

As per NEP 2020



UNIVERSITY OF MUMBAI

S. Z. S. P. 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	2023 -2024

Sign of HOD / Co-ordinator

Sign of Dean

Asso. Prof. Neelam Devendra Dhuri

Faculty of Arts

Department of Economics

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 the 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 completion of this programme 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 completion of this programme 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.

Credit Structure of the Program Arts Faculty

Level	Class	Sem	Major (Mandatory)		Major (Elective)		Minor		Open Elective		Vocational Skill Courses / Skill Enhancement Courses		Ability Enhancement Courses/Value Education Courses/Indian Knowledge System		Field Project/Internship/Community Engagement/Co-curricular Courses		TOTAL CREDITS	Degree	
			MAJOR SUBJECTS	TOTAL CREDITS	MAJOR SUBJECTS	TOTAL CREDITS	MINOR COURSES	TOTAL CREDIT	OPEN ELECTIVE COURSES	TOTAL CREDITS	VSEC COURSES	TOTAL CREDITS	AEC,VEC, IKS COURSES	TOTAL CREDITS	DETAILS OF FP/CE/CC	TOTAL CREDITS			
4.5	FYBA	I	MJ-01	4	-	0	MN-01	4	OE-1	2	SEC	2	AEC(CS)	2	CC /NSS/NCC Studies/DLLE	2	22	Exit Option : Award of UG Certificate in Major with 44 Credits and an additional 4 credits Core NSQF course/ Internship or Continue with Major and Minor	
											VSC	2	VEC(EVS)	2					
		II	MJ-02	4	-	0	MN-02	4	OE-2	4	SEC	2	AEC(CS)	2	CC /NSS/NCC Studies/DLLE	2	22		
									OE-3		VSC	2	VEC(EVS)	2					
5	SYBA	III	MJ-03	8	-	0	MN-03	4	OE-4	2	VSC	2	AEC(CS)	2	CC /NSS/NCC Studies/DLLE	2	Exit Option : Award of UG Diploma in Major with 88 Credits and an additional 4 credits Core NSQF course/ Internship or Continue with Major and Minor		
			MJ-04										VEC(EVS)	2					
		IV	MJ-05	8	-	0	MN-04	4	OE-5	2	SEC	2	AEC(CS)	2	CC /NSS/NCC Studies/DLLE	2		22	
			MJ-06								VSC	2							
5.5	TYBA	V	MJ-07	16	MJE-01	4	MN-05	2									22	Exit Option : Award of UG Degree in Major with 132 Credits or Continue with Major for Honours/ Research	
			MJ-08																
			MJ-09																
			MJ-10																
		VI	MJ-11	16	MJE-02	4													22
			MJ-12																
			MJ-13																
			MJ-14																
Total Credits			Major 56+8=64				Minor	18	OE	10	VSEC	14	AEC.VES,IKS	16		10	132		
6	Fourth Year of BA	VII	MJ-15	12	MJE-03	4	MN-06	4									22	Award of Bachelor of Arts Degree with Honours (with the completion of Courses equal to a minimum of 176 credits)	
			MJ-16																
			MJ-17																
			MJ-18																
		VIII	MJ-19	12	MJE-04	4													22
			MJ-20																
			MJ-21																
			MJ-22																
Total Credits			Major 84+16=100				Minor	22	OE	10	VSEC	14	AEC.VES,IKS	16		14	176		

**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 2023-24)

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	MJA101ECT	Micro Economics - I	Major	60	15	04+00	60	40	100	4
2	MNA101ECT	Micro Economics - I	Minor	-	-	-	-	-	-	-
3	ECOE101	Agricultural Economics	OE	30	10	02+00	40	10	50	2
4	ECSE101	Statistical Techniques for Economist - I	SEC	30	10	02+00	40	10	50	2
5	ECVS101	Indian Financial System - I	VSC	30	10	02+00	40	10	50	2
6	ECIK101	Contribution of Indian Economist in Economics	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)



Title of the Programme

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. Turlapati Venkata Govardhan Sharma	M.A. M.Phil. Ph.d.	Economics	Asst. Prof. Chh. Shahu Institute of Business Education & Research (Shivaji University)	Subject Expert from outside the Parent University Nominated by Academic Council
05	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
06	Dr. Kashinath Ramchandra Chavan	M.A.Ph.d.	Economics	Art, Commerce & Science College, Lanja, Tal – Lanja, Dist Ratnagiri	Subject Expert nominated by Vice Chancellor
07	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
08	Miss. Aishwarya Dipak Pendse	M.A.	Economics	S. P. K. Mahavidyalaya, Sawantwadi	College Alumni nominated by Principal
09	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



F.Y.B.A. ECONOMICS

SEMESTER - I

**Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2023-24**

(Major/Minor Course) MJA101ECT: Economics

Micro Economics I

1. Syllabus as per NEP 2020:		
i)	Name of the Programme	: Certificate Course in Arts
ii)	Course Code	: (Major Course) MJA101ECT
iii)	Course Titles	: Introduction to 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	: <ul style="list-style-type: none">• Written Exam: 4 Questions of 15 Marks each : 60 Marks• Internal Assessment: 40 marksTotal : 60 + 40 =100

**Syllabus as per NEP 2020 for Certificate Course in Arts
(Major Course) MJA101ECT: Economics**

To be implemented from the Academic year 2023-24

Course Title: Micro Economics I

SEMESTER 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 the nature and subject matter of economics.
- Get introduced to the frame work for learning about consumer behavior and analyzing consumer decisions.

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

Syllabus as per NEP 2020 for Certificate Course in Arts

(Major Course) MJA101ECT (04): Economics

To be implemented from the Academic year 2023-24

Course Title: Micro Economics I

SEMESTER I

No. of Credits - 04

Course Title: MJA101ECT

Course Code	Units	Topics	Lectures
MJA101ECT [4]	I	Introduction to Microeconomics Microeconomics: Meaning, Scope, Nature, Importance and Limitations; Basic Economic Problems; Role of Price Mechanism in a Market Economy; Positive Economics and Normative Economics; Concepts of Equation, Functions, Graphs, Diagrams, Line, Slope and Intercept. Concepts of Equilibrium and Types.	15
	II	Ten Principles of Economics Trade-Off Faced by the Individuals; Significance of Opportunity Cost in Decision Making; Thinking at the Margin; Responses to Incentives: Benefits from Exchange; Organization of Economic Activities through Markets and its Benefits; Role of Government in improving Market Outcomes; Dependence of Standard of Living on Production; Growth in Quantity of Money; Inflation and Unemployment Trade Off.	15
	III	Markets, Demand and Supply Demand Function; Law of Demand; Demand Curves; Market Demand versus Individual demand; Supply Curves; Market supply and Individual Supply, Market Equilibrium; Determinants of Demand and Supply; Concept and Importance of Elasticity of Demand; Price Elasticity of Demand, Income Elasticity of Demand and Cross Elasticity of Demand.	15
	IV	Consumer's Behavior Introduction to Cardinal and Ordinal Approaches; Utility	15

		Analysis: Law of Diminishing Marginal Utility, Law of Equi-Marginal Utility, Consumer's Surplus; Indifference Curve Analysis; Properties of Indifference Curves, Marginal Rate of Substitution; Budget Line and Consumer's Equilibrium; Income, Price and Substitution Effect; Revealed Preference Theory.	
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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.
6. सुरवसे बालाजी, कांबळे आनंद, सामंत मनीषा, महालिंगे युवराज (२०२१), सूक्ष्म लक्ष्मी अर्थशास्त्र, सेठ प्रकाशन, मुंबई
7. मुळे कल्पना (२०११), सूक्ष्मलक्ष्मी अर्थशास्त्र, विद्या वैभव प्रकाशन, पुणे
8. वेल्हणकर नंदिनी, खंडारे विजय, (२०१७), सूक्ष्मलक्ष्मी अर्थशास्त्र” निराली प्रकाशन, पुणे
9. 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 2023-24**

(Minor Course) MNA101ECT: Economics

Micro Economics I

1. Syllabus as per NEP 2020:		
i)	Name of the Programme	: Certificate Course in Arts
ii)	Course Code	: (Minor Course) MNA101ECT
iii)	Course Titles	: Introduction to 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	: <ul style="list-style-type: none">• Written Exam: 4 Questions of 15 Marks each : 60 Marks• Internal Assessment: 40 marksTotal : 60 + 40 =100

**Syllabus as per NEP 2020 for Certificate Course in Arts
(Minor Course) MNA101ECT: Economics**

To be implemented from the Academic year 2023-24

Course Title: Micro Economics I

SEMESTER 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 the nature and subject matter of economics.
- Get introduced to the frame work for learning about consumer behavior and analyzing consumer decisions.

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

Syllabus as per NEP 2020 for Certificate Course in Arts

(Minor Course) MNA101ECT (04): Economics

To be implemented from the Academic year 2023-24

Course Title: Micro Economics I

SEMESTER I

No. of Credits - 04

Course Title: MNA101ECT

Course Code	Units	Topics	Lectures
MNA101ECT [4]	I	Introduction to Microeconomics Microeconomics: Meaning, Scope, Nature, Importance and Limitations; Basic Economic Problems; Role of Price Mechanism in a Market Economy; Positive Economics and Normative Economics; Concepts of Equation, Functions, Graphs, Diagrams, Line, Slope and Intercept. Concepts of Equilibrium and Types.	15
	II	Ten Principles of Economics Trade-Off Faced by the Individuals; Significance of Opportunity Cost in Decision Making; Thinking at the Margin; Responses to Incentives: Benefits from Exchange; Organization of Economic Activities through Markets and its Benefits; Role of Government in improving Market Outcomes; Dependence of Standard of Living on Production; Growth in Quantity of Money; Inflation and Unemployment Trade Off.	15
	III	Markets, Demand and Supply Demand Function; Law of Demand; Demand Curves; Market Demand versus Individual demand; Supply Curves; Market supply and Individual Supply, Market Equilibrium; Determinants of Demand and Supply; Concept and Importance of Elasticity of Demand; Price Elasticity of Demand, Income Elasticity of Demand and Cross Elasticity of Demand.	15
	IV	Consumer's Behavior Introduction to Cardinal and Ordinal Approaches; Utility	15

		Analysis: Law of Diminishing Marginal Utility, Law of Equi-Marginal Utility, Consumer's Surplus; Indifference Curve Analysis; Properties of Indifference Curves, Marginal Rate of Substitution; Budget Line and Consumer's Equilibrium; Income, Price and Substitution Effect; Revealed Preference Theory.	
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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.
6. सुरवसे बालाजी, कांबळे आनंद, सामंत मनीषा, महालिंगे युवराज (२०२१), सूक्ष्म लक्ष्मी अर्थशास्त्र, सेठ प्रकाशन, मुंबई
7. मुळे कल्पना (२०११), सूक्ष्मलक्ष्मी अर्थशास्त्र, विद्या वैभव प्रकाशन, पुणे
8. वेल्हणकर नंदिनी, खंडारे विजय, (२०१७), सूक्ष्मलक्ष्मी अर्थशास्त्र” निराली प्रकाशन, पुणे
9. 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 2023-24

Course Title: Agricultural Economics
(Open Elective Course)

1. Syllabus as per NEP 2020:		
i)	Name of the Programme	: Certificate Course in Arts
ii)	Course Code	: ECO101[2]
iii)	Course Titles	: Agricultural Economics Semester 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	: <ul style="list-style-type: none">• Written Exam: 3 Questions of 10 Marks each= 30 Marks• Internal Assessment: 20 marksTotal : 30 + 20 =50

Revised Syllabus for FYBA

Course Title: Agricultural Economics

(Open Elective Course)

To be implemented from 2023-24

Course Code and Title: ECOE101 (OE)

Preamble –

This paper provides an overview of the role of agriculture in the economic development of the country and salient features associated to agricultural productivity. The pertinent aspects related to agricultural credit, agricultural marketing as well as the global problems existing in the marketing are dealt in. The essentials of cooperative finance are dealt in with reference to the latest trends.

Course Objectives

- To provides an overview of the role of agriculture in the economic development of the country and the silent features associated to agricultural productivity.
- To provide various aspects related to the principles of cooperation and Cooperative Organization in the globalized economy.
- To understand the various sources of Agricultural Finance.

Course Outcomes:-

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

- To obtain information regarding various agricultural issues in India and remedies for it.
- Interpret the importance of the agriculture sector to the Indian economy and the problems plaguing them.
- Making awareness about self – employment through various local business like Agro-tourism, Travel agents, Horticulture, Floriculture, Fishery and Animal husbandry.

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

Revised Syllabus for FYBA
To be implemented from 2023-24
Course Title: Agricultural Economics
(Open Elective Course)

Course Code and Title: ECOE101 (OE)

No. of Credits - 02

Course Code: ECOE101 (OE)

Course Code	Units	Topics	Lectures
ECOE101 [2]	I	<p>Introduction of Agriculture :- Meaning and Scope of Agriculture Economics; Role of Agriculture in Economic development; Features of Indian Agriculture; Constraints in Agriculture Development, Types of Farming, Co-operative farming, Importance of Livestock in India, Agricultural Productivity: Causes of Low productivity in Agriculture, Measures taken to improve the Agriculture Productivity.</p>	15
	II	<p>Agricultural Marketing and Finance in India:- Types of Marketing; WTO and Indian Agriculture; Problems of Agricultural Marketing and Its Measures; Agricultural Marketing System in India; National Agricultural Market; Co-operative Finance: Need, Structure, Progress and Problems; Farmers Service Societies and Urban Co-operative Banks; Institutional and Non-institutional Sources; National Co-operative Development Corporation (NCDC); Role of NABARD.</p>	15

Reference:-

1. Sankaran S., (2014), Agricultural Economics – Margham & Company LTD, New Delhi.
2. Tyagi B.P., (2016), Agricultural Economics and Rural Development, Jaiprakash Nath & co, Meerut.
3. Puri V.K., Misra S. K., (2019), Indian Economy, Himalaya Publishing House, New Delhi.
4. Bilgrami S. S. R., (2000), An Introduction of agricultural Economics, Himalaya Publication House, Mumbai.
5. Gupta P. K., (2012), Agricultural Economics, Vrinda Publishing (P) Ltd, Delhi.
6. Mamoria C. B. and B. B. Tripathi, (1991), Agricultural Problem in India, Kitab Mahal, Allahabad.
7. Sadhu and Signh, (2008), Fundamental of Agricultural Economics, Himalaya Publishing House, Mumbai.
8. Raj K. N. (1988), Essays in commercialization of Indian Agricultural Oxford University Press, New Delhi.
10. Mathur B. S. (2000), Cooperation in India, Sahitya Bhavan, Agra,
11. Government of Maharashtra Cooperative movement at a Glance (Latest annual Report).
12. Desai R. G., (2017), Agricultural Economics, Himalaya Publishing House, New Delhi.
13. Malapi P., (2018), Agricultural Economics, Dominant Publication New Delhi.



Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2023-24

Course Title: STATISTICAL TECHNIQUES FO ECONOMIST - 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 FOR ECONOMIST – 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	: <ul style="list-style-type: none">• Written Exam: 3 Questions of 10 Marks each= 30 Marks• Internal Assessment: 20 marksTotal : 30 + 20 =50

**Revised Syllabus for FYBA
To be implemented from 2023-24**

**Course Title: STATISTICAL TECHNIQUES FOR ECONOMIST - 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 learners 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

Revised Syllabus for FYBA

To be implemented from 2023-24

Course Title: STATISTICAL TECHNIQUES FOR ECONOMIST - I

(Skill Enhancement Course)

SEMESTER – I

Course Code and Title: Statistical Techniques for Economist – 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

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.

**Revised Syllabus for FYBA
To be implemented from 2023-24**

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	: <ul style="list-style-type: none">• Written Exam: 3 Questions of 10 Marks each= 30 Marks• Internal Assessment: 20 marksTotal : 30 + 20 =50

**Revised Syllabus for FYBA
To be implemented from 2023-24**

**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

Revised Syllabus for FYBA

To be implemented from 2023-24

Course Title: INDIAN FINANCIAL SYSTEM (VSC)

(Vocational Skill Course)

SEMESTER – I

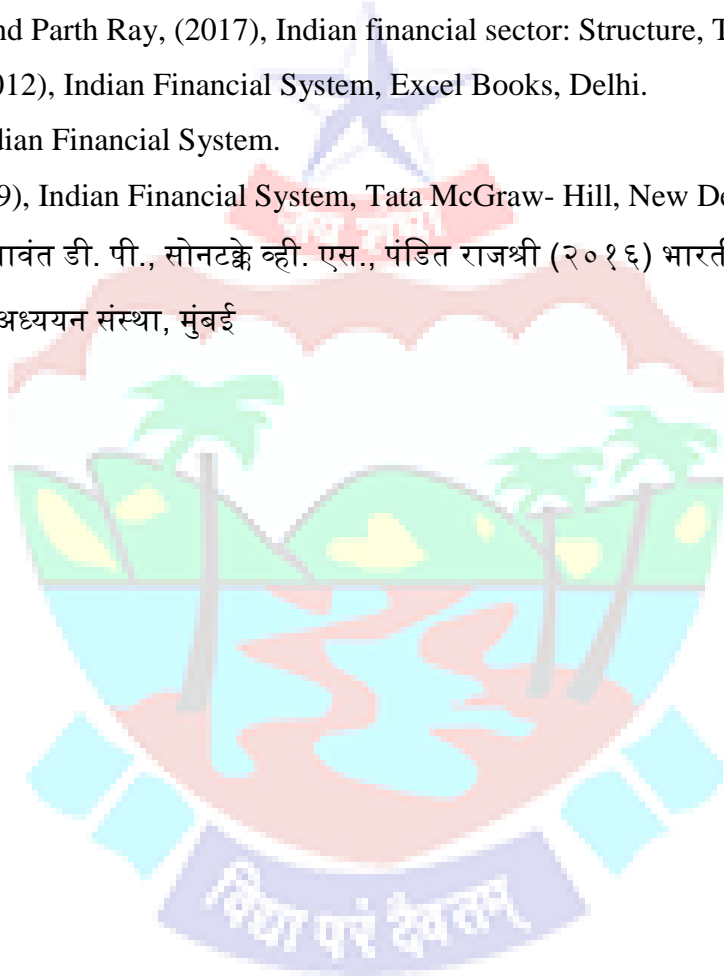
No. of Credits - 02

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., सोनटके व्ही. एस., पंडित राजश्री (२०१६) भारतीय वित्त व्यवस्था, मुंबई विद्यापीठ, दूर व मुक्त अध्ययन संस्था, मुंबई



**Revised Syllabus for FYBA
To be implemented from 2023-24**

**Course Title: Contribution of Indian Economist in Economics
(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	: Contribution of Indian Economist in Economics (IKS) Semester 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	: <ul style="list-style-type: none">• Written Exam: 3 Questions of 10 Marks each= 30 Marks• Internal Assessment: 20 marksTotal : 30 + 20 =50

**Revised Syllabus for FYBA
To be implemented from 2023-24**

Course Title: Contribution of Indian Economist in Economics

(Indian Knowledge System)

Course Code and Title: ECIK101 (IKS)

SEMESTER - I

Preamble:-

This course provides basic understanding about the celebrated economists and their contributions starting from the classical period. It throws light on the contribution of Nobel Laureates of recent period too. It will give the students and introduction to major Indian thinker on Indian economic policy.

Course Objectives

- To provide the Information about the biography and contribution of the most influential economists who influenced the economic fraternity and to whom we are obliged to for shaping up the economic thought process.
- To aware of the varying phases of economic thoughts and development of that into economic science.
- To study the origin and development of economics as a subject.
- To be informative about the contribution of eminent economists.

Course Outcomes:-

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

- To get information about the genesis of economics and its modern scenario.
- Establish the co-relation of economics with other subjects.
- To gets familiarized with leading Indian economist who significantly contributed to the stream of Indian economic thought.
- Understand the economic concepts and theories of classical, neo-classical and Indian thinkers.

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

**Revised Syllabus for FYBA
To be implemented from 2023-24**

Course Title: Contribution of Indian Economist in Economics

(Indian Knowledge System)

Course Code and Title: ECIKS101 (IKS)

SEMESTER - I

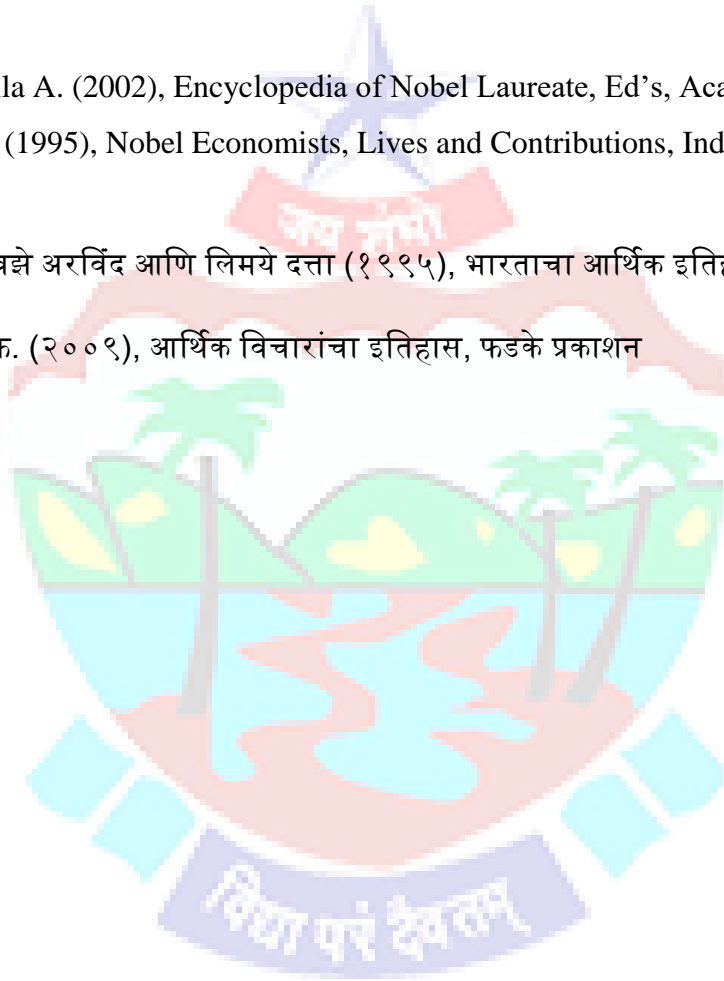
No. of Credits - 02

Course Code: ECIKS101

Course Code	Units	Topics	Lectures
ECIKS101	I	CLASSICAL & NEO CLASICAL ECONOMISTS Adam Smith: Productive and Unproductive Labor, Theory of Distribution; David Ricardo: Theory of Value, Theory of Rent; T. R. Malthus: Theory of Population; Alfred Marshall: Concept of Consumer Surplus, Theory of Value; Karl Marx : Theory of Surplus Value; J.M.Keynes: Theory of Employment, Consumption Function, Investment Function.	15
	II	INDIAN ECONOMIC THOUGHT Kautilya: Wealth, Public Finance, Welfare State; Mahatma Gandhi: Village Swaraj, Sarvodaya, Trusteeship Doctrine; Amartya Sen: Poverty Index, Economics Ideas; Dadabhai Navrojee: Drain Theory; Mahatma Phule: View on Agriculture; Dr. B. R. Ambedkar : State Socialism.	15

REFERENCE

1. Bhatia - H.L - (1975), History of Economic Thought, Vikas Publication.
2. Sen Amartya (1975), Employment, Technology and Development, Oxford University Press, New Delhi.
3. Gandhi M. K. (1959), India of My dreams, Navjivan Publishing House Ahmadabad.
4. R. P. Mansi, (1960), Dadabahi Nauroji, Publication Division. Government of India, Delhi.
5. Roll E. (1973), A History of Economic Thoughts, Faber London.
6. Gosh and Ghosh, Concise History of Economic Thought, Himalaya Publishers.
7. Dasgupta A. K. (1993), A history of Indian Economic thought, Routledge London and New York.
8. Kapila R. & Kapila A. (2002), Encyclopedia of Nobel Laureate, Ed's, Academic Foundation.
9. Puttawamaiah K. (1995), Nobel Economists, Lives and Contributions, Indus Public Co. New Delhi.
10. मणेरीकर अरुण, वझे अरविंद आणि लिमये दत्ता (१९९५), भारताचा आर्थिक इतिहास
11. डॉ. पाटील जे. एफ. (२००९), आर्थिक विचारांचा इतिहास, फडके प्रकाशन



University of Mumbai
SHRI PANCHAM KHEMRAJ MAHAVIDYALAYA
SAWANTWADI (Autonomous)
Revised Syllabus Academic Year 2023-24
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
	<i>OR</i>	
Q.1	Unit-I (Question may be divided in to A and B)	15 Marks
Q. 2	Unit-II	15 Marks
	<i>OR</i>	
Q. 2	Unit-II (Question may be divided in to A and B)	15 Marks
Q. 3	Unit-III	15 Marks
	<i>OR</i>	
Q. 3	Unit-III (Question may be divided in to A and B)	15 Marks
Q. 4	Unit-IV	15 Marks
	<i>OR</i>	
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 2023-24
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
<i>OR</i>		
	Unit-I	10 Marks
Q. 2	Unit-II	10 Marks
<i>OR</i>		
	Unit-II	10 Marks
Q. 3	Unit-I & II	10 Marks
Short Notes (Any Two)		

**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 2023-24)**

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	MJA102ECT	Micro Economics - II	Major	60	15	04+00	60	40	100	4
2	MNA102ECT	Micro Economics - II	Minor	-	-	-	-	-	-	-
3	ECO102	Indian Economy	OE	30	10	02+00	40	10	50	2
4	ECO103	Financial Literacy	OE	30	10	02+00	40	10	50	2
5	ECSE102	Statistical Techniques for Economist - II	SEC	30	10	02+00	40	10	50	2
6	ECVS102	Indian Financial System - II	VSC	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

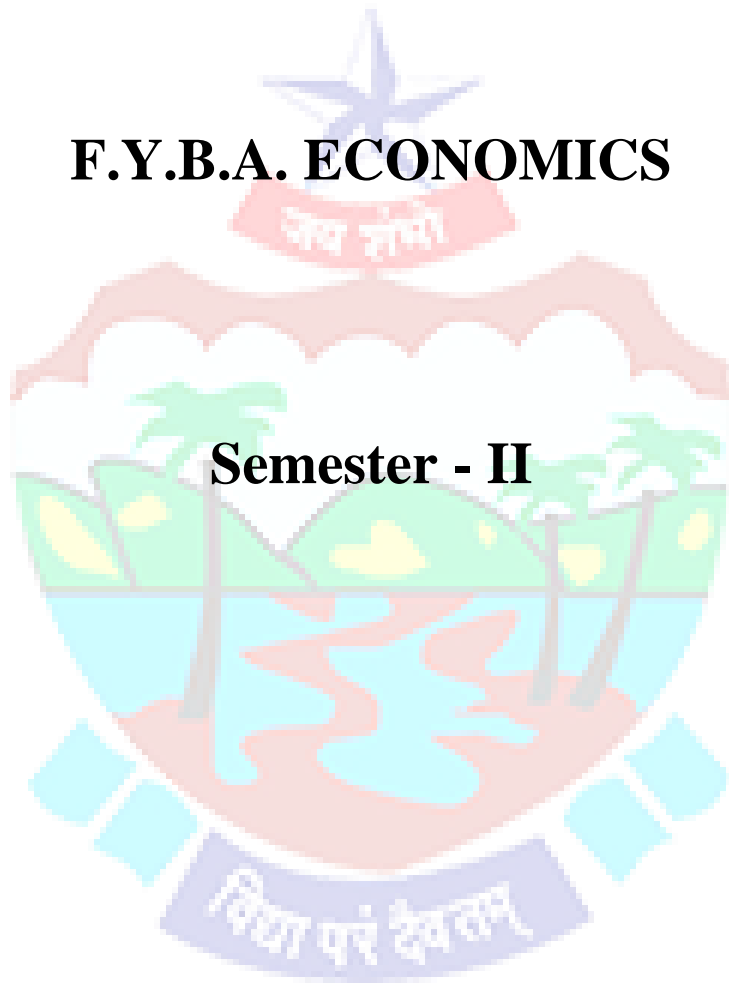
VSC : Vocational Skill Course

SEE : Semester End examination

CIE :- Continuous Internal Evaluation

L+P : Lecture + Practical(s)

F.Y.B.A. ECONOMICS



Semester - II

**Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2023-24**

(Major Course) MJA101ECT: Economics

Micro Economics II

1. Syllabus as per NEP 2020:		
i)	Name of the Programme	: Certificate Course in Arts
ii)	Course Code	: (Major Course) MJA102ECT
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	: <ul style="list-style-type: none">• Written Exam: 4 Questions of 15 Marks each : 60 Marks• Internal Assessment: 40 marksTotal : 60 + 40 =100

**Syllabus as per NEP 2020 for Certificate Course in Arts
(Major Course) MJA102ECT (04):**

To be implemented from the Academic year 2023-24

**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

Syllabus as per NEP 2020 for Certificate Course in Arts

(Major Course) MJA102ECT (04): Economics

To be implemented from the Academic year 2023-24

Course Title: Micro Economics - II

SEMESTER II

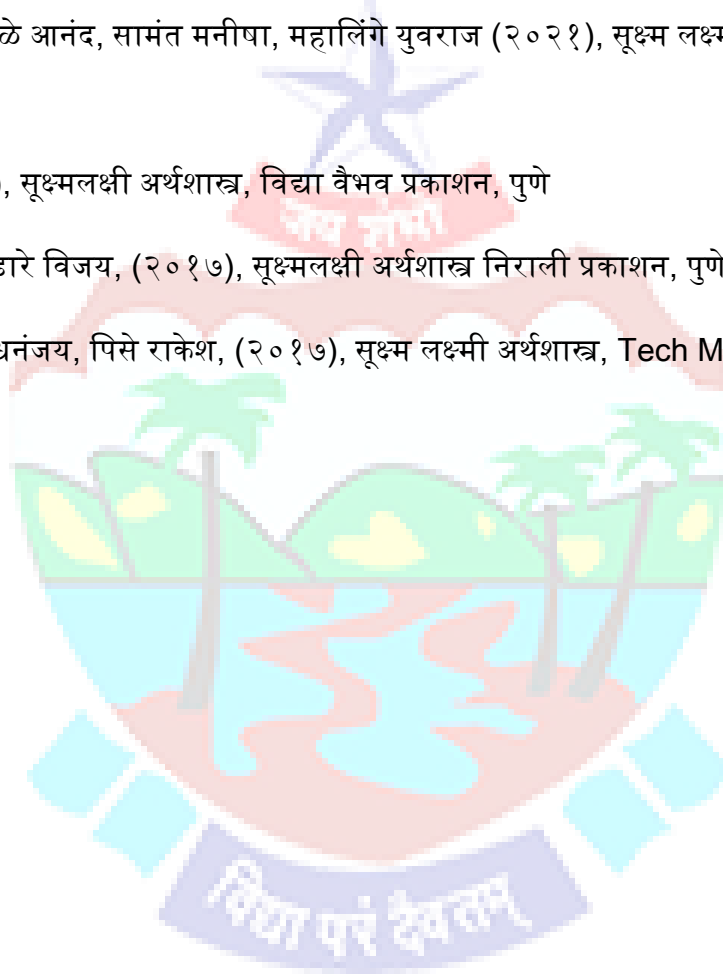
No. of Credits - 04

Course Title: MJA102ECT (04)

Course Code	Units	Topics	Lectures
MJA102ECT [4]	I	Production Analysis Production: Production function; Concept and Types; Concepts of Total, Average and Marginal Product. 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: Money and Real cost, 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: Classical Theory of Interest, Loanable Funds Theory of Interest; Profit: Risk and Uncertainty Theory; Innovation Theory.	15
	IV	Equilibrium in Different Market Structure Meaning and Features of Perfect Competition, 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, Pargrave 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), सूक्ष्मलक्ष्मी अर्थशास्त्र, विद्या वैभव प्रकाशन, पुणे
7. वेल्हणकर नंदिनी, खंडारे विजय, (२०१७), सूक्ष्मलक्ष्मी 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 2023-24**

(Minor Course) MNA102ECT: Economics

Micro Economics II

1. Syllabus as per NEP 2020:		
i)	Name of the Programme	: Certificate Course in Arts
ii)	Course Code	: (Minor Course) MNA102ECT
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	: <ul style="list-style-type: none">• Written Exam: 4 Questions of 15 Marks each : 60 Marks• Internal Assessment: 40 marksTotal : 60 + 40 =100

**Syllabus as per NEP 2020 for Certificate Course in Arts
(Minor Course) MNA102ECT (04):**

To be implemented from the Academic year 2023-24

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

**Syllabus as per NEP 2020 for Certificate Course in Arts
(Minor Course) MNA102ECT (04): Economics**

To be implemented from the Academic year 2023-24

Course Title: Micro Economics - II

SEMESTER II

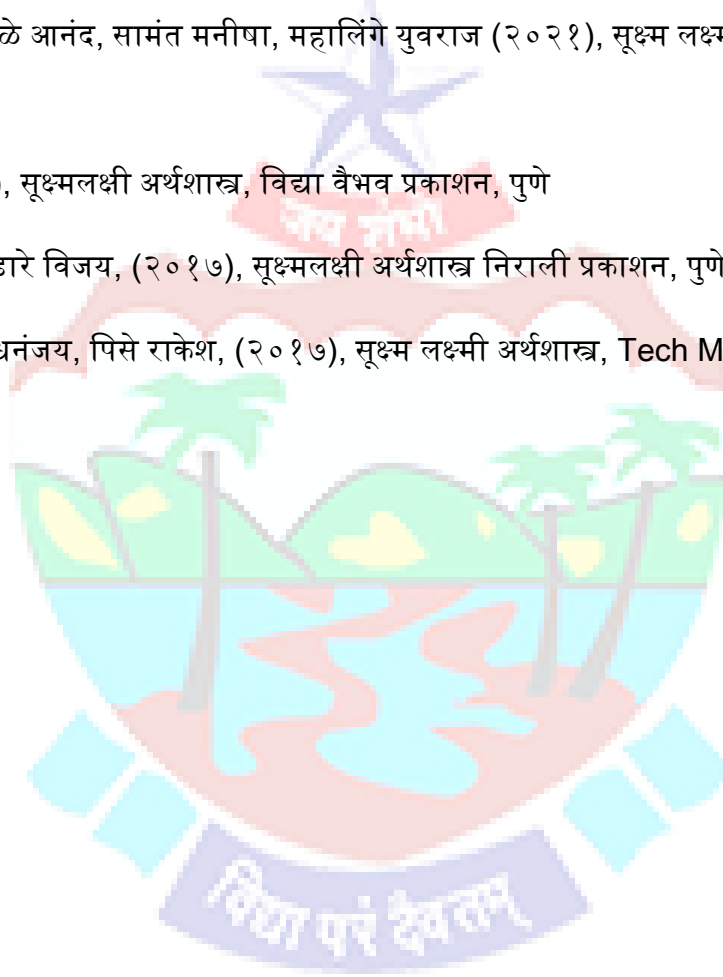
No. of Credits - 04

Course Title: MNA102ECT (04)

Course Code	Units	Topics	Lectures
MNA102ECT [4]	I	Production Analysis Production: Production function; Concept and Types; Concepts of Total, Average and Marginal Product. 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: Money and Real cost, 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: Classical Theory of Interest, Loanable Funds Theory of Interest; Profit: Risk and Uncertainty Theory; Innovation Theory.	15
	IV	Equilibrium in Different Market Structure Meaning and Features of Perfect Competition, 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

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Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2023-24

Course Title: INDIAN ECONOMY
(Open Elective Course)

1. Syllabus as per NEP 2020:		
i)	Name of the Programme	: Certificate Course in Arts
ii)	Course Code	: ECO102[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	: <ul style="list-style-type: none">• Written Exam: 3 Questions of 10 Marks each= 30 Marks• Internal Assessment: 20 marksTotal : 30 + 20 =50

Revised Syllabus for FYBA

Course Title: INDIAN ECONOMY

(Open Elective Course)

To be implemented from 2023-24

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

Revised Syllabus for FYBA
To be implemented from 2023-24
Course Title: INDIAN ECONOMY
(Open Elective Course)
SEMESTER – II

Course Code and Title: ECOE102 (OE) II

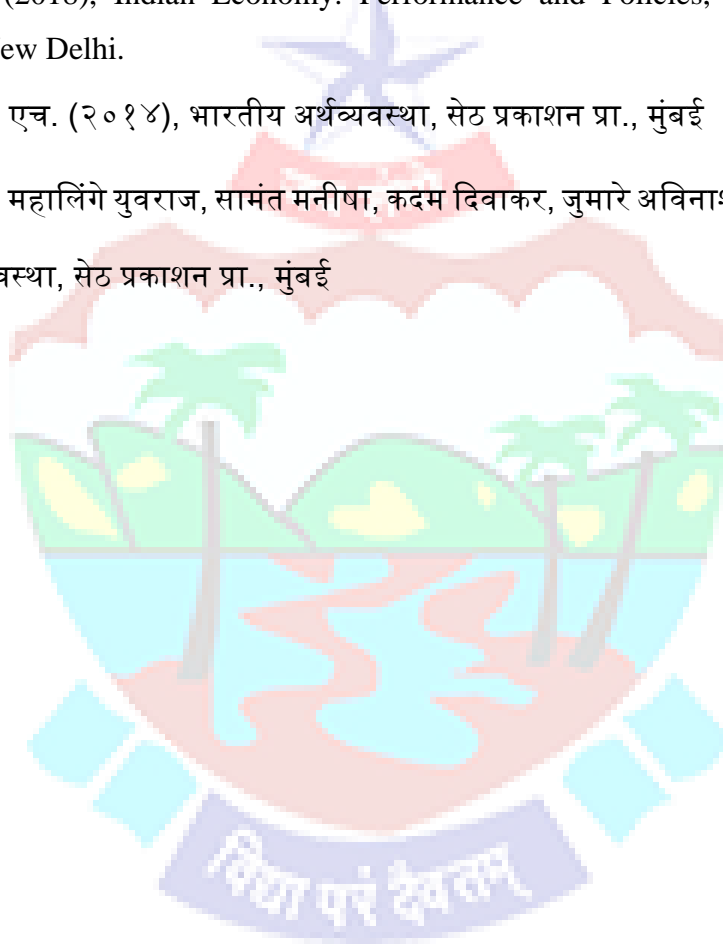
No. of Credits - 02

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

Reference:-

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. अट्टावलकर 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



Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2023-24

Course Title: FINANCIAL LITERACY
(Open Elective Course)

1. Syllabus as per NEP 2020:		
i)	Name of the Programme	: Certificate Course in Arts
ii)	Course Code	: ECO103[2]
iii)	Course Titles	: Financial Literacy 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	: <ul style="list-style-type: none">• Written Exam: 3 Questions of 10 Marks each= 30 Marks• Internal Assessment: 20 marksTotal : 30 + 20 =50

Revised Syllabus for FYBA
To be implemented from 2023-24

Course Title: FINANCIAL LITERACY
(Open Elective Course)

SEMESTER – II

Course Code and Title: ECOE103 (OE) III

Preamble –

Financial literacy involves knowing basic financial management, principles and applying them in our day-to-day lives. It is an important life skill that has a direct impact on our long-term well-being. Having an understanding of the basics of money management, savings, investment, etc. From a young age, can help equip students with the knowledge and skills required to make responsible choices and decisions in the long term.

Course Objectives:

- Familiarity with different aspects of financial literacy such as savings, investment, taxation and insurance.
- To Understand the relevance and process of financial planning.
- Promote financial well – being.

Course Outcomes:

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

- Develop proficiency for personal and family financial planning.
- Apply the concept of investment planning.
- Ability to analysis banking and insurance products.
- Personal tax planning.

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

Revised Syllabus for FYBA
To be implemented from 2023-24

Course Title: FINANCIAL LITERACY
(Open Elective Course)
SEMESTER – II

Course Code and Title: ECOE103 (OE) III

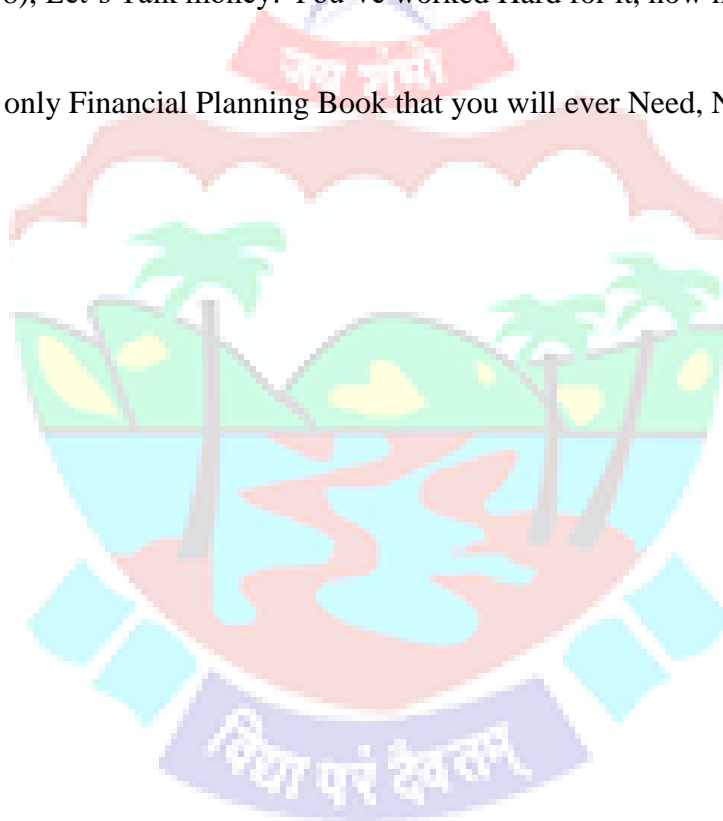
No. of Credits - 02

Course Code: ECOE103 (OE) III

Course Code	Units	Topics	Lectures
ECOE103 [2]	I	Financial Planning and Banking : Concepts of Saving and Investment; Time value of money; Financial management of spending and financial discipline; Banking structure in India; Types of Banks, Services offered by Banks; Types of Deposits; Types of loans Financial Transactions - Debit cards (ATM) and Credit Cards; Net Banking and UPI; Digital Wallets; Security and Precautions against Online frauds.	15
	II	Investment Planning and Tax Savings Schemes : Investment Opportunities and Financial Products; Insurance Planning; Life and non-life including Medical Insurance Schemes; Introduction to Basic Tax structure in India; Types of Taxes; How Taxes Impact Income; Aspects of Personal Tax Planning; Government Schemes: National Saving Certificates, Public Provident Fund, Post Office Schemes, Equity Linked Savings, Retirement Benefits Schemes, New Pension System (NPS).	15

References:

1. Jain T. R. and Ohri V. K., (2020), Money and Banking, VK Global Publications Pvt. Ltd,
2. Braunstein S. and Welch C., (2002), financial literacy: An overview of practice, research, and p Fed. Res. Bull,
3. Jain T. R. and Sharma R. L. (2014), Indian Financial System, by, VK Global Publications Pvt. Ltd.
4. Cole S. and Shastry G. K., (2009), Smart Money: The effect of Education, cognitive ability and Financial literacy on Financial market participation, Harvard Business school,
5. Gitman, Joehnk and Billingsley, (2016), Personal financial planning, Cen gage Learning
6. Jeff M., (2016): Personal Finance, Prentice Hall,
7. Introduction to Financial Planning (2017), Indian Institute Banking Finance, 4th Edition.
8. Madhu Sinha (2017), Financial Planning, A ready Reckoner, Mc Graw Hill.
9. Monika Halan (2018), Let's Talk money: You've worked Hard for it, now make it work for you, Harper Business.
10. Pandit Amar, The only Financial Planning Book that you will ever Need, Network 18 Publications Ltd.



Certificate Course in Arts Syllabus as per NEP 2020
To be implemented from the Academic year 2023-24

Course Title: STATISTICAL TECHNIQUES FOR ECONOMIST - 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 FOR ECONOMIST – 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	: <ul style="list-style-type: none">• Written Exam: 3 Questions of 10 Marks each= 30 Marks• Internal Assessment: 20 marksTotal : 30 + 20 =50

**Revised Syllabus for FYBA
To be implemented from 2023-24**

**Course Title: STATISTICAL TECHNIQUES FOR ECONOMIST - 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

Revised Syllabus for FYBA
To be implemented from 2023-24

Course Title: STATISTICAL TECHNIQUES FOR ECONOMIST - II
(Skill Enhancement Course)

SEMESTER – II

No. of Credits - 02

Course Code: ECSE102 (SEC)

Course Code	Units	Topics	Lectures
ECO103 [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

**Revised Syllabus for FYBA
To be implemented from 2023-24**

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	: <ul style="list-style-type: none">• Written Exam: 3 Questions of 10 Marks each= 30 Marks• Internal Assessment: 20 marksTotal : 30 + 20 =50

**Revised Syllabus for FYBA
To be implemented from 2023-24**

**Course Title: INDIAN FINANCIAL SYSTEM
(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

Revised Syllabus for FYBA

To be implemented from 2023-24

Course Title: INDIAN FINANCIAL SYSTEM - II

(Vocational Skill Course)

SEMESTER – II

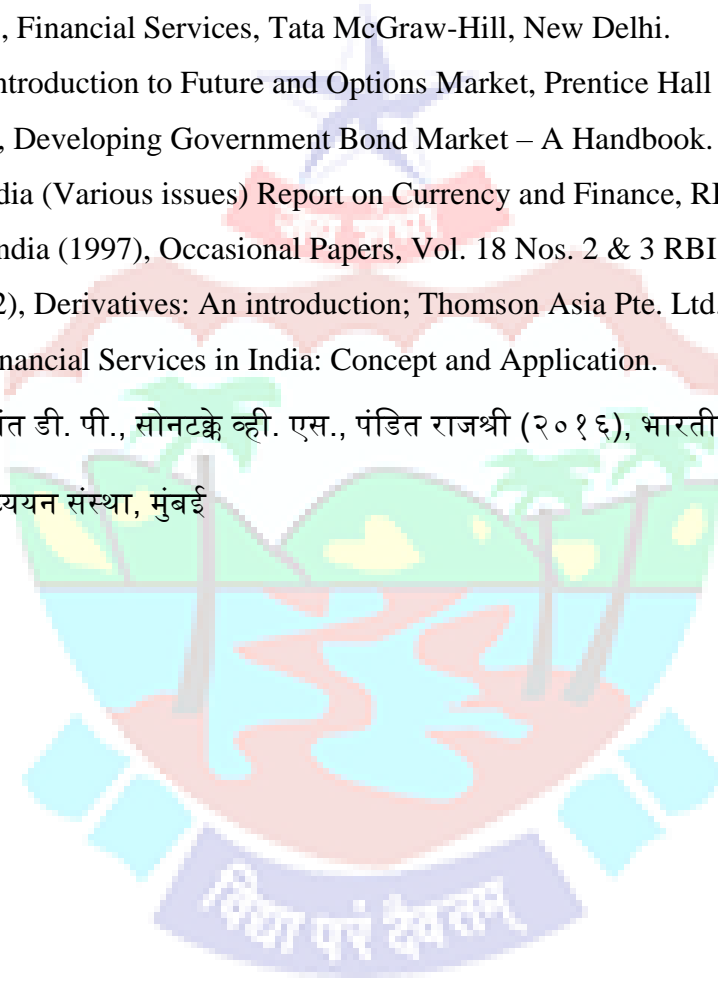
No. of Credits - 02

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

REFERENCE:

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



University of Mumbai
SHRI PANCHAM KHEMRAJ MAHAVIDYALAYA
SAWANTWADI (Autonomous)
Revised Syllabus Academic Year 2023-24
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. 4. Use of Map Stencils and simple Calculator is allowed. 5. Attach appendix along with answer paper.		
Q. 1	Unit-I <i>OR</i>	15 Marks
Q.1	Unit-I (Question may be divided in to A and B)	15 Marks
Q. 2	Unit-II <i>OR</i>	15 Marks
Q. 2	Unit-II (Question may be divided in to A and B)	15 Marks
Q. 3	Unit-III <i>OR</i>	15 Marks
Q. 3	Unit-III (Question may be divided in to A and B)	15 Marks
Q. 4	Unit-IV <i>OR</i>	15 Marks
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 2023-24
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. 4. Use of Map Stencils and simple Calculator is allowed. 5. Attach appendix along with answer paper.		
Q. 1	Unit-I	10 Marks
<i>OR</i>		
	Unit-I	10 Marks
Q. 2	Unit-II	10 Marks
<i>OR</i>		
	Unit-II	10 Marks
Q. 3	Unit-I & II	10 Marks
Short Notes (Any Two)		

As per NEP 2020



UNIVERSITY OF MUMBAI

S. Z. S. P. 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
Semester - III & IV**

Reference: GR dated 16th May 2023 for Credit structure

As per NEP 2020



UNIVERSITY OF MUMBAI

S. Z. S. P. 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
Semester - III & IV**

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	FY
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	2023 -2024

Sign of HOD / Co-ordinator

Sign of Dean

Asso. Prof. Neelam Devendra Dhuri

Faculty of Arts

Department of Economics



Title of the Programme

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. Turlapati Venkata Govardhan Sharma	M.A. M.Phil. Ph.d.	Economics	Asst. Prof. Chh. Shahu Institute of Business Education & Research (Shivaji University)	Subject Expert from outside the Parent University Nominated by Academic Council
05	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
06	Dr. Kashinath Ramchandra Chavan	M.A.Ph.d.	Economics	Art, Commerce & Science College, Lanja, Tal – Lanja, Dist Ratnagiri	Subject Expert nominated by Vice Chancellor
07	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
08	Miss. Aishwarya Dipak Pendse	M.A.	Economics	S. P. K. Mahavidyalaya, Sawantwadi	College Alumni nominated by Principal
09	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

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: III

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	MJA201ECT	Macroeconomics - I	Major	60	15	04+00	60	40	100	4
2	MJA202ECT	Public Finance	Major	60	15	04+00	60	40	100	4
3	MNA201ECT	Macroeconomics - I	Minor	60	15	04+00	60	40	100	4
	MNA202ECT	Public Finance								
A Student Opting Economics as a Minor Subject May Select Any One of the Major Course										
4	ECVS203	Tourism Concepts and Impacts	VSC	30	10	02+00	40	10	50	2
5	ECOE204	Demography - I	OE	30	10	02+00	40	10	50	2
		Sub - Total		240	65	18 +00	260	140	400	16

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)

Letter Grades and Grade Points:

Semester GPA / Programme CGPA Semester/ Programme	% of Marks	Alpha-Sign/ Letter Grade Result
9.00 - 10.00	90.0 - 100	O (Outstanding)
8.00 - < 9.00	80.0 - < 90.0	A+ (Excellent)
7.00 - < 8.00	70.0 - < 80.0	A (Very Good)
6.00 - < 7.00	60.0 - < 70.0	B+ (Good)
5.50 - < 6.00	55.0 - < 60.0	B (Above Average)
5.00 - < 5.50	50.0 - < 55.0	C (Average)
4.00 - < 5.00	40.0 - < 50.0	P (Pass)
Below 4.00	Below 40.0	F (Fail)
Ab (Absent)	-	Absent

Sign of HOD / Co-ordinator

Sign of Dean

Asso. Prof. Neelam Devendra Dhuri

Faculty of Arts

Department of Economics

Appendix B

Justification for (Title of the new course)

1.	Necessity for starting the course:	As per the provisions of NEP 2020 accepted by Maharashtra Government, It is necessary to start this course.
2.	Whether the UGC has recommended the course:	Yes
3.	Whether all the courses have commenced from the academic year 2023-24	Yes
4.	The courses started by the University are self-financed, whether adequate number of eligible permanent faculties are Available?	It is aided and grantable. Yes, adequate number of teachers are available for this course.
5.	To give details regarding the duration of the Course and is it possible to compress the course?	
6.	The intake capacity of each course and no. of admissions given in the current academic year:	Admission is under process
7.	Opportunities of Employability / Employment available after undertaking these courses:	Lots of opportunities are available in both Government and Private sectors. The course is also useful for self-employments

Sign of HOD / Co-ordinator

Sign of Dean

**Asso. Prof. Neelam Devendra Dhuri
Department of Economics**

Faculty of Arts



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

(Major and Minor Course) Macro Economics - I: MJA201ECT (04)

1. Syllabus as per NEP 2020:	
i) Name of the Programme	: Certificate Course in Arts
ii) Course Code	: MJA201ECT (04) (Major Course)
iii) Course Titles	: Macro 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	: <ul style="list-style-type: none"> • Written Exam: 4 Questions of 15 Marks each : 60 Marks • Internal Assessment: 40 marks Total : 60 + 40 =100

**Syllabus as per NEP 2020 for Certificate Course in Arts
(Major and Minor Course): MJA201ECT (04)**

To be implemented from the Academic year 2024-25

Course Title: Macro Economics - I

SEMESTER III

Preamble:-

This course is designed to introduce the student to the basic building blocks of macroeconomics. Using an open economy framework, the course develops an understanding of the constituents of the open economy. The student should be able to build on these constituents in the later years. So as to be able to analysis macroeconomic policies.

Learning Objectives:-

- To study the introduction to macroeconomics and national income.
- To study the nature and scope of consumption and investment.
- To study the importance of demand for money and supply of money.

Learning Outcomes:-

- Students will understand the concepts of macroeconomics and national income.
- Students will understand scenario consumption and investment.
- Students will learn demand for money and supply money.

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

Syllabus as per NEP 2020 for Certificate Course in Arts

(Major and Minor Course) MJA101ECT (04):

To be implemented from the Academic year 2024-25

Course Title: Macro Economics - I

SEMESTER III

No. of Credits - 04

Course Title: MJA101ECT (04)

Course Code	Units	Topics	Lectures
MJA101ECT (04)	I	Introduction to Macroeconomics and National Income: Introduction : Meaning and Scope of Macro Economics; Concepts of National Income: GNP, NNP, NDP, Per capita Income, Personal Income and Disposal Income; Methods and Difficulties in Measurement of National Income; Circular flow of National Income: Closed Economy (Two and Three Sector) and Open Economy Models (Four Sector Model)	15
	II	Consumption and Investment: Consumption Analysis: Says Law of Market; Theory of Effective Demand; Determinants of Effective Demand, Consumption Function; Determinants of Consumption Function. Investment Analysis: Meaning and Types, Marginal Efficiency of Capital and Rate of Interest – Investment Multiplier.	15
	III	Supply of Money and Demand for Money: Supply of Money: Determinants of Money supply, Velocity of Circulation of Money; RBI's Approach to Measurement of Money Supply; Demand for Money: Classical, Keynesian and Friedman's Approaches.	15
	IV	Banking: Commercial Bank: Functions of commercial banks, Multiple credit creation, Central Bank: Functions of central bank-	15

		Traditional, Developmental, Promotional, Banking Technology: Core Banking, Electronic Banking, Online Banking - Teller Machines of the bank counters, Cash dispensers – ATMs Anywhere - Anytime Banking, Home Banking (Corporate and Personal), Electronic Payments System	
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References:

1. Mankiw N. G., (2015) “Principles of Micro economics”, 7 th edition, cengage learning.
2. Sikdar S. (2006), Principles of Macroeconomics, Oxford University Press, New Delhi.
3. Abel A. B. B. S. Bernanke and Dr. Croushore (2011), Macroeconomics, Pearson, New Delhi.
4. Mascarenhas, Johnson (2018), Macroeconomics, Manan Prakashan, Mumbai.
5. Stonier A. W. & Hague D. C. (2004), A textbook of Economic Theory, Person Education, Delhi.
6. Dwivedi D. N. (2001), Macroeconomics: Theory and policy, Tata Mcgrahill Publication Company Ltd, New Delhi.
7. McConnel, C. R. & H. C. gupts (1984), Intoduction to Macro Economics, Tata Mcgrahill Publication Company Ltd, New Delhi.
8. वेल्हणकर नंदिनी, गुरव ज्योत्स्ना एस. उघाडे सीमा (२०१७), समग्र लक्ष्मी अर्थशास्त्र, निराली प्रकाशन, पुणे.
9. डॉ. सुरवसे बालाजी, प्रा. महालिंगे युवराज, डॉ. जुमारे अविनाश, डॉ. सामंत मनीषा, डॉ. कांबळे आनंद, समग्र लक्ष्मी अर्थशास्त्र, सेठ पब्लिकेशन प्रायव्हेट लिमिटेड, मुंबई

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

SEMESTER - III

(Major and Minor Course)

Public Finance: MJA202ECT (04)

1. Syllabus as per NEP 2020:		
i)	Name of the Programme	Certificate Course in Arts
ii)	Course Code	MJA202ECT (04) (Major Course)
iii)	Course Titles	Public Finance
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	<ul style="list-style-type: none">• Written Exam: 4 Questions of 15 Marks each : 60 Marks• Internal Assessment: 40 marksTotal : 60 + 40 =100

**Syllabus as per NEP 2020 for Certificate Course in Arts
(Major and Minor Course): MJA202ECT (04)**

To be implemented from the Academic year 2024-25

Course Title: MJA202ECT (04) Public Finance

SEMESTER III

Preamble:-

Public Finance is the study of government policy from the point of economic efficiency and equality. The rule and functions of the government have been changing through time. The existence of externalities, acceleration of economic growth, raising the level of employment, the need and concern for adjustment in the distribution of income and wealth etc. require the use of package of policies which require tax system, expenditure programmes, rising of dept, issues of deficit etc. This paper deals with basic concepts which explain the need for government intervention. It exposes the students to public budget through issues of taxation, expenditure, dept and concept of deficit. The last Unit is related to topics concerning Indian Public Finance.

Learning Objectives:-

- To study the introduction of public finance.
- To study the nature and scope fiscal policy: Budget and Taxation.
- To study the importance public expenditure and dept.
- To study the Indian public finance.

Learning Outcomes:-

- Students will understand the concepts of public finance.
- Students will understand scenario of fiscal policy: Budget and Taxation.
- Students will learn public expenditure and dept.
- Students will get basic idea of Indian public finance.

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

Syllabus as per NEP 2020 for Certificate Course in Arts
(Major and Minor Course)
MJA202ECT (04)

To be implemented from the Academic year 2024-25

Course Title: Public Finance

SEMESTER III

No. of Credits - 04

Course Title: MJA201ECT (04)

Course Code	Units	Topics	Lectures
MJA201ECT (04)	I	Introduction: Meaning and scope of public Finance, Public Finance versus Private Finance, Market failure: Public Goods and Private Goods, Externalities, Efficiency versus Equity; Principles of Sound Finance and Functional Finance; Allocation, Distribution, Stabilization and Growth Functions of the Government.	15
	II	Fiscal Policy: Budget and Taxation Dalton's and Musgrave versions of the Law of Maximum Social Advantage; Role of Government in a Modern Economy; Types of Public Budget; Structure of public Budget; Role of Taxation; Merits and Demerits of Direct and Indirect Tax Policy; Features of Good Tax system; Concept of Impact. Incidence and Shifting of Taxation; Elasticity and Determination of Tax Burden.	15
	III	Fiscal Policy: Public Expenditure and Dept Meaning, Canons and Classification of Public Expenditure; Wagner's Law of Public Expenditure; Public Expenditure as an Instrument of Fiscal Policy, Public Dept: Meaning and Types of Public Dept; Burden of Public Dept; Principles of Public Dept Management.	15

	IV	Indian Public Finance: Budget : Meaning, Objectives and Types, Budget of the Government of India (Previous Financial Year) Sources of Public Receipts (Tax and Non-tax, Introduction To GST) Sources of Public Borrowing and dept Liabilities: Concepts of Deficits: Appraisal of FRBM Act 2004; Fiscal Federalism and fiscal decentralization, Centre – State financial relations. Fourteenth Finance Commission Recommendations.	15
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References:

1. Hindriks G. Myles (2006) Intermediate Public Economics, MIT Press.
2. Rosen Harvey (2005) Public Finance, 7th Edition, Mcgraw Hill Publications.
3. Kaushik Basu and Macrtens (ed) (2013) The new oxford Companion to Economics in India, Oxford University Press.
4. Sury M. M. (1990) Government Budgeting in India, Commonwealth Publishers.
5. Bhatia H. L. (2012) public Finance, Vikas Publications.
6. Musgrave R. and P. Musgrave (1983), Public Finance: Theory and Practice, Singapore.
7. Bagechi, A (ed) (2005), Reading in Public Finance, Oxford University Press, New Delhi.
8. प्रा. मणेरीकर अरुण, प्रा. वझे अरविंद, प्रा. मणेरीकर संध्या (१९९७), सार्वजनिक आयव्यव व आंतरराष्ट्रीय व्यापार, प्राची प्रकाशन, मुंबई.
9. Dr. Deshmukh M. S. & Prof. Vibhute S. S. (2012), Macro Economics, Sheth publishes Pvt. Ltd, Mumbai.

Revised Syllabus for SYBA
To be implemented from 2024-25

Course Title: TOURISM CONCEPTS AND IMPACTS
(Vocational Skill Course)

SEMESTER – III

Course Code and Title: ECVS203 (02)

Preamble –

Tourism concepts and Impacts syllabus was not revised since its introduction. Tourism concepts and Impacts has been evolving and gaining importance throughout the world and it is been adapting to tremendous changes over the years. Tourism concepts and Impacts graduates are also expected be in tune with the changes happening to the industry in order to fit into the industry requirements.

Learning Objectives

The learning objectives of this course are as follows:

- To understand the basic concepts of tourism management.
- To understand the need to study Tourism management in view of the changing scenario.
- To familiarize learners with different perspectives of Tourism.

Learning Outcomes:-

- Develop proficiency for personal and family financial planning.
- To introduce the fundamental concept of Tourism.
- To familiarize with the significance and emerging trends in tourism

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

Revised Syllabus for SYBA
To be implemented from 2024-25

Course Title: TOURISM CONCEPTS AND IMPACTS
(Vocational Skill Course)
SEMESTER – III

Course Code and Title: ECVS203 (02)

No. of Credits - 02

Course Code: ECVS203 (02)

Course Code	Units	Topics	Lectures
ECVS203 (02)	I	Fundamentals and Practices: Definition, Scope, Components and Types of Tourism, History of Travel: Travel Motivation, Evaluation of Demand, Basic Travel Motivators. Measuring the Tourism Phenomena – Travel Statistics.	15
	II	Impact of Tourism: Economic, Social and Cultural Impact – Tourist Demand Forecasting; Methods of Forecasting: Public and Private sectors in Tourism promotion; Role of government in Tourism: Tourism and international understanding. Types of Tourism Demand National and International Tourist demand.	15

References:

1. Jain T. R. and Ohri V. K., (2020) “Money and Banking”, VK Global Publications Pvt. Ltd,
2. Braunstein S. and Welch C., (2002) “Financial literacy”: An overview of practice, research, and p Fed. Res. Bull,
3. Jain T. R. and Sharma R. L.,(2014) “Indian Financial System”, by, VK Global Publications Pvt. Ltd.
4. Cole S. and Shastry G. K., (2009) “Smart Money: The effect of Education, cognitive ability and Financial literacy on Financial market participation”, Harvard Business school,
5. Gitman, Joehnk and Billingsley, (2016) “Personal financial planning”, Cengage Learning
6. Jeff M., (2016) “Personal Finance”, Prentice Hall,



Certificate Course in Arts Syllabus as per NEP 2020

To be implemented from the Academic year 2024-25

Course Title: **ECO204 (02): Demography - I**

(Open Elective Course)

SEMESTER - III

1. Syllabus as per NEP 2020:	
i) Name of the Programme :	Certificate Course in Arts
ii) Course Code :	ECO204[2]
iii) Course Titles :	
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 :	<ul style="list-style-type: none">• Written Exam: 3 Questions of 10 Marks each= 30 Marks• Internal Assessment: 20 marksTotal : 30 + 20 =50

**Revised Syllabus for SYBA
To be implemented from 2024-25**

**Course Title: ECOE204 (02): Demography - I
(Open Elective Course)
SEMESTER - III**

Course Code and Title: ECOE204 (02) (OE)

Preamble –

The modules incorporated in this paper educate the students about the inter-relationship between economic development and population along with an exposition of the established theories of population. Issues related to demographic techniques and basic sources of demographic data in the Indian economy have also been included. Aspects of the population policy and the study of its social characteristics are other important components of the modules of this paper.

Learning Objectives

- To make the students aware of scope and role of agriculture in economic development.
- To understand the concept of land reforms and its problems and measures
- To provide an overview of the role of agriculture in the economic development of the country and the silent features associated to agricultural productivity and agricultural labor

Learning Outcomes:-

- Student will information regarding various issues in India and remedies for it.
- The student will come to know the basics of agriculture and rural economics.
- The student will get familiar with land distribution and agriculture production.

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

Revised Syllabus for SYBA
To be implemented from 2024-25
Course Title: ECOE204 (02): Demography - I
(Open Elective Course)
SEMESTER - III
Course Code and Title: (OE) - I

No. of Credits - 02

Course Code: ECOE204 (02)

Course Code	Units	Topics	Lectures
ECO204 [2]	I	Introduction: How Demography is different from population science – Applications in other disciplines – Nature, scope and Importance of Demography – Populations Theories: Malthusian, Optimum theory of population, Demographic transition theories – Trends in Population Growth, Developed vs Developing Countries. Features of Indian Population.	15
	II	Sourness of Demographic data in India:- Sources of demographic data developed and developing countries Features of Indian census (2011 census) – National sample Survey – Civil registration system - Relative merits and demerits.	15

Reference:-

1. Sankaran, S.: (2014) “Agricultural Economics” – Margham & Company LTD, New Delhi.
2. Tyagi B.P., (2010) “Agricultural Economics and Rural Development”, Jai Prakash Nath &co, Meerut.
3. Puri V.K., Misra S. K., — (2019) “Indian Economy”, Himalaya Publishing House, New Delhi.

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

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
<i>OR</i>		
Q.1	Unit-I (Question may be divided in to A and B)	15 Marks
Q. 2	Unit-II	15 Marks
<i>OR</i>		
Q. 2	Unit-II (Question may be divided in to A and B)	15 Marks
Q. 3	Unit-III	15 Marks
<i>OR</i>		
Q. 3	Unit-III (Question may be divided in to A and B)	15 Marks
Q. 4	Unit-IV	15 Marks
<i>OR</i>		
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
S.Y.B.A. Economics
Semester- III

Question Paper Pattern of Open Elective 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
<i>OR</i>		
	Unit-I	10 Marks
Q. 2	Unit-II	10 Marks
<i>OR</i>		
	Unit-II	10 Marks
Q. 3	Unit-I & II	10 Marks
Short Notes (Any Two)		



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: IV

r. 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	MJA203ECT	Macroeconomics - II	Major	60	15	04+00	60	40	100	4
2	MJA204ECT	Indian Economy	Major	60	15	04+00	60	40	100	4
3	MNA203ECT	Macroeconomics - II	Minor	60	15	04+00	60	40	100	4
	MNA204ECT	Indian Economy								
A Student Opting Economics as a Minor Subject May Select Any One of the Major Course										
4	ECSE203	Basic concepts of Research Methodology	SEC	30	10	02+00	40	10	50	2
5	ECVS204	Tourism Business	VSC	30	10	02+00	40	10	50	2
6	ECOE205	Demography - II	OE	30	10	02+00	40	10	50	2
	Sub - Total			270	65	18 +00	260	140	450	18

Notes:

One Hour of Lecture is equal to 1 Credit

One Hour of Tutorial is equal to 1 Credit

One Hour of Practical is equal to 1 Credit

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)

**Syllabus as per NEP 2020 for Certificate Course in Arts
(Major and Minor Course): MJA203ECT (04)**

To be implemented from the Academic year 2024-25

Course Title: Macro Economics - II

SEMESTER IV

Preamble:-

This course is designed to make students aware of macroeconomics terminologies and make them familiar with macroeconomics terms and concepts in order to understand economics at aggregate level. It also aims to make students aware about recent development in macroeconomic literature.

Learning Objectives:-

- To Study the Inflation.
- To study the nature and scope economic policy.
- To study the External sector.

Learning Outcomes:-

- Students will understand how inflation process starts and measures taken to reduce.
- Students will understand scenario Economic policy.
- Students will get with key problems to external sector.

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

Syllabus as per NEP 2020 for Certificate Course in Arts

(Major and Minor Course): MJA203ECT (04)

To be implemented from the Academic year 2024-25

Course Title: Macro Economics - II

SEMESTER IV

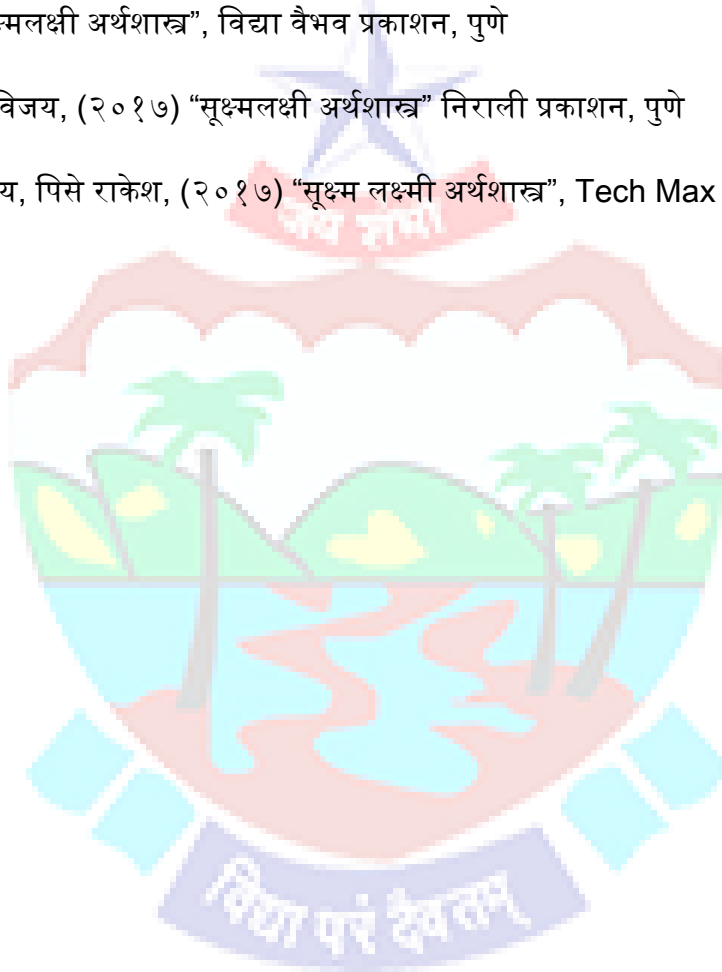
No. of Credits - 04

Course Title: MJA203ECT (04)

Course Code	Units	Topics	Lectures
MJA203ECT (04)	I	Inflation and Trade Cycle : Inflation: Meaning, Causes and Types of Inflation - Demand pull Inflation and Cost Push Inflation, Effects of Inflation; Trade Cycle: Meaning and Features and Types of Trade cycle; Phases of Trade Cycle. Control of Trade Cycle.	15
	II	Economic Policy: Monetary Policy: Objectives, Instruments, Limitations, Role of Monetary Policy in Developing Economies; Objectives, Instruments, Limitations, Role of Fiscal Policy in Developing Economies.	15
	III	Post Keynesian Economics: The IS – LM Model of integration of commodity and Money Market; IS curve: Derivation of IS curve, Shift in IS curve, Equilibrium in Goods Market; LM curve: Derivation of LM curve, Shift in LM curve, Equilibrium in Money Market ; Simultaneous Equilibrium in Goods and Money Market.	15
	IV	External Sector: Balance of Payment: Structure, Disequilibrium in Balance of Payment, Types, Causes and Measures to Correct Balance of Payment Disequilibrium; Foreign Exchange Market: Determinant of Exchange Rate: Fixed and Flexible Exchange Rate; Spot and Forward Exchange Rate; Exchange Rate Policy.	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. सुरवसे बालाजी, कांबळे आनंद, सामंत मनीषा, महालिंगे युवराज (२०२१), “सूक्ष्म लक्ष्मी अर्थशास्त्र”, शेठ 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



**Syllabus as per NEP 2020 for Certificate Course in Arts
(Major and Minor Course): MJA204ECT (04)**

To be implemented from the Academic year 2024-25

**Course Title: INDIAN ECONOMY
SEMESTER IV**

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 developments in the economy.

Learning Objectives:-

- To Study the Introductory part of Indian economy.
- To study the nature and scope Agricultural sector.
- To study the importance Industrial sector.
- To study the service sector.

Learning Outcomes:-

- Students will understand the introductory part of Indian economy.
- Students will understand scenario of Agricultural sector.
- Students will learn Industrial sector.
- Students will get basic idea of service sector.

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

Syllabus as per NEP 2020 for Certificate Course in Arts

(Major and Minor Course): MJA204ECT (04)

To be implemented from the Academic year 2024-25

Course Title: INDIAN ECONOMY

SEMESTER IV

No. of Credits - 04

Course Title: MJA204ECT (04)

Course Code	Units	Topics	Lectures
MJA204ECT (04)	I	Introduction: Trend's in India's National Income and PCI since 1990, Structural changes in Indian economy, Poverty: Meaning and Causes, Measures taken by the government of India to remove poverty; Suggestions to Eradicate poverty in India, International comparison of poverty. Regional Inequalities: Measures to reduce Regional Inequalities in India.	15
	II	Agricultural sector: Role of Agriculture in Economic Development; Causes of Low Productivity; Agricultural Inputs; Agricultural Price policy : Recent Minimum Support Price Policy ; Income Support for Farmers; Sources of Agricultural Finance; Micro Finance; NABARD: Role and Functions; Agricultural Marketing: Structure and Problems; National Policy for Farmers, 2007: Organic Farming: Food Security in India.	15
	III	Industrial sector : Infrastructure for Industrial Development; Industrial Policy in India; Industrial Policy of 1991, Micro, Small and Medium Enterprises (MSME's): Classification, Role and Policy measures; Growth of large scale industries and economic development; Recent Policies and Programs for industrial development: Startup India, Make in India, Skill India; Role and trends of FDI in industrial sector development.	15

	<p>IV Service sector:</p> <p>Role of service sector in Indian Economy; Growth and performance of healthcare; Performance of trade and Tourism, Information Technology and IT – Enabled services; Research and development services with reference to education and skill development in employment generation in India; Performance of service sector during XIIth Five year plan.</p>	<p>15</p>
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References:

1. Mahajan Ashwini, Datt Gaurav (2018) Indian Economy, S. Chand and Company, New Delhi.
2. Brahmananda P. R. and Panchamukhi V. R. (Eds) (2001) Development Experience in the Indian Economy. Inter – state Perspectives Bookwell, New Delhi.
3. Datt, Rudra and K. P. M. Sundaram (2017) Indian Economy s. Chand & Company ltd, New Delhi.
4. Misra S. K. and V, K, Puri (2018) Indian Economy, Himalaya Publishing House, Mumbai
5. Datt Gaurav and Mahajan Ashwini (2016) Indian Economy S Chand Publishing House, New Delhi.
6. Kapila Uma (2018) Indian Economy: Performance and Pilies 2018 -19, Academic foundation, New Delhi.
7. Agrawal A. N., Indian Economy, New Age Publishers, Delhi.
८. प्रा. अट्टवलकर एस. एच. (२००९) भारतीय अर्थव्यवस्था, सेठ प्रकाशन. मुंबई
९. प्रा. रसाळ आर. ए. (२०१२), भारतीय अर्थव्यवस्था, शार्प पब्लिकेशन प्रायव्हेट लिमिटेड, पुणे.
१०. डॉ. सुरवसे, महालिंगे वाय. व्ही., डॉ. सामंत एम. आर., डॉ. कांबळे आनंद, डॉ. कदम दिवाकर, डॉ. जुमारे अविनाश
भारतीय अर्थव्यवस्था – सार्वजनिक आयव्यव (२०२१) सेठ प्रकाशन, पुणे.
११. प्रा. अट्टवलकर एस. एच. (२०१८) व्यावसायिक अर्थशास्त्र, सेठ प्रकाशन, पुणे.

Certificate Course in Arts Syllabus as per NEP 2020

To be implemented from the Academic year 2024-25

Course Title: BASIC CONCEPTS OF RESEARCH METHODOLOGY

(Skill Enhancement Course)

SEMESTER - IV

1. Syllabus as per NEP 2020:	
i) Name of the Programme	: Certificate Course in Arts
ii) Course Code	: ECSE203 [2]
iii) Course Titles	: BASIC CONCEPTS OF RESEARCH METHODOLOGY
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	: <ul style="list-style-type: none">• Written Exam: 3 Questions of 10 Marks each= 30 Marks• Internal Assessment: 20 marksTotal : 30 + 20 =50

Revised Syllabus for SYBA

To be implemented from 2024-25

Course Title: BASIC CONCEPTS OF RESEARCH METHODOLOGY

(Skill Enhancement Course)

SEMESTER – IV

Course Code and Title: ECSE203 [2] (SEC)

Preamble –

The learners are required to know the basic concepts of research.

Learning Objectives

The learning objectives of this course are as follows:

- To understand the importance of research in Economics.
- To know the various research methods.
- To understand some basic concepts of research and its methodologies.
- To enable an understanding of research and its methods under various areas of economics.

Learning Outcomes:-

- Students will familiar with the complete knowledge of Research.
- To understand basics and methods research.
- To define unite review of literature.
- Identify the appropriate sample techniques for different kinds of research.
- Identify the appropriate source of data in relation to the collection of research.

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

Revised Syllabus for SYBA
To be implemented from 2024-25

Course Title: BASIC CONCEPTS OF RESEARCH
METHODOLOGY
(SKILL ENHANCEMENT COURSE)

SEMESTER – IV

Course Code and Title: ECSE203 [2] (SEC)

No. of Credits - 02

Course Code: ECSE203 [2]

Course Code	Units	Topics	Lectures
ECSE101 [2]	I	Introduction of Research and Research Design: Meaning and Definition of Research, Types of Research: Basic (Fundamental) and applied Research, Qualitative and Quantitative Research, Meaning and Sources of Research Problem. Importance of Review of Literature, Research Design: Meaning, Need, Types of Research Design: Exploratory, Descriptive Research Design.	15
	II	Hypothesis and Research Report: Concepts of Hypothesis and Importance, Meaning and Definition of Data Collection, Sources of Data Collection. Measures of Central Tendencies: Mean, Median, Mode, Range, Mean Deviation, Quartile Deviation, Standard Deviation, Meaning, Objectives and Types of Research Report.	15

References:

1. Arora P. (2007) Comprehensive Statistical Methods, S. Chand Publishing.
2. Bethlehem J. (2009) Applied Survey Methods, A Statistical Perspective, Jonh Wiley & Sons.
3. Cochran W. G. (2007), Sampling Techiques (3rd ed), Jonh Wiley & Sons.
4. Gupta S. P. (1976) Statistical Methods, Sultan Chand and Sons.
5. Karmel P. & Polasek M. (2006) Applied Statistics for Economists, Pitman.
6. Kothari C. R. (2004) Research Mathodology, Methods and Techniques, New Age International.
7. Kumar R. (2010) Reserch Mathodology, A Step-by-step guide for beginners, SAGE
8. Panneerselvam R. (2014) Research Methodlogy, PHI learning.
9. Spiegel (2003) Theory and Problems of Probability and Statistics (Schaum S outline series) Tata Mcgraw Hill Education.



Revised Syllabus for SYBA

To be implemented from 2024-25

Course Title: TOURISM MARKETING (VOCATIONAL SKILL COURSE)

SEMESTER – IV

Course Code and Title: ECVS204 (02)

Preamble –

Financial literacy involves knowing basic financial management principles and applying them in our day-to-day lives. It is an important life skill that has a direct impact on our long-term well-being. Having an understanding of the basics of money management, savings, investment, etc., from a young age, can help equip students with the knowledge and skills required to make responsible choices and decisions in the long term.

Learning Objectives

The learning objectives of this course are as follows:

- Familiarity with different aspects of financial literacy such as savings, investment, taxation and insurance.
- Understand the relevance and process of financial planning.
- Promote financial well – being.

Learning Outcomes:-

- Develop proficiency for personal and family financial planning.
- Apply the concept of investment planning.
- Ability to analysis banking and insurance products.
- Personal tax planning.

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

Revised Syllabus for SYBA
To be implemented from 2024-25

Course Title: TOURISM MARKETING
(Open Elective Course)
SEMESTER – IV

Course Code and Title: ECVS204 (02)

No. of Credits - 02

Course Code: ECVS204 (02)

Course Code	Units	Topics	Lectures
ECVS204 (02)	I	Core Concepts in Marketing : Marketing concepts; Products marketing, Marketing management philosophies; Physical products and services, Marketing and social perspectives, Marketing environment.	15
	II	Measuring and Forecasting Tourism Demand: Forecasting Methods, Managing capacity and Demand; Market segmentation, Targeting and Positioning (STP); Consumer Buying Behavior and Decision Making	15

References:

1. Bhatia A. K. (2003) International Tourism, Sterling Publishers, New Delhi.
2. Sharma S. P. (2004) Tourism Education, Kanishka Publishers, New Delhi.
3. Gill P. S. (1999) Dynamics of Tourism, Anmol Publications Pvt, Ltd, New Delhi.
4. Seth P. N. (1998) Successful Tourism Management, Sterling Publishers Pvt Ltd, New Delhi.
5. Sinha R. K. (1999) Growth and Development of Modern Tourism, Dominant Publishers and Distributions. New Delhi.
6. Sinha P. C. (1998) Tourism Planning, Anmol Publication Pvt Ltd, New Delhi.
7. Pran Nath (2000) An Introduction to Travel and Tourism, Sterling Publishers, New Delhi.

**Revised Syllabus for SYBA
To be implemented from 2024-25**

**Course Title: Demography - II
(Open Elective Course)
SEMESTER – IV**

Course Code and Title: ECOE205 (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.

Learning Objectives

- To provides students an understanding of demographic processes as well as the linkages between population and economic development.
- The paper aims to familiarized students the major demographic events.

Learning Outcomes:-

- Provides knowledge on the interrelationship between population and economic development
- Equip students with the knowledge on fertility, mortality and migration.

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

Revised Syllabus for SYBA
To be implemented from 2024-25
Course Title: Demography - II
(Open Elective Course)
SEMESTER – IV

Course Code and Title: ECOE102 (OE) II

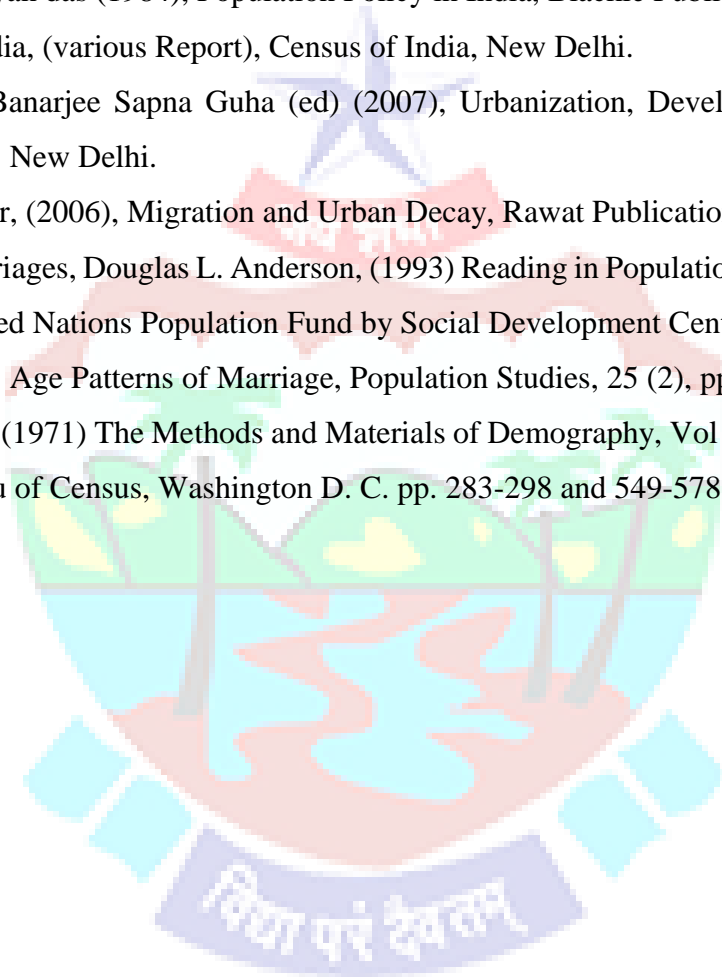
No. of Credits - 02

Course Code: ECOE205 (OE) II

Course Code	Units	Topics	Lectures
ECOE205 (02)	I	Basic Concepts : Fertility – Definition and Factors affecting fertility; Nuptiality – Definition, age at marriage and factors affecting Nuptiality; Mortality – Definition and factors affecting mortality; Life table – Definition and types.	
	II	Migration and Urbanisation : Migration: Definition and types, factors affecting migration, Theory of Migration (Harris and Todaro Model), Issues related to Migration. Urbanization: Definition, trends and patterns of urbanization in India, problems of urbanization (poverty, food supply, water, sanitation, housing, slum Ares, employment, health, education, transport, environment)	15

Reference:-

9. A.K.P.C. Swain (2008) – Population Studies – Kalyani Publications, Ludhiana.
10. Bhende A. A. & Tara Kanitkar (1982) – Principles of Population Studies, Himalaya Publishing House, Bombay.
11. Hans Raj (1984) – Fundamentals of Demography, Sujeet Publication, Delhi.
12. Dr. D. D. Kachole (2001), - Demography, Kailasha Publication, Aurangabad.
13. Chobey P. K. (2000), Population Policy in India, Kanishka Publication, New Delhi.
14. Gandrotra & Narayan das (1984), Population Policy in India, Blackie Publication, Mumbai.
15. Government of India, (various Report), Census of India, New Delhi.
16. Phadke V. S. & Banarjee Sapna Guha (ed) (2007), Urbanization, Development and Environment, Rawat Publication, New Delhi.
17. Mukharjee Shekhar, (2006), Migration and Urban Decay, Rawat Publication, New Delhi.
18. Bogue D. J. EE Arriages, Douglas L. Anderson, (1993) Reading in Population Studies and Methodoloy, Published for United Nations Population Fund by Social Development Center, Chicago, Illinois
19. Coale A. J. (1971), Age Patterns of Marriage, Population Studies, 25 (2), pp 193-214
20. Henry S. Shryock, (1971) The Methods and Materials of Demography, Vol and 2, U.S. Department of Commerce, Bureau of Census, Washington D. C. pp. 283-298 and 549-578



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

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
	<i>OR</i>	
Q.1	Unit-I (Question may be divided in to A and B)	15 Marks
Q. 2	Unit-II	15 Marks
	<i>OR</i>	
Q. 2	Unit-II (Question may be divided in to A and B)	15 Marks
Q. 3	Unit-III	15 Marks
	<i>OR</i>	
Q. 3	Unit-III (Question may be divided in to A and B)	15 Marks
Q. 4	Unit-IV	15 Marks
	<i>OR</i>	
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
S.Y.B.A. Economics
Semester- IV

Question Paper Pattern of Open Elective 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
<p>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.</p>		
Q. 1	Unit-I	10 Marks
<i>OR</i>		
	Unit-I	10 Marks
Q. 2	Unit-II	10 Marks
<i>OR</i>		
	Unit-II	10 Marks
Q. 3	Unit-I & II	10 Marks
Short Notes (Any Two)		

As per NEP 2020



**S. Z. S. P. Mandal's
Shri Pancham Khemraj Mahavidyalaya,
Sawantwadi-416510
(Autonomous)
Affiliated to University of Mumbai**



Title of the Programme - Arts

P.G. (Economics)

- A- P.G. Diploma in **Economics**- 2023-24
- B- M.A. **Economics** Two Year- 2023-24
- C- M.A. **Economics** One Year- 2027-28

Syllabus for

Semester- Sem I & II

Ref: GR dated 16th May, 2023 for Credit Structure of PG

(As per NEP 2020)

Sr. No.	Heading	Particulars	
1	Title of program O: _____ A	A	Title of the program P.G. Diploma in Economics
	O: _____ B	B	M.A. Degree in Economics (Two Year)
	O: _____ C	C	M.A. Degree in Economics (One Year)
2	O: _____ A Eligibility	A	3 Yr UG Degree with Economics
	O: _____ B Eligibility	B	3 Yr UG Degree with Economics
	O: _____ C Eligibility	C	<p>Graduate with 4-year UG Degree (Honours, Honours with Research) with Specialization in concerned subject or equivalent academic level 6.00</p> <p>O R</p> <p>Graduate with four years UG Degree program with maximum credits required for award of Minor degree are allowed to take up the Postgraduate program in Minor subjects provided the student has acquired the required number of credits as prescribed by the concerned Board of Studies.</p>
3	R: _____ Duration of program	One Year (Diploma) Two Year (Degree) One Year (Degree)	
4	R: _____ Intake Capacity	10	
5	R: _____ Scheme of Examination	NEP 50% Internal 50% External, Semester End Examination Individual Passing in Internal and External Examination	

6	R: _____ Standards of Passing	40%	
7	Credit Structure R: _____	Attached herewith (Please Refer Point 5)	
8	Semesters	A	Sem I & II
		B	Sem I, II, III & IV
		C	Sem I & II
9	Program Academic Level	A	6.0
		B	6.0
		C	6.5
10	Pattern	Semester	
11	Status	New	
12	To be implemented from Academic Year	A	2023-24
		B	
		C	2027-28

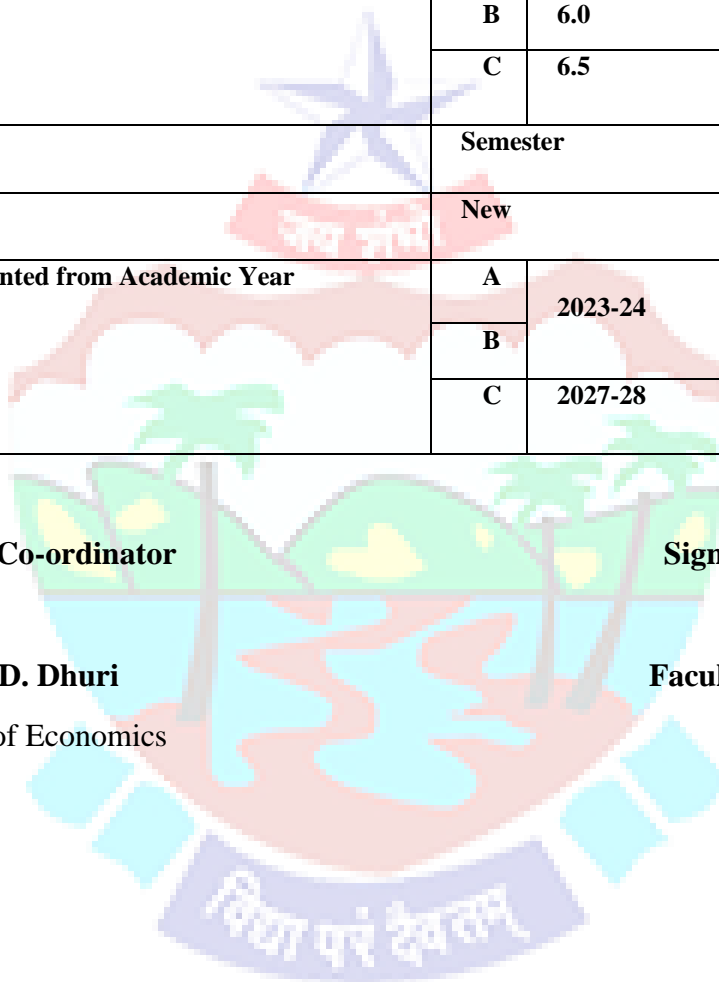
Sign of HOD / Co-ordinator

Sign of Dean

Asso. Prof. N. D. Dhuri

Faculty of Arts

Department of Economics



**2) Credit structure of the Program (Table as per ifjf'k"V 1 with sign of HOD and Dean) PFA
Post Graduate Programs in University**

Year (2 Year PG)	Level	Sem (2 Yr) Semi (5 Yr)	Department Specific Component (Major-Specialization Papers)		Other Papers	OJT / FP	R P	Cumulative Credits	Degree
			Mandatory	Electives					
	6.0	SEM I	MICROECONOMICS I (4) MACROECONOMICS I (4) INDIAN ECONOMY (4) COMPUTER APPLICATIONS FOR RESEARCH ECONOMICS (2)	INDUSTRIAL ECONOMICS (4) PUBLIC FINANCE AND PUBLIC CHOICE (4) OR INTERNATIONAL TRADE THEORY AND POLICY (4) OR MATHEMATICAL METHODS FOR ECONOMIC ANALYSIS (4)	RM 4			22	PG Diploma (after 3 year Degree)
		Cum. Cr. For PG Diploma	28	8	4	4		44	

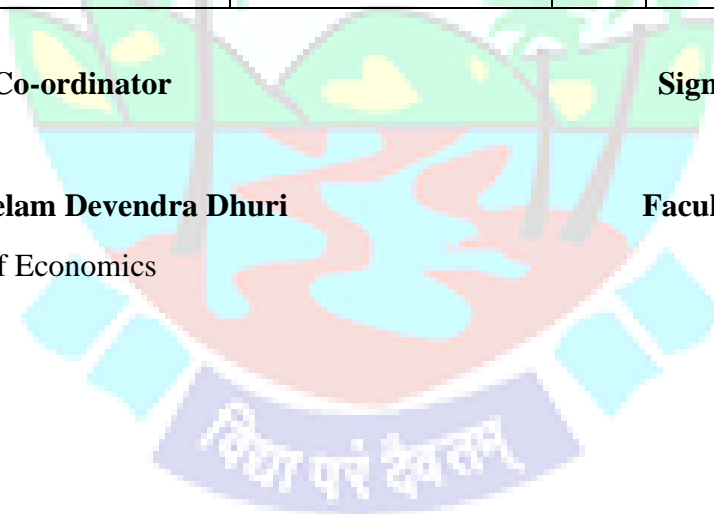
Sign of HOD / Co-ordinator

Sign of Dean

Asso. Prof. Neelam Devendra Dhuri

Faculty of Arts

Department of Economics



Title of the program
(Sem. I & II)

This syllabus is applicable for-

P. G. Diploma in Economics (Duration 1 Year) (Total Credits: 44)

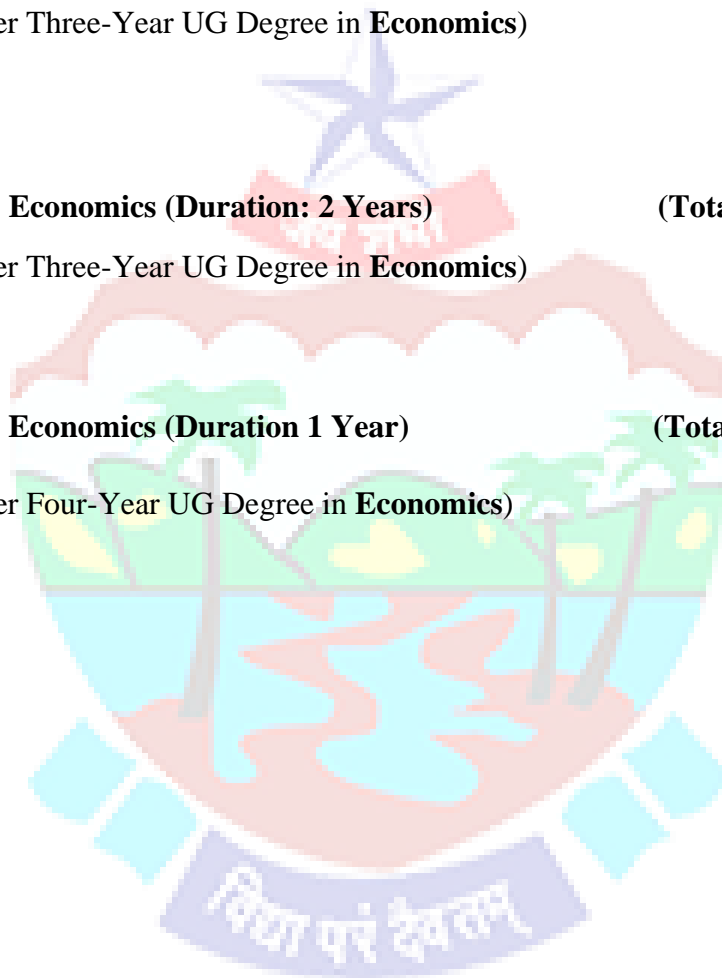
(Eligibility: After Three-Year UG Degree in **Economics**)

P. G. Degree in Economics (Duration: 2 Years) (Total Credits: 88)

(Eligibility: After Three-Year UG Degree in **Economics**)

P. G. Degree in Economics (Duration 1 Year) (Total Credits: 44)

(Eligibility: After Four-Year UG Degree in **Economics**)



**Certificate Course in M.A. Syllabus as per
NEP 2020
Academic Year 2023 – 2024**

Preamble

1) Introduction

The aim of the Programme is to equip students with skills and research potential to contribute for nation building.

1. Understand the problems confronting the Indian economy
2. Provide the knowledge on micro and macro approaches in Economics
3. Enable them to use the tools required for data analysis

1) Aims and Objectives

To provide proper understanding on economic theory and its applications in the context of Indian Economy.

2) Learning Outcomes

LO1: Make the students aware of the challenges facing Indian economy and to enable them to suggest policy measures.

LO2: Understanding on economic theory and its applications

LO3: Provide them the knowledge on computer applications and hands- on experience.

1) Any other point (if any)

The MA Programme will help the students to make significant contributions to academics and policy making at the local, national and global level.

SYLLABUS
M.A. (ECONOMICS)
SEMESTER – I & II

SEMI - I

MICROECONOMICS I

CREDITS : 04

Course Objectives :

The paper aims to develop an understanding of the basic microeconomic theory that has application in different areas. While completing the course the students are expected to be familiar with basic microeconomic theory and acquire analytical skills to analyse problem of economic policy. For strengthening the understanding of students, examples and exercises would be provided.

Course Outcomes :

CO 1 : Develop a nuanced understanding of consumer and firm.

CO 2 : Provide students with the necessary theoretical and analytical tools to study problems of economic policy

Course Code	Units	Topics	Lectures
PGA101ECT	I	Module 1 : Consumer Behaviour Preference ordering, The feasible set, Consumption decision, Comparative statics, Price and Income effects, Slutsky equation, Measuring the benefits of price change, Utility maximization problem, Indirect utility function, Expenditure.	15
	II	Module 2 : Production, Cost and Supply Production function : properties and types, Cobb-Douglas, CES and Translog, Elasticity of substitution, variations in scale, Variations in input proportions, Cost : Cost minimization : Long run and short run, Cost function, Relation between long run and short run costs, Supply : Profit maximization and firm supply, Long run supply function, profit function, Relationship between long and short run profit maximization.	15
	III	Theory of Competitive Markets Market demand and market supply curve, Short run market equilibrium, stability of equilibrium: Walrasian and Marshallian approaches, Long run market equilibrium. Stability of long run equilibrium.	15
	IV	General Equilibrium and Welfare Economics Walrasian general equilibrium of a competitive economy, Edgeworth exchange theory, Pareto criterion, First and Second theorem of welfare economics, Externalities and market failure.	15

Reference :

1. Das S. P. (2007) : Microeconomics for Business, Sage, New Delhi.
2. Gravelle H. and Rees R. (2004) : Microeconomics, 3rd, Edition, Pearson Edition Ltd. New Delhi.
3. Jehle, G. A. and P. J. Reny (2006) : Advanced Microeconomic Theory, 2nd Edition, Pearson Education, New Delhi.
4. Tandon P. (2015) : A Textbook of Microeconomics Theory, Sage, New Delhi.
5. Varian H (2000) : Intermediate Microeconomics : A Modern Approach, 8th Edition and W. W. Norton and Company.
6. Varian H. B. (1992) : Microeconomic Analysis, 3rd Edition W. W. Norton and Company.

MACROECONOMICS I

CREDITS : 04

Course Objectives :

This paper is designed to provide in-depth knowledge on varied concepts of Macroeconomics. The contents of the paper throws light on a range of issues like national income, social accounting, Consumption expenditure, investment analysis, inflation, trade cycle as well as money supply and demand for money.

Course Outcomes :

CO 1 : The learners can enhance their understanding on the concepts like national income and social accounting, consumption expenditure and investment analysis.

CO 2 : Students acquire knowledge on issues like inflation, trade cycle as well as money supply and demand for money

Course Code	Units	Topics	Lectures
PGA102ECT	I	<p>Module 1 : Basic Economics :</p> <p>Consumption function, properties or technical attributes of consumption function, saving function, The Keynesian Multiple – The budget - balanced budget : the theorem and multipliers, Money, Interest and Income – The IS-LM Model. Derivation of IS curve, Derivation of LM curve, Intersection of IS and LM curve.</p>	15
	II	<p>Module 2 : Consumption Expenditure and Investment Analysis</p> <p>Absolute income hypothesis : Relative income hypothesis : Permanent income hypothesis : Life-cycle hypothesis. Investment – Determinants of investment – Marginal efficiency of capital (MEC) – supply price of capital (SP), prospective yield of capital (PY) – FRB – MIT (Federal Reserve Bank and Massachusetts Institute of Technology)</p>	15
	III	<p>Module 3 : Inflation and Trade Cycles</p> <p>Theories of Inflation : Demand pull and Cost push, Keynesian Theory, Inflation and GDP, trade cycles, Anti cyclical policy. Theories of trade cycles – Hicks, Schumpeter, Goodwin and Samuelson.</p>	15
	IV	<p>Module 4 : Supply and Demand for Money</p> <p>Components of Money supply : Measures of money supply : M1, M2, M3 and M4 – Determinants of Money supply – Classical approach, Keynesian approach, Liquidity preference theory, portfolio balance Approach : Baumol and Tobin, Milton Friedman's Approach.</p>	15

Reference :

1. Dornbusch, Fisher, Stratz, macroeconomics, (Revised Edition) Tata Mcgraw – Hill. New Delhi..
2. Ahuja H. L. Macroeconomics Theory and Policy S. Chand and Co. Ltd. New Delhi.
3. Froyen R. T. Macroeconomics (7th Edition) Pearson Education New Delhi.
4. Mankiw N. G. Macroeconomics (Revised Edition) Worth Publications new York.
5. Carlin W and S David Macroeconomics, Oxford University Prss.
6. Errol D'Souza Macroeconomics, Pearson Education India – 2009 .

INDIAN ECONOMY

CREDITS : 04

Course Objectives :

The paper aims at building strong fundamentals to varied challenges confronting the indian economy with special reference to it's development challenges. Wherever possible an effort is made to incorporate the disussion on relavant case studies in different sectors of the economy.

Course Outcomes :

CO 1 : Students get faliliarized with the sectoral issues to be tackled with the indian perspective.

CO 2 : Generate awerness on the solutions to deal with the development chal;leges of the Indian econmy in the 21st Century globalised world.

Course Code	Units	Topics	Lectures
PGA103ECT	I	Module 1 : Characteristics of Indian Economy Features and Characteristics of the Indian Economy. Trends and Structure, Demographic features, National Income, Growth and Structure Change in the Indian Economy, Poverty,	15
	II	Module 2 : The Agricultural Sector Agricultural Production and Productivity issues, Institutional structure, Land reforms in India, Technological change in agriculture, Pricing of agricultural inputs and output : Terms of trade between agricultural and industry, Agricultural finance policy, Agricultural Marketing and Warehousing, Issues in Food security, Policies for Sustainable agriculture.	15
	III	Module 3 : Industry and FDI Industrial Profile in India – Private sector, Large, Medium and small Scale Industries, Village Industries, Public sector, Role and Problems of Public Sector Industries, Small scale and Cottage industries in India – SME's in India. Recent trends in industrial growth, Industrial sickness, Exit policy, Role of BIFR, Impact of globalization : Trends and pattern of FDI in India : Trends and Pattern of Indian Industry abroad, Export and Import component of Indian industrial sector, Industrial combinations : Causes, Mergers & Amalgamations.	15
	IV	Module No. 4 : Service Sector Introduction, Importance of Service sector, Growth and Performance of Health Care, Sub – sectorwise	15

		<p>performance of service sector, Services provided by IT – ITES : Advantages, Research and Development services, Collaborative Relationships among different Institutions in India. Advantages of the Collaborative Relationships, Government initiatives / Platforms in the collaboration of Research and Development.</p>	
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Reference :

1. Agarwal A. N. (2006) – Indian Economy : Problems of Development and Planning. A division of new Age international (P) Limited New Delhi.
2. Bawa R. S. and P. S. Raikhy (Ed) (1997) Structural Changes in Indian Economy, Guru Nanak Dev University Press, Amritsar.
3. Brahmananda, P. R. and V. R. Panchmukhi (Eds.) (2001) Development Experience in the Indian Economy : Inter – state Perspectives, Book Well New Delhi.
4. Dutt R. and K.P.M. Sundharam (2002) Indian Economy, S. Chand New Delhi.
5. Misra S. K. and V. K. Puri (2020) Indian Economy, Himalaya Publishing House, Mumbai.
6. Uma Kapila (2019) : Indian Economy – since Independence – 17th Edition, Academic Foundation.

COMPUTER APPLICATIONS FOR RESEARCH IN ECONOMICS

CREDITS : 02

Course Objectives :

This is a basic course designed to provide students basic understanding on complex applications in the field of economic research.

Course Outcomes :

CO 1 : To provide hands – on experience on Excel and its functions.

CO 2 : Enable students to present data effectively.

Course Code	Units	Topics	Lectures
PGA104ECT	I	Module 1 : Introductions to Excel and Overview of Excel functions for Economics, Importing and Exporting data from different sources of data base, Sorting filtering and formulation the data for analysis for Economic research.	15
	II	Module 2 : Presentation of tabulation of data, Creating effective graphs and charts for effective presentation, Introduction to interactive dashboard for data exploration.	15

Reference :

1. Schult C. Excel for Economists : Data Analysis, Visuazation & Modering.
2. Middleton M. R., Data Analysis Using Microsoft Excel, Updated for Office 365
3. Soualis N. J. Mastering Excel For Business Analysis, An Introduction to Data Modering.
4. Sargent T. J. and Stachurski J., Qantative Economics with Python by (includes examples using Excel for economic anaysis)
5. Knaflic C. N. (2015), Storytelling with Data : A data visualization guide for business Professionals, Wiley.
6. Healwy K. (2018) Data Visualization : A practical introduction, Princeton University Press.

INTERNATIONAL TRADE, THEORY AND POLICY

CREDITS : 04

Course Objectives :

This paper aims at providing a theoretical exposition on bases, effect and restrictions on free flow of International Trade with empirical evidence. It also updates learner's knowledge about regional trading arrangements and multilateralism in the context of WTO.

Course Outcomes :

CO 1 : Enables to understand the flow of International Trade.

CO 2 : Awareness on varied trade policies.

Course Code	Units	Topics	Lectures
PGA105ECT	I	<p>Module 1 : Classical nad Neoclassical Theories of Trade</p> <p>Brief review of absolute and comparative advantage of trade, real amd opportunity cost approaches, terms of trade, reciprocal demand and offer curves. The Hecksher – Oholin (H-O) Theory, Factor price Equalization Theorem, Leontief’s paradox, Rybezynski Theorm, Product cycle theory and technological gap theory.</p>	15
	II	<p>Module 2 : Foreign Exchange Market</p> <p>Flexible Exchange Rate, Currency convertibility, Significance of Foreign exchange Reserves, Exchange Risk, Global linkage of Foregin Exchange Market, Open and closed – Interest parity condition _ euro Currency Markets, Euro equity and Euro Bonds Markets – Nature and Characteristics.</p>	15
	III	<p>Module 3 : Trade Policy</p> <p>Instrumentts of trade policy : Traffis and Welfare, optimum tariff, Tariff and real rewards to factors of production, the Stoper – Samuelson Theorem, Metzler’s paradox, Theory of customs union, quotas and export subsidies, gains from trade and growth.</p>	15
	IV	<p>Module No. 4 : Contempoary Regional Trading and WTO.</p> <p>Regionalism and Multilateralism in the context of WTO, Critical Evaluation of the Role played by WTO, overview of regional trading arrangemant : SAARC, SAFTA, ASEAN, European Union, NAFTA.</p>	15

Reference :

1. Grimwade Nigel, International Trade (second Ed), Routledge, London 2001
2. Grubel H. G. and P. J. Lloyd Intra – Industry Trade, Macmillan, London 1975
3. Haberler G. A. Survey of International Trade, Theory, International Finance Section, Department of Economics, Princeton University 1961
4. Krugman P. R. and M Obstfeld, International Economics Theory and Policy, Addison – Wesley, Delhi 2000
5. Salvatore D. International Economics, John Wiley and sons, Singapore 2002
6. Sodersten B. and R. Geoffrey, International Economics, Macmillan. London 1994

RESEARCH METHODOLOGY

CREDITS : 04

Course Objectives :

Through this course it is aimed to provide for the rationale behind using research techniques which are qualitative or quantitative and the purpose of using a particular model. The objective is to introduce the candidates to the basic quantitative and qualitative tools, commonly used by the researchers in Economics. This Course also aims at deepening the students' understanding on ethics in research and indication and unethical practices like plagiarism which has to be strictly avoided in research.

Course Outcomes :

CO 1 : To develop essential analytical skills and sufficient knowledge of quantitative methods and qualitative methods.

CO 2 : To enable the students in data collection, presentation, analysis and drawing inferences about various statistical hypotheses based on economic problems.

CO 3 : To generate senses of ethics to be followed while undertaking research.

Course Code	Units	Topics	Lectures
PGA106ECT	I	<p>Module 1 : Intoduction</p> <p>Concepts in research methods, Quantitative and Qualitative approaches in Data collectins, Requirement in qualitattive research – sampling frame and design. Conceptual Frameworks Research questions, validity in data gathering, Sampling methods, Sampling and Non sampling erros, sample size determinant, Ethics in Reserch – Plagarism and ethics in writing Intellectual honesty and research intergrity.</p>	15
	II	<p>Module 2 : Quantitative Methods in Data Analysis –</p> <p>Analysis of Variance, Multiple classification Nalysis, Factor anaylsis and Principal Components Analysisi, Binary Logistic regression. Multinomial logot regression. Basic Form of logit model, interpretation of coefficients, Discriminant analysis, Multilevel anaylsis and application.</p>	15
	III	<p>Module 3 : Qualitative Research and Data Collection procedures.</p> <p>The phases of qualitative studies – The sample in qualitative designs – The nature of data in qualitative research – Resaerch produces for desinh and setting up qualitative research study, Staring a study : entry into the field : role of the researcher : confidentiality , collecting background infromation, the mixed approaches – Mixed Models – Mixed methods – surrvey method – key techiques for data collection in qualitative resaerch, Types of</p>	15

		inetrview (structed too unstructural) – Types of observation procedures, Focus groups discussions.	
	IV	Module 4 : Representation, Writing and Presentation Basic principles of analysis of data – computer assisted content analysis – The role of theory in data anaysis. A Completing analysis and writing a report – The importance of originality – writing an outline of the resaech – Transparent presentation : A case stusy – Analysing and Interpreting the Data.	15

Reference :

1. Bryman A. Social Research Methods 4th Edition OUP 2012
2. Cresswell J. W. Qualitative Inquiry and Research design, choosing among Five approcaches, Sage Publication 2007
3. Denzin N. K. and Lincoin Y. S. (eds) Hanbook of Qualitative Research sage, Thousand Oaks 1994
4. Johnson & Christensen (2004) Educational Research : Quaantitative and Qualitative approaches (4th Ed) Boston, Allyn and Bacon.
5. Neuman W. L. (2000) Social research methods, qualitatlve and quantitative approaches (4th Ed) Boston : allyn and Bacon
6. Strauss A. & Corbin J. (1994) “Grounded Theory Methodology” in N.K. Denzen & Ys Lincoin (Eds) Handbook of qualitative Research (pp 217 – 285) Thousand Oaks, Sage Publication.
7. A Guide to research in economic Editor C. T. Kurien, Madras, Sangam Publishers for Madras Institute of Development studies. (1973)

SEMI - II

2) Credit structure of the Program (Table as per ifjf”k”V 1 with sign of HOD and Dean) PFA

Post Graduate Programs in University

Year (2 Year PG)	Level	Sem (2 Yr) Semi (5 Yr)	Department Specific Component (Major-Specialization Papers)		Other Papers	OJT / FP	R P	Cumulative Credits	Degree
			Mandatory	Electives					
	6.0	SEM II	AGRICULTURAL ECONOMICS I (4) ECONOMICS OF LABOUR MARKET (4) FINANCIAL ECONOMICS (4) ADVANCED COMPUTER APPLICATIONS FOR RESEARCH IN ECONOMICS (2)	ECONOMICS OF HUMAN DEVELOPMENT (4) ECONOMICS OF DEVELOPMENT (4) OR ECONOMETRICS (4) OR INTERNATIONAL FINANCE (4)		4		22	PG Diploma (after 3 year Degree)
	Cum. Cr. For PG Diploma		28	8	4	4		44	

Sign of HOD / Co-ordinator

Sign of Dean

Asso. Prof. Neelam Devendra Dhuri

Faculty of Arts

Department of Economics

AGRICULTURAL ECONOMICS

Credits: 04

Course Objectives

This course aims to enhance the students understanding of agricultural development. Starting from basic questions like what factors lead to agricultural development or why does the share of agriculture in GDP go down once economies start developing, the course tries to enhance the students' awareness on contemporary debates in the literature, and leads them to analysis of current governmental policies and strategies for surviving in the globalizing world.

Course Outcomes

CO1 This paper enhances knowledge on the process of development of agriculture in an emerging economy.

CO2: It throws light on the role and die policies as well as the competitiveness of the agricultural sector.

Course Code	Units	Topics	Lectures
PGA201ECT	I	Module 1: Theories of Agricultural Development Role of agriculture in a developing economy a developed economy; Theories of agricultural development (Lewis, Schultz, Mellor, Havami and Ruftan)	15
	II	Sustainable Agricultural Development and Food Security Impact of green revolution; Models of spread of technology and experiences in input use efficiency; Measurement and strategies for sustainable development, Food security: Concept, measurement, magnitude, and critical evaluation of government policies.	15
	III	Competitiveness of Agriculture Products and Marketing Measurement of efficiency of agricultural products in international markets* Efficiency of agricultural markets in India, Form and impact of government intervention in the markets and its effects on efficiency, Commodity markets: operation and likely impacts, Strategies for surviving ina globalizing wold.	15
	IV	History and Policies for Agricultural Development in India Trends in production since 1950, National Food Policy, Agriculture Policy, Area, productivity, employment and wage rate analysis; Trends in India’s agricultural exports and imports and implications	15

References:

1. Basu Kaushik, Analytical Development Economics, Oxford University Press, 1998
2. Bhalla G S,⁵ Globalization and Indian Agriculture, Volume 19 of the State of tire Indian FarmerSeries. Academic Foundation, 2004,
3. Dreze Jean and AmartyaSen, Hunger and Public Action, Oxford University Press, 1989.
4. Sawant S D (2002), Indian Agriculture: Past developments and policies for the future, DantwaiaMonograph Series, No, 4,2002.
5. Sengupta D, Chakraborty D and Banerjee P, Beyond the Transition Phase of WTO: An IndianPerspective on Emerging Issues, Academic Foundation, 2006.
6. Shiva Vandana, The Violence of the Green Revolution, Palgrave Macmillan, 1992.

ECONOMICS OF LABOUR MARKET

Credits: 04

Coarse Objective

The objective of this course is to introduce the student to labour economics with an emphasis on microeconomic theory and empirics. Through the course, the student will learn basic economic forces behind employment and wages, sources of labour market imperfections, driving forces for education and skill up gradation, discrimination among the workers and public polices for labour welfare.

Course Outcomes

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COT. The analysis of case studies would help the student to understand real world issues pertaining to labour markets and also to assess related public policy measures.

C02: The course sheds light on a range of new developments and a host of issues studied by generations of labour market experts thereby students are equipped with the skill of getting assimilated with the labour markets in real life as well.

Course Code	Units	Topics	Lectures
PGA202ECT	I	Nature of the Labour Market Concept of labour market, Characteristics, Types, Basic Search Theory in labour markets	15
	II	Micro and Macro Approches in Labour Markets The theory of labour demand, Industry demand for labour, Determinants of labour demand, The theory of supply, Work-leisure choice in Indifference curves, Budget constraint Utility maximization, backward-bending supply curve and its applications.	15
	III	Wage Issues in Labour Markets Theories of Wages, Wage structure and components of wages, Share of wages, Inequality of wage income, Male-Female Wage differentials, Contract labour, Properties of contractual wages, Minimum wages, Wage and output relations in India during pre-reform period, Wage code 2020.	15
	IV	Case Studies on Labour Market in India Role of risk, Wage differentials, Employee Turnover, Migrant Labour, Impact of Trade Unions on Productivity and Wages, Social Security, Occupational Safety and Security, Sectoral Labour Market, Formal and informal.	15

References:

1. Bhagwati TN, *Economies of Labour and Industrial Relations*, Sahitya Bhavan, Agra. 1996.
2. Cahue Pierre and Andre Zyl her berg, *Labor Economies*, Massachusetts Institute of Technology, 2004
3. Harris Barbara and Sinha White, *Trade Liberalisation and India's Informal Economy*, Oxford University Press; New Delhi, 2007.
4. Sapsford David and Zafiris Tzannatos, *The Economics of the Labour Market*, Macmillan, London, 1993.
5. Singh Jwitesh Kumar, *Labour Economics*, Deep and Deep Publishers, Delhi, 1998.
6. Uchikawa Shuji (eds.) *Labour Market and Institution in India 1990s and Beyond*, Manohar Publishers, New Delhi, 2003.

FINANCIAL ECONOMICS

Credits:04

Course Objectives

This paper introduces students to the varied concepts of economics of Finance. It aims at importing knowledge about the basic models of investment and portfolio analysis, including the CAPM, The paper is designed to throw light on the valuation of assets, derivatives and options in addition to patterns of corporate financing which will be based on case study approach.

Course outcomes

CO 1 : Students will be exposed to the concepts and terminologies of financial economics

C02: Learners will understand the basics of investment and learn to understand the present and future value of investment,

C03: Students will be familiar with the concepts like balance sheet, analysis of the balance sheets and corporate finance.

Course Code	Units	Topics	Lectures
PGA203ECT	I	It Investment and Portfolio Analysis Basic theory of interest discounting and present value; internal rate of return - (IRR), evaluation criteria, fixed income securities; bonds prices and yields, Structure of interest rate, yield curves, spot and forward rates. Portfolio of assets, random asset returns. Mean variance portfolio analysis.	15
	II	Module 2: Financial Statements and Analysis Concepts of Balance Sheet - Statement of profit and loss, profit versus cash flow, consolidated financial statement, standard financial statements, Financial Ratios and analysis, Application of financial statement analysis, Relationship between finance, economics and accounting,	15
	III	Portfolio Analysis Meaning; and diversification of investment portfolio. Portfolio risk, Efficient Frontier and optimal portfolio. Capital Market line, Capital Asset pricing Model (CAPM), Securities Market Line- SML, the beta of an Asset and of portfolio.	15
	IV	Module 4: Corporate Finance Patterns of corporate financing: stock, debt, preferences, convertibles. Capital structure and the cost of capital, corporate debt and dividend policy, the Modigliani -Miller theorem,	15

References:

1. David Luenberger, Investment science. Oxford University Press. 1997.
2. Hull John C. Options, Futures and other derivatives. Pearson Education. 2005.
3. Thomas Copeland, J. Fred Weston and Kuideep Shashi,
Financial Theory and Corporate Policy. Prentice Hall 2003.
4. Richard Brealey and Stewart Myers. Principles of Corporate Finance. McGraw Hill.
2002.
5. Prasanna Chandra Financial Management: Theory and Practice, 10th edition,
McGraw Hill Education (India) Pvt. Ltd.
6. William Sharpe, Gordon Alexander and J. Bailey. Investment, Prentice Hall of India
2003.

Advanced Computer Applications for Research in Economics

No. of Credits - 2 Course Objective

This course is designed to improve proficiency in statistical analysis by using excel. It will help students to explore research which involve econometric applications in economic data.

Course Outcome

CO I:Enable the students to analyse econometric problems by using excel. COI:Equip them the skills to present the analysed data through appropriate means.

Course Code	Units	Topics	Lectures
PGA204ECT	I	Introduction to statistical analysis in Excel Exploring descriptive statistics; Correlation and regression Analysis in Excel	15
	II	Application of Spreadsheet for analysis in Economic Research Professional PowerPoint Presentation tools.	15

References:

Evergreen, S. Effective Data Visualization: The Right Chart for the Right Data Few, S.

Information Dashboard Design: Displaying Data for At-a-Glance Monitoring Hector

Guerrero, Excel for Data Analysis: Basic to Advanced

Hector Guerrero, Excel Data Analysis: Modeling and Simulation

Alastair L. Day, Mastering Financial Mathematics in Microsoft Excel: A Practical Guide for Business Calculations

Brian C. Williams, Visualizing Data with Microsoft Excel

Danielle Stein Fairhurst, Financial Modeling in Excel for Dummies

Michael Alexander and John Walkenbach, Excel Dashboards and Reports for Dummies

ECONOMICS OF DEVELOPMENT

Credits: 04

Course

Objectives

The objective of this paper is to integrate the developmental perspectives and theories to enable the students to understand the complexity of developing economies and the related economic challenges. The students get to critically reflect on the major economic ideas in development parlance.

Course Outcomes

CO1 To familiarize students with the developmental aspects of nations

CO2: To acquaint with different theories on growth and development

Course Code	Units	Topics	Lectures
PGA205ECT	I	Module I : Approaches to Development Capital formation and Economic Development, Role of agriculture and industry in economic Development, Human Capital formation and economic Development, Human Development approach. Institutional Structure and economic Development, Deficit Finance and Economic Development.	15
	II	Poverty and Inequality Poverty and income distribution, Poverty and problems of measurement, Income inequality, and measurements of inequality, Understanding inequality in the developed and underdeveloped worlds- Impact of inequality on the process of development.	15
	III	Theories of Economic Growth and Development The Harrod-Domar growth model and its application to LDCs, Surplus labour (Lewis), big push (Rosenstein-Rodan) , Balanced growth (Nurkse) , Unbalanced growth (Hirshman), So low's model of economic growth, The process of cumulative causation (Myrdal)	15
	IV	Population Growth and Developmental Challenges Population; basic concepts. The theory of demographic transition, Age structures of population Population Pyramids: high fluctuating, early expanding, late expanding, low fluctuating and natural decrease. Migration; Rural-Rural and Rural-Urban migrations, Cross country migration, Reverse migration, circular migration, The Harris - Todaro Model, Problems of urbanization. Employment markets; Formal sector and informal sector employments and wage rates.	15

References

1. Meier G. and J. Rauch, *Leading Issues in Development Economics*, Oxford University Press, 2018.
2. Thiriwall A.P (2018) *Growth and Development (8th Edition)*, 2018
3. Basu, K., *Analytical Development Economics: The Less Developed Economy Revisited*, The MITpress, 2008.
4. Ray, Debraj, *Development Economics*, OUP, New Delhi, 2007.
5. Behrman, JR and TN Srinivasan, *Handbook of Development Economics*, Elsevier, 1995
6. Hayami, Yujiro, *Development Economics: From the Poverty to the Wealth of Nations*, OUP, Great Britain, 2001.