Indian Limited New Delhi, 2019-20.

SEVA MANDAL EDUCATION SOCIETY'S

SMT.MANIBEN M.P SHAH WOMEN'S COLLEGE OF ARTS & COMMERCE
(AUTONOMOUS)

Programme Name: **B. Com /B.Com-AFI**

Proposed Syllabus under NEP

Year of Implementation: 2023-24

Course Category	SEC/VEC
Level	4.5
Course Title	Introduction to Spreadsheet
Semester	II
Course Credit	2
No. of Lecture per week	1 Theory Lecture 1 Practical Lecture
Marks of Comprehensive Continuous Evaluation	25 Marks
Marks of Semester End Examination	25 Marks

Course Title: Computerized Accounting Skills

Course Outcomes	After going through the course, learners will be able to : <ul style="list-style-type: none">● Create, edit, save, and print spreadsheets● Work with spreadsheets, Construct formulas, including the use of built-in functions, and relative and absolute references● Create and edit charts and graphics● Filter and sort table data
Module 1 (Credit 1) Title of the Module: Introduction to Spreadsheet	

<p>Learning Outcomes</p> <p><i>(Specific related to the module.. e.g. Define, Differentiate, Carry out, Design, etc. ...)</i></p>	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> ● Working with spreadsheet ● Create, edit, save, and print spreadsheets ● Work with spreadsheets, Construct formulas, including the use of built-in functions, and relative and absolute references
<p>Content Outline</p>	<p>Spreadsheet</p> <ul style="list-style-type: none"> · Introduction to Ms-Excel · Alignment (Text Wrap, Merge & Center, Indent & Text Direction) · Number (General, Number, Currency, Accounting, Date, Time, Percentage, Fraction, Scientific, Text, Special & Custom) · Editing (Clear Content, Sort& Filter, Find-Replace & GoTo) · Salary Statement using different Formula (AutoSum, Conversion of % into Value, combining different formula) · Function (Mathematical, Statistical, String) · Styles (Table Formatting, Conditional Formatting) · Profit & Loss (Conversion of % into value and value into % & Finding Profit & Loss) · Cells (Insert, Delete, Format, Hide-Unhide, Height, Width) · Marksheet (Total, Average, Percentage, Minimum, Maximum, If-Else)
<p>Module 2 (Credit 1) Title of the Module: Data Analysis</p>	
<p>Learning Outcomes</p> <p><i>(Specific related to the module.. e.g. Define, Differentiate, Carry out, Design, etc. ...)</i></p>	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> ● Create and edit charts and graphics · Filter and sort table data · Data Analysis with graph

Content Outline	Data Analysis <ul style="list-style-type: none"> · Data Analysis (Analysis data) · Inserting Chart with related data · Working with Cell Reference · Workbook Formatting · Printing Procedure in excel
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Comprehensive Continuous Evaluation (CCE): Assignments/ Project/MCQ test/Written test

The internal testing should be continual and spread over the semester

The pattern of the Internal exam would be as follows:

- Practical/Theory Exam of 25 Marks
- Assignment and Lab Manuals of 25 Marks

Out of above two exam the average of two will be considered as internal marks.

Semester End Examination (SEE) Paper pattern:

The pattern of the practical exam would be as follows:

- The Practical/Theory exam of 25 Marks (Answer any 2 question out of 4, each question will be of 10 marks + Viva of 5 Marks)

References:

A. Essential Reading

- “Computer fundamental” P k Sinha
- “Inside the IBM PC”, Peter Norton, Prentice Hall, 1989.
- “PC Softwarefor Windows”: R.K. Taxali, Tata Mcgraw hill
- “Computer and Common use”: Roer hunt and John Sheely
- “Transparency Masters to Computers”: Larry Long and Nancy long
- “Computer for beginners”: V.K. Jain
- “Basic of Computer Systems”: Jiwani and Copper
- “Introduction to Computers”: Subramanian

B. Additional Reading

- “Computer Science”: Satish Jain

- "Introduction to Computer Science": Francis Scheid
- "Computer Today": Sanders
- "Mastering windows 2000, the window bible": Robertcowart, BPB Publisher
- "Fundamentals of Informational Technology" : S.K. Bansal, APH Publishing Corporation.
- "Microsoft Office 2000 Complete" : Amy Romanoff and Sherry bonelli, BPB Publisher
- "Advanced Microsoft Office 2000"; Meredith Flynn, Nita Rutkosky, BPB Publication.
- "Mastering windows 2000, the window bible": Robertcowart, BPB Publisher
- "Fundamentals of Informational Technology" : S.K. Bansal, APH Publishing Corporation.

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Programme Name: B.Com-AFI

Proposed Syllabus under NEP

Year of Implementation: 2023-24

Course Category	VEC
Level	4.5
Course Title	Vedic Maths-II
Semester	Sem II
Course Credit	2
No. of Lecture per week	2
Marks of Comprehensive Continuous Evaluation	25
Marks of Semester End Examination	25

Course Title: Vedic Maths

Course Outcomes	<p>After going through the course, learners will be able to:</p> <ol style="list-style-type: none"> 1. Enhance computation skills in students through Vedic Mathematics Foster love for maths and remove its fear through Vedic Mathematics 2. Inculcate logical and analytical thinking 3. Promote joyful learning of mathematics 4. Discuss the rich heritage of mathematical temper of Ancient India
Module 1 (Credit 1)	Title of the Module: Multiplication and division
Learning Outcomes	<p>After learning the module, learners will be able to</p>
	<ol style="list-style-type: none"> 1. Overcome the fear of maths 2. Improved critical thinking 3. Familiarity with the mathematical underpinnings and techniques
Content Outline	<ol style="list-style-type: none"> 1. Multiplication with mirror multiplication 2. Division with nikhilam method

Module 2 (Credit 1)	Title of the Module: Square and Cube
Learning Outcomes	After learning the module, learners will be able to <ol style="list-style-type: none"> 1. Ability to do basic Maths faster and with ease. 2. Appreciate the Mathematical advancements of Ancient India.
Content Outline	<ul style="list-style-type: none"> ● Square with Vedic method ● Cube with Vedic method

Comprehensive Continuous Evaluation (CCE): Assignments/ Project/MCQ test/Written test

The internal testing should be continual and spread over the semester

The pattern of the Internal exam would be as follows:

- Practical Exam of 25 Marks
- Assignment and Lab Manuals of 25 Marks

Out of above two exam the average of two will be considered as internal marks.

Semester End Examination (SEE) Paper pattern:

The pattern of the practical exam would be as follows:

- The Practical exam of 25 Marks (Answer any 2 question out of 4, each question will be of 10 marks + Viva of 5 Marks)

References:

A. Essential Reading

1. Vedic Mathematics for All Ages: A Beginners Guide - 16 Sutras for Mental Calculations Easily Explained Formulae with Practice Exercises , 1 January 2014; by Vandana Singhal (Author)
2. Vedic Mathematics Made Easy, 2nd Edition, 4 January 2021; by Dhaval Bathia (Author)
3. Vedic Mathematics: Sixteen Simple Mathematical Formulae From The Vedas; 2015 by Jagadguru Swami Sri Bharati Krishna Tirthaji Maharaja (Author)
4. Vedic Mathematics (Indian Classics) - Vedic Maths Activities - Vedic Maths for Children - Maths Activity Book for Kids - Vedic Maths Book; 2013; by Maple Press (Author)
5. Vedic Mathematics Book Set (Set of 4) | Vedic Maths Books for Beginners |Vedic Maths Book for Kids; 2016 by Dipti Modi (Author)

B. Additional Reading

1. How To Become A Human Calculator, by Dr. Aditi Singhal
2. Maths Sutra, by Gaurav Tekriwal
3. How to Be a Mathemagician by Aditi Singhal and Sudhir Singha