



॥ 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

स्वामी रामानंद तीर्थ  
मराठवाडा विद्यापीठ, नांदेड

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प्रस्तुत विद्यापीठ अंतर्गत न्यु मॉडल डिग्री कॉलेज हिंगोली येथील मानवविज्ञान विद्याशाखेतील पदवी स्तरावरील बी.ए. ऑनर्स द्वितीय वर्षाचे CBCS Pattern नुसारचे अभ्यासक्रम शैक्षणिक वर्ष २०२१-२२ पासून लागू करण्याबाबत.

### प रि प त्र क

या परिपत्रकान्वये सर्व संबंधितांना कळविण्यात येते की, दिनांक २१ सप्टेंबर २०२१ रोजी संपन्न झालेल्या ५२ व्या मा. विद्या परिषद बैठकीतील विषय क्र. ३८/५२-२०२१ च्या ठरावानुसार प्रस्तुत विद्यापीठ अंतर्गत न्यु मॉडल डिग्री कॉलेज हिंगोली, येथील मानवविज्ञान विद्याशाखेतील पदवी स्तरावरील बी. ए. ऑनर्स द्वितीय वर्षाच्या, C.B.C.S. (Choice Based Credit System) Pattern नुसारच्या खालील अभ्यासक्रम शैक्षणिक वर्ष २०२१-२२ पासून लागू करण्यात येत आहेत.

१. बी. ए. ऑनर्स द्वितीय वर्ष अर्थशास्त्र.
२. बी. ए. ऑनर्स द्वितीय वर्ष समाजशास्त्र.
३. बी. ए. ऑनर्स द्वितीय वर्ष इतिहास.
४. बी. ए. ऑनर्स द्वितीय वर्ष राज्यशास्त्र.

सदरील परिपत्रक व अभ्यासक्रम प्रस्तुत विद्यापीठाच्या [www.srtmun.ac.in](http://www.srtmun.ac.in) या संकेतस्थळावर उपलब्ध आहेत. तरी सदरील बाब ही सर्व संबंधितांच्या निदर्शनास आणून द्यावी.

'ज्ञानतीर्थ' परिसर,

विष्णुपुरी, नांदेड - ४३१ ६०६.

जा.क्र.: शैक्षणिक-१/परिपत्रक/पदव्युत्तर(संकुल)-सीबीसीएस  
अभ्यासक्रम/२०२१-२२/१५५

दिनांक : ७.१०.२०२१

प्रत माहिती व पुढील कार्यवाहीस्तव :

- १) मा. अधिष्ठाता, मानवविज्ञान विद्याशाखा, प्रस्तुत विद्यापीठ.
- २) मा. संचालक, परीक्षा व मूल्यमापन मंडळ यांचे कार्यालय, प्रस्तुत विद्यापीठ.
- ३) मा. प्राचार्य न्यु मॉडल डिग्री कॉलेज हिंगोली, प्रस्तुत विद्यापीठ.
- ४) साहाय्यक कुलसचिव, पदव्युत्तर विभाग, प्रस्तुत विद्यापीठ.
- ५) अधीक्षक, मानवविज्ञान विद्याशाखा परीक्षा विभाग, प्रस्तुत विद्यापीठ.
- ६) सिस्टम एक्सपर्ट, शैक्षणिक विभाग, प्रस्तुत विद्यापीठ. यांना देवून कळविण्यात येते की, सदरील परिपत्रकासह अभ्यासक्रम विद्यापीठ संकेतस्थळावर प्रसिध्द करावेत.

स्वाक्षरित

सहा कुलसचिव

शैक्षणिक (१-अभ्यासमंडळ) विभाग

**Swami Ramanand Teerth Marathwada University, Nanded's**  
**NEW MODEL DEGREE COLLEGE, HINGOLI**



स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड.

**Syllabus**

**B.A. (Honors) Economics**

**Second Year**

**(CBCS Semester System)**

**Under the Faculty of Humanities**

**With Effect from 2021-2022**

**Swami Ramanand Teerth Marathwada University, Nanded's**  
**New Model Degree College, Hingoli**

**B.A. Honors Economics**  
**II Year III Semester**  
Course Structure

Paper	Course Code	Subject Title	No. of Lectures per week	No. of Credits per Course	Internal Examination Marks	External Examination Marks	Total Marks
I. Language Curriculum	IL BA-301	Indian Languages (Marathi-III/ Hindi-III)	04	04	50	50	100
	EL BA -302	English-III	04	04	50	50	100
II. Major Curriculum	MC ECO-303	Macro Economics-I	05	05	50	75	125
	MC ECO-304	Banking and Financial Markets in India-I	05	05	50	75	125
	MS ECO-305	Economics of Development	04	04	25	75	100
	MA ECO-306	Quantitative Techniques-I	04	04	25	75	100
III. Life Skill Curriculum	JS BA-307	Indian Art & Architecture-I	02	02	25	25	50
	VC BA-308	Indian History	02	02	25	25	50
<b>Total</b>			<b>30</b>	<b>30</b>	<b>300</b>	<b>450</b>	<b>750</b>

**Swami Ramanand Teerth Marathwada University, Nanded's**  
**New Model Degree College, Hingoli**

Course Structure of B.A. Economics

**B.A. Economics**  
**II Year IV Semester**

Paper		Course Code	Subject Title	No. of Lectures per week	No. of Credits per Course	Internal Examination Marks	External Examination Marks	Total Marks
I. Language Curriculum		IL BA-401	Indian Languages (Marathi-IV/ Hindi-IV)	04	04	50	50	100
		EL BA -402	English-IV	04	04	50	50	100
II. Major Curriculum	Major (Core)	MC ECO-403	Macro Economics-II	05	05	50	75	125
		MC ECO-404	Banking and Financial Markets in India-II	05	05	50	75	125
	Major (Supportive)	MS ECO-405	Development and Environmental Economics	04	04	25	75	100
	Major (Applied/ Innovative)	MA ECO-406	Quantitative Techniques-II	04	04	25	75	100
III. Life Skill Curriculum	Job Oriented Soft Skills	JS BA-407	Indian Art & Architecture-II	02	02	25	25	50
	Value Oriented Courses	VC BA-408	Indian Society	02	02	25	25	50
<b>Total</b>				<b>30</b>	<b>30</b>	<b>300</b>	<b>450</b>	<b>750</b>

## **Scheme of Evaluation (Marks Distribution)**

### **For 25 Marks C.A.**

<b>1) Continuous Assessment (C.A.):</b>	<b>25 Marks</b>
Two Class Test Each for	10 Marks
One Home Assignment for	05 Marks
<b>2) University Assessment (U.A.):</b>	<b>75 Marks</b>

### **For 50 Marks C.A.**

<b>1) Continuous Assessment (C.A.):</b>	<b>50 Marks</b>
Two Class Test Each for	15 Marks
One Project Work for	10 Marks
One Seminar for	10 Marks
<b>2) University Assessment (U.A.):</b>	<b>75 Marks</b>

**Question Paper Pattern**

**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED**

**NEW MODEL DEGREE COLLEGE, HINGOLI**

Choice Based Credit System (CBCS) Pattern

Faculty of Humanities

**B.A. (Honors) in Economics**

**Second Year Third Semester**

Paper Name & No.

**End of Semester Examination (ESE)**

Time: 03 Hours

Marks: 75

NB:

1. Q. No. 1 is Compulsory
2. From Q. No. 2 to 8 Solve any four questions
3. All questions Carry Equal Marks

Q. No. 1 Write Short Notes on the Following:

15 Marks

- i.
- ii.
- iii.
- iv.
- v.

Q. No. 2:

15 Marks

Q. No. 3:

15 Marks

Q. No. 4:

15 Marks

Q. No. 5: Write Short Notes on (any two):

15 Marks

- i.
- ii.
- iii.

Q. No. 6:

15 Marks

Q. No. 7:

15 Marks

Q. No. 8:

15 Marks

**Swami Ramanand Teerth Marathwada University, Nanded's  
NEW MODEL DEGREE COLLEGE, HINGOLI**

(With Effect from 2021-22)

**B.A. Honors Economics II Year III Semester  
MC ECO-303 Macro Economics-I**

**Course Outline:**

The Course discusses National Income and elaborates its meaning, features and Importance. It also introduces the concepts like GDP, GNP, NDP, NNP, Personal Income, disposable income and per capita income. Further, it numerates the Measuring methods of national income and difficulties in it. It studies theory of money, illustrating its definitions, functions and importance as well as value and measurement. It focuses on quantitative theories of money of fisher & Cambridge approach. The Course includes the classical theories of employment of say's law of market & Keynesian theory of income and employment. It is extended to the concept of consumption and other elements.

**Course Objectives:**

- i) To acquaint the students' knowledge of Macro Economic concept and theories.
- ii) To prepare the students to understand the various concepts and measuring methods of national income.
- iii) To help students to understand the functions and theories of money.
- iv) To help students to understand the Theories of Income and Employment.

**Unit I: Introduction of Macro Economics and National Income**

- 1.1 Meaning, Nature & Scope of Macro Economics.
- 1.2 Meaning, Features and Importance of National Income.
- 1.3 Concepts of GDP, GNP, NNP, National Income at Factor Cost & Market Price. Personal Income, Disposable Income, Per Capita Income.
- 1.4 Measuring Methods of National Income. Circular Flow of National Income.
- 1.5 Difficulties in Measurement of National Income.

**Unit II: Theories of Money**

- 2.1 Definitions, Functions and Importance of Money.
- 2.2 Value of Money and its Measurement.
- 2.3 Quantitative Theory of Money – Fisher's Transaction Approach, Cambridge Cash Balance Approach.
- 2.4 Meaning of Money Supply. RBI's Measurements of Money Stock.

### **Unit III: Output and Employment**

- 3.1 Meaning & Types of Unemployment.
- 3.2 The Classical Theory of Employment – Say’s Law of Market.
- 3.3 Keynes Criticism of the Say’s Law & the Classical Approach.
- 3.4 Keynesian General Theory of Income & Employment - Principle of Effective Demand.

### **Unit IV: Income, Consumption and Saving**

- 4.1 Meaning, Determinants of Consumption Function.
- 4.2 Concepts of Saving Function, APC, MPC, APS, MPS.
- 4.3 Income, Consumption & Saving Relationship - Keynes Law of Consumption.
- 4.4 Importance of Consumption Function.

### **Books Recommended:**

1. Ackley (1976), Macro Economics: Theory and Policy, Macmillan Publishing Company, New York.
2. Rudiger Dornbusch, Stanely Fischer, Richard Startz (2001), Macroeconomics (8<sup>th</sup> Edition), Tata McGraw Hill Publishing Ltd. New Delhi.
3. Gupta S.B. (2002), Monetary Economics: Institutions, Theory and Policy, S. Chand and Company, New Delhi.
4. Abel A., Bernanke B. (2016), Macroeconomics, 9<sup>th</sup> ed. Pearson Education.
5. Blanchard O. (2018), Macroeconomics, 7<sup>th</sup> ed. Pearson Education.
6. Jones C.(2016), Macroeconomics, 4<sup>th</sup> ed. W.W. Norton.
7. Mankiw N. (2016), Macroeconomics, 9<sup>th</sup> ed. Worth Publishers.
8. Ahuja H.L. (2002), Macro Economics: Theory and Policy, S. Chand and Co.Ltd. New Delhi.
9. Zingan M.I. (2009), Macro Economic Theory, Vrinda Pub. (P), Ltd., Delhi.
10. Mithini D.M. (2016), Macro Economics, Himalaya Publishing House Pvt. Ltd., Mumbai.
11. शेळके माधव (१९८७), स्थूल अर्थशास्त्र, पिंपळपुरे अँड कं. पब्लिशर्स, नागपूर.
12. सोळुके आर. एस., पाटील के. के. (१९९४), स्थूल अर्थशास्त्र, गोमटेश प्रकाशन, कोल्हापूर.
13. डॉ. तिकटे, मुक्ते (२०१४), स्थूल अर्थशास्त्र, अरूणा प्रकाशन, लातूर.
14. वाणी नीता (२०१६), स्थूल अर्थशास्त्र, प्रशांत पब्लिकेशन, जळगाव.
15. देशमुख राम (१९९८), स्थूल अर्थशास्त्र, कल्पना प्रकाशन, नांदेड.
16. माहोरे रा. य. (२००३), समष्टि अर्थशास्त्र, हिमालया पब्लिकेशन, नागपूर.
17. झामरे जी. एन. (२००८), समष्टि अर्थशास्त्रीय विश्लेषण, पिंपळपुरे पब्लिकेशन, नागपूर.
18. पवार सूर्यकांत (२०१४), स्थूल अर्थशास्त्र, नवप्रवर्तन पब्लिकेशन, लातूर.
19. रायखेलकर, दामजी, स्थूल अर्थशास्त्र व सार्वजनिक वित्त, विद्या बुक्स पब्लिशर्स, औरंगाबाद.



**Swami Ramanand Teerth Marathwada University, Nanded's  
NEW MODEL DEGREE COLLEGE, HINGOLI**

(With Effect from 2021-22)

**B.A. Honors Economics II Year III Semester  
MC ECO-304 Banking and Financial Markets in India -I**

**Course Outline:**

The course intends to make students aware about the changing scenario of the modern banking role, structure, performance and the current problems faced by the banking sector. This Course aims to illustrate the concept of Bank in detail emphasizing meaning, function and evolution of banking system in India. It throws light on commercial banking, credit creation and their progress after nationalization of banking. This paper also encompasses the definition, functions and credit control measures of central bank.

**Course Objectives:**

- i) To acquaint students with the Commercial Banking in India.
- ii) To understand the Structure & functions of Co-Operative Banking Sector In India.
- iii) To highlight the need and sources of rural & agricultural Credit.
- iv) To give knowledge about the credit control policy of RBI.

**Unit I: Commercial Banking in India**

- 1.1 Evolution and Structure of Banking System in India.
- 1.2 Meaning & Functions of Commercial Banks.
- 1.3 Credit Creation of Commercial Banks.
- 1.4 Critical appraisal and Progress of Commercial Banking after Nationalization.

**Unit II: Co-operative Banking in India**

- 2.1 Meaning & Structure of Co-Operative (Credit) Banking Sector In India
- 2.2 Co-Operative Credit Societies: Types, Progress & Problems.
- 2.3 Functions of U.C.Bs, D.C.C.Bs, S.C.Bs
- 2.4 Strengths & Weaknesses of the Co-Operative Banking System.

**Unit III: Rural Banking in India**

- 3.1 Need and Sources of Rural and Agricultural Credit.
- 3.2 Role of Commercial Banks and RBI in Rural Credit
- 3.3 Regional Rural Banks – Functions, Progress, Problems.
- 3.4 N.A.B.A.R.D. - Functions and Role in Rural Development

## Unit IV: RBI and International Aspects

- 4.1 Meaning & Functions of Central Banks.
- 4.2 Credit Control – Quantitative and Qualitative Instruments.
- 4.3 Indian Foreign Exchange Market. EXIM Bank
- 4.4 ADB, WB, IMF and Indian Economy

### Books Recommended:

1. K.C.Shekhar & Lekshy Shekhar (2008), 'Banking Theory & Practice' (19<sup>th</sup> Edition), Vikas Publication House Pvt. Ltd., New Delhi.
2. Dr G. Ramesh Bapu (2005), 'Indian Financial System', Himalaya Publishing House
3. S.B. Varma. S.K. Gupta, & M.K. Sharma (2007), 'E-Banking & Development of Banks', Deep & Deep Publications Pvt. Ltd
4. Mahajan Mukund (2000), Indian Banking System, Nirali Prakashan, Pune.
5. Mishkin F.S., Eakings S.G. (2009), Financial Markets and Institutions, Pearson Education, 6<sup>th</sup> Edition.
6. Khan M.Y. (2011), Indian Financial System, Tata McGraw Hill, 7<sup>th</sup> Edition.
7. Bhole L.M., Mahukud (2011), Financial Institutions and Markets, Tata McGraw Hill, 5<sup>th</sup> Edition.
8. Deshmukh D.N (2014), Indian Banking System, Chandralok Prakashan, Kanpur.
9. Various Latest Issues of RBI Bulletins, Annual Reports, Reports on Currency and Finance.
10. Indian Economy Datta & Sundram.(2009), S Chand & Company
11. Indian Economy : Mishra & puri (2009), Himalaya Publishing House
12. Zhingnan M.L., Money, Banking and International Trade,
13. Desai Vasant, Central Banking and Economic Development.
14. Panandikar S.G., Mithal D.M., Banking in India,
15. पाटील के.के., सोडगे एम. एन. (1991), एमपीएससी, बँकींग, कैलाश पब्लिकेशन, औरंगाबाद.
16. जोशी, डांगे (1995), बँकींग, फडके प्रकाशन, कोल्हापूर.
17. बोधनकर सुधीर, कानेटकर मेधा (2000), भारतीय बँकींग प्रणाली, श्री साईनाथ प्रकाशन, नागपूर.
18. बैरागी के. पी. (2014), भारतीय बँक व्यवस्था, अथर्व प्रकाशन, पुणे.
19. सावळे एकनाथ, पाटील लक्ष्मण (2015), बँकींग, अरूणा प्रकाशन, लातूर
20. रायखेलकर ए.आर, दामजी, अधिकोषण आणि सार्वजनिक वित्त, विद्या बुक्स पब्लिशर्स, औरंगाबाद.

**Swami Ramanand Teerth Marathwada University, Nanded's  
NEW MODEL DEGREE COLLEGE, HINGOLI**

(With Effect from 2021-22)

**B.A. Honors Economics II Year III Semester  
MS ECO-305 Economics of Development**

**Course Outlines:**

This Paper deals with the concepts of Economic Development and Economics Growth explaining the differences between them. It also throws light on the indicators of Economics Growth and measurements of Economic Developments. This paper enables students to comprehend the role of agriculture, industrialization & infrastructure in Economic Development. This paper enables students to acquaint not only with classical theories but also introduces them with other theories of Economic Growth and Development.

**Course Objectives:**

- i) To make students sentient with the changes in development concept.
- ii) To study the role of Agriculture, Industrialization, Infrastructure in Economic Development.
- iii) To furnish the students with recent development theories.
- iv) To highlight the classical, neoclassical and modern approach towards Economic growth & development.

**Unit I: Economic Development and Growth.**

- 1.1 Economic Development – Meaning and Measurements.
- 1.2 Economic Growth- Meaning and Indicators.
- 1.3 Difference between Economic Development and Economic Growth.
- 1.4 Role of Agriculture, Industrialization, Infrastructure in Economic Development.

**Unit II: Theories of Economic Development.**

- 2.1 Classical Theories – Adam Smith, Ricardo and Malthus.
- 2.2 Karl Marx's Theory of Economic Development.
- 2.3 Rostow's Stages of Economic Growth.
- 2.4 Lewis Theory of Unlimited Supply of Labour.

### Unit III: Theories of Growth and Development

3.1 Vicious Circle of Poverty

3.2 Balanced Growth v/s Unbalanced Growth

3.3 Big Push Theory.

3.4 Critical Minimum Effort Theory. Low Income equilibrium trap.

#### Books Recommended:

1. Schumpeter J.A. (1934), 'The Theory of Economic Development', Harvard University Press Cambridge.
2. Lewis W. Arthur (1954), 'Economic Development with Unlimited Supply of Labour' the Manchester School.
3. Robinson Joan (1957), 'An Essay on Marxian Economics', Macmillan and Co., London.
4. Rostow W.W. (1962), 'The Stages of Economic Growth', Cambridge University Press, London.
5. Nurkse Ragnar (1973), 'Problems of Capital Formation In Under development Counties', Oxford University Press, Delhi.
6. Zhingan M.L. (1973), 'The Economics of Development and Planning', Vikas Publishing House, New Delhi.
7. Misra S.K., Puri V.K. (2012), 'Economics of Development and Planning', Himalaya Publishing House, New Delhi.
8. गायकवाड ज.पा., अशोक बोरीकर (१९७६), आर्थिक विकास आणि आर्थिक नियोजन, विद्या प्रकाशन, नागपूर.
9. पत्की अ.द., साबळे म.ना. (१९९१), विकासाचे अर्थशास्त्र आणि आर्थिक नियोजन, विद्या बुक्स पब्लिशर्स, औरंगाबाद.
10. कुरुलकर र.पु., अरविंद एकताटे (१९९१), विकासाचे अर्थशास्त्र, विद्या प्रकाशन, नागपूर.
11. पत्की अशोक (१९९८), विकासाचे अर्थशास्त्र आणि आर्थिक नियोजन, विद्या बुक्स पब्लिशर्स, औरंगाबाद.
12. भोसले, काटे (१९९८), विकासाचे अर्थशास्त्र आणि आर्थिक नियोजन, फडके प्रकाशन, कोल्हापूर.
13. फडणविस मृणालिनी (२००६), विकासाचे अर्थशास्त्र व सिध्दांत', विद्या प्रकाशन, नागपूर.
14. पाटील जे.एफ. संपा.(२००७), 'वृद्धी व विकासाचे अर्थशास्त्र', फडके प्रकाशन, कोल्हापूर.
15. पुरोहित वसुधा (२०१४), विकासाचे अर्थशास्त्र, विद्या बुक्स पब्लिशर्स, औरंगाबाद.
16. कदम विश्वास, गावंडे गणेश (२०१४), विकासाचे अर्थशास्त्र, कैलाश पब्लिकेशन्स, औरंगाबाद.
17. इंगळे बी.डी. (२०१५), 'विकासाचे अर्थशास्त्र व नियोजन', अरूणा प्रकाशन, लातूर.

**Swami Ramanand Teerth Marathwada University, Nanded's  
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(With Effect from 2021-22)

**B.A. Honors Economics II Year III Semester  
MA ECO-306 Quantitative Techniques – I**

**Course Outline:**

Quantitative Techniques is one of the main streams of Applied Economics. The main objective of this paper is to train the students to use the statistical techniques in analyze economic Problems. The emphasis of this paper is on understanding economic concepts with the help of statistical methods. Correlation, Regression, Time series analysis, Skewness, Kurtosis and Moments are main contents of the Course.

**Course Objectives:**

- i) To apply quantitative skill to real economic problems.
- ii) To Study the Correlation, Regression, Time series Analysis and apply practically.
- iii) To Study for the increase of the numerical efficiency among the student.

**Unit I: Correlation and Regression Analysis.**

- 1.1 Meaning of Regression.
- 1.2 Fitting of Regression Lines by the Least Squares Method  
-Regression line of X on Y and Regression line of Y on X.
- 1.3 Relation between Correlation Coefficient and Regression Coefficients.
- 1.4 Partial and multiple Correlation. Partial and multiple Regression

**Unit II: Skewness, Kurtosis and Moments**

- 2.1 Meaning, Types and Measurement of Skewness  
- Karl Pearson's method, Dr. Bouley's Method & Kelly's Method.
- 2.2 Meaning, Types and Measurement of Kurtosis.
- 2.3 Meaning, Types and Measurement of Moments.

**Unit III: Time Series Analysis**

- 3.1 Meaning, Components & Importance of Time Series.
- 3.2 Measurement of Secular Trend – Graphical Method, Semi-Average Method.
- 3.3 Moving Average Method, Least Square Method.

**Books Recommended:**

1. Croxfor F.E., Cowden D.J. and Kleins (1973), Applied General Statistics, Prentice Hall, New Delhi.
2. Alien R.G.D.(1974), Mathematical Analysis for Economists-Macmillan Press, London.
3. Speigal M.R. (1992), Theory and Problems of Statistics, McGraw Hill Book, London.
4. Gupta S.C. (1993), Fundamentals of Applied Statistics, S. Chand & Sons, New Delhi.
5. Gupta S.P. (2009), Statistical Methods, Sultan Chand & Sons, New Delhi.
6. देशमुख राम (२०११), मुलभूत सांख्यिकी, विद्या प्रकाशन, नागपूर.
7. महाजन वाय. आर. (२००५), सांख्यिकी : तत्व आणि व्यवहार, पिंपळापूरे अँड कं. पब्लिशर्स, नागपूर.
8. खटाळ बी. जी. (२०१२), सांख्यिकीय पध्दती, प्रशांत पब्लिकेशन, जळगाव.
9. कोलते एस. एम. (२०१३), सांख्यिकी तत्व आणि व्यवहार, पिंपळापूरे अँड कं. पब्लिशर्स, नागपूर.
10. शेवाळे, पवार, शबनम (२०१६), संख्यात्मक तंत्रे आणि संशोधन पध्दती, विद्या बुक्स पब्लिशर्स, औरंगाबाद.
11. कदम विश्वास (२०१४), सांख्यिकी पध्दती, कैलास पब्लिकेशन्स, औरंगाबाद.

**Swami Ramanand Teerth Marathwada University, Nanded's  
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(With Effect from 2021-22)

**B.A. Honors in Economics II Year IV Semester  
MC ECO-403 Macro Economics-II**

**Course Outline:**

The paper includes Investment function, Marginal Efficiency of Capital, Multiplier, Acceleration Principle. It focuses on Inflation, its meaning, measuring methods, types, effects & remedial Measures. It throws light on credit creation, monetary & credit policy. The paper covers business cycles, its meaning, characters and phases; including Keynesian theory.

**Course Objectives:**

- i) To prepare the students to understand the basic introductory principles of investment multiplier and principle of acceleration.
- ii) To study the measuring methods, causes, effects and remedies of Inflation.
- iii) To study the Credit Creation, Credit control & Monetary Policy.
- iv) To study the characteristics and phases of Business cycle.
- v) To develop the analyzing capacity in applying theories to real life situation.

**Unit I: Investment, Multiplier and Acceleration.**

- 1.1 Investment Function - Meaning and Types.
- 1.2 Marginal Efficiency of Capital, Rate of Interest, Capital-output ratio.
- 1.3 Investment Multiplier - Meaning, Process and Leakages.
- 1.4 Acceleration Principle - Working & limitations.

**Unit II: Inflation**

- 2.1 Meaning & Types of Inflation.
- 2.2 Measuring Methods, Causes and effects of Inflation.
- 2.3 Measures to Control Inflation.
- 2.4 Deflation. Stagflation.

**Unit III: Banking and Monetary Policy**

- 3.1 Credit Creation of Commercial Banks.
- 3.2 Credit Control Policy of Central Bank. CRR, SLR, Repo Rate, NPA.
- 3.3 Meaning, Objectives and Instruments of Monetary Policy.
- 3.4 RBI's recent Monetary and Credit Policy.

## Unit IV: Business Cycles.

- 4.1 Meaning, Characteristics of Business Cycle.
- 4.2 Phases of Business Cycle.
- 4.3 Keynesian Theory of Business Cycle.
- 4.4 Measures to Control Business Cycle.

### Books Recommended:

1. Ackley (1976), Macro Economics: Theory and Policy, Macmillan Publishing Company, New York.
2. Frisch H. (1983), Theories of Inflation, Cambridge University Press, Cambridge.
3. Rudiger Dornbusch, Stanely, Fischer, Richard Startz (2001), Macroeconomics (8<sup>th</sup> Edition), Tata McGraw Hill Publishing Ltd. New Delhi.
4. Gupta S.B. (2002), Monetary Economics: Institutions, Theory and Policy, S. Chand and Company, New Delhi.
5. Ahuja H.L. (2002), Macro Economics: Theory and Policy, S. Chand and Company Ltd., New Delhi.
6. Zingan M.L. (2009), Macro Economic Theory, Vrinda Pub. (P), Ltd., Delhi.
7. Mithini D.M. (2016), Macro Economics, Himalaya Publishing House Pvt. Ltd., Mumbai.
8. Zhingan M.L., Money, Banking and International Trade.
9. Desai vasant, Central Banking and Economic Development.
10. शेळके माधव (१९८७), स्थूल अर्थशास्त्र, पिंपळापुणे अँड कं. पब्लिशर्स, नागपूर.
11. सोळुंके आर. एस., पाटील के. के. (१९९४), स्थूल अर्थशास्त्र, गोमटेश प्रकाशन, कोल्हापूर.
12. डॉ. तिकटे, मुक्टे (२०१४), स्थूल अर्थशास्त्र, अरूणा प्रकाशन, लातूर.
13. वाणी नीता (२०१६), स्थूल अर्थशास्त्र, प्रशांत पब्लिकेशन, जळगाव.
14. देशमुख राम (१९९८), स्थूल अर्थशास्त्र, कल्पना प्रकाशन, नांदेड.
15. माहोरे रा. य. (२००३), समष्टि अर्थशास्त्र, हिमालया पब्लिकेशन, नागपूर.
16. झामरे जी. एन. (२००८), समष्टि अर्थशास्त्रीय विश्लेषण, पिंपळापुणे पब्लिकेशन, नागपूर.
17. पवार सूर्यकांत (२०१४), स्थूल अर्थशास्त्र, नवप्रवर्तन पब्लिकेशन, लातूर.
18. रायखेलकर, दामजी, स्थूल अर्थशास्त्र व सार्वजनिक वित्त, विद्या बुक्स पब्लिशर्स, औरंगाबाद.
19. बैरागी के.पी., भारतीय बँक व्यवस्था, अथर्व प्रकाशन, पुणे.
20. सावळे एकनाथ, पाटील लक्ष्मण, बँकिंग, अरूणा प्रकाशन, लातूर.



**Swami Ramanand Teerth Marathwada University, Nanded's  
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(With Effect from 2021-22)

**B.A. Honors in Economics II Year IV Semester  
MC ECO-404 Banking and Financial Institutions in India-II**

**Course Outline:**

This course is focuses on Financial System in India. The student will be able to learn Indian financial systems, how it operates and its role in economics. The students will have evaluated regulation of Indian financial system. They will have understood role of NBFC and share market the economy. The course intends to make students aware of the current trends in banking services for examples E-banking, ATM, debit cards, credit cards. It throws light on functions of IFCI, SFCI, IDBI, GIC and LIC. Students are supposed to study the current affairs and events happening in the money market and capital market at the national and international level.

**Course Objectives:**

- i) The aim of this course is to introduce students to the institutional environment in which financial transactions take place.
- ii) To finger out the role of money and capital markets in Indian economy.
- iii) To make students aware of the current trends in banking services.
- iv) To familiarize students about Non-Banking Financial Institutions.

**Unit I: Financial System In India: Indian Money Market**

- 1.1 Structure of Financial System in India.
- 1.2 Indian Money Market – Structure and Features.
- 1.3 Unorganized Money Market
- 1.4 Composition of Organized Indian Money Market.

**Unit II: Indian Capital Market**

- 2.1 Indian Capital Market - Structure and Features.
- 2.2 Stock Market in India - N.S.E., B.S.E., O.T.C.E.I.
- 2.3 S.E.B.I. - Functions and Its Impact on Capital Market.
- 2.4 Credit Rating Services - Meaning, Need, Benefits & Rating Agencies in India.

### **Unit III: New Development in Indian Financial System**

- 3.1 Micro Finance. Self-help group.
- 3.2 Financial Inclusion. Financial Literacy.
- 3.3 ATM, Debit Card, Credit Card.
- 3.4 Core Banking, Internet Banking & Mobile Banking.

### **Unit IV: Non-Banking Financial Institutions in India**

- 4.1 Meaning and Classification of N.B.F.I.s.
- 4.2 IFCI and SFCS.
- 4.3 IDBI and SIDBI.
- 4.4 LIC and GIC.

### **Books Recommended:**

1. K.C.Shekhar & Lekshy Shekhar (2008), 'Banking Theory & Practice' (19<sup>th</sup> Edition), Vikas Publication House Pvt. Ltd., New Delhi.
2. Dr G. Ramesh Babu (2005), 'Indian Financial System', Himalaya Publishing House
3. S.B. Varma. S.K. Gupta, & M.K. Sharma (2007), 'E-Banking & Development of Banks', Deep & Deep Publications Pvt. Ltd
4. Mahajan Mukund (2000), Indian Banking System, Nirali Prakashan, Pune.
5. Mishkin F.S., Eakings S.G. (2009), Financial Markets and Institutions, Pearson Education, 6<sup>th</sup> Edition.
6. Khan M.Y. (2011), Indian Financial System, Tata McGraw Hill, 7<sup>th</sup> Edition.
7. Bhole L.M., Mahukud (2011), Financial Institutions and Markets, Tata McGraw Hill, 5<sup>th</sup> Edition.
8. Deshmukh D.N (2014), Indian Banking System, Chandralok Prakashan, Kanpur.
9. Various Latest Issues of RBI Bulletins, Annual Reports, Reports on Currency and Finance.
10. Zhingan M.L., Money, Banking and International Trade,
11. Desai Vasant, Central Banking and Economic Development.
12. Panandikar S.G., Mithal D.M., Banking in India,
13. पाटील के.के., सोंडगे एम. एन.(1991), एमपीएससी, बँकींग, कैलाश पब्लिकेशन, औरंगाबाद.
14. जोशी, डांगे (1995), बँकींग, फडके प्रकाशन, कोल्हापूर.
15. बोधनकर सुधीर, कानेटकर मेधा (2000), भारतीय बँकींग प्रणाली, श्री साईनाथ प्रकाशन, नागपूर.
16. बैरागी के. पी. (2014), भारतीय बँक व्यवस्था, अथर्व प्रकाशन, पुणे.
17. सावळे एकनाथ, पाटील लक्ष्मण (2015), बँकींग, अरूणा प्रकाशन, लातूर
18. रायखेलकर ए.आर, दामजी (2004), अधिकोषण आणि सार्वजनिक वित्त, विद्या बुक्स पब्लिशर्स, औरंगाबाद.

**Swami Ramanand Teerth Marathwada University, Nanded's**  
**NEW MODEL DEGREE COLLEGE, HINGOLI**  
(With Effect from 2021-22)  
**B.A. Honors in Economics II Year IV Semester**  
**MS ECO-405 Development and Environmental Economics**

**Course Outline:**

This Paper glances rapidly on the term Economic Development only to understand the concept of Less Development Countries and their characteristics. It also gives emphasis on factors promoting to and obstacles of Economic Development. Furthermore, it highlights the factors in Economic Development Process such as, Natural Resources, Population, Saving, Capital formation and so on. At times, it also brings in light the environmental concepts related with Economic Development such as pollution, sustainable development etc.

**Course Objectives:**

- i) To study the factors promoting to and obstacles of Economic Development.
- ii) To highlights the factors in Economic Development Process.
- iii) To familiarize students with the Environmental Concept.
- iv) To highlight the importance of environment in the process of development.
- v) To understand the concept of Sustainable Development.

**Unit I: Economic development: an overview**

- 1.1 Less Developed Countries (LDC's) - Meaning and Characteristics.
- 1.2 Factors Promoting Economic Development.
- 1.3 Obstacles to Economic Development.

**Unit II: Factors in the Development Process**

- 2.1 Natural Resources – Renewable and Non-renewable.
- 2.2 Population – Theory of Optimum Population.
- 2.3 Saving – The Role of Savings in Economic Development.
- 2.4 Capital Formation – Reasons of Low rate of Capital Formation in underdeveloped Countries.

### **Unit III: Environment and Economic Development**

- 3.1 Environment – Meaning, Importance in Economic Development.
- 3.2 Pollution - Meaning, Types, Causes and Effects.
- 3.3 Control of Environmental Pollution.
- 3.4 Sustainable Development – Meaning and Indicators.

#### **Books Recommended:**

1. Dixon John A. and Lovise A. Fallon (1989), 'the Concept of Sustainability: Origins, Extensions and Peacefulness for Policy, Society and Natural Resources.
2. Barthwal R.R. and Shukla J.B. (1993), Sustainable Development and the Environment : Proceedings of the National Seminar of the Indian Society for Technical Education, IIT, Kanpur, January 1993, Published by Allied Publications, New Delhi.
3. Kumar Ratnesh (2006), 'Environmental Economics: Theory & Practices', Deep & Deep Publication Pvt. Ltd., New Delhi.
4. Lekhi R.K. (2008), Development and Environmental Economics, Kalyani Publishers, Ludhiana.
5. Charles Kolstad (2010), Intermediate Environmental Economics, Oxford University Press, 2<sup>nd</sup> Edition.
6. खंदारे विलास (२००५), विकास आणि पर्यावरणीय अर्थशास्त्र, कैलाश पब्लिकेशन, औरंगाबाद.
7. वराट तु.म. (२००४), पर्यावरणशास्त्र एक अभ्यास, रेणुका प्रकाशन, औरंगाबाद.
8. इंगळे बी. डी. (२०१०), विकास आणि पर्यावरणीय अर्थशास्त्र, अरूणा प्रकाशन, लातूर.
9. दातीर आर. के. (२०१२), विकास आणि पर्यावरणाचे अर्थशास्त्र, निराळी प्रकाशन, पुणे.
10. कुलकर्णी/दीक्षीत/सोंडगे/डिसले (२०१४), पर्यावरणशास्त्र, विद्या बुक्स पब्लिशर्स, औरंगाबाद.

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(With Effect from 2021-22)  
**B.A. Honors in Economics II Year IV Semester**  
**MA ECO-406 Quantitative Techniques – II**

**Course Outline:**

The Course has been framed by considering the importance of statistics in the present days. The students will get more knowledge about the techniques of statistics. This course is very beneficial for the research. The course provides practicability and is very important to stand firmly in the world level competition. The course includes Testing of Hypothesis, analysis of variance, Interpolation and Extrapolation.

**Course Objectives:**

- i) To instill the basic ideas of Testing of Hypothesis and analysis of variance among the students.
- ii) To study the use of Testing of Hypothesis & analysis of variance in the research.
- iii) To understand the various techniques in statistics.
- iv) To teach the methods of interpolation.

**Unit I: Testing of Hypotheses**

- 1.1 Formulation of statistical hypotheses - Null and alternative.
- 1.2 Procedure for Hypotheses Testing. Types of Errors.
- 1.3 Tests of Significance for small samples - Student's t distribution.
- 1.4  $\chi^2$  (Chi-square) test.

**Unit II: Analysis of Variance**

- 2.1 Introduction, Assumptions and Technique of Analysis of Variance.
- 2.2 One-way Classification
- 2.3 Two-way Classification
- 2.4 ANOVA table; F-test

**Unit III: Interpolation and Extrapolation**

- 3.1 Meaning & Significance of interpolation and extrapolation.
- 3.2 Methods of interpolation – Binomial expansion method
- 3.3 Newton's method.
- 3.4 Lagrange Method.

**Books Recommended:**

1. Croxfor F.E., Cowden D.J. and Kleins (1973), Applied General Statistics, Prentice Hall, New Delhi.
2. Alien R.G.D.(1974), Mathematical Analysis for Economists-Macmillan Press, London.
3. Speigal M.R. (1992), Theory and Problems of Statistics, McGraw Hill Book, London.
4. Gupta S.C. (1993), Fundamentals of Applied Statistics, S. Chand & Sons, New Delhi.
5. Gupta S.P. (2009), Statistical Methods, Sultan Chand & Sons, New Delhi.
6. देशमुख राम (२००५), मुलभूत सांख्यिकी, विद्या प्रकाशन, नागपूर.
7. महाजन वाय. आर. (२००५), सांख्यिकी, पिंपळापूरे अँड कं. पब्लिशर्स, नागपूर.
8. खटाळ बी. जी. (२०१२), सांख्यिकीय पध्दती, प्रशांत पब्लिकेशन, जळगाव.
9. कोलते एस. एम. (२०१३), सांख्यिकी तत्व आणि व्यवहार, पिंपळापूरे अँड कं. पब्लिशर्स, नागपूर.
10. शेवाळे, पवार, शबनम (२०१६), संख्यात्मक तंत्रे आणि संशोधन पध्दती, विद्या बुक्स पब्लिशर्स, औरंगाबाद.
11. कदम विश्वास (२०१४), सांख्यिकी पध्दती, कैलास पब्लिकेशन्स, औरंगाबाद.