BoS/EC/6/2026

As per NEP 2020

UNIVERSITY OF MUMBAI

SRDSP Mandal's

SHRI PANCHAM KHEMRAJ MAHAVIDYALAYA

SAWANTWADI (Autonomous)

DIST: SINDHUDURG- 416 510, MAHARASHTRA

Syllabus for Approval

Certificate Course in Arts

B.A. (Economics)

Syllabus for Sem – I & II

Reference: GR dated 16th May 2023 for Credit structure

UNIVERSITY OF MUMBAI

(As per NEP 2020)

Sr. No.	Heading	Particulars
1	Title of the Program	Certificate Course in Arts B.A. (Economics)
2	Eligibility for Admission	HSC
3	Duration of Program	4 Years
4	Intake Capacity	120
5	Scheme of Examination	Theory: 60 Marks Internal: 40 Marks
6	Standard of Passing	40 %
7	Program Academic Level	4.5
8	Pattern	Semester
9	Status	New
10	To be implemented from Academic Year	2025 -2026

Sign of HOD / Co-ordinator **Sign of Dean**

Asso. Prof. Neelam Devendra Dhuri

Department of Economics

Faculty of Arts

PREAMBLE

Introduction:

India's first education policy of the 21st Century is national education policy 2020 proposes the revision and revamping of all aspect of the education structure, including its regulation and governance.

S. P. K. Mahavidyalaya, Sawantwadi (Autonomous) believes in implementing several measures to bring equity, efficiency and excellence in higher education system in conformity to the guidelines laid down by the University Grants Commission (UGC). In order to achieve these goals, all efforts are made to ensure high standards of education by implementing several steps to enhance the teaching- learning process, examination and evaluation techniques and ensuring the all-round development of learners.

The Three-year course in B.A. Economics has been designed to have a progressive and innovative curriculum in order to equip our learners to face the future challenges in the field of higher education. In semesters I and II learners are introduced to the basic concepts of Economics at micro level such as Micro economics, Agricultural Economics, Financial Literacy, Statistical Techniques etc.

In semesters III and IV the course content is made Macro level by introducing the details of economy such as Macroeconomics, Indian Economy and Public Finance etc. In semesters V and VI course are designed to help in specialization in the core subjects of economics such as Advanced Micro economics, Economics of Growth and Development, Economics of Agriculture and Co-operation, Research Methodology, Environmental Economics, History of Economic thoughts etc.

The syllabus has given due importance on the main streams of the body of knowledge on Economics with due recognition of its wide spectrum. The ultimate goal of the syllabus is to enable the students to have an in-depth knowledge on the subject and enhance their scope of employment at every level of exit. Adequate emphasis has been given on then wand emerging techniques and understanding of the subject under the changing regime and global context.

There is a need to strengthen the students to understand essential aspects of economics in diverse subject areas not only in social sciences, but also among other natural and physical sciences. The curriculum lays focus on creating new knowledge, acquiring new skills and capabilities in Economics producing an intelligent human resource serving the economy and society.

Course Objectives:

1. Students will use economic models in domestic and global contexts to analyze individual decision making how prices and quantities are determined in product and factor markets and Macroeconomic outcomes.
2. Students will analyze the performance and functioning of government, markets and institutions in the context of social and economic problems.

3. Students will think critically about economic models, evaluating their assumptions and implications.
4. Students will use data to describe the relationships among variables in order to analyze economic issues.
6. Students will communicate economic thought and analysis in both written and oral context to varied audiences.

Program Outcomes (Pos):

After successful competition of this programmer learners will be able to:

PO1: To understand economic vocabulary, methodologies, tools and analysis procedures.

PO2: Integrate other disciplinary perspectives with economic analysis to produce a critical assessment of a social problem.

PO3: Prepare students to develop own thinking / opinion regarding current national or international policies and issues.

PO4: Understand the basics of Quantitative techniques and their applications.

PO5: Motive students in preparing for various competitive examinations, NET, SET, Indian Economic Service etc.

PO6: Understand research methods in economics.

Program Specific Outcomes (PSOs)

After successful competition of this programmer learners will be able to:

PSO 1) to expose the students to various economic problems and issues related to growth, development, environment with special reference to India.

PSO 2) Students acquired knowledge about many economic, issues like unemployment, poverty, economic and regional imbalances in India as a whole.

PSO 3) Students will learn to apply economic principles such as law of demand, supply, elasticity of demand, to real economic problems basic problems in economy.

PSO 4) to understand the behavioral dynamics in Indian and World economy. Inculcate the ability to explain core economic terms, concepts and theories.

PSO 5) to analyze economic behavior in practice.

PSO 6) to use modern library, searching and retrieval methods to obtain information about topics / subjects relating to economics from various sources.

SHRI PANCHAM KHEMRAJ MAHAVIDYALAYA SAWANTWADI (Autonomous)

DEPARTMENT OF ECONOMICS

Proposed List of Major, Minor, Open Elective, Skill Enhancement Course, Ability Enhancement Compulsory Course, Indian Knowledge System Course, Vocational Skill Course, Details of Semesters

(To be implemented from Academic Year 2026-27)

Program: Certificate Course **Class: BA** **Semester: I**

Sr. No.	Course Code	Title of the Course	Category of Course	No. of Lecture Hours	No. of Lectures per Unit	Teaching Hours per week (L+P)	SEE	CIE	Total Marks	No. of Credits
1	A101ECT	MICRO ECONOMICS – I	Major	60	15	04+00	60	40	100	4
2	A101ECT	MICRO ECONOMICS – I	Minor	-	-	-	-	-	-	-
3	ECVS101	INDIAN FINANCIAL SYSTEM	VSC	30	10	02+00	40	10	50	2
4	ECSE101	STATISTICAL TECHNIQUES IN ECONOMICS – I	SEC	30	10	02+00	40	10	50	2
5	ECIK101	INDIAN KNOWLEDGE SYETEMS & LOCAL ECONOMIC PRACTICES	IKS	30	10	02+00	40	10	50	2
			Sub - Total	180	55	12 +00	220	80	300	12

Notes:

One Hour of Lecture is equal to 1 Credit
One Hour of Tutorial is equal to I Credit
One Hour of Practical is equal to 1 Cred

Acronyms Expanded

MJ : Major
MN : Minor
OE : Open Elective Course
SEC : Skill Enhancement Course
VECC : Value Education Compulsory Course
IKS : Indian Knowledge System
VSC : Vocational Skill Course
SEE : Semester End examination
CIE :- Continuous Internal Evaluation
L+P : Lecture + Practical(s)

SHRI PANCHAM KHEMRAJ MAHAVIDYALAYA SAWANTWADI (Autonomous)
DEPARTMENT OF ECONOMICS
Proposed List of Major, Minor, Open Elective, Skill Enhancement Course, Ability Enhancement Compulsory Course, Indian Knowledge System Course, Vocational Skill Course, Details of Semesters
(To be implemented from Academic Year 2024-25)

Program: Certificate Course **Class: BA** **Semester: II**

Sr. No	Course Code	Title of the Course	Category of Course	No. of Lecture Hours	No. of Lectures per Unit	Teaching Hours per week (L+P)	SEE	CIE	Total Marks	No. of Credits
1	A102ECT	Micro Economics - II	Major	60	15	04+00	60	40	100	4
2	A102ECT	Micro Economics - II	MINOR	60	15	04+00	60	40	100	4
3	ECVS102	Indian Financial System - II	VSC	30	10	02+00	40	10	50	2
4	ECSE102	Statistical Techniques for Economist - II	SEC	30	10	02+00	40	10	50	2
5	ECOE102	Indian Economy	OE	30	10	02+00	40	10	50	2
			Sub - Total	150	45	10 +00	180	70	250	10

Notes:
One Hour of Lecture is equal to 1 Credit
One Hour of Tutorial is equal to I Credit
One Hour of Practi

Acronyms Expanded
MJ : Major
MN : Minor
OE : Open Elective Course
SEC : Skill Enhancement Course
VECC : Value Education Compulsory Course
IKS : Indian Knowledge System
VSC : Vocational Skill Course
SEE : Semester End examination
CIE :- Continuous Internal Evaluation
L+P : Lecture + Practical(s)

SHRI PANCHAM KHEMRAJ MAHAVIDYALAYA,SAWANTWADI(Autonomous)
Credit Structure for 4 Years Honours/ Honours with Research Degree Program with ME-ME B.A
For Faculty of ARTS (M1 M2 M3)

Credit Structure of the Program Arts Faculty

Academic Level	Semester	Major (M1)	Major (M2)	Major (M3)	Minor	OE other Faculty	VSC, SEC (Related to core)	AEC, IKS, VEC	OJT, FP, CEP, CC, RP	Cum Cr/semester	Degree/ Cumm Cr
4.5	I	4	4	4	--	----	VSC(2) SEC(2)	AEC(2), VEC(2), IKS(2)	----	22	UG Certificate 44
	II	4	4	4	--	OE-1 (2)	VSC(2) SEC(2)	AEC(2)	CC(2)	22	
Exit Option Award of UG Certificate in Major with 44 Credits and additional 4 credits core NSQF Course/ Internship or continue with Major and Minor											
5.0	III	4	4	----	----	OE-2 & 3 (4)	VSC(2) SEC(2)	AEC(2) VEC(2)	CC (2)	22	UG Diploma 88
	IV	4	4	----	---	OE-4 & 5 (4)	VSC(2) SEC(2)	AEC(2)	CC(2),FP (2)	22	
Exit Option Award of UG Diploma in Major with 88 Credits and additional 4 credits core NSQF Course/ Internship or continue with Major and Minor											
5.5	V	Mandatory 4 + 4 + 4 + 4 Elective 4	---	---	02	---	---	---		22	UG Degree 132
	VI	Mandatory 4 + 4 + 4 + 4 Elective 4	---	---	--	---	---	---	OJT/RP-2 (2)	22	
Exit option: Award of UG Degree in Major and Minor with 132 Credits of continue with Major and Minor											
6.0	VII	Mandatory 4+ 4 + 4 +2 Elective 4	RM (4)	---	---	---	---	---	---	22	UG Honours Degree 176
	VIII	Mandatory 4 + 4 + 4 +2	---	---	----	---	---	---	OJT/RP(4)	22	

		Elective 4									
Four Year UG Honours with Honours Degree in Major and Minor with 176 credits											
6.0	**VII**	**Mandatory 4+ 4 + 4 +2 Elective 4**	**RM (4)**	**---**	**---**	**---**	**---**	**---**	**---**	**22**	**UG Honours with Research Degree 176**
	VIII	**Mandatory 4 + 4 + 4 +2 Elective 4**	**---**	**---**		**---**	**---**	**---**	**OJT/RP(4)**	**22**	

Title of the Program

Certificate Course in Arts (B.A. Economics)

Name of the Subject: Economics

Sr. No.	Name of the Faculty	Qualification	Area of specialization	Name of the College	Nomination
01	Dhuri Neelam Devendra	M.A. M. Phil.	Economics	Asso. Prof. S. P. K. Mahavidyalaya, Sawantwadi	Chairman
02	Kamble Tanaji Vishnu	M.A. M. Phil.	Economics	Asst. Prof. S. P. K. Mahavidyalaya, Sawantwadi	Faculty Member
03	Prof. Abhijit Vishnu Shetkar	M.A. B. Ed.	Economics	Asst. Prof. S. P. K. Mahavidyalaya, Sawantwadi	Faculty Member
04	Dr. Rupe Sanjay Shankarrao	M.A. M.Phil. Ph.d.	Economics	Asst. Prof. Devchand College, Arjun Nagar Nipani (Shivaji University)	Subject Expert from outside the Parent University nominated by Academic Council
05	Dr. Kashinath Ramchandra Chavan	M.A.Ph.d.	Economics	Art, Commerce & Science College, Lanja, Tal – Lanja, Dist Ratnagiri	Subject Expert nominated by Vice Chancellor
06	Shri. Sarpotdar Yogesh Mahadev	B.A.	Business	Executive Patner Mahalaxmi Food Products Anjanari Dist. – Ratnagiri	Representative from Industry/Corporate sector/ allied area relating to placement nominated by the Principal
07	Miss. Aishwarya Dipak Pendse	M.A.	Economics	S. P. K. Mahavidyalaya, Sawantwadi	College Alumni nominated by Principal
08	Prof. Lokhande Anant Nana	M.A. ,D.C.M., Ph.d.	Economics	Associate Professor, Department of Economics, SRM College, Kudal, Dist- Sindhudurg	Expert from the outside the college nominated by the Principal

Department of Economics

F.Y.B.A. ECONOMICS

SEMESTER - I

Certificate Course in Arts Syllabus as per NEP 2020

Revised Syllabus for FYBA To be implemented from 2026 – 27

(Major Course) A101ECT: Economics

Micro Economics - I

1. Syllabus as per NEP 2020:		
i) Name of the Program	:	**Certificate Course in Arts**
ii) Course Code	:	**(Major Course) A101ECT**
iii) Course Titles	:	**Micro Economics - I**
iv) Credit Structure	:	**No. of Credits per Semester - 04**
v) No. of lectures per Unit	:	**15**
vi) No. of lectures per week	:	**04**
2. Scheme of Examination	:	• **Written Exam: 4 Questions of 15 Marks each : 60 Marks** • **Internal Assessment: 40 marks Total : 60 + 40 =100**

Certificate Course in Arts Syllabus as per NEP 2020

Revised Syllabus for FYBA To be implemented from 2025 – 26

(Major Course) A101ECT: Economics

Course Title: Micro Economics I

Preamble: -

This course is designed to expose the students to the basic principles of microeconomic theory. The emphasis will be on the development of analytical thinking with the help of statistical tools among the students and developing the skill of application of microeconomics concepts to analyze the real life situations.

Course Objectives: -

- To acquaint the students with the concepts of microeconomics.
- To illustrate how the concept of microeconomics can be applied to analyze real life economic situations.
- To understand and define the basic concepts like demand and supply, consumer's behavior etc.
- Understand the ordinal utility approach for analyzing consumer behavior.

Course Outcomes: -

After the completion of the course, Students will able to:

- Analyze the economic behavior of the consumer and the firm.
- Complete understanding of nature and subject matter of economics.
- Get introduced to the framework for learning about consumer behavior and analyzing consumer decisions.

Periods: 60 Lectures (4 lectures per week) per semester

Certificate Course in Arts Syllabus as per NEP 2020

To be implemented from the Academic year 2025 – 26

(Minor Course) A101ECT (04): Economics

Course Title: Micro Economics - I

No. of Credits - 04 **Course Title: A101ECT**

Course Code	Units	Topics	Lectures
A101ECT	I	**Introduction of Microeconomics:** 1. Microeconomics: Meaning, nature, scope, significance and limitations 2. Economic models and Methodologies: Scientific method, Behavioral Economics, Production possibility curve 3. Economist as policy advisors: Positive economics and normative economics, managerial economics, Local Economic Activities (Agriculture, Tourism. Handi Craft) Opportunity cost in local Decision - making. 4. Basic concept: wealth, welfare and scarcity	15
	II	**Understanding Fundamentals of Market:** 1. Demand Analysis: Meaning of demand, Demand Function, Local market structure. (weekly bazaar, fruit markets) Individual demand versus Market Demand 2. Supply Analysis: Meaning of supply, Supply function, Seasonal Demand & Supply (konkan fruits, festivals, tourism) Individual Supply versus Market Supply. 3. Market Equilibrium: Changes in equilibrium, Changes in demand and Supply, movement along the demand curve, shifts in the demand curve, shifts in supply curve	15
	III	**Consumer's Behavior I:** 1. Utility Analysis: meaning of Utility, Local consumption patterns, Revealed preference Theory (with stud local example): Substitutes and complementary 2. Indifference Curve Analysis: Meaning, types and properties of	15

		indifference curve 3. Budget Constraint: Meaning, Properties and derivation of Budget line 4. Consumer's Equilibrium: Budget optimization, Income, Price and Substitution effect	
	IV	**<u>Consumer's Behavior II:</u>** 1. Elasticity of demand: Meaning of local pricing strategies. (Hotels, cashew shops, transport) of elasticity of Demand, 2. Types of elasticity of demand: Price, Income and cross elasticity of demand 3. Elasticity of Demand and applications: Total revenue and the elasticity of demand, Taxes, Subsidies and elasticity effects 4. Consumer's and Tourism Economics: meaning and computation of Consumer's and Producer's Surplus	**15**

References:

1. Mankiw N. G., (2015), Principles of Micro economics, 7 th edition, cengage learning

2. Sen Anindya, (2007), Microeconomics, Theory and Application, oxford university press, new Delhi.

3. Salvatore D. (2003), Microeconomics, Theory and Application. Oxford University press New Delhi

4. Dr. Mithani D. M., Sayyed Nazneen, (2018), Business Economics – I, Sheth Publisher, Pvt, Ltd.

5. M. L. Jhingan (2006), Microeconomic Theory, 5th Edition, Vrinda Publication. (P) Ltd.

Certificate Course in Arts Syllabus as per NEP 2020

Revised Syllabus for FYBA To be implemented from 2025 – 26

(Minor Course) A101ECT: Economics

Micro Economics - I

1. Syllabus as per NEP 2020:		
i) Name of the Program	:	**Certificate Course in Arts**
ii) Course Code	:	**(Minor Course) A101ECT**
iii) Course Titles	:	**Micro Economics - I**
iv) Credit Structure	:	**No. of Credits per Semester - 04**
v) No. of lectures per Unit	:	**15**
vi) No. of lectures per week	:	**04**
2. Scheme of Examination	:	• **Written Exam: 4 Questions of 15 Marks each : 60 Marks** • **Internal Assessment: 40 marks Total : 60 + 40 =100**

Certificate Course in Arts Syllabus as per NEP 2020

To be implemented from the Academic year 2025 – 26

(Minor Course) A101ECT: Economics

Course Title: Micro Economics - I

Preamble: -

This course is designed to expose the students to the basic principles of microeconomic theory. The emphasis will be on the development of analytical thinking with the help of statistical tools among the students and develop the skill of application of microeconomics concepts to analyze the real life situations.

Course Objectives: -

- To acquaint the students with the concepts of microeconomics.
- To illustrate how the concept of microeconomics can be applied to analyze real life economic situations.
- To understand and define the basic concepts like demand and supply, consumer's behavior etc.
- Understand the ordinal utility approach for analyzing the consumer behavior.

Course Outcomes: -

After the completion of the course, Students will able to:

- General methods used to establish economic theories and principles.
- Analyze the economic behavior of the consumer and the firm.
- Complete understanding of nature and subject matter of economics.
- Get introduced to the framework for learning about consumer behavior and analyzing consumer decisions.

Periods: 60 Lectures (4 lectures per week) per semester

Certificate Course in Arts Syllabus as per NEP 2020

To be implemented from the Academic year 2025 – 26

(Minor Course) A101ECT (04): Economics

Course Title: Micro Economics - I

No. of Credits - 04 **Course Title: A101ECT**

Course Code	Units	Topics	Lectures
A101ECT	I	**Introduction of Microeconomics:** 1. Microeconomics: Meaning, nature, scope, significance and limitations 2. Economic models and Methodologies: Scientific method, Behavioral Economics, Production possibility curve 3. Economist as policy advisors: Positive economics and normative economics, managerial economics, Local Economic Activities (Agriculture, Tourism. Handi Craft) Opportunity cost in local Decision - making. 4. Basic concept: wealth, welfare and scarcity	15
	II	**Understanding Fundamentals of Market:** 1. Demand Analysis: Meaning of demand, Demand Function, Local market structure. (weekly bazaar, fruit markets) Individual demand versus Market Demand 2. Supply Analysis: Meaning of supply, Supply function, Seasonal Demand & Supply (konkan fruits, festivals, tourism) Individual Supply versus Market Supply. 3. Market Equilibrium: Changes in equilibrium, Changes in demand and Supply, movement along the demand curve, shifts in the demand curve, shifts in supply curve	15
	III	**Consumer's Behavior I:** 1. Utility Analysis: meaning of Utility, Local consumption patterns, Revealed preference Theory (with stud local example): Substitutes and complementary 2. Indifference Curve Analysis: Meaning, types and properties of	15

		indifference curve 3. Budget Constraint: Meaning, Properties and derivation of Budget line 4. Consumer's Equilibrium: Budget optimization, Income, Price and Substitution effect	
	IV	**Consumer's Behavior II:** 1. Elasticity of demand: Meaning of local pricing strategies. (Hotels, cashew shops, transport) of elasticity of Demand, 2. Types of elasticity of demand: Price, Income and cross elasticity of demand 3. Elasticity of Demand and applications: Total revenue and the elasticity of demand, Taxes, Subsidies and elasticity effects 4. Consumer's and Tourism Economics: meaning and computation of Consumer's and Producer's Surplus	**15**

References:

1. Mankiw N. G., (2015), Principles of Micro economics, 7 th edition, cengage learning

2. Sen Anindya, (2007), Microeconomics, Theory and Application, oxford university press, new Delhi.

3. Salvatore D. (2003), Microeconomics, Theory and Application. Oxford University press New Delhi

4. Dr. Mithani D. M., Sayyed Nazneen, (2018), Business Economics – I, Sheth Publisher, Pvt, Ltd.

5. M. L. Jhingan (2006), Microeconomic Theory, 5th Edition, Vrinda Publication. (P) Ltd.

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2025-26

Course Title: INDIAN FINANCIAL SYSTEM
(Vocational Skill Course)

SEMESTER - I

1. Syllabus as per NEP 2020:				
	i)	Name of the Programme	:	**Certificate Course in Arts**
	ii)	Course Code	:	**ECVS101[2]**
	iii)	Course Titles	:	**INDIAN FINANCIAL SYSTEM I (VSC)**
	iv)	Credit Structure	:	**No. of Credits per Semester – 02**
	v)	No. of lectures per Unit	:	**15**
	vi)	No. of lectures per week	:	**02**
2.	**Scheme of Examination**		:	• **Written Exam: 3 Questions of 10 Marks each= 30 Marks** • **Internal Assessment: 20 marks** **Total : 30 + 20 =50**

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2025-26

Course Title: INDIAN FINANCIAL SYSTEM
(Vocational Skill Course)

Course Code and Title: ECVS101
(Vocational Skill Course)

SEMESTER - I

Preamble:-

The basic purpose of this paper is to acquaint students with various components of the Indian Financial System, Its working and the trends that have taken place over the years especially since financial sector reforms. The syllabus also provide students with an overview of the future of the markets in India and the reforms that have been carried out in them over period of time.

Course Objectives:-

- To introduce various aspects related to Indian financial system. Indicators of financial development will be introduced and overview of financial sector reforms will be undertaken.
- To provide information on various financial markets including the participants, regulators of the respective markets.
- To understand the recent trends and development in banking system.
- To understand the role of the Reserve Bank of India in Indian financial system.
- To understand the nature and components of Indian financial system.

Course Outcomes:-

After the completion of the course, Students will able to:

- Empowering student's about Indian financial system, indicators of financial development and overview of financial sector reforms.
- Awareness on performance, progress and issues in Indian banking.
- Focuses on features and functioning of financial markets as well as reforms there in.

Periods: 30 lectures (2 lectures per week) per semester

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2025-26

Course Title: INDIAN FINANCIAL SYSTEM (VSC)
(Vocational Skill Course)

SEMESTER – I

No. of Credits - 02 **Course Code: ECVS101 [2]**

Course Code	Units	Topics	Lectures
ECVS101 [2]	**I**	**Introduction to Indian Financial System :** Definition and Meaning of the Financial System, Components of the Financial System: Institutions, Instruments, Markets and Services, Functions and Role of Financial System, Financial system and Economic development, Indicators of Financial Development: FR, FIR, NIR and IR.	**15**
	II	**Financial Institutions and Financial Market** Central Banking – Meaning and Functions: traditional and promotional, Monetary Policy of the RBI, Commercial Banks – Definitions and Nature of Commercial Banks, Functions of Commercial Banks: Primary and Secondary, Growth of commercial banking seems independence, nationalization of commercial banks, Money Market: Meaning, constituents of organized money market and reforms, Features of Indian Market. Capital Market: Role of Capital market in economic development of India, Structure of Indian Capital Market.	**15**

REFERENCE:

1. Bhole L.M. (2011), Financial Institutions and Markets, 5th edition, Tata McGraw- Hill, New Delhi.
2. Pathak Bharti (2008), Indian Financial System – Markets, Institutions and Services, Second Edition – Pearson Education
3. Machiraju (2002), Indian Financial System, Vikas Publishing house, 2nd edition.
4. Varshney P. N. and Mittal D. K. (2002), Indian Financial System, Sultan Chand and sons, New Delhi,
5. Bodie Z. et. el (2009), Financial Economics, Pearson Education New Delhi.
6. Rakesh Mohan and Parth Ray, (2017), Indian financial sector: Structure, Tends & Turns.
7. Dutta Abhijit, (2012), Indian Financial System, Excel Books, Delhi.
8. Desai Vasant, Indian Financial System.
9. Khan M. Y. (2009), Indian Financial System, Tata McGraw- Hill, New Delhi.
10. केळकर रोहिणी, सावंत डी. पी., सोनटक्के व्ही. एस., पंडित राजश्री (२०१६) भारतीय वित्त व्यवस्था, मुंबई विद्यापीठ, दूर व मुक्त अध्ययन संस्था, मुंबई

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2025-26

Course Title: STATISTICAL TECHNIQUES IN ECONOMICS - I (Skill Enhancement Course)

1. Syllabus as per NEP 2020:			
i)	Name of the Programme	:	**Certificate Course in Arts**
ii)	Course Code	:	**ECSE101 [2]**
iii)	Course Titles	:	**STATISTICAL TECHNIQUES IN ECONOMICS – I**
iv)	Credit Structure	:	**No. of Credits per Semester – 02**
v)	No. of lectures per Unit	:	**15**
vi)	No. of lectures per week	:	**02**
2.	**Scheme of Examination**	:	• **Written Exam: 3 Questions of 10 Marks each= 30 Marks** • **Internal Assessment: 20 marks** **Total : 30 + 20 =50**

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2025-26

Course Title: STATISTICAL TECHNIQUES IN ECONOMICS – I
Skill Enhancement Course

Course Code and Title: ECSE101 (Skill Enhancement Course)

SEMESTER - I

Preamble –

The role of statistics is important as well as relevant in economics. The use of statistics can provide a better understanding of various topics discussed and studied under economics. Statistical tools and techniques help understand, discuss and appreciate various topics. Besides, applied subjects in economics make use of statistical tools and techniques to provide more elaborate and enhanced understanding of issues and challenges in the real world. The central focus of the paper is to introduce students to the fundamentals of statistical reasoning and statistical methods in research.

Course Objectives

- To understand the importance of research in economics.
- To know the various research methods.
- To demonstrate the practical and the applied aspects of economics with the help of statistical techniques
- To prepare leaners to realize about various analytical tools and methods in research.

Course Outcomes:-

After the completion of the course, Students will able to:

- To gets on opportunities to learn how to collect and analysis primary and secondary data.
- Ability to develop, demonstrate and examine various topics under economics with the help of statistical techniques.
- Ability to examine subject areas in economics with the use of statistical tools.

Periods: 30 lectures (2 lectures per week) per semester

Certificate Course in Arts Syllabus as

per NEP 2020

To be implemented from the Academic year 2025-26

Course Title: STATISTICAL TECHNIQUES IN ECONOMICS - I (Skill Enhancement Course)

SEMESTER – I

Course Code and Title: Statistical Techniques in Economics – I

No. of Credits - 02 **Course Code: ECSE101 (SEC)**

Course Code	Unit	Topics	Lectures
ECSE101	I	**Introduction to Statistics:** Meaning and Importance of Statistics; Descriptive Statistics and Inferential Statistics, Nature, Scope, Functions and Limitations of Statistics, Features of Statistical Method: Merits and Demerits of Statistical Method; Various Concepts used in Statistical Method; Statistical Survey.	15
	II	**Collection and Organization of data:** Introduction: Sources of Data Collection; Primary Data and Secondary Data; Methods of Collection of Primary Data; Direct Personal Interview, Indirect Oral Interview; Questionnaire Method; Methods of Collecting Secondary data: Published Sources and Unpublished Sources; Census, Sampling, Survey and Case Study Method; Organization of Data: Finding Range, Frequency Distribution.	15

References:

1. R.G.D. Allen, (2001), Mathematical Analysis for Economists, Macmillan, London.

2. Gupta S. P., (1987), Statistical Methods, sultan Chand and Sons, New Delhi.

3. Kothari R. C., (2008), Research Methodology and Techquines, New Age International Publication, New Delhi.

4. Krishnswamy O. R., (1993), Methodology and Research in Social Sciences, Himalaya Publication House, Mumbai.

5. Ghosh B. N., (1192), Scientific Methods and Social research, Sterling Publications Pvt. Ltd. New Delhi.

6. डॉ. क-हाडे बी. एम., (२००७), शास्त्रीय संशोधन पद्धती, पिंपळापुरे अँड कंपनी पब्लिशर्स बावपूर.

7. डॉ. आगलावे प्रदीप, (२०००), संशोधन पद्धतीशास्त्र व तंत्रे, विद्या प्रकाशन, नागपूर.

8. डॉ. भांडारकर पू. ल., सामाजिक संशोधन पद्धती, महाराष्ट्र विद्यापीठ ग्रंथ निर्मिती मंडळ, नागपूर.

9. मुखर्जी रविंद्रनाथ, (१९९८), सामाजिक शोध व संख्यिकी, विवेक प्रकाशन दिल्ली.

Certificate Course in Arts Syllabus as per NEP 2020

Revised Syllabus for FYBA To be implemented from 2025 – 26

Course Title: INDIAN KNOWLEDGE SYETEMS & LOCAL ECONOMIC PRACTICES

(Indian Knowledge System)

1. Syllabus as per NEP 2020:		
i) Name of the Programme	:	**Certificate Course in Arts**
ii) Course Code	:	**ECIK101 [2]**
iii) Course Titles	:	**INDIAN KNOWLEDGE SYETEMS & LOCAL ECONOMIC PRACTICES**
iv) Credit Structure	:	**No. of Credits per Semester – 02**
v) No. of lectures per Unit	:	**15**
vi) No. of lectures per week	:	**02**
2. Scheme of Examination	:	• **Written Exam: 3 Questions of 10 Marks each= 30 Marks** • **Internal Assessment: 20 marks** **Total : 30 + 20 =50**

Certificate Course in Arts Syllabus as per NEP 2020

Revised Syllabus for FYBA To be implemented from 2025 – 26

Course Title: INDIAN KNOWLEDGE SYETEMS & LOCAL ECONOMIC PRACTICES

(Indian Knowledge System)

Course Code and Title: ECIK101 (IKS)

Preamble:-

Indian Knowledge Systems (IKS) represent a rich and holistic tradition of knowledge developed in India over centuries, encompassing philosophy, ethics, governance, economy, ecology, and community life. Indian economic thought, rooted in texts such as Kautilya'sArthashastra and guided by values of Dharma, sustainability, and social welfare, offers meaningful insights for understanding both historical and contemporary economic challenges

Course Objectives

- To understand Indian Knowledge Systems in relation to economics
- To study ancient Indian economic thought and ethics
- To analyze rural, agricultural, and local economies through IKS
- To apply IKS principles to sustainable and regional development

Course Outcomes:-

After the completion of the course, Students will able to:

- Understand Indian economic thought from an IKS perspective
- Relate traditional knowledge to modern economic concepts
- Analyze local economic activities using IKS principles
- Appreciate sustainable and ethical economic practices

Periods: 30 lectures (2 lectures per week) per semester

Certificate Course in Arts Syllabus as per NEP 2020

Revised Syllabus for FYBA To be implemented from 2025 – 26

Course Title: Contribution of Indian Economist in Economics

(Indian Knowledge System)

Course Code and Title: ECIKS101 (IKS)

No. of Credits - 02 **Course Code: ECIKS101**

Course Code	Units	Topics	Lectures
ECIKS101	I	**Kautilya's Arthashastra and Local Governance** • Introduction to Kautilya's Arthashastra • Role of the state in economic administration • Taxation system and market regulation • Trade, prices, and public welfare Local Case Study - Local Governance and Market Regulation in Sindhudurg • Weekly markets (Savantwadi, Kudal, Malvan) • Local taxes, fees, regulation Comparison with Kautilya's taxation • Comparison with Kautilya's taxation principles	15
	II	**Rural and Agricultural Economy - Indian Perspective** • Traditional agricultural practices in India • Water management and conservation systems • Village economy and self-sufficient villages • Panchayat system and local self-governance Local Case Study - Alphonso Mango (Hapus) Cultivation in Sindhudurg • Traditional farming practices • Rain-fed agriculture • Cost, production and marketing • IKS principle of Nature-friendly Agriculture	15

References:

- *Kautilya - Arthashastra*
- Kapila Vatsyayan - Indian Knowledge Systems
- Bimal N. Patel - Indian Economic Thought
- Government of Maharashtra – District Economic Reports
- Local Panchayat and Zilla Parishad Development Reports

University of Mumbai
SHRI PANCHAM KHEMRAJ MAHAVIDYALAYA
SAWANTWADI (Autonomous)
Revised Syllabus Academic Year 2025 – 26
F.Y.B.A. Economics
Semester- I

Question Paper Pattern of Major Subject
Scheme of Examination for Each Semester:

Continuous Internal Evaluation (CIE): 40 Marks

Sr. No.	Particulars	Marks
01	One Unit Tests	20 Marks
02	Home Assignment/ Book Review/Skit/ Presentation/Poster/Chart /Model Making	15 Marks
03	Attendance	05 Marks
	Total	**40 Marks**

Semester End Examination (SEE): 60 Marks

Duration: 2 hours		**Marks: 60**
N.B. 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils and simple Calculator is allowed. 3. Attach appendix along with answer paper.		
Q. 1	**Unit-I**	**15 Marks**
	OR	
Q.1	**Unit-I** **(Question may be divided in to A and B)**	**15 Marks**
Q. 2	**Unit-II**	**15 Marks**
	OR	
Q. 2	**Unit-II** **(Question may be divided in to A and B)**	**15 Marks**
Q. 3	**Unit-III**	**15 Marks**
	OR	
Q. 3	**Unit-III** **(Question may be divided in to A and B)**	**15 Marks**
Q. 4	**Unit-IV**	**15 Marks**
	OR	
Q. 4	**Unit-IV** **(Question may be divided in to A and B)**	**15 Marks**

University of Mumbai
SHRI PANCHAM KHEMRAJ MAHAVIDYALAYA SAWANTWADI
(Autonomous)
Revised Syllabus Academic Year 2025 - 26
F.Y.B.A. Economics
Semester- I

Question Paper Pattern of Indian Knowledge System Course

Scheme of Examination for Each Semester:

Continuous Internal Evaluation (CIE): 20 Marks

Sr. No.	Particulars	Marks
01	Presentation/Seminar/ Home Assignment	15 Marks
02	Attendance	05 Marks
	Total	**20 Marks**

Semester End Examination (SEE): 30 Marks

Duration: 2 hours		**Marks: 30**
N.B. 1. All questions are compulsory and carry equal marks. 2. Use of Map Stencils and simple Calculator is allowed. 3. Attach appendix along with answer paper.		
Q. 1	**Unit-I**	**10 Marks**
	OR	
	Unit-I	**10 Marks**
Q. 2	**Unit-II**	**10 Marks**
	OR	
	Unit-II	**10 Marks**
Q. 3	**Unit-I & II**	**10 Marks**
	Short Notes (Any Two)	

F.Y.B.A. ECONOMICS

Semester - II

SHRI PANCHAM KHEMRAJ MAHAVIDYALAYA SAWANTWADI (Autonomous)
DEPARTMENT OF ECONOMICS
Proposed List of Major, Minor, Open Elective, Skill Enhancement Course, Ability Enhancement Compulsory Course, Indian Knowledge System Course, Vocational Skill Course, Details of Semesters
(To be implemented from Academic Year 2024-25)

Program: Certificate Course **Class: BA** **Semester: II**

Sr. No	Course Code	Title of the Course	Category of Course	No. of Lecture Hours	No. of Lectures per Unit	Teaching Hours per week (L+P)	SEE	CIE	Total Marks	No. of Credits
1	A102ECT	Micro Economics - II	Major	60	15	04+00	60	40	100	4
2	A102ECT	Micro Economics - II	MINOR	60	15	04+00	60	40	100	4
3	ECVS102	Indian Financial System - II	VSC	30	10	02+00	40	10	50	2
4	ECSE102	Statistical Techniques for Economist - II	SEC	30	10	02+00	40	10	50	2
5	ECOE102	Indian Economy	OE	30	10	02+00	40	10	50	2
			Sub - Total	150	45	10 +00	180	70	250	10

Notes:
One Hour of Lecture is equal to 1 Credit
One Hour of Tutorial is equal to I Credit
One Hour of Practical is equal to 1 Cred

Acronyms Expanded
MJ : Major
MN : Minor
OE : Open Elective Course
SEC : Skill Enhancement Course
VECC : Value Education Compulsory Course
IKS : Indian Knowledge System
VSC : Vocational Skill Course
SEE : Semester End examination
CIE :- Continuous Internal Evaluation
L+P : Lecture + Practical(s)

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2024-25

(Major Course) A101ECT: Economics

Micro Economics II

1. Syllabus as per NEP 2020:				
	i)	Name of the Programme	:	**Certificate Course in Arts**
	ii)	Course Code	:	**(Major Course) A102ECT**
	iii)	Course Titles	:	**Introduction to Micro Economics - II**
	iv)	Credit Structure	:	**No. of Credits per Semester - 04**
	v)	No. of lectures per Unit	:	**15**
	vi)	No. of lectures per week	:	**04**
2.	**Scheme of Examination**		:	• **Written Exam: 4 Questions of 15 Marks each : 60 Marks** • **Internal Assessment: 40 marks Total : 60 + 40 =100**

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2024-25

(Major Course) A102ECT (04):

Course Title: Micro Economics II

SEMESTER II

Preamble:-

As a logical sequence to Microeconomics Paper –I, this paper is aimed at giving supply side knowledge of Economics to the learner which will enhance their knowledge about aspects of production, cost and revenue analysis, theories of distribution and understanding about the Market structure.

Course Objectives:-

- To understand producer decision making and producer behavior.
- To understand the concepts of cost and revenue.
- To help students understand the concepts of distribution and factor pricing.
- To enable students to understand different types of market structures and their working.

Course Outcomes:-

After the completion of the course, Students will able to:

- Use the concepts of production, cost and revenue analysis along with the understanding of producer's behavior and producer's equilibrium in real life situations.
- Understand concepts of production and costs.
- Analyze a firms profit maximizing strategies under different market conditions.

Periods: 60 Lectures (4 lectures per week) per semester

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2024-25

(Major Course) A102ECT (04): Economics

Course Title: Micro Economics - II

SEMESTER II

No. of Credits - 04 **Course Title: A102ECT (04)**

Course Code	Units	Topics	Lectures
A102ECT [4]	I	**Production Analysis:** Production: Production function; Concept and Types; Technology Automation and Artificial Intelligence in production Law of Variable Proportion and Returns to Scale, Isoquant and Producer's Equilibrium. Economies and Diseconomies of Scale.	15
	II	**Cost & Revenue Analysis:** Concepts of costs: Cost Control & Cost Mangement Techniues Break even Analysis , Private cost, Costs, Relationship between Average, Marginal and Total Cost, Short Run and Long Run Cost Curves, Concepts of Revenue: Revenue curves under Perfect Competition and Imperfect Competition.	15
	III	**Factor pricing:** Marginal Productivity Theory of Distribution, Rent: Ricardian Theory of Rent, Modern Theory of Rent, Wages: Modern theory of Wages; Collective Bargaining; Interest: Gig – Economy & Labor Market Loanable Funds Theory of Interest; Profit: Risk and Uncertainty Theory; Innovation Theory.	15
	IV	**Equilibrium in Different Market Structure:** Meaning and E–Commerce Market Structure, Network Effects and Digital Platforms Monopoly, Monopolistic Competition and Oligopoly; Short Run and Long Run Equilibrium of Firm and Industry under each Market Condition; Types of monopoly, Price discrimination: Meaning, Types, Degrees and conditions.	15

References:

1. Mankiw N. G., (2015), Principles of Micro economics, 7 th edition, engage learning

2. Sen Anindya, (2007), Microeconomics, Theory and Application, Oxford University press, New Delhi.

3. Dr. Mithani D. M., Sayyed Nazneen, (2018), Business Economics – I, Sheth Publisher, Pvt, Ltd.

4. A Koulsoyainnis (2015), Modern Microeconomics, 2nd Edition, Pagrave Macinillian.

5. Paul Samnelson and W. Nordhaus (2009), Economics, 19th Edition, Economics, McGrawhill Publications.

6. H. L. Ahuja (2016), Microeconomics Theory, S. Chand & Company.

5. सुरवसे बालाजी, कांबळे आनंद, सामंत मनीषा, महालिंगे युवराज (२०२१), सूक्ष्म लक्ष्मी अर्थशास्त्र, सेठ प्रकाशन, मुंबई

6. मुळे कल्पना (२०११), सूक्ष्मलक्षी अर्थशास्त्र, विद्या वैभव प्रकाशन, पुणे

7. वेल्हणकर नंदिनी, खंडारे विजय, (२०१७), सूक्ष्मलक्षी अर्थशास्त्र निराली प्रकाशन, पुणे

8. शेलार दीपक, पसारे धनंजय, पिसे राकेश, (२०१७), सूक्ष्म लक्ष्मी अर्थशास्त्र, Tech Max पब्लिकेशन, पुणे

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2024-25

(Minor Course) A101ECT: Economics

Micro Economics II

1. Syllabus as per NEP 2020:				
	i)	Name of the Programme	:	**Certificate Course in Arts**
	ii)	Course Code	:	**(Major Course) A102ECT**
	iii)	Course Titles	:	**Introduction to Micro Economics - II**
	iv)	Credit Structure	:	**No. of Credits per Semester - 04**
	v)	No. of lectures per Unit	:	**15**
	vi)	No. of lectures per week	:	**04**
2.	**Scheme of Examination**		:	• **Written Exam: 4 Questions of 15 Marks each : 60 Marks** • **Internal Assessment: 40 marks Total : 60 + 40 =100**

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2024-25

(Minor Course)A102ECT (04):

Course Title: Micro Economics II

SEMESTER II

Preamble:-

As a logical sequence to Microeconomics Paper –I, this paper is aimed at giving supply side knowledge of Economics to the learner which will enhance their knowledge about aspects of production, cost and revenue analysis, theories of distribution and understanding about the Market structure.

Course Objectives:-

- To understand producer decision making and producer behavior.
- To understand the concepts of cost and revenue.
- To help students understand the concepts of distribution and factor pricing.
- To enable students to understand different types of market structures and their working.

Course Outcomes:-

After the completion of the course, Students will able to:

- Use the concepts of production, cost and revenue analysis along with the understanding of producer's behavior and producer's equilibrium in real life situations.
- Understand concepts of production and costs.
- Analyze a firms profit maximizing strategies under different market conditions.

Periods: 60 Lectures (4 lectures per week) per semester

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2024-25

(Minor Course) A102ECT (04): Economics

Course Title: Micro Economics - II

SEMESTER II

No. of Credits - 04 **Course Title: A102ECT (04)**

Course Code	Units	Topics	Lectures
A102ECT [4]	I	**Production Analysis:** Production: Production function; Concept and Types; Technology Automation and Artificial Intelligence in production Law of Variable Proportion and Returns to Scale, Isoquant and Producer's Equilibrium. Economies and Diseconomies of Scale.	15
	II	**Cost & Revenue Analysis:** Concepts of costs: Cost Control & Cost Mangement Techniues Break even Analysis, Private cost, Costs, Relationship between Average, Marginal and Total Cost, Short Run and Long Run Cost Curves, Concepts of Revenue**:** Revenue curves under Perfect Competition and Imperfect Competition.	15
	III	**Factor pricing:** Marginal Productivity Theory of Distribution, Rent: Ricardian Theory of Rent, Modern Theory of Rent, Wages: Modern theory of Wages; Collective Bargaining; Interest: Gig – Economy & Labor Market Loanable Funds Theory of Interest; Profit: Risk and Uncertainty Theory; Innovation Theory.	15
	IV	**Equilibrium in Different Market Structure:** Meaning and E–Commerce Market Structure, Network Effects and Digital Platforms Monopoly, Monopolistic Competition and Oligopoly; Short Run and Long Run Equilibrium of Firm and Industry under each Market Condition; Types of monopoly, Price discrimination: Meaning, Types, Degrees and conditions.	15

References:

1. Mankiw N. G., (2015), Principles of Micro economics, 7 th edition, engage learning

2. Sen Anindya, (2007), Microeconomics, Theory and Application, Oxford University press, New Delhi.

3. Dr. Mithani D. M., Sayyed Nazneen, (2018), Business Economics – I, Sheth Publisher, Pvt, Ltd.

4. A Koulsoyainnis (2015), Modern Microeconomics, 2nd Edition, Pagrave Macinillian.

5. Paul Samnelson and W. Nordhaus (2009), Economics, 19th Edition, Economics, McGrawhill Publications.

6. H. L. Ahuja (2016), Microeconomics Theory, S. Chand & Company.

5. सुरवसे बालाजी, कांबळे आनंद, सामंत मनीषा, महालिंगे युवराज (२०२१), सूक्ष्म लक्ष्मी अर्थशास्त्र, सेठ प्रकाशन, मुंबई

6. मुळे कल्पना (२०११), सूक्ष्मलक्षी अर्थशास्त्र, विद्या वैभव प्रकाशन, पुणे

7. वेल्हणकर नंदिनी, खंडारे विजय, (२०१७), सूक्ष्मलक्षी अर्थशास्त्र निराली प्रकाशन, पुणे

8. शेलार दीपक, पसारे धनंजय, पिसे राकेश, (२०१७), सूक्ष्म लक्ष्मी अर्थशास्त्र, Tech Max पब्लिकेशन, पुणे

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2024-25

Course Title: INDIAN FINANCIAL SYSTEM
(Vocational Skill Course)

SEMESTER - II

1. Syllabus as per NEP 2020:			
i)	Name of the Programme	:	**Certificate Course in Arts**
ii)	Course Code	:	**ECVS102 [2]**
iii)	Course Titles	:	**INDIAN FINANCIAL SYSTEM II (VSC)**
iv)	Credit Structure	:	**No. of Credits per Semester – 02**
v)	No. of lectures per Unit	:	**15**
vi)	No. of lectures per week	:	**02**
2.	**Scheme of Examination**	:	• **Written Exam: 3 Questions of 10 Marks each= 30 Marks** • **Internal Assessment: 20 marks** **Total : 30 + 20 =50**

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2024-25

Course Title: INDIAN FINANCIAL SYSTEM - II
(Vocational Skill Course)

Course Code and Title: ECVS102 (Vocational Skill Course)

SEMESTER - II

Preamble:-

The post globalized period has brought about remarkable changes in the financial sector. The purpose of this paper is to acquaint students with the working of the system and the recent changes that have taken place. The opening of the financial markets and the evolution of new instruments should also be an important constituent of the paper. It was also necessary that financial services be discussed separately as a topic.

Course Objectives:-

- To provide information on various financial instruments and Derivatives market in India.
- To introduced traddional, modern and hybrid financial instruments.
- To throw light on the valuation of assets of derivatives and financial services and regulation.

Course Outcomes:-

After the completion of the course, Students will able to:

- Empowers students about the evaluation and significance of financial services, overview of new products and practices in the provision of financial services.
- Focuses on financial instruments and derivatives market in India.
- The course leads to project work / case studies based on empirical examples such as: financial instruments, comparative analysis.

Periods: 30 lectures (2 lectures per week) per semester

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2024-25

Course Title: INDIAN FINANCIAL SYSTEM - II
(Vocational Skill Course)

SEMESTER – II

No. of Credits - 02 **COURSE CODE: ECVS102**

Course Code	Units	Topics	Lectures
ECVS102 [2]	**I**	**Financial Instruments and Derivatives Market in India:** Traditional Instruments: Equities, Debentures and Bonds; New Instruments: Floating Rate Bonds, Zero Interest Bonds, Deep Discount Bonds, Meaning of Derivatives and their Significance; Need for Financial Derivatives; Types of Financial Derivatives; Pricing of Derivatives; Derivatives Trading in India.	**15**
	II	**Financial Services & Regulation:** Classification, Importance and Working of Financial Services; Insurance, Mutual Funds, Leasing, Venture Financing, Credit Rating, Merchant Banking, E – Banking, Factoring and Forfeiting; Micro Finance and Financial Inclusion; Regulation of the Financial System: RBI, SEBI and IRDA. Auction Rated Debentures; Securitized Papers; Collateralized Debt Obligations.	**15**

References:

1. Bhole L.M. (2008), Financial Institutions and Markets, Growth and Innovation, Tata McGraw- Hill, New Delhi.

2. Khan M.Y. (2009), Financial Services, Tata McGraw-Hill, New Delhi.

3. Pathak Bharti (2008), Indian Financial System – Markets, Institutions and Services, Second Edition – Pearson Education

4. Machiraju (2002), Indian Financial System, Vikas Publishing house, 2nd edition.

5. Paul J. and P. Suresh (2008), Management of Banking and Financial Services, Pearson Education, Delhi.

6. Khan M.Y. (2007), Financial Services, Tata McGraw-Hill, New Delhi.

7. Hull John (2002), Introduction to Future and Options Market, Prentice Hall of India, New Delhi.

8. World Bank (2001), Developing Government Bond Market – A Handbook.

9. Reserve Bank of India (Various issues) Report on Currency and Finance, RBI, Mumbai.

10. Reserve Bank of India (1997), Occasional Papers, Vol. 18 Nos. 2 & 3 RBI, Mumbai.

11. Strong R. A. (2002), Derivatives: An introduction; Thomson Asia Pte. Ltd. Bangalore.

12. Rajesh Kothari, Financial Services in India: Concept and Application.

11. केळकर रोहिणी, सावंत डी. पी., सोनटक्के व्ही. एस., पंडित राजश्री (२०१६), भारतीय वित्त व्यवस्था, मुंबई विद्यापीठ, दूर व मुक्त अध्ययन संस्था, मुंबई

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2024-25

Course Title: STATISTICAL TECHNIQUES IN ECONOMICS - II
(Skill Enhancement Course)

1. Syllabus as per NEP 2020:				
	i)	Name of the Programme	:	**Certificate Course in Arts**
	ii)	Course Code	:	**ECSE102 [2]**
	iii)	Course Titles	:	**STATISTICAL TECHNIQUES IN ECONOMICS – II**
	iv)	Credit Structure	:	**No. of Credits per Semester – 02**
	v)	No. of lectures per Unit	:	**15**
	vi)	No. of lectures per week	:	**02**
2.	**Scheme of Examination**		:	• **Written Exam: 3 Questions of 10 Marks each= 30 Marks** • **Internal Assessment: 20 marks** **Total : 30 + 20 =50**

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2024-25

Course Title: STATISTICAL TECHNIQUES IN ECONOMICS - II
Skill Enhancement Course

Course Code and Title: ECSE102 (Skill Enhancement Course)

SEMESTER - II

Preamble –

This paper introduces the students to statistical techniques which are applied in various areas of research. This paper is designed with the view to introduce the concepts, principles and methods of economic research based on qualitative and quantitative data economic. A data has emerged at an exponential rate and it is the description, interpretation and understanding of these data and drawing of accurate conclusion that is imperative for a students of economics.

Course Objectives

- To provide an understanding of statistics and its application under various topics under economics.
- To present the data an attractive and impressive manner.
- To bring out the characteristics of the data.

Course Outcomes:-

After the completion of the course, Students will able to:

- To understand data collection and presentation for quality research in social sciences.
- Help to develop various statistical concepts and their application not only in economics but also for other subjects.
- Able to classify and present the collected data in the form of graph, bar diagram, Chart etc.
- To apply the statistical techquies to various problems in economics.

Periods: 30 lectures (2 lectures per week) per semester

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2024-25

Course Title: STATISTICAL TECHNIQUES IN ECONOMICS - II
(Skill Enhancement Course)

SEMESTER – II

No. of Credits - 02 **Course Code: ECSE102 (SEC)**

Course Code	Units	Topics	Lectures
ECOE103 [2]	I	**Diagrammatic and Graphic presentation** Introduction, Importance of Diagrams and Graphs, Types of Diagrams. General Principles for Constructing Diagrams, Techniques of Constructing Graphs, Graphs of Frequency Distribution, Tabulation, Features and Components of Table, Types of Tables.	15
	II	**Data Analysis and Interpretation** Introduction of Statistical Techniques, Role of Statistical Methods in Research, Measurement of Central Tendency, Types of Averages, Arithmetic Mean, Geometric Mean, Median, Quartiles, Defiles, Percentiles, Mode. Measures of variation: Range, Quartile Deviation.	15

Reference:

1. R.G.D. Allen (2001), Mathematical Analysis for Economists, Macmillan, London.

2. Gupta S. P. (1987), Statistical Methods, sultan Chand and Sons, New Delhi.

3. Kothari R. C. (2008), Research Methodology and Techquines, New Age International Publication, New Delhi.

4. Krishnswamy O. R. (1993), Methodology and Research in Social Sciences, Himalaya Publication House, Mumbai.

5. Ghosh B. N. (1192), Scientific Methods and Social research, Sterling Publications Pvt. Ltd. New Delhi

6. डॉ. क-हाडे बी. एम. (२००७), शास्त्रीय संशोधन पद्धती, पिंपळापुरे अँड कंपनी पब्लिशर्स बावपूर,

7. डॉ. आगलावे प्रदीप, (२०००), संशोधन पद्धतीशास्त्र व तंत्रे, विद्या प्रकाशन, नागपूर

8. डॉ. भांडारकर पू. ल., सामाजिक संशोधन पद्धती, महाराष्ट्र विद्यापीठ ग्रंथ निर्मिती मंडळ, नागपूर

9. मुखर्जी रविंद्रनाथ, (१९९८), सामाजिक शोध व संख्यिकी, विवेक प्रकाशन दिल्ली,

10. कुंभोजकर जी. व्ही., संशोधन पद्धती व संख्या शास्त्र, एम. व्ही, फडके अँड कंपनी, कोल्हापूर

11. प्रा. देशमुख राम, (२००५), मूलभूत सांख्यिकी, विद्या प्रकाशन, नागपूर,

12. डॉ. पाटील वा. भा., (२०१०), संशोधन पद्धती", प्रशांत पब्लिकेशन

13. प्रा. भोसले के. एम., प्रा. काटे के. बी., (२००९), अर्थशास्त्रातील संशोधन पद्धती शास्त्र, फडके प्रकाशन, कोल्हापूर, जुलै २००९

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2024-25

Course Title: INDIAN ECONOMY
(Open Elective Course)

1. Syllabus as per NEP 2020:			
i)	Name of the Programe	:	**Certificate Course in Arts**
ii)	Course Code	:	**ECOE102[2]**
iii)	Course Titles	:	**Indian Economy** **Semester II**
iv)	Credit Structure	:	**No. of Credits per Semester – 02**
v)	No. of lectures per Unit	:	**15**
vi)	No. of lectures per week	:	**02**
2.	**Scheme of Examination**	:	• **Written Exam: 3 Questions of 10 Marks each= 30 Marks** • **Internal Assessment: 20 marks** **Total : 30 + 20 =50**

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2024-25

Course Title: INDIAN ECONOMY
(Open Elective Course)

SEMESTER – II

Course Code and Title: ECOE102 (OE) – II

Preamble –

This paper deals with the nature and sector wise composition of Indian economy. The learners shall be able to understand the problems and prospects of Indian economy. The content has also intended to orient the learners about the recent development in the economy.

Course Objectives

- To introduce the students to the Indian economy.
- To develop and understanding of challenges facing the Indian Economy.
- To varied challenges confronting the Indian economy with special reference to its developmental challenges.
- To generate awareness on the solutions to deal with the development challenges of the Indian economy in the 21st century globalized world.

Course Outcomes:-

After the completion of the course, Students will able to:

- To understand the role and importance of Indian Economic development.
- Evaluation on the nature and growth of Indian economy.
- Understand the current problem of Indian economy.

Periods: 30 lectures (2 lectures per week) per semester

Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2024-25

Course Title: INDIAN ECONOMY
(Open Elective Course)

SEMESTER – II

Course Code and Title: ECOE102 (OE) II

No. of Credits - 02 **Course Code: ECOE102 (OE) II**

Course Code	Units	Topics	Lectures
ECOE102 [2]	**I**	**Introduction :-** Trends in India's National Income and PCI since 1990, Structural Changes in Indian Economy: Brief overview of Employment Generation and Poverty Alleviation Programmes; Regional Inequalities: Causes and Measures to Reduce Regional Inequalities in India.	**15**
	II	**Industrial and Service sector :-** Infrastructure for Industrial Economy; Industrial Policies in India; Industrial Policy of 1991; Micro, Small and Medium Enterprises (MSME's): Importance, Problems and Solutions; Recent Policies and Programs: Start Up India, Make in India, Skill India; Role of Service Sector in Indian Economy; Trend and Problems of Service Sector; Research and Development Services.	**15**

References:-

1. Mishra S.K. & Puri V.K., (2018), Indian Economy, Himalaya Publishing House, Mumbai.
2. Ashwini Mahajan, Gaurav Datt (2018), Indian Economy, S. Chand & Company Ltd, New Delhi.
3. Brahmananda R. R. and Panchamukhi V. R. (Eds) (2001), Development, Experience in the Indian Economy: Interstate Perspectives, Book well, New Delhi.
4. Datt Ruddra and Sundaram K. P. M. (2017), Indian Economy, S Chand & Company Ltd. New Delhi.
5. Datt and Sundaram (2012), Indian Economy, S Chand & Company, New Delhi.
6. Uma Kapila, (2018), Indian Economy: Performance and Policies, 2018-2019, Academic Foundation, New Delhi.
7. अट्रावलकर एस. एच. (२०१४), भारतीय अर्थव्यवस्था, सेठ प्रकाशन प्रा., मुंबई
8. सुरवसे बालाजी, महालिंगे युवराज, सामंत मनीषा, कदम दिवाकर, जुमारे अविनाश, कांबळे आनंद (२०२१), भारतीय अर्थव्यवस्था, सेठ प्रकाशन प्रा., मुंबई

University of Mumbai
SHRI PANCHAM KHEMRAJ MAHAVIDYALAYA
SAWANTWADI (Autonomous)
Revised Syllabus Academic Year 2024-25
F.Y.B.A. Economics
Semester- II

Question Paper Pattern of Major Subject
Scheme of Examination for Each Semester:

Continuous Internal Evaluation (CIE): 40 Marks

Sr. No.	Particulars	Marks
01	One Unit Tests	20 Marks
02	Home Assignment/ Book Review/Skit/ Presentation/Poster/Chart /Model Making	15 Marks
03	Attendance	05 Marks
	Total	**40 Marks**

Semester End Examination (SEE): 60 Marks

Duration: 2 hours		**Marks: 60**
N.B. 1. All questions are compulsory and carry equal marks. 4. Use of Map Stencils and simple Calculator is allowed. 5. Attach appendix along with answer paper.		
Q. 1	**Unit-I**	**15 Marks**
	OR	
Q.1	**Unit-I** **(Question may be divided in to A and B)**	**15 Marks**
Q. 2	**Unit-II**	**15 Marks**
	OR	
Q. 2	**Unit-II** **(Question may be divided in to A and B)**	**15 Marks**
Q. 3	**Unit-III**	**15 Marks**
	OR	
Q. 3	**Unit-III** **(Question may be divided in to A and B)**	**15 Marks**
Q. 4	**Unit-IV**	**15 Marks**
	OR	
Q. 4	**Unit-IV** **(Question may be divided in to A and B)**	**15 Marks**

University of Mumbai
SHRI PANCHAM KHEMRAJ MAHAVIDYALAYA SAWANTWADI
(Autonomous)
Revised Syllabus Academic Year 2024-25
F.Y.B.A. Economics
Semester- II

Question Paper Pattern of Indian Knowledge System Course
Scheme of Examination for Each Semester:

Continuous Internal Evaluation (CIE): 20 Marks

Sr. No.	Particulars	Marks
01	Presentation/Seminar/ Home Assignment	15 Marks
02	Attendance	05 Marks
	Total	**20 Marks**

Semester End Examination (SEE): 30 Marks

Duration: 2 hours		**Marks: 30**
N.B. 1. All questions are compulsory and carry equal marks. 4. Use of Map Stencils and simple Calculator is allowed. 5. Attach appendix along with answer paper.		
Q. 1	**Unit-I**	**10 Marks**
	OR	
	Unit-I	**10 Marks**
Q. 2	**Unit-II**	**10 Marks**
	OR	
	Unit-II	**10 Marks**
Q. 3	**Unit-I & II**	**10 Marks**
	Short Notes (Any Two)	