



॥ सा विद्या या विमुक्तये ॥
स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड

'ज्ञानतीर्थ', विष्णुपुरी, नांदेड - ४३१ ६०६ (महाराष्ट्र राज्य) भारत

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

'Dnyanteerth', Vishnupuri, Nanded - 431 606 (Maharashtra State) INDIA

Established on 17th September, 1994, Recognized By the UGC U/s 2(f) and 12(B), NAAC Re-accredited with 'B++' grade

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मानवविज्ञान विद्याशाखे अंतर्गत राष्ट्रीय शैक्षणिक धोरणानुसार पदव्युत्तर स्तरावरील प्रथम वर्षाचे अभ्यासक्रम शैक्षणिक वर्ष २०२३-२४ पासून लागू करण्याबाबत.

प रि प त्र क

संदर्भ:- १. जा.क्र.शै-१/एनईपी२०२०/मानवविज्ञान-अक्र-/२०२३-२४/१३२ दिनांक ०६/०७/२०२३.

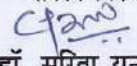
२. जा.क्र.शै-१/एनईपी२०२०/मानवविज्ञान-अक्र-/२०२३-२४/१२९ दिनांक ३०/०६/२०२३.

या परिपत्रकान्वये सर्व संबंधितांना कळविण्यात येते की, संदर्भीय परिपत्रकान्वये दिनांक १६ जून २०२३ रोजी सपन्न झालेल्या मा. विद्यापरिषदेच्या बैठकीतील ऐनवेळचा विषय क्र. ०७/५६-२०२३ अन्वये मान्यता दिल्यानुसार मानवविज्ञान विद्याशाखे अंतर्गत राष्ट्रीय शैक्षणिक धोरणानुसार अभ्यासक्रम शैक्षणिक वर्ष २०२३-२४ पासून लागू करण्यात आलेले आहेत. तथापी वरील संदर्भीय परिपत्रक १ व २ अन्वये प्रकाशित केलेल्या अभ्यासक्रमामध्ये अभ्यासमंडळानी किरकोळ दुरुस्ती करून अभ्यासक्रम सादर केले आहेत. त्यानुसार दुरुस्तीसह खालील अभ्यासक्रम लागू करण्यात येत आहेत.

1. M. A. Applied Economics I year (University Campus)
2. M. A. Economics I year (University Sub Campus Latur)
3. M. A. Hindi I year (Affiliated College)

सदरील परिपत्रक व अभ्यासक्रम प्रस्तुत विद्यापीठाच्या www.srtmun.ac.in या संकेतस्थळावर उपलब्ध आहेत. तरी सदरील बाब ही सर्व संबंधितांच्या निदर्शनास आणून द्यावी, ही विनंती.

'ज्ञानतीर्थ' परिसर,
विष्णुपुरी, नांदेड - ४३१ ६०६.
जा.क्र.:शैक्षणिक-१/परिपत्रक/एनईपीपीजी/मानवविज्ञान/
२०२३-२४/२९५

आपली विश्वासू

डॉ. सरिता यन्नावार
सहाय्यक.कुलसचिव

दिनांक : १२.०९.२०२३.

प्रत माहिती व पुढील कार्यवाहीस्तव :

- १) मा. अधिष्ठाता, मानवविज्ञान विद्याशाखा, प्रस्तुत विद्यापीठ.
- २) मा. संचालक, परीक्षा व मूल्यमापन मंडळ याचे कार्यालय, प्रस्तुत विद्यापीठ.
- ३) मा. प्राचार्य, सर्व संबंधित महाविद्यालये, प्रस्तुत विद्यापीठ.
- ४) सिस्टम एक्सपर्ट, शैक्षणिक विभाग, प्रस्तुत विद्यापीठ. यानां देवून कळविण्यात येते की, सदरील परिपत्रक विद्यापीठाच्या संकेतस्थळावर प्रसिध्द करण्यात यावे.

**SWAMI RAMANAND TEERTH MARATHWADA
UNIVERSITY, NANDED**



(Structure and Syllabus of Campus PG Degree Program with Entry and Exit Option)

**TWO YEAR MASTER DEGREE PROGRAMME
Major in Applied Economics**

Under the Faculty of Humanities

School of Social Sciences, S.R.T.M.U. Nanded

Effective from Academic year 2023-2024
(As per NEP-2020)

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED
School of Social Sciences

Revised Syllabus as per NEP 2020 for Major in Applied Economics
Effective from Academic year 2023-2024

Forward by the Dean, Faculty of Humanities

From the Desk of Dean

NEP 2020 proposes a new and forward-looking vision for India's Higher Education System through quality universities and colleges. Its key is in the curriculum and its practical implementation.

The curriculum must be exciting, relevant, and regularly updated to align with the latest knowledge requirements and meet specified learning outcomes. High-quality pedagogy is necessary to impart the curricular material to students successfully; pedagogical practices determine the learning experiences provided to students, thus directly influencing learning outcomes. The assessment methods must be scientific, designed to improve learning continuously test the knowledge application.

The university's proper framing and development of syllabi will result in the upbringing and nourishment of multidisciplinary and holistic citizens. Emphasis is on outcome-based learning. Every course has well-defined objectives and outcomes. The assessment guidelines also provide clarity and precision to the vision behind prescribing the particular course content.

NEP foresees more vibrant, socially engaged, cooperative communities and a happier, cohesive, cultured, productive, innovative, progressive, and prosperous nation. The introduction of Research Methodology and ethics will widen the vision and broaden the perspectives of the learners.

Introducing Case Studies and Field Projects has created a unique opportunity for the higher education institute to bridge the gap between the academia, industry and the community NEP believes effective learning requires a comprehensive approach that involves an appropriate curriculum, engaging pedagogy, continuous formative assessment, and adequate student support.

We are sure that the Postgraduate centres of this university and its affiliated colleges will implement the course effectively and successfully, resulting in a healthy and more creative academic ambience.

Prof. Ajay Tengse,
Dean, Faculty of Humanities,

Dr. Vikas Sukale,
Asso. Dean, Faculty of Humanities,
Swami Ramanand Teerth Marathwada University, Nanded.

From Desk of Chairman, Board of Studies of the Subject Economics

The New Education Policy is being implemented from the academic year 2023-24 in Swami Ramanand Teerth Marathwada University, Nanded. This policy provides a great opportunity to revolutionise the education sector. In this educational policy, many reforms have been made in the educational framework, rules, and administrative system. The policy will make it possible to achieve the goal of sustainable development of the country. The objectives of this policy are to build an efficient and strong educational system, this education strategy gives special attention to the skills of creative thinking, communication skills, cooperation, empathy and self-confidence. This policy lays down fundamental principles for educational systems, and institutions and inculcates Indian values through curriculum and pedagogy. The new policy is expected to create constitutional values as well as a debt band with the country as our country moves towards becoming a global knowledge generation hub. It is necessary to meet the rising aspirations of the youth.

The Education of economics has gained a lot of importance in recent times as the world has become a market due to globalization, privatization & liberalization. There was a need for a new national education policy to replace the traditional education system. In accordance with this policy, the economics curriculum has been changed to ensure quality education, the student's sustainable development, employment opportunities, environment, complementary development, human welfare, economic theory, statistics, mathematical economics, econometrics, financial policy, import, export, savings, investment, employment and creating vocational skills among students and to acquire Indian knowledge along with western economics knowledge. The role of the new national education policy is not only to create job seekers but to create an entrepreneur.

The syllabus prepared for Post graduate students of economics which is based on National Education Policy 2020. This Framework is formulated with a student-centric approach and provides flexibility in terms of choice of disciplines of study, developing academic pathways having creative combinations of disciplines for study with multiple entry and exit points, determining semester-wise academic load and the ease to learn at his/her pace, to the extent possible. I believe strongly that small steps taken in the right direction will definitely help in providing quality education to the stakeholders. I as the chairman board of studies in the economics of Swami Ramanand Teerth Marathwada University Nanded happy to state here that syllabus where finalised in meeting where more than 9 members from different institutes were attended.

Dr. Laxman Hanmantrao Patil
Chairman, Board of Studies of the Economics,
Swami Ramanand Teerth Marathwada University, Nanded



Swami Ramanand Teerth Marathwada University, Nanded
Members of the Board of Studies in the subject of Economics
Under the faculty of Humanities

Sr. No.	Name of the Member	Designation	Address with mail id	Contact No.
1	Dr. Laxman Hanmantrao Patil	Chairman	Shivaji Mahavidhyalya, Udgir lhpatil1971@gmail.com	9421365316
2	Dr. Pramod Pandurang Lonarkar	Member	School of Social Sciences this University pramodlonarkar83@gmail.com	7745083377
3	Dr. Shalinee Uttamrao Kadam	Member	School of Social Sciences this University shalineekadam@gmail.com	8698063223
4	Dr. Vikas Vinayakrao Sukale	Member	Peoples College Nanded vvysukale@gmail.com	9423345145
5	Dr. Digambar Dattarao Bhosale	Member	Yeshwant Mahavidyalya, Nanded bhosaledigambar3@gmail.com	7020560852
6	Dr. Chhaya Prabhakar Karkare	Member	K.R.M Mahila Mahavidyalya, Nanded cpkarkare@gmail.com	9923330669
7	Dr. Rajeshwar Vishwanath Kirtankar	Member	Narayanrao Waghmare College, Akhda Balapur Dist Hingoli rvkirtankar@gmail.com	8788823804
8	Dr. Vishal Chandrashekhar Belure	Member	Shankarrao Mahavidhyalya, Ardhapur Dist.Nanded vcbelure@gmail.com	9403477782
9	Dr. Pandurang Ramrao Muthe	Member	Yeshwant Mahavidhyalya Nanded ajaymeco82@gmail.com	9421359542
10	Dr. Balaji Tulshiram Ghute	Member	Dayanand College of Arts, Latur btghute@gmail.com	8329408608
11	Dr. Anil Digambar Wadkar	Member	Kumar Swami Mahavidyalaya AUSA Dist. Latur adwadkar1983@gmail.com	9822411978

About the School of Social Sciences:

"We welcome you to the School of Social Sciences' Postgraduate course in Applied Economics as per New Educational Policy of 2020!

The School of Social Sciences was established in 1994 and has been in the forefront of Academic and Field Innovations in the Marathwada Region, State and Country at large. The School of Social Sciences had been consistently upgrading its curriculum to make it more responsive to the social challenges and trends in the country.

The School is well-known for its Teaching, Research, Extension Activities, Instructional programmes as well as innovative field action projects. The School has highly qualified and field grounded faculty. The faculty is constantly engaged in advance research and field work for the development of Students and the region. Several high quality publications and research papers have been produce by the faculty members.

Thus the vision and mission of the School of Social Sciences is to provide an academically conducive environment which will prepare globally competent graduate and post graduate for the professional world.

As we embark on the academic year 2023-24, we are excited to offer this comprehensive program designed to equip students with a deep understanding of economic theories and their practical applications in real-world scenarios.

About the Programme:

The Master of Arts in Applied Economics is a comprehensive Post Graduate Program that equips students with a deep understanding of economic theories and their practical applications in various real-world contexts. The program offers a diverse curriculum covering key areas such as Microeconomics, Macroeconomics, Public Economics, Econometrics, International Economics, Statistics, Finance, Development, Gender, and Law and Economics etc.

Through a blend of rigorous coursework and practical training, students develop analytical skills and a solid foundation in economic principles. The program places a strong emphasis on the applied nature of economics, focusing on how economic theories and methodologies can be effectively employed to address complex economic challenges and inform policy decisions.

The coursework covers microeconomic and macroeconomic theories, providing students with a comprehensive understanding of individual and aggregate economic behavior. Econometrics and statistics courses enable students to apply quantitative methods and empirical analysis to examine economic phenomena and derive meaningful insights from data. Students also delve into specialized areas such as public economics, international economics, finance, development, gender, and law and economics, gaining expertise in these important fields.

The program prepares students to become proficient in conducting economic research, policy analysis, and program evaluation. Graduates of the program are equipped with the skills to analyze economic data, evaluate policy implications, and make informed decisions in various sectors, including government, non-profit organizations, financial institutions, consulting firms, and international organizations.

Overall, the M.A. Applied Economics program provides a well-rounded education in economics with a practical focus, empowering students to apply economic principles and tools to address real-world economic challenges and contribute to evidence-based decision-making.

Objectives of the Programme: In keeping with the reforms in the economic system and the market structure, this Programme provides in depth knowledge in the subject matter of economics. Not only understanding of theories and principles of economics but also to apply the principles and theories of economics in practical situations. This is useful in today's globalised economic environment. Similarly, there is importance for industry-academic interaction. Applied Economics Programme makes much of all students to learn in detail crucial concepts, current national and international events, policy of government, budget, tools and techniques of econometrics for forecasting. Thus, whatever contents are taught by us, on that basis, students are given to an assignment practically in society through field work, mini project, case studies etc. In this regard, some of the subjects having huge demand in job market like banking and finance, foreign trade and international finance, computer application in economic analysis with practical training, statistical, mathematical and econometrical tools, stock market transactions, taxation. This course uses to student for planning and schedule of various works or projects, making efficient use of computers in data analysis and also use of internet to manipulate text and data, review of literature.

Outcome of the Programme: After completing this programme, student will be able to solve economic issue with the help of statistical and mathematical techniques and will be capable to understand economic concept in a simple way. They may join as officer in planning and economic field because the courses which provides deep knowledge about methodology and policy implication. They will be become as consultant for handling data feeding, coding and interpretation of various institutions. The courses of Statistical, mathematical and econometric provide forecasting information about the commodity. In this connection, more opportunities are available of students who are available of content knowledge with application through econometric software. Apart that, revising the content of the course, latest modern teaching aid and techniques like, LCD projectors and ICT enabled active board are used for imparting the knowledge to student. These include innovative methods like small group seminars which would encourage the students to prepare a paper by themselves and communicate their ideas by presenting the same before the audience.



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Applied Economics

Credit Framework of Two-Year PG Programme

Year & Level 1	Sem. 2	Major Subject		R M 5	OJT / FP 6	Research Project 7	Credits 9	Total Credits 10
		(DSC) 3	(DSE) 4 Elective					
1	1	HECOC511 (4 Cr) Applied Microeconomics –I HECOC512 (4 Cr) Applied Macroeconomics-I HECOC513 (4 Cr) International Trade Theory and Policy	HECOE511 (4 Cr) Analysis of Population Dynamics OR HECOE512 Indian Financial System OR HECOE513 Industrial Economy of India	HECOR 511 (4 Cr) Research Methodol ogy	--	----	20	40
	2	HECOC561 (4 Cr) Applied Micro Economics –II HECOC562 (4 Cr) Applied Macroeconomics-II HECOC563 (4 Cr) International Macroeconomics	HECOE561 (4 Cr) Economics of Migration and Urbanization OR HECOE562 (4 Cr) Capital Market OR HECOE563 (4 Cr) Gender Economics	---	HECOF5 61 (4 Cr) Field Project / OJT	--	20	
Exit option: PG Diploma <i>(after three year Degree)</i>								

	3	HECOC611 (4 Cr) Public Economics-I HECOC612 (4 Cr) Basic Econometrics HECOC613 (4 Cr) Statistical Methods	HECOE611 (4 Cr) Development Theory and Measurement HECOE612 (4 Cr) Law and Economics HECOE613 (4 Cr) Indian Economy	--		Research Project (Field Survey) HECOF611 (4 Cr)	20	40
	4	HECOC661 (4 Cr) Public Economics-I HECOC662 (4 Cr) Advanced Econometrics HECOC663 (2 Cr) Fundamentals of MS-Excel and SPSS	HECOE661 (4 Cr) Population and Economics of Health Care HECOE662 (4 Cr) Agricultural Economics HECOE663 (4 Cr) Economics of Insurance	---		HECOR661 (6 Cr)	20	
Total Credits		46	16	04	04	10	80	



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major ó Applied Economics

Post Graduate -First Year Programme of Semester I (*Level 6*)

Teaching Scheme

	Course Code	Course Name	Credits Assigned			Teaching Scheme (Hrs./ week)		Total
			Theory	Practical	Total	Theory	Practical	
Major	HECOC511	Applied Microeconomics-I	04	--	04	04	----	04
	HECOC512	Applied Macroeconomics-I	04	---	04	04	----	04
	HECOC513	International Trade Theory and Policy	04	--	04	04	---	04
Major -Electives	HECOE511	Analysis of Population Dynamics	04	--	04	04	---	04
	HECOE512	OR Indian Financial System						
	HECOE513	OR Industrial Economy of India						
Research Methodology	HECOR511	Research Methodology	04	----	04	04	----	04
Total Credits			20	--	20	20	---	20



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major ó Applied Economics

Post Graduate -First Year Programme of Semester II (Level 6)

Teaching Scheme

	Course Code	Course Name	Credits Assigned			Teaching Scheme (Hrs./ week)		
			Theory	Practical	Total	Theory	Practical	Total
Major	HECOC561	Applied Microeconomics-II	04	--	04	04	----	04
	HECOC562	Applied Macroeconomics-II	04	---	04	04	----	04
	HECOC563	International Macroeconomics	04	--	04	04	---	04
Major - Electives	HECOE561	Economics of Migration and Urbanization OR	04	--	04	04	---	04
	HECOE562	Capital Market OR						
	HECOE563	Gender Economics						
Field Project	HECOF651	Field Project/On Job Training	04	----	04	04	-----	04
Total Credits			20	--	20	20	---	20



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major 6 Applied Economics

Post Graduate -First Year Programme of Semester I (Level 6)
Examination Scheme

[20% Continuous Assessment (*CA*) and 80% End Semester Examination (*ESE*)]

Subject (1)	Course Code (2)	Course Name (3)	Theory				Total Col. (6+7) / (09)	
			Continuous Assessment (CA)			ESE		
			Test I (4)	Test II (5)	Assignment (6)	Avg of T1+T2+Assi./3 (7)		Total (8)
Major	HECOC511	Applied Microeconomics-I	20	20	20	20	80	100
	HECOC512	Applied Macroeconomics-I	20	20	20	20	80	100
	HECOC513	International Trade Theory and Policy	20	20	20	20	80	100
Major -Electives	HECOE511	Analysis of Population Dynamics	20	20	20	20	80	100
	HECOE512	Indian Financial System						
	HECOE513	Industrial Economy of India						
Research Methodology	HECOR511	Research Methodology	20	20	20	20	80	100



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major ó Applied Economics

Post Graduate -First Year Programme of Semester II (Level 6)
Examination Scheme

[20% Continuous Assessment (CA) and 80% End Semester Examination (ESE)]

Subject (1)	Course Code (2)	Course Name (3)	Theory					Total Col. (6+7) / (09)
			Continuous Assessment (CA)			ESE		
			Test I (4)	Test II (5)	Assignment (6)	Avg of T1+T2+Assi /3 (7)	Total (8)	
Major	HECOC561	Applied Microeconomics-II	20	20	20	20	80	100
	HECOC562	Applied Macroeconomics-II	20	20	20	20	80	100
	HECOC563	International Macroeconomics	20	20	20	20	80	100
Major - Electives	HECOE561	Economics of Migration and Urbanization	20	20	20	20	80	100
	HECOE562	OR Capital Market						
	HECOE563	OR Gender Economics						
Field Project	HECOF561	Field Project/On Job Training	20	20	20	20	80	100

Core Course : Major (4 Credits)

1. Continuous Assessment (CA) 20 Marks : (Test 1 for 20 marks+ Test 2 for 20 marks + One home assignment 20: Average of T1 + T2 + Assi = 60/3=20)
2. End of Semester Examination (E.S.E) = 80 Mark



SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

Faculty of Humanities First Year

Subject: Applied Economics

End of Semester Examination (ESE)

Question Paper Pattern (4 Credits)

Paper Name:, Paper Code:

Time: 03 Hours, Marks : 80 (As Per NEP-2020)

Note: End Semester Examination assessment (80% of the Maximum Marks):

1. ESE Question paper will consists of 6 questions (each carry 20 marks)
2. Students are required to solve a total of 4 Questions
3. Question No.1 will be compulsory and shall be based on entire syllabus.
4. Students need to solve ANY THREE of the remaining Five Questions (from Q. No. 2 to 6) and shall be based on entire syllabus.

Q.1) Short Answer Questions (Compulsory) (20 Marks)

- A)
- B)
- C)
- D)
- E)

(Note: 5 sub-questions (each carry 4 marks) will be asked under Q. No. 1 and there will be at least one sub-question from every chapter, students must attempt all these sub questions)

Q.2) Descriptive Question (20 Marks)

Q.3) Descriptive Question (20 Marks)

Q.4) Descriptive Question (20 Marks)

Q.5) Descriptive Question (20 Marks)

Q.6) Descriptive Question (20 Marks)

(Solve Any Three Questions from Q. No. 2 to 6) (60 Marks)

Total = (80 Marks)

Guidelines for Course Assessment:

A. Continuous Assessment (CA) (20% of the Maximum Marks):

This will form 20% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **Two Tests and one Assignment**. Average of marks scored in these two tests and one assignment of a theory paper will make CA. *For Field Project/On Job Training a Presentation of 20 Marks will be taken.

B. Assessment of Term Work/ Tutorial/Field Works:

At least 08 test / assignments covering entire syllabus must be given during the class wise tutorial. The assignments should be students centric and attempts be made to make assignments more meaningful, interesting and innovative.

Term work assessment must be based on overall performance of the student with every assignments graded time to time. The grades be converted to marks as per credit and grading system manual and should be added and averaged.

Note: Number of lectures required to cover syllabus of a course depend on number of credit assigned to it. For example, for a two credit course, 30 lectures each of one hour duration are assigned, while that for a three credit course 45 Lectures and for a four credit course 60 lectures.

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Swami Ramanand Teerth Marathwada University, Nanded

*Faculty of Humanities Major Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-I*

Course Code: HECOC511 (4 Cr) Title: Applied Microeconomics –I
Curriculum Details: (for 4 Credits)

Course Prerequisites:

- Fundamental knowledge of Economics
- Basic knowledge of Mathematical Economics

Course Objectives:

- 1) To impart knowledge about the theoretical and practical approach of Micro Economics
- 2) To understand micro economics with the help of mathematical concepts
- 3) To discuss recent developments in micro economics
- 4) To teach students the behavior of consumer and producer when they are in market economy

Course Outcomes:

- 1) Students will be able to observe the behavior of consumer and producer in current economy.
- 2) Students will be capable to take proper decisions when the demand or supply of any commodity changes in certain period.
- 2) Students will be solved any cost, production, and price related issues of any industry through using mathematical techniques.



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major Applied Economics

Post Graduate Applied Economics First Year Programme, Semester-I

Course Code: HECOC511 (4 Cr) Title: Applied Microeconomics –I

Curriculum Details: (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.
1.0		Approaches to Economics and Utility	12
	1.1	Micro and Macro Approach; Partial and Total Analysis; Methods of Economic Analysis: Deductive and Inductive method and Scientific method; Economic Model Building.	
	1.2	Cardinal Utility Approach: Law of Diminishing Marginal Utility; Law of Equi-Marginal	
	1.3	Ordinal Utility Approach: Marginal Rate of Substitution; Budget Line;	
	1.4	Income effect; Price effect and substitution effect; Hicksian Approach; Slutsky Approach.	
2.0		Recent Developments in Demand Theory	12
	2.1	Elasticity of Demand; Consumer's Surplus; Revealed Preference Theory	
	2.2	Hicks's Logical Ordering Theory of Demand; Chamberlin's Goods Characteristic Approach;	
	2.3	Lancaster's Approach to Consumer Theory	
	2.4	Consumer's Choice Under Risk and Uncertainty-Bernoulli's Hypothesis and St. Petersburg Paradox.	
3.0		Theory of Production and Cost	12
	3.1	Law of Variable Proportions; Three Stages of the Law of Variable Proportions; Isoquant;	
	3.2	Marginal Rate of Technical Substitution; Returns to scale; Increasing, constant, decreasing and varying returns to scale;	
	3.3	Traditional Costs Theory-Short-Run Analysis and Long-Run Analysis	
	3.4	Modern Costs Theory- Short-Run and Long-Run Analysis; <u>Some mathematical Problems.</u>	
4.0		Market Structures and Objectives of the Firm	

	4.1	Classification of Market Structures; Perfect Competition,	12
	4.2	Monopolistic, Oligopoly	
	4.3	Monopoly- Concepts of Average Revenue and Marginal Revenue;	
	4.4	Objectives of the Firm: Profit Maximisation; Alternatives to Profit Maximisation objectives.	
5.1		Mathematical problems	12
	5.1	Rules of Derivatives, Market Demand Function	
	5.2	Elasticity of Demand, Cost difference and Slutsky substitution effect	
	5.3	Production function cost function	
	5.4	Marginal Revenue Function	
Total			60

Text Books

- 1) K.N. Verma (2021) Micro Economic Theory (Fifth Edition). Vishal Publishing Co. Jalandhar, Delhi.
- 2) N. Gregory Mankiw (Dec 2013), Principles of Microeconomics, 7th edition, South-western college publishing, New Delhi.
- 3) H.L. Ahuja (2017), Advanced Economic Theory, S. Chand Publishing, Twenty First edition, New Delhi.
- 4) H.L. Ahuja (2016), Principles of Microeconomics, S. Chand Publishing, Seventy second edition, New Delhi.
- 5) Dwivedi D.N. (2016), Microeconomics Theory and Applications, Vikas Publishing House, New Delhi.
- 6) D.M. Mithani (2005) Microeconomics, Himalaya Publication House, New Delhi.
- 7) R. Veerachamy (2008), Quantitative Methods for Economics, second edition, New Age International Publishers, Hyderabad.
- 8) Sarat Chandra Patra (2010), Mathematical Techniques for Economic Analysis, First edition, Himalaya Publishing House, Hyderabad.

Reference Books:

- 1) Prajapati Trivedi (2022) , Applied Microeconomics for Public Policy Makers: A Provisional Text, International Management Publishers; Ist edition, New Delhi.
- 2) R.K. Mandal (2022), Microeconomic Theory, second revised and enlarged edition, Atlantic publishers and distributors, New Delhi.
- 3) Robert Pindyck and Daniel Rubinfeld (2017), Micro Economics, Pearson education, eight edition, Uttarpradesh.
- 4) Sreejata Banerjee Robert S Pindyck, Daniel I, Rubinfeld (2022), Microeconomics, pearson education, 9th edition, Uttarpradesh.
- 5) Walter Nicholson and Christopher Snyder (2017), Microeconomic Theory: Gasic Principles and Extensions; Cengage India Private limited, Uttarpradesh.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-I
Course Code: HECOC512 (4 Cr) Title: Applied Macroeconomics –
I
Curriculum Details: (for 4 Credits)

Course Prerequisites:

- Basic knowledge and difference of microeconomics and macroeconomics
- Understanding of mathematical concepts and statistical methods
- Familiarity with economic theories and models.
- Fundamental economic problem

Course Objectives:

- 1) To provide students with a comprehensive understanding of the functional relationship between the large aggregates.
- 2) To analyzing the flow and different equilibrium level of national income in different economic sector.
- 3) To determine the relationship between National Income, Consumption, Saving and Investment.
- 4) To examine the theory of consumption and investment and its implication
- 5) To apply theoretical frameworks to real-world scenarios in macroeconomics.

Course Outcomes

After completion of this course the Students will be able to:

- 1) Establish the functional relationship between the large aggregates. Which help the students to understand different macroeconomics issues in detail.
- 2) Analyze and evaluate the different concepts national income
- 3) Evaluate equilibrium level of national income by using the consumption and saving function.
- 4) Explain the consumption, saving and Investment theories and evaluate the entire concept on practically.
- 5) Develop effective written and oral communication skills to present and discuss on National Income, Consumption, Saving, and Investment of the country.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-I
Course Code: HECOC512 (4 Cr) Title: Applied Macroeconomics –

I

Curriculum Details: (for 4 Credits)

Module No	Unit	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.
1.0		Brief Background of Macro Economics	
	1.1	Meaning and Scope of Macroeconomics	12
	1.2	The Origin and Roots of Macro Economics	
	1.3	The major Issues and Concerns of Macro Economics	
	1.4	Importance of Macro Economics	
2.0		Determination of National Income:	
	2.1	Circular flow of National income	12
	2.2	Measurements and different Concept of National Income	
	2.3	Keynesian theory of employment : Principle of Effective Demand	
	2.4	Determination of equilibrium level of National income	
3.0		Consumption Function	
	3.1	Linear and non-linear consumption function	12
	3.2	Saving Function	
	3.3	Keynesian theory of consumption	
	3.4	Post Keynesian theories of consumption	
4.0		Investment Function	
	4.1	Meaning ,types and determinants of Investment	12
	4.2	Theory of Multiplier	
	4.3	Acceleration Model	
	4.4	NeoClassical Theory of Investment	
5.1		Application and Calculation Exercises (based on previous units)	
	5.1	Calculation of National Income	12
	5.2	Estimation of GNP Deflator by using Nominal and Real GNP	
	5.3	Calculations in consumption ,saving and Investment function	
	5.4	Finding the Equilibrium level of national income using consumption and investment function	
Total			60

Text Books

- 1) Shapiro, E. (1996), Macroeconomic Analysis, Galgotia Publications, New Delhi.
- 2) Rana and Verma ,(11th edition 2016) ,Macro Economic Analysis ,Vishal Publication ,Jalandhar ,Delhi.
- 3) H.L.Ahuja ,Macroeconomics : Theory and Policy ,S.Chand and company limited ,New Delhi.20th Edition (2019).
- 4) M.L.Jhingan ,Principle of Economics ,Vrinda Publication (P),LTD, New Delhi.
- 5) Dr.J.P.Mishra , Macroeconomics ,Sahitya Bhavan Publication ,Agra

Reference Books:

- 1) Ackley, G. (1978), Macroeconomics: Theory and Policy, Macmillan, New York.
- 2) Blackhouse, R. and A. Salansi (Eds.) (2000), Macroeconomics and the Real World (2 Vols.), Oxford University Press, London.
- 3) Branson, W. a. (1989), Macroeconomic Theory and Policy, (3rd Edition), Harper and Row, New York.
- 4) Dornbusch, R. and F. Stanley (1997), Macroeconomics, McGraw Hill, Inc., New York.
- 5) Hall, R. E. and J. B. Taylor (1986), Macroeconomics, W. W. Norton, New York.
- 6) Heijdra, B. J. and V. Frederick (2001), Foundations of Modern Macroeconomics, Oxford University Press, New Delhi.
- 7) Rao, V. K. R. V. (1983), India's National Income: 1950 to 1980, Sage Publications, New Delhi.
- 8) Duesenberry, J. S. (1949), Income, Saving and the Theory of consumer Behaviour, Harvard University Press, Harvard.
- 9) Gordon, R. and S. G. Harris (1998), Macroeconomics, Addison Wesley.
- 10) Culbertson, J. M. (1968), Macroeconomic Theory and Stabilization Policy, McGraw Hill, Kogekosh, Tokyo.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-I

Course Code: HECOC513, Title: International Trade Theories and Policies

Curriculum Details: (for 4 Credits)

Course Prerequisites:

Basic knowledge of microeconomics and macroeconomics
Understanding of mathematical concepts and statistical methods
Familiarity with economic theories and models

Course Objectives:

- 1) To provide students with a comprehensive understanding of the prominent trade theories in international economics.
- 2) To analyze the causes and consequences of trade restrictions and their impact on economies.
- 3) To examine the theory of economic integration and its implications for participating countries.
- 4) To develop critical thinking and analytical skills to evaluate trade-related issues and policies.
- 5) To apply theoretical frameworks to real-world scenarios in international economics.

Course Outcomes: By the end of this course, students will be able to

- 1) Demonstrate a deep understanding of the major trade theories in international economics.
- 2) Analyze and evaluate the effects of trade restrictions on economic welfare and trade patterns.
- 3) Explain the concept of economic integration and evaluate its impact on participating countries.
- 4) Apply economic principles and quantitative methods to assess the impact of trade policies on various stakeholders.
- 5) Develop effective written and oral communication skills to present and discuss trade-related issues.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-I

Course Code: HECOC513, Title: International Trade Theories and Policies
Curriculum Details: (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.
1.0		Brief Background of International Economics	12
	1.1	Definition and scope of international economics	
	1.2	Historical development of international trade	
	1.3	Benefits and challenges of international trade	
	1.4	Trade patterns and globalization	
2.0		Classical and Neoclassical Trade Theories	12
	2.1	Mercantilism and absolute advantage	
	2.2	Comparative advantage and gains from trade	
	2.3	Factor proportions theory (Heckscher-Ohlin model)	
	2.4	International trade and economic development	
3.0		New Trade Theories	12
	3.1	Economies of scale and imperfect competition	
	3.2	Product differentiation and monopolistic competition	
	3.3	Strategic trade policy and industrial policy	
	3.4	Global value chains and intra-industry trade	
4.0		Trade Restriction Policies	12
	4.1	Tariffs and their economic effects	
	4.2	Non-tariff barriers (quotas, subsidies, voluntary export restraints)	
	4.3	Trade remedies (anti-dumping, countervailing duties, safeguards)	
	4.4	Trade liberalization and regional trade agreements	
5.1		Application and Calculation Exercises	12
	5.1	Calculation of comparative advantage and opportunity costs	
	5.2	Analysis of the effects of tariffs on consumer and producer surplus	
	5.3	Evaluation of trade policies using partial equilibrium models	
	5.4	Assessing the welfare effects of trade restrictions	
Total			60

Text Books

- 1) Agarwal, M. R. (2016). International Economics: Trade and Finance (16th ed.). New Delhi, India: Vikas Publishing.
- 2) Appleyard, D. R., Field, A. J., & Cobb, S. L. (2017). International Economics (9th ed.). Boston, MA: McGraw-Hill Education.
- 3) Daniels, J. D., Radebaugh, L. H., & Sullivan, D. P. (2018). International Business: Environments and Operations (16th ed.). Boston, MA: Pearson
- 4) Bhagwati, J. N., Panagariya, A., & Srinivasan, T. N. (2014). Lectures on International Trade (2nd ed.). Cambridge, MA: MIT Press.

Reference Books:

- 1) Krugman, P., Obstfeld, M., & Melitz, M. (2018). International Economics: Theory and Policy (11th ed.). Boston, MA: Pearson.
- 2) Salvatore, D. (2017). International Economics (12th ed.). Hoboken, NJ: Wiley.
- 3) Feenstra, R. C., & Taylor, A. M. (2017). International Trade (4th ed.). New York, NY: Worth Publishers.
- 4) Sarkar, S. (2019). International Trade Theory and Policy: A Practitioner's Guide (2nd ed.). New Delhi, India: Oxford University Press.
- 5) Das, D. K. (2019). International Trade Theory and Policy (3rd ed.). New Delhi, India: Cambridge University Press.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-I
Course Code: HECO511, Title: Analysis of Population Dynamics

Curriculum Details: (for 4 Credits)

Course Prerequisites:

- Basic knowledge of economics and statistics.
- Familiarity with mathematical and statistical tools used in economics.
- Understanding of microeconomics and macroeconomics concepts

Course Objectives:

- 1) To provide students with a solid foundation in population studies, focusing on fertility, mortality, nuptiality, and morbidity.
- 2) To develop analytical and quantitative skills necessary for studying demographic trends and their impact on economic variables.
- 3) To enable students to analyze and interpret demographic data using appropriate statistical techniques.
- 4) To explore the application of population studies in the field of applied economics.
- 5) To enhance students' ability to critically evaluate research papers and reports related to population issues

Course Outcomes: By the end of this course, students will be able to

- 1) Understand the fundamental concepts and theories of fertility, mortality, nuptiality, and morbidity.
- 2) Apply appropriate statistical techniques to analyze demographic data.
- 3) Evaluate the economic implications of population trends and changes.
- 4) Conduct independent research on population-related topics within the framework of applied economics.
- 5) Critically assess and interpret research papers and reports on population studies.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-I
Course Code: HECO511, Title: Analysis of Population Dynamics
Curriculum Details: (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.
1.0		Dynamics of Fertility	12
	1.1	Demographic Transition Theory and Fertility: Understanding Patterns and Transitions in Reproductive Behavior	
	1.2	Determinants of Fertility: Exploring Socioeconomic, Cultural, and Environmental Factors Influencing Birth Rates	
	1.3	Indicators of Fertility: Analyzing Crude Birth Rate, Total Fertility Rate, and Age-Specific Fertility Rates	
	1.4	Fertility Policies and Interventions: Evaluating Strategies and Assessing their Impact on Population Dynamics	
2.0		Mortality Analysis	12
	2.1	Mortality Indicators: Assessing Crude Death Rate, Age-Specific Death Rates, and Infant Mortality Rate	
	2.2	Epidemiological Transition Theory and Mortality Patterns: Examining Health Transitions and Their Effects on Mortality	
	2.3	Determinants of Mortality: Analyzing Socioeconomic Factors, Healthcare Access, and Environmental Conditions	
	2.4	Public Health Interventions and Policies: Evaluating the Effectiveness of Strategies in Reducing Mortality Rates	
3.0		Nuptiality Dynamics	12
	3.1	Marriage Patterns and Trends: Exploring Changing Dynamics in Matrimonial Behavior	
	3.2	Marriage and Divorce Rates: Measuring and Interpreting Indicators of Nuptiality	
	3.3	Socioeconomic and Cultural Determinants of Nuptiality: Understanding Factors Influencing Marriage Rates	
	3.4	Changing Marriage Patterns and Economic Implications: Assessing the Socioeconomic Consequences of Shifting Marital Behavior	

4.0		Morbidity Analysis	12
	4.1	Indicators of Morbidity: Evaluating Prevalence and Incidence Rates of Health Conditions	
	4.2	Social and Economic Determinants of Morbidity: Examining Factors Impacting Health and Disease Patterns	
	4.3	Disease Patterns: Analyzing Communicable and Non-Communicable Diseases and Their Impact on Populations	
	4.4	Healthcare Policies and Interventions: Assessing the Effectiveness of Policies in Reducing Morbidity Rates	
5.1		Application and Calculation Exercises (based on previous units)	12
	5.1	Measurement Techniques and Analysis: Applying Statistical Methods to Analyze Population Indicators and Trends	
	5.2	Calculating Fertility Rates: Understanding Total Fertility Rate and Age-Specific Fertility Rates Calculation Methods	
	5.3	Analyzing Mortality Data: Utilizing Crude Death Rate and Age-Specific Death Rates in Population Analysis	
	5.4	Nuptiality and Morbidity Measurement: Examining Marriage Rates and Disease Prevalence as Key Demographic Indicators.	
Total			60

Text Books

- 1) Keyfitz, N., & Caswell, H. (2005). Applied Mathematical Demography (3rd ed.). Springer.
- 2) Bloom, D. E., Canning, D., & Sevilla, J. (2003). The Demographic Dividend: A New Perspective on the Economic Consequences of Population Change. RAND Corporation.
- 3) Jejeebhoy, S. J. (1995). Women's Education, Autonomy, and Reproductive Behaviour: Experience from Developing Countries. Oxford University Press.
- 4) Bhattacharya, B. N. (2011). Demography and Health Profile of the Tribals: A Study of the Santals. Kamla-Raj Enterprises.

Reference Books:

- 1) Caldwell, J. C., & Caldwell, P. (2006). Fertility Transition in Developing Countries: Selected Topics. Sage Publications.
- 2) Das Gupta, P. (1996). Death Clustering, Mothers' Education, and the Determinants of Child Mortality in Rural Punjab, India. Population Studies, 50(3), 307-321.
- 3) Dyson, T., & Moore, M. (1983). On Kinship Structure, Female Autonomy, and Demographic Behavior in India. Population and Development Review, 9(1), 35-60.
- 4) Preston, S. H., Heuveline, P., & Guillot, M. (2001). Demography: Measuring and Modeling Population Processes. Blackwell Publishers.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-I
Course Code: HECO512 Title: Indian Financial System
Curriculum Details: (for 4 Credits)

Course Prerequisites:

- Basic knowledge of Finance concepts
- Fundamental knowledge of mathematical concepts

Course Objectives:

- 1) To teach how Indian financial system works in India
- 2) To tell students about the importance of investment for individual as well as society also.
- 3) To aware students regarding new financial products and services in India
- 4) To provide students fundamental and technical knowledge of share market

Course Outcomes:

- 1) Students will be able to learn Indian financial system
- 2) Students may get employability in financial market, financial services or financial institutions as employees
- 3) Student can development his or her own strategy to analysis about the portfolio management



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-I
Course Code: HECO512 Title: Indian Financial System
Curriculum Details: (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.
1.0		Financial Institutions	12
	1.1	All India Development Banks, IFCI, IDBI, ICICI, IIBIL, IRBI, SIDBI, IDFC	
	1.2	State Level Development Banks; SFCs, SIDCs-Functions.	
	1.3	Reserve Bank of India (RBI): Bank Rate, CRR., SLR, Repo Rate and Reverse Repo Rate	
	1.4	Commercial Banks-Public, Private, Foreign, RRB, Co-operative bank .	
2.0		Recent Trends in Indian Banking	12
	2.1	Types of Financing: takeout financing, revolving credit facility, evergreening of loan, syndicated loan, bridge loan, consortium finance, preferred financing, gurantee services/ nonfund based business.	
	2.2	Repayment methods: bullet payment and balloon payment system; venture capital, deposit insurance scheme; gold deposit scheme	
	2.3	Banking and Technology; Delivery channels of Banking sector; Internet Banking	
	2.4	E-Banking; Electronic Banking in India; Computerization of Bank Branches.	
3.0		Personal Wealth Management	12
	3.1	Personal wealth management- Your vision and mission, Assets, Asset Class and Asset Allocation, Immovable Property- Real Estate.	
	3.2	Movable Properties, Government Bond and other securities, Deposits-Banks and Corporate.	
	3.3	Mutual Funds, Share Market, Gold, Derivaties and Commodities Market, business ventures.	
	3.4	Liabilities- Personal and family obligations, Insurance-Life, Health, General, scams-beware	
4.0		Money Market	

	4.1	Meaning and the concept, structure of money market, sub-markets of money market.	12
	4.2	Characteristics of a developed money market; significance/functions of money market;	
	4.3	Money market instruments; features of Indian money market	
	4.4	The reforms in the Indian Money Market	
5.1		Financial Ratios	12
	5.1	Market Value, Earnings	
	5.2	Profitability, Liquidity	
	5.3	Leverage ,Debt Service Capacity	
	5.4	Asset Management/Efficiency, Margins	
Total			60

Text Books

- 1) Shashi K Gupta, Nisha Aggarwal, Neeti Gupta (2007) revised edition, Financial Institutions and Markets, kalyani publication, Hyderabad.
- 2) S. Natarajan, Dr. R. Parameswaran, (2017) reprint, Indian Banking, S. Chand and Company limited New Delhi.
- 3) M. Ganeshan (2012), Personal Wealth Management-A complete Guide, Himalaya Publishing House, New Delhi.
- 4) Raghu palat (2008) reprinted, Fundamental Analysis for Investors, vision books, New Delhi.

Reference Books:

- 1) Appannaiah Reddy, Mukund Sharma (2011) fourth edition, Financial Services, Himalaya Publishing House Delhi.
- 2) Dr. S.B. Deodhar, Aditi A. Abhyankar (2012) sixth revised edition, Indian Financial System, Himalaya Publishing House, New Delhi.
- 3) Allen, Franklin and Douglas Gale (2000), Comparing Financial System, MIT press, Cambridge.
- 4) Bhole L.M. (1999), Financial Institutions and Markets, Structure, Growth and Innovation, Tata McGraw-Hill New Delhi.
- 5) Avadani V.A. (1978) Studies in Indian Financial System, Jaico, Bombay.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-I
Course Code: HECO513 Title: Industrial Economy of India

Course Prerequisites:

- Basic knowledge of microeconomics and macroeconomics.
- Familiarity with economic theories and models.
- Fundamental economic problems.

Course Objectives:

- 1) To understand the importance of the industrial economics in economic development and its relationship with various economic sector.
- 2) To illustrate the organisational pattern of industry in different sectors in India.
- 3) To provide students with a comprehensive understanding the industrial development in India
- 4) To analyze the different industrial policies in India and its implication on Industrial Development in India
- 5) To understand the industrial finance by different sector in India

Course Outcomes

After completion of this course the Students will be able to:

- 1) Examine the linkages between industries and other sector of the economy which will help to know the role of industry in economic development.
- 2) Analyze the organisational pattern of industry in different sectors in India.
- 3) Evaluate the development status of different industries in India
- 4) Analyze the different industrial policies in India and its implication on Industrial Development in India
- 5) Examine the status of industrial finance by different sector in India



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-I
Course Code: HECO513 Title: Industrial Economy of India

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.
1.0		Introduction to Industrial Economics in India	12
	1.1	Industry and Economic Development	
	1.2	Linkages between Industry and other Sector	
	1.3	Classification of Industries	
	1.4	Proprietary based Classification of Industry	
2.0		Industrial Organization and Ownership Structure in India	12
	2.1	Industrial Organization in Private Sector	
	2.2	Industrial Organization in Public Sector	
	2.3	Industrial Organization in Joint Sector	
	2.4	Industrial Organization in Co-operative Sector	
3.0		Industrial Development In India	12
	3.1	Importance and status of Micro ,Small and Medium enterprises in India	
	3.2	Development policies of Micro ,Small and Medium enterprises in India	
	3.3	Large scale Industries In India	
	3.4	Multinational Companies in India	
4.0		Industrial policy and Economic Reforms	12
	4.1	Industrial Licensing Policy	
	4.2	Industrial Policy 1991 in India	
	4.3	Industrial Policy 2001 in India	
	4.4	Current industrial policy in India.	
5.1		Industrial Finance in India	12
	5.1	Role of Capital Market in Industrial Sector	
	5.2	Role of Money Market in Industrial Sector	
	5.3	Financial Institutions : IFCI, IDBI, IRCI, UTI	
	5.4	Foreign Financial Institutions	
Total			60

Text Book:

- 1) R.R.Bhartwal , Industrial Economics: An Introductory textbook, New Age International Private Limited , Fourth Edition ,2021.
- 2) Agrawal and Balasuhbramniium , Industrial Economics and Management Prinoiples ,Pragati Prakashan ,Meerat .
- 3) Datta &Sundaram ,Indian Economy ,S.Chand & Company ltd,New Delhi .
- 4) Dr.C.B.Mamoria and Dr.P.K.Shrivastav ,Industrial Economics ,Sahitya Bhavan ,Agra .

Reference Book:

- 1) Stephen, Martin. Advanced industrial economics. Oxford, UK: Blackwell, 1993.
- 2) Clarke, Roger. Industrial economics. Oxford, OX, UK: B. Blackwell, 1985.
- 3) Martin, S. Industrial economics: Economic analysis and public policy. Bristol: Collier Macmillan, 1988.
- 4) Martin, Stephen. Industrial Economics: Economic Analysis and Public Policy. MacMillan, 2001.
- 5) Ferguson, Paul R. Industrial Economics. 2nd ed. Palgrave Macmillan, 1994.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-I
Course Code: HECOR511 Title: Research Methodology
Curriculum Details: (for 4 Credits)

Course Prerequisites:

- Basic knowledge of economic variables
- Fundamental statistics for quantitative analysis
- Know about MS Excel and SPSS for data analysis

5) Course Objectives:

- 6) To teach importance of research in economics
- 7) To tell students about qualitative and quantitative methods of research
- 8) To aware students regarding copy right act and plagiarism

Course Outcomes:

- 4) Students will be able to learn qualitative and quantitative variables in economy
- 5) Students can provide consultancy on the basis of giving training to other researcher regarding quantitative analysis by software.
- 6) Student can development his or her own strategy to decide how to write research dissertation
- 7) Student can get the knowledge of field work



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-I
Course Code: HECOR511 Title: Research Methodology
Curriculum Details: (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.
1.0		Scientific Research:Types and Methods	12
	1.1	Science and Common Sence, Characteristics of Scientific research, steps in scientific research.	
	1.2	Types of scientific research, Methods of scientific research-qualitative and quantitative method.	
	1.3	Types of variables, Measurement of variables, Hypothesis , difference between a hypothesis , a proposition and a theory.	
	1.4	Types of hypothesis , testing hypothesis	
2.0		Designing of Research	12
	2.1	Problems formation and Developing research question,	
	2.2	Selection of research topic, source of selection	
	2.3	Goals of research design, phases in research design	
	2.4	Design for different types of research, stages for outlining a research proposal	
3.0		Sampling and Data collection	12
	3.1	Meaning, Purpose of Sampling, types of sampling	
	3.2	Questionnaire and Interview Schedule	
	3.3	<u>Interview; types, merit and demerits</u>	
	3.4	Observation; types, merit and demerits	
4.0		Data Processing and Analysis	12
	4.1	Data processing, Tabulation, Diagrammatic representation	
	4.2	Report writing and presentation of data	
	4.3	Measurement and scaling technique	
	4.4	Statistical techniques	
5.1		Practical session	12

	5.1	Descriptive statistics solved in MS Excel	
	5.2	Preparation of Google Questionnaire	
	5.3	Use of SPSS in Research	
	5.4	Pilot survey	
Total			60

Text Books

- 1) Ram Ahuja (2013), Research Methods, Rawat Publications, New Delhi
- 2) R. Panneerselvam (2014) twelfth edition Research Methodology, PHI learning Private Limited, New Delhi.
- 3) V.K. Kapoor (2001), Operations Research: problems and solutions, Sultan Chand and Sons Publications, New Delhi.
- 4) Virginia Brawn and Victoria Clarke (2017), Successful Qualitative Research, Sage publication India Pvt. Limited.

Reference Books:

- 1) Sara Karo (2017), How to Publish your PhD: A Practical guide for the Humanities and Social Sciences, Sage publication India Pvt. Limited.
- 2) Paul Oliver (2017), Writing your Thesis, Sage publication India Pvt. Limited.
- 3) Bailey, Kenneth d., Methods of Social Research, second edition, New York, 1982.
- 4) Moser, Clave and Graham kalton (1980), Survey Methods in Social Investigation , second edition, Heinemann Educational Brooks, London.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-II
Course Code: HECOC561 **Title: Applied Microeconomics-II**

Course Prerequisites:

Basic knowledge of Derivative and Matrix

Fundamental knowledge of production function of Industry

Course Objectives:

- 1) To provide the knowledge of price and output under perfect and imperfect competition
- 2) To understand market structure in detail
- 3) To learn intra and inter industry relations

Course Outcomes:

- 1) Students will be able to learn numerical problems of perfect and imperfect competition
- 2) Student will be understood the industrial relations by mathematical concept
- 3) Student will be able to learn input and output relations through matrix analysis



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Applied Economics

Post Graduate Applied Economics First Year Programme, Semester-II

Course Code: HECOC561

Title: Applied Microeconomics-II

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.
1.0		Equilibrium of the Firm under Perfect Competition:	12
	1.1	Meaning of Firm's Equilibrium & Firm's Equilibrium under Perfect Competition:	
	1.2	MR-MC Approach- Short run and Long run equilibrium of the Firm under Perfect Competition;	
	1.3	Equilibrium of the Industry and Long-run supply curve under Perfect Competition.	
	1.4	Supply Curve of Industry under Perfect Competition	
2.0		Price and Output under Imperfect Competition:	12
	2.1	Individual Firm's Equilibrium under Monopolistic Competition; Long-run Firm's Equilibrium under Monopolistic Competition; Selling Costs and Advertising;	
	2.2	Characteristics of Oligopoly; Causes for the existence of Oligopolies; Approaches to determination of price and output under Oligopoly;	
	2.3	Collusive Oligopoly Model: Cartel as a Cooperative Model; Price Leadership Model	
	2.4	The Kinked Demand Curve Theory of Oligopoly.	
3.0		Price and output under Monopoly: Monopoly: Its Meaning and Conditions-	12
	3.1	The Nature and Demand and Marginal Revenue Curves under Monopoly-Price and Output Equilibrium under Monopoly,	
	3.2	Long-run equilibrium under Monopoly-Sources of Monopoly- Numerical Problems.	
	3.3	Price Discrimination & Equilibrium under Price Discrimination-Numerical Problems	
	3.4	Dumping & A Special Case of Price Discrimination	
4.0		Linear Programming	12
	4.1	Meaning of Linear Programming	
	4.2	Similarities and Differences between the traditional marginal analysis	
	4.3	Linear programming approach;	

	4.4	Simplex method	
5.0		Input Output Analysis	12
	5.1	Meaning of Input output analysis	
	5.2	Rules of Matrix	
	5.3	Assumptions of Input-output analysis;	
	5.4	Certain important theorems of Input-Output analysis	
Total			60

Text Books

- 1) K.N. Verma (2021) Micro Economic Theory (Fifth Edition). Vishal Publishing Co. Jalandhar, Delhi.
- 2) N. Gregory Mankiw (Dec 2013), Principles of Microeconomics, 7th edition, South-western college publishing, New Delhi.
- 3) H.L. Ahuja (2017), Advanced Economic Theory, S. Chand Publishing, Twenty First edition, New Delhi.
- 4) H.L. Ahuja (2016), Principles of Microeconomics, S. Chand Publishing, Seventy second edition, New Delhi.
- 5) Dwivedi D.N. (2016), Microeconomics Theory and Applications, Vikas Publishing House, New Delhi.
- 6) D.M. Mithani (2005) Microeconomics, Himalaya Publication House, New Delhi.
- 7) R. Veerachamy (2008), Quantitative Methods for Economics, second edition, New Age International Publishers, Hyderabad.
- 8) Sarat Chandra Patra (2010), Mathematical Techniques for Economic Analysis, First edition, Himalaya Publishing House, Hyderabad.

Reference Books:

- 1) Prajapati Trivedi (2022) , Applied Microeconomics for Public Policy Makers: A Provisional Text, International Management Publishers; Ist edition, New Delhi.
- 2) R.K. Mandal (2022), Microeconomic Theory, second revised and enlarged edition, Atlantic publishers and distributors, New Delhi.
- 3) Robert Pindyck and Daniel Rubinfeld (2017), Micro Economics, Pearson education, eight edition, Uttarpradesh.
- 4) Sreejata Banerjee Robert S Pindyck, Daniel I, Rubinfeld (2022), Microeconomics, pearson education, 9th edition, Uttarpradesh.
Walter Nicholson and Christopher Snyder (2017), Microeconomic Theory: Gasic Principles and Extensions; Cengage India Private limited, Uttarpradesh.



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Applied Economics

Post Graduate Applied Economics First Year Programme, Semester-II

Course Code: HECOC562

Title: Applied Macroeconomics-II

Curriculum Details: (for 4 Credits)

Course Prerequisites:

- Basic knowledge and difference of microeconomics and macroeconomics
- Understanding of mathematical concepts and statistical methods
- Familiarity with economic theories and models.
- Fundamental economic problem

Course Objectives:

- 1) To provide students with a comprehensive understanding of different measures of money supply, determinants of money supply and its role in the economy.
- 2) To examine the theories of demand for money and its implication on the different economic factor.
- 3) To evaluate the consequence of basic macroeconomic policy option under different economic condition.
- 4) To understand the income generation process through the foreign trade multiplier in an open economy.
- 5) To apply theoretical frameworks to real-world scenarios in macro economics.

Course Outcomes

After completion of this course the Students will be able to:

- 1) Illustrate the different measures and determinates of the money supply in economy.
- 2) Evaluate the demand for money and its implication on the rate of interest, inflation and stability in the economy.
- 3) Critically evaluate the consequences of basic macroeconomic policy options under differing economic conditions within a business cycle.
- 4) Determine the level of income through the foreign trade multiplier in an open economy.
- 5) Develop effective written and oral communication skills to present and discuss supply and demand for money, monetary and fiscal policy and open economy .



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-II
Course Code: HECOC562 Title: Applied Macroeconomics-II
Curriculum Details: (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.
1.0		Supply of Money	12
	1.1	Meaning and Importance of Money Supply	
	1.2	Money supply and its measurements	
	1.3	Determinants of Money supply : High Powered money and Money Multiplier	
	1.4	Money supply and the open economy	
2.0		Demand for Money	12
	2.1	Meaning and scope of demand for money	
	2.2	Classical Approach to demand for money	
	2.3	Keynesian theory for demand for money	
	2.4	Post Keynesian theories for demand for money	
3.0		IS-LM Model	12
	3.1	Good Market Equilibrium :The Derivation of the IS curve	
	3.2	Money Market Equilibrium : Derivation of the LM curve	
	3.3	Simultaneous equilibrium of good market and money market .	
	3.4	IS-LM model : Explaining the roles of fiscal and monetary policies	
4.0		Foreign Trade Multiplier	12
	4.1	Foreign trade and national income in an open economy.	
	4.2	Import Function	
	4.3	Open economy equilibrium with import and export surplus .	
	4.4	Reverse working of foreign trade multiplier	
5.1		Application and Calculation Exercises (based on previous units)	

	5.1	Analyze the supply of money in Indian context	12
	5.2	Derivate the equations for LM curve with their graphical representation	
	5.3	Derivate the equations for IS curve with their graphical representation	
	5.4	Finding the values of foreign trade multiplier and the equilibrium value of imports	
Total			60

Text Books

- 1) Shapiro, E. (1996), Macroeconomic Analysis, Galgotia Publications, New Delhi.
- 2) Rana and Verma ,(11th edition 2016) ,Macro Economic Analysis ,Vishal Publication ,Jalandhar ,Delhi.
- 3) H.L.Ahuja ,Macroeconomics : Theory and Policy ,S.Chand and company limited ,New Delhi.20th Edition (2019).
- 4) M.L.Jhingan ,Principle of Economics ,Vrinda Publication (P),LTD, New Delhi.
- 5) Dr.J.P.Mishra , Macroeconomics ,Sahitya Bhavan Publication ,Agra

Reference Books:

- 1) Ackley, G. (1978), Macroeconomics: Theory and Policy, Macmillan, New York.
- 2) Blackhouse, R. and A. Salansi (Eds.) (2000), Macroeconomics and the Real World (2 Vols.), Oxford University Press, London.
- 3) Branson, W. a. (1989), Macroeconomic Theory and Policy, (3rd Edition), Harper and Row, New York.
- 4) Dornbusch, R. and F. Stanley (1997), Macroeconomics, McGraw Hill, Inc., New York.
- 5) Hall, R. E. and J. B. Taylor (1986), Macroeconomics, W. W. Norton, New York.
- 6) Heijdra, B. J. and V. Frederick (2001), Foundations of Modern Macroeconomics, Oxford University Press, New Delhi.
- 7) Rao, V. K. R. V. (1983), India's National Income: 1950 to 1980, Sage Publications, New Delhi.
- 8) Duesenberry, J. S. (1949), Income, Saving and the Theory of consumer Behaviour, Harvard University Press, Harvard.
- 9) Gordon, R. and S. G. Harris (1998), Macroeconomics, Addison Wesley.
- 10) Culbertson, J. M. (1968), Macroeconomic Theory and Stabilization Policy, McGraw Hill, Kogenkosh, Tokyo.



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Applied Economics

Post Graduate Applied Economics First Year Programme, Semester-II

Course Code: HECOC563

Title: International

Macroeconomics

Curriculum Details: (for 4 Credits)

Course Prerequisites:

- Basic knowledge of microeconomics and macroeconomics
- Understanding of mathematical concepts and statistical methods
- Familiarity with economic theories and models

Course Objectives:

- 1) To develop a comprehensive understanding of the balance of payments and its components.
- 2) To analyze the determinants and implications of exchange rates in the international economy.
- 3) To examine the role of international macroeconomic policies in managing economic fluctuations.
- 4) To apply theoretical frameworks to real-world scenarios in international economics.
- 5) To develop critical thinking and analytical skills to evaluate international economic issues and policies.

Course Outcomes: By the end of this course, students will be able to

- 1) Understand the concepts and components of the balance of payments.
- 2) Analyze and evaluate the factors influencing exchange rates and their impact on international trade.
- 3) Evaluate the effectiveness of international macroeconomic policies in achieving macroeconomic stability.
- 4) Apply economic principles and quantitative methods to assess the impact of exchange rate fluctuations on various stakeholders.
- 5) Develop effective written and oral communication skills to present and discuss international economic issues.



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Applied Economics

Post Graduate Applied Economics First Year Programme, Semester-II

Course Code: HECOC563

Title: International

Macroeconomics

Curriculum Details: (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.
1.0		Balance of Payments Structure and Accounting	12
	1.1	Balance of payments (BoP): structure, components	
	1.2	BoP accounting principles	
	1.3	Current account and capital account: concepts and measurements	
	1.4	Foreign exchange markets and their role in the balance of payments	
2.0		Exchange Rates and Determinants	12
	2.1	Foreign exchange rate determination: supply and demand factors.	
	2.2	Purchasing power parity theory.	
	2.3	Interest rate parity theory.	
	2.4	Exchange rate regimes: fixed vs. floating exchange rates.	
3.0		Exchange Rate Policies and Interventions	12
	3.1	Exchange rate policy frameworks	
	3.2	Managed floating and exchange rate targeting	
	3.3	Currency crises and speculative attacks	
	3.4	Central bank interventions in foreign exchange markets	
4.0		International Macroeconomic Policies	12
	4.1	Fiscal policy in an open economy	
	4.2	Monetary policy in an open economy	
	4.3	Coordination of macroeconomic policies	
	4.4	Economic integration and common currency areas	
5.1		Application and Calculation BoP & Exchange Rate	

	5.1	Calculation of balance of payments accounts and balances	12
	5.2	Analysis of the impact of exchange rate changes on trade flows	
	5.3	Evaluation of the effectiveness of exchange rate policies	
	5.4	Assessing the implications of international macroeconomic policies	
Total			60

Text Books

- 1) Agarwal, M. R. (2016). International Economics: Trade and Finance (16th ed.). New Delhi, India: Vikas Publishing.
- 2) Appleyard, D. R., Field, A. J., & Cobb, S. L. (2017). International Economics (9th ed.). Boston, MA: McGraw-Hill Education.
- 3) Carbaugh, R. J. (2019). International Economics (17th ed.). Boston, MA: Cengage Learning.
- 4) Daniels, J. D., Radebaugh, L. H., & Sullivan, D. P. (2018). International Business: Environments and Operations (16th ed.). Boston, MA: Pearson.
- 5) Feenstra, R. C., & Taylor, A. M. (2020). International Economics (4th ed.). New York, NY: Worth Publishers.

Reference Books:

- 1) Krugman, P., Obstfeld, M., & Melitz, M. (2018). International Economics: Theory and Policy (11th ed.). Boston, MA: Pearson.
- 2) Salvatore, D. (2017). International Economics (12th ed.). Hoboken, NJ: Wiley.
- 3) Feenstra, R. C., & Taylor, A. M. (2017). International Trade (4th ed.). New York, NY: Worth Publishers.
- 4) Sarkar, S. (2019). International Trade Theory and Policy: A Practitioner's Guide (2nd ed.). New Delhi, India: Oxford University Press.
- 5) Bhagwati, J. N., Panagariya, A., & Srinivasan, T. N. (2014). Lectures on International Trade (2nd ed.). Cambridge, MA: MIT Press.



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Major in Applied Economics

Post Graduate Applied Economics First Year Programme, Semester-II

Course Code: HECOES61

Title: Economics of Migration and

Urbanization

Curriculum Details: (for 4 Credits)

Course Prerequisites:

- Basic understanding of economic principles and concepts
- Familiarity with population studies and demographic theories
- Knowledge of statistical analysis and research methodologies

Course Objectives:

- 1) To provide students with a comprehensive understanding of the economic dimensions of migration, urbanization, and population dynamics.
- 2) To analyze and evaluate the causes, patterns, and consequences of migration and urbanization from an economic standpoint.
- 3) To develop students' theoretical and analytical skills in examining the economic impact of migration and urbanization on various socioeconomic aspects, including labor markets, income distribution, poverty, and economic development.
- 4) To equip students with practical tools and methodologies for studying and assessing migration and urbanization patterns using economic indicators and models.
- 5) To foster critical thinking and independent research skills in the field of economics of migration and urbanization.

Course Outcomes: By the end of this course, students will be able to

- 1) Demonstrate a comprehensive understanding of the economic dimensions of migration, urbanization, and population dynamics.
- 2) Analyze and evaluate the economic theories and frameworks underlying migration and urbanization processes.
- 3) Apply economic analysis techniques to examine the causes, patterns, and consequences of migration and urbanization.
- 4) Assess the economic impact of migration and urbanization on labor markets, income distribution, poverty, and economic development.
- 5) Utilize quantitative and qualitative research methods to study and evaluate migration and urbanization patterns.
- 6) Synthesize and communicate research findings effectively through written reports and oral presentations, with a focus on economic implications.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-II
Course Code HECOES61 Title: Economics of Migration and
Urbanization

Curriculum Details: (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.
1.0		Introduction to Population Distribution and the Economic Dimensions	12
	1.1	Overview of population studies and its economic relevance	
	1.2	Spatial distribution of population: concepts, measures, and economic implications	
	1.3	Theories of migration from an economic perspective: neoclassical economics, human capital theory, and the new economics of labor migration	
	1.4	Types of migration and their economic significance: internal migration, international migration, forced migration, and voluntary migration	
2.0		Economic Analysis of Internal Migration and Urbanization	12
	2.1	Patterns and determinants of internal migration: economic factors and labour market dynamics	
	2.2	Rural-urban migration: causes, consequences, and economic impacts	
	2.3	Urbanization processes and their economic dimensions: agglomeration economies, productivity gains, and urban-rural linkages.	
	2.4	Urbanization and sustainable economic development: challenges, policies, and opportunities	
3.0		International Migration, Globalization, and Economic Perspectives	12
	3.1	Trends and patterns of international migration: economic drivers and consequences.	
	3.2	Economic factors influencing international migration: labour market dynamics, remittances, and brain drain/gain.	
	3.3	Economic impacts of migration on source and destination countries: labour markets, trade, and development.	

	3.4	Migration policies and their economic considerations: immigration regulations, labour mobility, and economic integration.	
4.0		Urbanization, Economic Growth, and Urban Systems	12
	4.1	The role of cities in economic growth: urbanization as an engine of economic development	
	4.2	Urban systems and economic hierarchies: central place theory, urban competitiveness, and regional development	
	4.3	Urban infrastructure and services as drivers of economic productivity: transportation, housing, healthcare, and education.	
	4.4	Economic governance and planning for sustainable urban development: urban policies, infrastructure financing, and public-private partnerships	
5.1		Application and Calculation Exercises	12
	5.1	Application of statistical methods to spatial analysis	
	5.2	Measures of population redistribution and concentration	
	5.3	Measures and methods of migration estimation.	
	5.4	Measures of Urbanization	
Total			60

Text Books

- 1) Todaro, M. P., & Smith, S. C. (2015). Economic Development (12th ed.). Boston: Pearson.
- 2) Harris, J. R., & Todaro, M. P. (2019). Migration, Unemployment and Development: A Two-Sector Analysis. Routledge.
- 3) Kritiz, M. M., Keely, C. B., & Tomasi, S. M. (Eds.). (2001). Global Trends in Migration: Theory and Research on International Population Movements. New York: Center for Migration Studies.
- 4) Berry, B. J. L., & Glaeser, E. L. (Eds.). (2005). Urbanization and Growth. Amsterdam: North Holland.
- 5) Clark, W. A. V., & Hoffmann-Martinot, V. (Eds.). (2017). The New Demographics of Europe: The Changing Population Dynamics in Countries of Central and Eastern Europe. Springer.

Reference Books:

- 1) Massey, D. S., Arango, J., Hugo, G., Kouaouci, A., Pellegrino, A., & Taylor, J. E. (1998). Worlds in Motion: Understanding International Migration at the End of the Millennium. Oxford: Clarendon Press.
- 2) Champion, A. G., & Hugo, G. (Eds.). (2004). New Forms of Urbanization: Beyond the Urban-Rural Dichotomy. Aldershot: Ashgate Publishing.
- 3) King, R., Skeldon, R., & Vullnetari, J. (Eds.). (2012). Internal and International Migration: Bridging the Gap. New York: Palgrave Macmillan.
- 4) Weng, L. (Ed.). (2017). Urbanization and Migration: A Global Perspective. New York: Routledge.
- 5) Haining, R. P., & Wise, S. W. (2002). Migration and Remittances: A Development Perspective. Harlow: Pearson Education.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-II
Course Code: HECO562 Title: Capital Market

Curriculum Details: (for 4 Credits)

Course Prerequisites:

- 1) Basic knowledge of Financial Economics
- 2) Fundamental knowledge of in Index and computer

Course Objectives:

- 1) To provide the information about capital market in detail
- 2) To explain various indices of share market and its functions
- 3) To know the rules and regulation for share market
- 4) To differentiate traditional and recent development in stock exchange

Course Outcomes:

- 1) Student will be able to invest in share market
- 2) Student will be guiding to investors about the impact of fundamental and technical analysis on stock exchange
- 3) Student can get employability from the course



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-II
Course Code: HECO562 Title: Capital Market

Curriculum Details: (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.
1.0		Primary Market	
	1.1	Meaning, importance, functions, structure, instruments	12
	1.2	Ownership Securities, debentures and bonds	
	1.3	Marketing of Securities, meaning Classification of security buyers, Methods of marketing securities	
	1.4	SEBI guidelines for the Issue of securities, recent developments in capital market	
2.0		Primary Market Intermediaries	
	2.1	Underwriters-forms, role, SEBI guidelines, underwriting agencies in India.	12
	2.2	Bankers to an Issue- SEBI guidelines, code of conduct, registrars to an issue and share transfer agent-guidelines, code of conduct.	
	2.3	Debenture Trustees- guidelines, code of conduct, brokers to an issue	
	2.4	Portfolio managers- guidelines, code of conduct, insider trading, prohibition of fraudulent and unfair trade practices.	
3.0		Secondary Market	
	3.1	Definitions, characteristics of stock exchanges, functions, listing of securities, objectives advantages, procedure for dealing at stock exchanges.	12
	3.2	Electronic settlement of Trade, rolling settlement, operators at stock exchanges, types of speculators factors influencing prices on stock exchange.	
	3.3	Stock exchange in India, SEBI's role organization and Growth, Major stock exchanges in India-BSE, NSE, OCEI	
	3.4	Weaknesses of stock exchanges in India, recent development in secondary market	
4.0		Depository System and Dematerialisation	
	4.1	Depository system, depository participant, SEBI guideline and code of conduct	12

	4.2	The beneficial owner, the issuer, National securities depository Limited (NSDL)	
	4.3	Central Depository Services (India). (CDSL), Facilities offered by Depository System	
	4.4	Dematerialization of shares, Electronic settlement of Trade, pledging of dematerialized securities.	
5.1		Practical Session	
	5.1	BSE, NSE-Calculating Index,	12
	5.2	Trading-buy, sell	
	5.3	Techniques of forecasting	
	5.4	Formulas of concepts in share market	
Total			60

Text Books

- 1) Shashi K Gupta, Nisha Aggarwal, Neeti Gupta (2007) revised edition, Financial Institutions and Markets, kalyani publication, Hyderabad.
- 2) Raghu palat (2008) reprinted, Fundamental Analysis for Investors, vision books, New Delhi
- 3) Bhole L.M. and Mahakud J. (2009), Financial Institutions and Markets- Structures, Growth and Innovations, Tata McGraw-Hill Education Private Limited, New Delhi.

Reference Books:

- 1) Pathak B. V. (2008), The Indian Financial System-Markets, Institutions and Services, Pearson edition, New Delhi.
- 2) Rao, J.N. (2001). Indian ADRs: The Resurgence Chartered Financial Analyst, June 2001.
- 3) RBI, Handbook of Statistics on Indian Economy, various issues.
- 4) Shah, Ajay (1997), Securities Markets, Towards Greater Efficiency in K.S. Parikh edition, Indian Development Report 1997, Oxford University Press Delhi.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-II
Course Code: HECO563 Title: Gender Economics

Curriculum Details: (for 4 Credits)

Course Prerequisites:

- Basic knowledge of Gender Studies
- The different concept related to gender and Gender Sensitization
- Gender Equality and Equity
- Familiar with women's problem and movements

Course Objectives:

- 1) To introduce the students to the use of gender as an analytical category in the context of development.
- 2) To analyze the education and health status of women.
- 3) To evaluate the employment structure among the women
- 4) To provide a historical overview of gender and development .
- 5) To understand the gender wise entrepreneurship development.

Course Outcomes

After completion of this course the Students will be able to:

- 1) Examine the different concept related to gender studies.
- 2) Analyze the education and health status of women
- 3) Evaluate the gender wise employment structure.
- 4) Understand the role of women in economic development and the actual situation of the women development.
- 5) Minimize the barriers before women empowerment and create the gender equality through curriculum



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-II
Course Code: HECO E563 Title: Gender Economics

Curriculum Details: (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60 M.
1.0		Introduction to Gender Studies:	12
	1.1	Key concepts in Gender studies	
	1.2	Women's Movements	
	1.3	Types of Feminism	
	1.4	National Committees and Commissions for Women.	
2.0		Gender Education and Health:	12
	2.1	Gender Education: Gender diversities and disparities in enrolment	
	2.2	Gender Education: profession and Gender	
	2.3	Health status of women in India	
	2.4	Factors influencing health and nutritional status.	
3.0		Women, Work and Employment	12
	3.1	Concept of Work Productive and non productive work	
	3.2	Gender Division of Labour	
	3.3	Women in organized and unorganized sector.	
	3.4	New Economic policy and its impact on Women employment	
4.0		Women Empowerment and Development	12
	4.1	Theories of Development: WID, WAD, GAD	
	4.2	Empowerment- Concept and indices:	
	4.3	GDI , GII ,GGGI	
	4.4	Sustainable Development Goals, Policies and Programmes.	
5.1		Gender and Entrepreneurship	
	5.1	Importance of Entrepreneurship	

	5.2	Hurdles before the women's Entrepreneurship	12
	5.3	Women in Agri-Business	
	5.4	Role of SHG in women's Entrepreneurship	
Total			60

Reference Books:

- 1) Boserup E. (1970), Women's Role in Economic Development, George Allen and Unwin, London.
- 2) Desai, N. and M.K. Raj. (Eds.) (1979), Women and Society in India, Research Centre for Women Studies, SNDT University, Bombay.
- 3) Government of India (1974), Towards Equality - Report of the Committee on the Status of Women in India, Department of Social Welfare, Ministry of Education and Social Welfare, New Delhi.
- 4) Krishnaraj, M., R.M. Sudarshan and A. Shariff (1999), Gender, Population and Development, Oxford University Press, New Delhi.
- 5) Seth, M. (2000), Women and Development : The Indian Experience, Sage Publications, New Delhi.
- 6) Srinivasan K. and A. Shroff (1998), India : Towards Population and Development Goals, Oxford University Press, New Delhi.
- 7) Venkateswaran, S. (1995), Environment, Development and the Gender Gap, Sage Publications, New Delhi.
- 8) Wazir, R. (2000), The Gender Gap in Basic Education : NGOs as Change Agents, Sage Publications, New Delhi.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in Applied Economics
Post Graduate Applied Economics First Year Programme, Semester-II
Course Code: HECOF561 Title: Field Project/ On Job Training
Curriculum Details: (for 4 Credits)

This Paper include field based activities for 4 credit that include Case Studies Related to Economic Issues of an individual or institutions, Making of Village Economic Profile and Reporting of the Industrial Visit. All these activities will be done under the guidance of teaching faculty. At the end of semester student has to submit Case study report, Village profile in given format and the report of industrial visit for its evaluation. The student has to give oral presentation on each task assigned to him as an internal evaluation.

Prerequisites:

- Adequate theoretical knowledge
- Proficiency in research methods
- Strong interest in field work activity.

Objectives of the Field Project/On Job Training

- 1) Provide students with practical experience in applying economic theories and concepts in real-world scenarios.
- 2) Develop students' skills in data collection, analysis, and interpretation within a professional setting.
- 3) Foster critical thinking and problem-solving abilities by tackling complex economic issues faced by organizations.
- 4) Enhance students' understanding of the relationship between economic theory and its practical application.
- 5) Enable students to gain exposure to various economic sectors and industries, thereby broadening their knowledge base.

Outcomes of the Field Project/On Job Training

- 1) Students will gain hands-on experience in conducting economic research, data analysis, and using economic tools and software.
- 2) Students will be able to apply economic theories, models, and methodologies to analyze real-world economic problems and propose solutions.
- 3) Students will improve their communication, teamwork, and project management skills through interactions with professionals and stakeholders in the field.
- 4) Students will gain insights into different sectors and industries, expanding their understanding of economic dynamics in various contexts.