SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

SYLLABUS

Faculty of Humanities

B.A. Second Year

Semester III & IV

ECONOMICS

Semester Pattern

(Choice Based Credit System)

(With effect from 2020-21)

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

Choice Based Credit System (CBCS) Course Structure

Faculty of Humanities

B.A. Second Year

With effect from : 2020-21

Subject: Economics

Semester	Core Course	Paper No	Name of the Paper	Lecture per week	Total No. Of Lectures	CA	ESE	Total Marks	Credits
Semester III	ECO	V	Macro Economics - I (Compulsory)	4	55	25	50	75	3
	ECO	VI	Quantitative Techniques –I (Opt.) OR Economics of Development (Opt.)	4	55	25	50	75	3
	SEC-I		Cashless Transactions	3	45	25	25	50	2
	Total			11	155	75	125	200	8
Semester IV	ECO	VII	Macro Economics - II (Compulsory)	4	55	25	50	75	3
	ECO	VIII	Quantitative Techniques -II (Opt.) OR Economics of Development and Environment. (Opt.)	4	55	25	50	75	3
	SEC - II		Data Collection	3	45	25	25	50	2
	Total			11	155	75	125	200	8
Grand Total (Sem. III & IV)				22	310	150	250	400	16

SEC = Skill Enhancement Course

Swami Ramanand Teerth Marathwada University, Nanded
CBCS - Paper Pattern in the Subject of Economics
Faculty of Humanities
B.A. Second Year (With Effect from 2020-21)
Semester-III

Paper No	Title of the Paper	Continuous Assessment (C.A.)	End of Semester Examination (E.S.E.)
V	Macro Economics – I (Comp.)	25	50
VI	Quantitative Techniques -I (Opt.) **OR** Economics of Development of (Opt.)	25	50
SEC-I	Cashless Transaction	25	25

Semester - IV

Paper No	Title of the Paper	Continuous Assessment (C. A.)	End of Semester Examination (E.S.E.)
VII	Macro Economics – II (Comp.)	25	50
VIII	Quantitative Techniques –II (Opt.) **OR** Economics of Development and Environment (Opt.)	25	50
SEC-II	Data Collection	25	25

*Core Course: **25 Marks**
1) **Continuous Assessment (C.A.) :**
   One Class Test for   = 10 Marks
   One Home Assignment for   = 10 Marks
   One Seminar for   = 05 Marks
2) **End of Semester Examination (E.S.E.):**   50 Marks

*Skill Enhancement Course (SEC):   **50 Marks**
1) **Continuous Assessment (C. A.) :**   **25 Marks**
   One Class Test for   = 10 Marks
   One Home Assignment for   = 10 Marks
   One Seminar (Abstract must) for   = 05 Marks
2) **End of Semester Examination (E.S.E.) :**   **25 Marks**
   • Skill Development Activities (Project) for   = 10 Marks
   • Theory Examination on Prescribed Syllabus by Using University Answer Book for   = 10 Marks
   • Presentation of Project (Viva-Voce) for   = 05 Marks
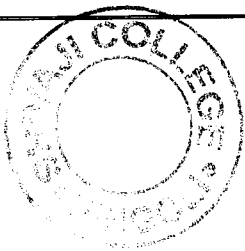
A) Core Course:

Q. 1	Descriptive question	**10 Marks**
	OR	
	Descriptive question	

Q. 2	Descriptive question	**10 Marks**
	OR	
	Descriptive question	

Q. 3	Descriptive question	**10 Marks**
	OR	
	Descriptive question	

Q. 4	Descriptive question	**10 Marks**
	OR	
	Descriptive question	

Q . 5   Write short notes on (any two).   **10 Marks**
  i)
  ii)
  iii)
  iv)

B) **End of Semester Examination (E.S.E.) :**   **25 Marks**
- Skill Development Activities (Project) for   = 10 Marks
- Theory Examination on Prescribed Syllabus
  by Using University Answer Book for   = 10 Marks
- Presentation of Project (Viva-Voce) for   = 05 Marks

Unit III : **Role of Money in the Economy**
    3.1 Definition and Functions of Money;

    3.2 Value of money and its measurement: Index Number;

    3.3 Quantity Theory of Money: Fisher and Cambridge Approaches.

Unit IV : **Inflation and Deflation**
    4.1 Meaning and types of Inflation;

    4.2 Inflation and its effects;

    4.3 Deflation and its effects.

Unit V : **Income and Employment determination in closed economy**
    5.1 Says law of Market;

    5.2 Keynesian system and closed economy in short run: Consumption Function;

    5.3 Keynesian model of income and employment determination.

Books Recommended:
1. Abel, A., Bernanke, B. (2016). Macroeconomics, 9th ed. Pearson Education.
2. Blanchard, O. (2018). Macroeconomics, 7th ed. Pearson Education.
3. Dornbusch, R., Fischer, S., Startz, R. (2018). Macroeconomics, 12th ed. McGraw-Hill.
4. Jones, C. (2016). Macroeconomics, 4th ed. W. W. Norton.
5. Mankiw, N. (2016). Macroeconomics, 9th ed. Worth Publishers.
6. Ackley, G(1976),Macro Economics: Theory and Policy, Macmillan Publishing Company,NewYork.
7. Ahuja H.L. (2002) Macro Economics, Theory and Policy, S. Chand and Co.Ltd., New Delhi.
8. Zingan M.L.(2009) Macro Economic Theory, Vrinda Pub. (P) Ltd., Delhi.
9. Mithini D.M. (2016) Macro Economics, Himalaya Publishing House Pvt. Ltd.,Mumbai.
१०. शेळके माधव (1987), स्थूल अर्थशास्त्र, पिंपळापुरे अॅड कं. पब्लिशर्स, नागपुर.
११. सोळुंके आर. एस.,पाटील के.के. (1994)स्थूल अर्थशास्त्र,गोमटेश प्रकाशन,कोल्हापूर.
१२. डॉ. तिकटे,मुक्टे (2014) स्थूल अर्थशास्त्र,अरूणा प्रकाशन, लातूर.
१३. वाणी नीता (2016) स्थूल अर्थशास्त्र,प्रशांत पब्लिकेशन, जळगाव.
१४. एम.एल. झिंगन (2004) समष्टि अर्थशास्त्र, विद्या पब्लिकेशन, मयूर विहार, दिल्ली.
१५. राम देशमुख, (1998) स्थूल अर्थशास्त्र,कल्पना प्रकाशन,नांदेड.
१६. रा.य. माहोरे (2003) समष्टि अर्थशास्त्र, हिमालया पब्लिकेशन,नागपूर.
१७. जी. एन. झामरे (2008) समष्टि अर्थशास्त्रीय विश्लेषण पिंपळापुरे पब्लिकेशन,नागपूर.
१८. सूर्यकांत पवार (2014) स्थूल अर्थशास्त्र,नवप्रवर्तन, पब्लिकेशन, लातूर.
१९. रायखेलकर, दामजी, स्थूल अर्थशास्त्र व सार्वजनिक वित्त, विद्या बुक्स पब्लिशर्स, औरंगाबाद.

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Credit -03	Period -55	Marks = 75

Theory (ESE) 50 Marks + Interanal (CA) 25 Marks = 75 Marks

Course Outline :
The course introduces students to the basic concepts and framework of Macroeconomics. Macroeconomics deals with the aggregate economy. This first module discusses the preliminary concepts associated with the determination and measurement of aggregate macroeconomic variable like GDP, money, inflation, and the income determination in a closed economy. It also introduces students to simple analytical frameworks for determination of equilibrium output.

Course Objectives:
1. To prepare the students to understand the basic introductory principles of macroeconomic theory.

2. To help students to understand the basic analytic framework and models of macroeconomics in a gradual manner.

3. To equip students to analyses the real world economic issues in a rational manner.

Course Utility:
This course aims to develop the broad conceptual frameworks, which will enable students to understand and comment upon real economic issues like inflation, money supply, GDP and their interlinkages

Course content:

Periods

Unit I :   Introduction to macroeconomics   **10**
  1.1 Nature and Scope of macroeconomics;

  1.2 Basic issues studied in macroeconomics;

  1.3 Circular Flow of Income.

Unit II :   National Income Accounting   **15**
  2.1 Meaning ,Features and Importance of National Income Accounting;

  2.2 Methods of National Income Accounting and Difficulties in the measurement

    of National Income;

  2.3 Concept of real versus nominal GDP, Depreciation, and GNP, NNP, Personal

    Income , Disposable Income and Per Capita Income.

Unit III : Role of Money in the Economy
  3.1 Definition and Functions of Money;

  3.2 Value of money and its measurement: Index Number;

  3.3 Quantity Theory of Money: Fisher and Cambridge Approaches.

Unit IV : Inflation and Deflation
  4.1 Meaning and types of Inflation

  4.2 Inflation and its effects;

  4.3 Deflation and its effects.

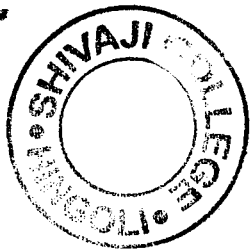**Unit V : Income and Employment determination in closed economy**
  5.1 Says law of Market;

  5.2 Keynesian system and closed economy in short run: Consumption Function;

  5.3 Keynesian model of income and employment determination.

Books Recommended:
1. Abel, A., Bernanke, B. (2016). Macroeconomics, 9th ed. Pearson Education.
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4. Jones, C. (2016). Macroeconomics, 4th ed. W. W. Norton.
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9. Mithini D.M. (2016) Macro Economics, Himalaya Publishing House Pvt. Ltd.,Mumbai.
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११. सोळुंके आर. एस.,पाटील के.के. (1994)स्थूल अर्थशास्त्र,गोमटेश प्रकाशन,कोल्हापूर.

१२. डॉ. तिकटे,मुक्टे (2014) स्थूल अर्थशास्त्र,अरूणा प्रकाशन, लातूर.

१३. वाणी नीता (2016) स्थूल अर्थशास्त्र,प्रशांत पब्लिकेशन, जळगाव.

१४. एम.एल. झिंगन (2004) समष्टि अर्थशास्त्र, विद्या पब्लिकेशन, मयूर विहार, दिल्ली.

१५. राम देशमुख, (1998) स्थूल अर्थशास्त्र,कल्पना प्रकाशन,नांदेड.

१६. रा.य. माहोरे (2003) समष्टि अर्थशास्त्र, हिमालया पब्लिकेशन,नागपूर.

१७. जी. एन. झामरे (2008) समष्टि अर्थशास्त्रीय विश्लेषण पिंपळापुरे पब्लिकेशन,नागपूर.

१८. सूर्यकांत पवार (2014) स्थूल अर्थशास्त्र,नवप्रवर्तन, पब्लिकेशन, लातूर.

१९. रायखेलकर, दामजी, स्थूल अर्थशास्त्र व सार्वजनिक वित्त, विद्या बुक्स पब्लिशर्स, औरंगाबाद

Credit -03	Period -55	Marks = 75

Theory (ESE) 50 Marks + Interanal (CA) 25 Marks = 75 Marks

Course Outline:

Quantitative Techniques is one of the main streams of applied Economics. The course is introduced to train the students to use statistical techniques in economic analysis. Variation, correlation and regression are main content of the course. The emphasis of this course is on understanding economic concepts with the help of statistical method.

Course Objectives:

1. To apply quantitative skill to real economic problems.
2. To study the rank correlation coefficient and apply practically.
3. To study the various techniques in statistics.
4. To study the mathematical techniques in the competitive exams.
5. To study for the increase of the numerical efficiency among the student.

Course Utility:

The course is helpful to study other branches of economics and research. The course will be useful for the students to understand data analysis, estimation and inference since the course is best on the techniques of statistics.

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Course content:

Unit I : Mean Deviation from Mean   10
1.1   Definitions of variation, Coefficient of Variation
1.2   Meaning of mean deviation from mean.
1.3   Measurement of mean deviation and its coefficient from mean :
        (i) Simple series   (ii) Discrete series and (iii) continuous series
1.4   Importance of mean deviation from mean.

Unit II : Mean Deviation from Median   10
2.1   Meaning of mean deviation from median.
2.2   Measurement of mean deviation and its coefficient from median:
        (i) Simple series (ii) Discrete series and (iii) Continuous series
2.3   Importance of mean deviation from median.

Unit III : Mean Deviation of Mode   15
3.1   Meaning of mean deviation from mode.
3.2   Measurement of mean deviation and its coefficient from mode:
        (i) Simple series   (ii) Discrete series and   (iii) Continuous series.
3.3   Importance of mean deviation from mode.
3.4   Advantages and Disadvantages of mean deviation.
3.5   Lorenz curve.

Unit IV : Correlation Analysis   10
4.1   Rank correlation coefficient – Charles Edward Spearman's method –
        (i) Rank are given (ii) Rank are not given and (iii) Equal Rank .
4.2   Merits of Rank correlation.
4.3   Limitations of Rank correlation.

Unit V :   Regression Analysis   10
5.1   Meaning of Regression Analysis.
5.2   Difference between correlation and Regression Analysis.
5.3   Regression Line- Preparation of Regression line with the help of Least square
        method- (i) Regression line of X on Y and   ii) Regression line of Y on X.

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Book Recommended:

1) Allen R.G.D. (1974) , Mathematical Analysis for Economists – Macmillan press, London.

2) Gupta S.C. and Kapoor V. K (1993), Applied General Statistics, Prentice Hall, New Delhi.

3) Chiang A.C (1986), Fundamental Method of mathematical Economics, Mc Graw Hill,New Delhi.

4) Monga G.S. (1972), Mathematical and statistics for Economists, Vikas Publication House ,New Delhi.

5) Speigal M.R. (1972), Theory and problems of statistics, MC Graw Hill Book, London.

6) S.P. Gupta (1995), Statistical methods, Sultan chand & sons, New Delhi.

7) Prof. Y.R. Mahajan (1991), Problems in Statistics, Pimplapure & co. publishers, Nagpur.

8) Ajay Goel, Alka Goel,Mathematics and statistics,Taxmann Allied services Pvt.Ltd, New Delhi,ISBN No.-817496-255-7

9) प्रा. राम देशमुख (२०११), मूलभूत सांख्यिकी, विदया प्रकाशन, रुईकर रोड महाल, नागपूर.

10) प्रा.वाय.आर महाजन (२००५), सांख्यिकी (Statstics -Theory and practice), पिंपळापुरे ॲन्ड क. पब्लिशर्स, नागपूर.

11) डॉ. शेवाळे/डॉ. पवार/प्रा.श्शबनम/(२०१६), संख्यात्मक तंत्रे व संशोधन पध्दती, विदया बुक्स पब्लिशर्स, औरंगपुरा, औरंगाबाद.

12) कदम विश्वास, (२०१४), सांख्यिकी पध्दती, कैलास पब्लिकेशन्स,औरंगाबाद.

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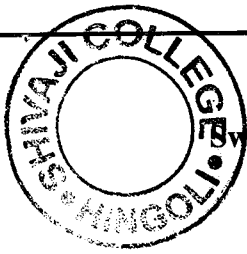
Swami Ramanand Teerth Marathwada University,Nanded
(With Effect from 2020-2021)
B.A. Second Year - Semester - III
Economics
Paper - VI - Economics of Development (Optional)

| Credit -03 | Period -55 | Marks = 75 |

Theory (ESE) 50 Marks + Interanal (CA) 25 Marks = 75 Marks

Course Outline :

This paper deals with the concepts of Economic Development and Economic Growth explaining the differences between them. It also throws light on the indicators of Economic Growth and measurements of Economic Developments.

This paper enables students to acquaint not only with classical theories but also introduces them with other theories of Economic Development. Furthermore, it highlights the factors in Economic Development process such as, Natural Resources, Population etc.

Course Objectives :

1. To make students sentient with the changes in development concepts.

2. To furnish the students with recent development theories.

3. To highlight the classical, neoclassical and modern approach towards development.

4. To elucidate the role of government's scheme in economic development.

Course Utility :

1. Course will be useful in understanding the concept of development from many dimensions.

2. Learners will be aware of the different approaches towards development.

3. Course will be useful in understanding different government scheme in the process of economic development .

4. Course enables learners with the current scenario of development among different countries.

Course Content :   **Periods**
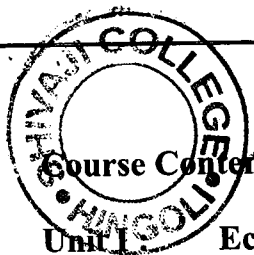
Unit I :   **Economic Development and Growth**   **10**

       1.1   Concept of Economic Development.

       1.2   Concept of Economic Growth - Indicators of Economic Growth.

       1.3   Difference between Economic Development and Economic Growth.

Unit II :   **Theories of Economic Development - I**   **10**

       2.1   Adam Smith's Theory of Economic Development

       2.2   David Ricardo's Theory of Economic Development

       2.3   Malthusian Theory of Economic Development

Unit III :   **Theories of Economic Development – II**   **15**

       3.1   Karl Marx's Theory of Economic Development.

       3.2   Rostow's Stages of Economic Growth.

       3.3   Lewis Theory of Unlimited Supply of Labour

Unit IV :   **Factors in the Economic Development Process**   **10**

       4.1   Natural Resources - Renewable and Non-renewable

       4.2   Population - Theory of Optimum Population

       4.3   Saving - The Role of Savings in Economic Development

Unit V :   **Government Policies and Economic Development.**   **10**

       5.1   Mahatma Gandhi National Rural Employment Guarantee scheme-Features, importance and scope.

       5.2   Pradhan Mantri Gram Sadak Yojana – Features, importance and scope.

       5.3   Pradhan Mantri Awas Yojana - Features, importance and scope
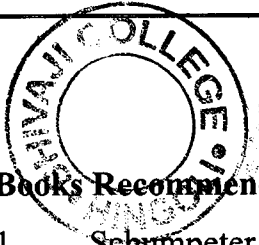
Books Recommended:

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 Manchaster 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 Underdevelopment countries, Oxford University Press, Delhi.

6. Jhingan M.L. (1973), the Economic of Development and Planning, Vikas Publishing House, New Delhi.

7. Misra S.K., Puri V.K. (XIV Edition 2012), Economics of Development and Planning, Himalaya Publishing House, New Delhi.

8. गायकवाड ज.पा.,अशोक बोरीकर (1976) आर्थिक विकास आणि आर्थिक नियोजन, विद्या प्रकाशन,नागपूर.

9. पत्की अ.द.,साबळे म.ना.,(1976)विकासाचे अर्थशास्त्र आणि नियोजन,विद्या बुक्स पब्लिशर्स, औरंगाबाद.

10. कुरूलकर र.पु.,अरविंद एकताटे(1991) विकासाचे अर्थशास्त्र,विद्या प्रकाशन, नागपूर.

११. कुमानाचे पी.आर.,(1992)विकासाचे अर्थशास्त्र आणि नियोजन, कैलाश पब्लिकेशन,औरंगाबाद.

१२. भोसले,काटे (1998)विकासाचे अर्थशास्त्र आणि नियोजन,फडके प्रकाशन,कोल्हापूर.

१३. तु.म.वराट., (2004)पर्यावरणशास्त्र एक अभ्यास,रेणूका प्रकाशन,औरंगाबाद.

१४. फडणवीस मृणालिनी (2006) विकासाचे अर्थशास्त्र आणि सिध्दांत, विद्या प्रकाशन, नागपूर.

१५. पाटील जे.एफ.संपा.(2007) वृध्दी व विकासाचे अर्थशास्त्र,फडके प्रकाशन,कोल्हापूर.

१६. देशपांडे श्रीधर, देशपांडे विनायक (2010) भारतीय अर्थव्यवस्था, हिमालया पब्लिशिंग हाऊस, गिरगांव, मुंबई.

१७. इंगळे बी.डी.(2015) विकास आणि पर्यावरणीय अर्थशास्त्र,अरूणा प्रकाशन, लातूर.

१८. वावरे अनिलकुमार, लोंढे मारूती,(2015)विकास व नियोजनाचे अर्थशास्त्र,औरंगाबाद.
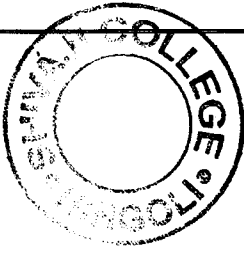
Swami Ramanand Teerth Marathwada University, Nanded

(With Effect from 2020-2021)
B.A. Second Year - Semester - III
Economics
Skill Enhancement Course
Cashless Transaction (SEC- I)

Credit -02	Period -45	Marks = 50

CASHLESS TRANSACTIONS

Course Outline:

An introduction to Money and Banking and the role of banks in the economy, not only the students learn about traditional modes of payments but they are also able to know about the modern modes of payments which help in making cashless economy.
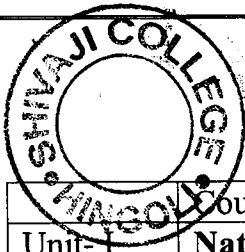
Aims and objectives of course :

- The specific aims of this course are :
- To enable the students to understand various aspects of Cashless Transactions.
- To provide basic knowledge of Money and Banking systems.
- To identify key issues and problems in cash economy.
- To introduce the key economic concepts, required to analyse cashless transactions.
- To illustrate how the new modes of payments (cashless) can be made easy in cashless transaction.
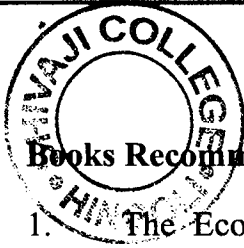
Learning outcomes of course :

completed the essential reading and activities students should:

- Discuss Banking systems inexistence and how they are structured
- Explain the relative importance of new modes of payments (cashless) in transactions.
- Discuss the main types of cashless instruments and the main techniques employed by banks.

	Course Content	Periods
Unit-I	**Nature and Significance of Money:** Money : Definition, Barter System, Evolution of Money, Characteristics and Functions of Money	07
Unit-II	**Evolution of Bank:** Bank : Definition, Evolution of Banking in India Classification of Banks, Formalities and Procedures of Opening Accounts.	08
Unit-III	**Cashless Economy :** Meaning of Cashless Economy, Types and Modes of Payment of Cashless Economy, Advantages and Disadvantages of Cashless Economy, Challenges in Transforming Cashless India.	10
	SKILL DEVELOPMENT ACTIVITIES **(Any five of the following)** 1. Prepare a chart showing the function of Money. 2. Prepare a chart showing the structure of any one of new mode of payment like Paytm, UPI, BHIM. 3. Prepare a specimen of any two new modes of payments. 4. Visits a bank and collect various slips, application etc. and fill it. 5. Visit a bank and collect information about the various Instruments of Cashless. 6. Find out the recent trends in use of cashless instruments and make a class room presentation. 7. Analyze the working of any cashless instrument. 8. Draft a report about Cashless experience in the Indian context. 9. Conduct a survey and enlist the retail shops and Nature of transactions carried on in your locality with Cashless. 10. Visit the retail shops in busy place of your locality and report the factors influencing the Cashless transaction.	25
		50

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Books Recommended:

1. The Economics of Money, Banking, and Financial Series in Economics) by Frederic S. Mishkin, Seve 22nd 2005

2. Money And Banking by Dudley G. Luckett Paper back, 1984 by McGraw-Hill

3. The Theory and History of Banking: Charles Franklin Dunbar, Oliver Mit.... Wentworth Sprague, Henry Parker WillisPaperback, Large Print, Published Nabu Press.

4. Modern Banking In India: K.N. Subrahmanya, Deep & Deep Publications, New Delhi Bank Finance For Rural Development: L K Naidu, Ashish publishing house. Delhi.

5. Money and Banking: A.A.Walters, Harmondsworth, Penguin Education,

6. Money, Banking and International Trade: K.P.M.Sundharam, Sultan Chand & Sons, New Delhi.

7. Fundamentals of Banking: Rita S.Swami, Sheth Publishers, Mumbai.

8. Money, Banking, International Trade and Public Finance: D. M. Mithani, Himalaya Publishing House, Mumbai.

9. Reform of The Indian Banking System: S.L.N. Simha,OrientLongman Ltd, New Delhi.

10. Money banking international trade and public finance: M.L.Jhingan, Vrinda Publication, Delhi.

११. चांदूरकर, वि.वु. : मुद्राशास्त्र व मौद्रिक मीमांसा,विद्या प्रकाशन, नागपूर.

१२. खोलकुटे, आ.द. : मुद्रा उत्पन्न आणि रोजगार,आर्थिक आणि वाणिज्य प्रकाशन, नागपूर.

१३. साबळे,ए.बी. व सहस्रबुध्दे,एस.बी. : मुद्रा आय राजस्व आणि आंतरराष्ट्रीय व्यापार , मंगेश प्रकाशन, नागपूर.

१४. मेहता, पुरूषोत्तम : अभिनव मुद्राशास्त्र, जीवन प्रकाशन, नागपूर.

१५. महाजन, मुकुंद : बॅंक व्यवसाय व वित्त पुरवठा, निराली प्रकाशन, पुणे.

१६. कानेटकर,मेधा : पैशाचे अर्थशास्त्र, श्री साईनाथ प्रकाशन, नागपूर.

१७. बोधनकर,सुधीर, कानेटकर,मेधा : पैसा, अधिकोषण, राजस्व आणि आंतरराष्ट्रीय अर्थशास्त्र, श्री साईनाथ प्रकाशन, नागपूर.

१८. रायखेलकर, ए.आर., दातली, बी.एच.: मुद्रा—अधिकोषण आणि सार्वजनिक वित्त, विद्या बुक्स पब्लिशर्स, औरंगाबाद.

१९. बैरागी, के.पी., देसाई, रमेश : बॅंक व्यवसायाची मूलतत्वे, अथर्व प्रकाशन, पुणे.

२०. कोलते एस.एम. : भारतीय बॅंकिंग प्रणाली, प्रशांत पब्लिकेशन, जळगाव.

२१. गंगाधर कायदे, पैसा, बॅंकिंग आणि राजस्व, चैतन्य पब्लिकेशन, नाशिक.

२२. लांजेकर जगदीश : बॅंक व्यवसाय व वित्तपुरवठा, डायमंड पब्लिकेशन, पुणे.

Swami Ramanand Teerth Marathwada University, Nanded
(With Effect from 2020-2021)
B.A. Second Year - Semester - IV
Economics
Paper - VII - Macro Economics - II (Compulsory)

Credit -03	Period -55	Marks = 75

Theory (ESE) 50 Marks + Interanal (CA) 25 Marks = 75 Marks

Course Outline :

This is the second module of Macroeconomics. This course introduces students to formal modeling of the macro economy in terms of analytical tools. It discusses various alternative theories of output and employment determination in a closed economy. The course also deals with the business cycles and international trade. It also introduces students to simple analytical frameworks for determination of equilibrium output.

Course Objectives:
1. To prepare the students to understand the basic introductory principles of investment multiplier and principal of acceleration.

2. To help students to understand the basic analytic framework and models of banking system in a gradual manner.

3. To equip students to analyses the globalized world economic issues in a rational manner.

Course Utility :
This course aims to develop the broad conceptual frameworks, which will enable students to understand and comment upon real economic issues like employment and multiplier, acceleration, banking system, open economy, and their interlinkages. It will also allow the students to evaluate various macroeconomic policies in terms of a coherent logical structure.

Course content: Periods

Unit 1 : **Investment Function and Multiplier Effect** 11
    1.1   Marginal efficiency of Capital and Investment;
        [Marathi handwritten text]
    1.2   Investment Multiplier : Meaning and working;

    1.3   Leakages in the investment multiplier.

Unit 2 : **Investment and Acceleration Principle** 11
    2.1   Meaning and theory of acceleration;

    2.2   Limitations of Acceleration

    2.3   Interaction between Multiplier and Acceleration.
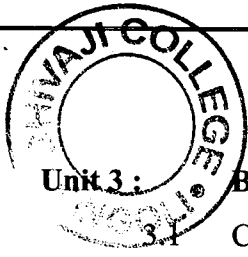
Unit 3 :   **Banking**   **11**
        3.1   Commercial banks: Meaning and Functions;

        3.2   Credit creation by commercial banks;

        3.3   Central Bank : Functions and Credit control measures of central bank.

Unit 4 :   **Business Cycles**   **11**
        4.1   Meaning, features and types of business cycles;

        4.2   Keynesian theory of business cycle;

        4.3   Measures to control business cycles.

Unit 5 :   **Open economy Macroeconomics**   **11**
        5.1   Importance of International Trade, Finance and Investment;

        5.2   Ricardian (comparative cost theory) and Heckschr-Ohlin theory of international

              trade;

        5.3   National Income accounting for an open economy.

Books Recommended:

1.   Abel, A., Bernanke, B. (2016). Macroeconomics, 9th ed. Pearson Education.

2.   Blanchard, O. (2018). Macroeconomics, 7th ed. Pearson Education.

3.   Dornbusch, R., Fischer, S., Startz, R. (2018). Macroeconomics, 12th ed.McGraw-Hill.

4.   Jones, C. (2016). Macroeconomics, 4th ed. W. W. Norton.

5.   Mankiw, N. (2016). Macroeconomics, 9th ed. Worth Publishers.

६.   सोळुंके आर. एस.,पाटील के.के. (1994)स्थूल अर्थशास्त्र,गोमटेश प्रकाशन,कोल्हापूर.

७.   डॉ. तिकटे,मुक्टे (2014) स्थूल अर्थशास्त्र,अरूणा प्रकाशन, लातूर.

८.   वाणी नीता (2016) स्थूल अर्थशास्त्र,प्रशांत पब्लिकेशन, जळगाव.

९.   एम.एल. झिंगन (2004)   समष्टि अर्थशास्त्र, विद्या पब्लिकेशन, मयूर विहार, दिल्ली.

१०.   राम देशमुख, (1998) स्थूल अर्थशास्त्र,कल्पना प्रकाशन,नांदेड.

११.   रा.य. माहोरे (2003)   समष्टि अर्थशास्त्र, हिमालया पब्लिकेशन,नागपूर.

१२.   जी. एन. झामरे (2008) समष्टि अर्थशास्त्रीय विश्लेषण पिंपळापूरे पब्लिकेशन,नागपूर.

१३.   सूर्यकांत पवार (2014) स्थूल अर्थशास्त्र,नवप्रवर्तन, पब्लिकेशन, लातूर.

१४.   रायखेलकर, दामजी, स्थूल अर्थशास्त्र व सार्वजनिक वित्त, विद्या बुक्स पब्लिशर्स, औरंगाबाद.

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Swami Ramanand Teerth Marathwada University, Nanded
(With Effect from 2020-2021)
B.A. Second Year - Semester - IV
Economics
Paper - VIII - Quantitative Techniques - II (Optional)

Credit -03	Period -55	Marks = 75

Theory (ESE) 50 Marks + Interanal (CA) 25 Marks = 75 Marks

Course outline:

The course has been framed by considering the importance of statistics in the present day. The student will get more knowledge about the techniques of statistics. This course is very beneficial for research. The course provides practicability and it's very important to stand firmly in the world level competition. The course provides main ideas like Time series analysis, Index Numbers, Skewness, Kurtosis and moments.

Course Objectives:

1. To study the consumer price index number.
2. To study the specially family budget method in consumer price index.
3. To create the awareness about coefficient of skewness among the students.

Course Utility:

1. Students will get knowledge about how the value of money is decided.
2. Students will study price differentiation between base year and current year.
3. Students will study the change in economic factors in course of times.
4. Students will study the economic & social trend with the help of moving average method.
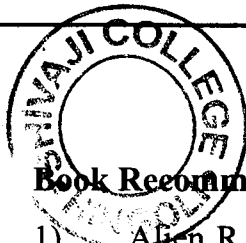
Course content: **Periods**

Unit 1 :   **Skewness**   **11**
    1.1   Meaning of skewness.
    1.2   Tests of skewness.
    1.3   Measurement of coefficient of skewness-.
           Karl Pearson's ,Dr. Bowley's and Kelly's method for simple series,
           Discrete series and continuous series.
    1.4   Significance of skewness.

Unit 2 :   **Moments**   **11**
    2.1 Meaning of moments.
    2.2 Problem of moments.

    2.3 Measurement of moments in - Discrete series and Continuous series.

    2.4 Significance of moments.

Unit 3 :   **Kurtosis**   **11**
    3.1 Meaning of Kurtosis.
    3.2 Types of Kurtosis.

    3.3 Measurement of Kurtosis in Discrete series and Continuous series.

    3.4 Significance of Kurtosis.

Unit 4 :   **Time Series Analysis**   **11**
    4.1 Meaning of Time series.
    4.2 Components of Time series.
    4.3 Measurement of Secular Trend –
           Graphical method , Moving Average method and , Least square method.
    4.4 Importance of Time series.

Unit 5 :   **Index Number**   **11**
    5.1 Meaning of Index Number.
    5.2 Uses of Index Number.
    5.3 Problems in the construction of Index Number.
    5.4 Meaning of Consumer Price Index Number , Methods of constructing Price
           Index Number-(i) Aggregate Expenditure method and (ii) Family Budget
           method.

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Book Recommended:

1) Allen R.G.D. (1974) , Mathematical Analysis for Economists – Macmillan press, London.

2) Gupta S.C. and Kapoor V. K (1993), Applied General Statistics, Prentice Hall, New Delhi.

3) Chiang A.C (1986), Fundamental Method of mathematical Economics, Mc Graw Hill,New Delhi.

4) Monga G.S. (1972), Mathematical and statistics for Economists, Vikas Publication House ,New Delhi.

5) Speigal M.R. (1972), Theory and problems of statistics, MC Graw Hill Book, London.

6) S.P. Gupta (1995), Statistical methods, Sultan Chand & sons, New Delhi.

7) Prof. Y.R. Mahajan (1991), Problems in Statistics, Pimplapure & co. publishers, Nagpur.

8) Ajay Goel, Alka Goel,Mathematics and statistics,Taxmann Allied services Pvt.Ltd, New Delhi,ISBN No.-817496-255-7

9) प्रा. राम देशमुख (२०११), मूलभूत सांख्यिकी, विदया प्रकाशन, रुईकर रोड महाल, नागपूर.

10) प्रा.वाय.आर महाजन (२००५), सांख्यिकी (Statstics -Theory and practice), पिंपळापुरे ॲन्ड क. पब्लिशर्स, नागपूर.

11) डॉ. श्शेवाळे/डॉ. पवार/प्रा.श्शबनम/(२०१६), संख्यात्मक तंत्रे व संशोधन पध्दती, विदया बुक्स पब्लिशर्स, औरंगपुरा, औरंगाबाद.

12) कदम विश्वास, (२०१४), सांख्यिकी पध्दती, कैलास पब्लिकेशन्स,औरंगाबाद.

Swami Ramanand Teerth Marathwada University,Nanded
(With Effect from 2020-2021)
B.A. Second Year - Semester - IV
Economics
Paper - VIII – Economics of Development and Environment (Optional)

Credit -03	Period -55	Marks = 75
Theory (ESE) 50 Marks + Interanal (CA) 25 Marks = 75 Marks		

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.

This paper enables students to comprehend the role of agriculture and industrialization in Economic Development. Not only it illuminates the importance of infrastructure in Economic Development, but emphasizes the importance of agricultural growth in globalization in terms of Economic Development. At times, it also brings in light the environmental concepts related with Economic Development such as Natural resources, pollution, sustainable development etc.

Course Objectives:

1. To familiarize students with the Environmental Concept.
2. To highlight the importance of environment in the process of development.
3. To elucidate different theories of environmental policy.
4. To emphasize the environmental problem in India.

Course Utility :

1. Students would understand the Environmental Concept.
2. Students will know the role of environment in the process of development.
3. Students will have an idea about sustainable development & natural resource management.
4. Learners will be familiar with the concept and theories of welfare.

Course Content	Periods
Unit-I Economic Development : an overview	**11**

1.1 Concept of less developed countries. Characteristics of Less developed countries(LDC's)

1.2 Factors promoting economic development मोलमेलदी

1.3 Obstacles to economic development. अडथळे *

Unit-II Sectoral view of Development   **11**

2.1 Role of Agriculture in Economic Development

2.2 Role of Industrialization in Economic Development.

2.3 Infrastructure and its importance in Economic Development

Unit-III Environment and Economic Development   **11**

3.1 Meaning, Definition and scope of Environment

3.2 Importance of Environment in economic development.

3.3 Concept and Indicators of Sustainable Development.

Unit-IV Resources and Economic Development.   **11**

4.1 Forest resources: Meaning and Importance

4.2 Water resources: Meaning and Importance

4.3 Food Resources: Meaning and Importance, World food problem.

Unit-V Pollution and Economic Development.   **11**

5.1 Air Pollution : Causes, effects and Control measures.

5.2 Water Pollution : Causes, effects and Control measures.

5.3 Sound (noise) Pollution: Causes, effects and Control measures.

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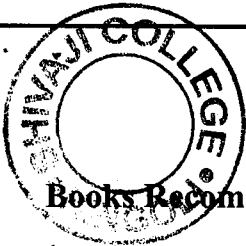
Books Recommended:

1. Dixon, John A. and Lovise A. Fallon (1989). "The Concept of Sustainability: Origins, Extensions and Peacefulness for Policy, Society and Natural Resources 2(2):73-74.

2. Goodland R., Daly, H.E. and E.L. Serafy, S. (eds.) (1991). Environ mentally SustainableEconomicDevelopment:BuildingonBrundtland,Washington,D.C., TheWorldBank,EnvironmentDeptt.payer46,p.85.

3. Barry, Dalal-Clation(1992).ModifiedEIAandInchatorsofSustainability:First StepTowardsSustainabilityAnalyst;WorldBankConferenceonEnvironmentand Sustainable Development: Washington,D.C.

4. Barthwal, R.R. and Shukla, J.B. (1993). Technical Educations, Sustainable DevelopmentandtheEnvironment:ProceedingsoftheNationalSeminarofthe IndianSocietyforTechnicalEducation,IIT,Kanpur,January1993,Publishedby AlliedPublications,NewDelhi,1994.

5. Barthwal, R.R. (1996). Environmentally Sustainable Development: The ConceptualFramework,PaperpresentedintheSeventy-ninthAnnualConference ofIndianEconomicAssociationVolume.

6. Furtado,JoseldosR.andTamaraBeltwithRamchandraJammi(2000):Economic Development and Environmental, Sustainability, WBI Learning Series, World Bank, Washington,D.C.

7. JGIDRSeries(2000).Environment,EconomicsandDevelopment,Environmental Governance - 5Mumbai.

8. KumarRatnesh(2006),"EnvironmentalEconomicsTheory&Practices"Deep & Deep Publication Pvt.Ltd. -F-159,RajouriGarden NewDelhi -110027.

9. R.K.Lekhiet.al(2008),DevelopmentandEnvironmentalEconomics,Kalyani Publishers,Ludhiana.

10. Charles,Kolstad(2010),IntermediateEnvironmentalEconomics,Oxford University Press, 2ndEdition.

११. गायकवाड ज.पा.,अशोक बोरीकर (1976) आर्थिक विकास आणि आर्थिक नियोजन, विद्या प्रकाशन,नागपूर.
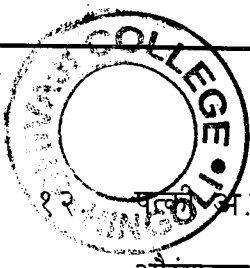
१२. ...म.द.,साबळे म.ना.,(1976) विकासाचे अर्थशास्त्र आणि नियोजन, विद्या बुक्स पब्लिशर्स, औरंगाबाद.

१३. कुरूलकर र.पु.,अरविंद एकताटे(1991) विकासाचे अर्थशास्त्र,विद्या प्रकाशन, नागपूर.

१४. कुमानाचे पी.आर.,(1992) विकासाचे अर्थशास्त्र आणि नियोजन,कैलाश पब्लिकेशन,औरंगाबाद.

१५. भोसले,काटे (1998) विकासाचे अर्थशास्त्र आणि नियोजन,फडके प्रकाशन,कोल्हापूर.

१६. तु.म.वराट., (2004) पर्यावरणशास्त्र एक अभ्यास,रेणूका प्रकाशन,औरंगाबाद.

१७. फडणवीस मृणालिनी (2006) विकासाचे अर्थशास्त्र आणि सिध्दांत, विद्या प्रकाशन, नागपूर.

१८. पाटील जे.एफ.संपा.(2007) वृध्दी व विकासाचे अर्थशास्त्र,फडके प्रकाशन,कोल्हापूर.

१९. देशपांडे श्रीधर, देशपांडे विनायक (2010) भारतीय अर्थव्यवस्था, हिमालया पब्लिशिंग हाऊस, गिरगांव, मुंबई.

२०. इंगळे बी.डी.(2015) विकास आणि पर्यावरणीय अर्थशास्त्र,अरूणा प्रकाशन, लातूर.

२१. वावरे अनिलकुमार, लेंढे मारूती, (2015) विकास व नियोजनाचे अर्थशास्त्र,औरंगाबाद.
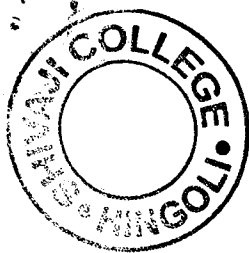
Swami Ramanand Teerth Marathwada University,Nanded
(With Effect from 2020-2021)
B.A. Second Year - Semester - IV
Economics
Skill Enhancement Course
Data Collection (SEC- II)

Credit -02	Period -45	Marks = 50

Theory (ESE) 25 Marks + Interanal (CA) 25 Marks = 50 Marks

Data Collection

Course outline :

The course will be given in the form of lectures and practical work.

Lectures will focus on research, especially with regard to sampling methods, data collection and data preparation. The course will focus on the practical implementation of diverse sample techniques. Students are expected to collect and classify the data.
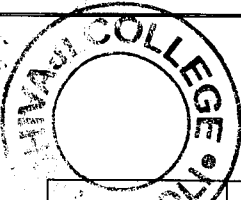
Aims and objectives of course:

- To develop the understanding of the basic concept of research
- To develop the understanding of the basic framework of sampling and data collection.
- To develop the understanding of various sampling methods and techniques.
- To identify various sources of information for data collection.
- To develop the understanding of the conducting survey on various issues.

Learning outcomes of course:

On completion of the course, the student shall be able to

- Demonstrate his/her understanding of sampling methods and the ability to use collection of data
- Identify the appropriate sample techniques for different kinds of research questions
- Identify the appropriate source of data in relation to the collection of research data.
- Able to classify and present the collected data in the form of graph, bar diagram, chart etc.

	Course Content	Periods
Unit : I	Introduction to Research: Meaning, Objectives, Types and Significance, Research Problem and Steps of Research	07
Unit : II	Techniques of Sampling: Census Method; Sample Survey- Methods of Sampling.	08
Unit : III	Methods of Data Collection: Meaning-Primary and Secondary data. Sources of Primary and Secondary Data,Methods of Collecting Primary and Secondary Data. Classification and Tabulation of data. Frequency Distribution and Graphical Presentation of data.	10
	SKILL DEVELOPMENT ACTIVITIES (Any five of the following) 1. Prepare a chart showing the steps of research. 2. Prepare a chart showing the sampling technique 3. Prepare Charts showing sources of primary data. 4. Prepare a chart showing sources of secondary data. 5. Collect the data relating to households income and prepare a graph. 6. Construct a questionnaire to measure student's attitude towards the purchase of two wheelers / readymade garments etc. 7. Administer the questionnaire you have developed on selected students (sample size of 10 students) in your college. Discuss any response related to Problems you encountered. 8. Collect the data related to any schemes of your locality and present in front of the students. 9. Illustrate the various types of samples with examples. 10. Construct a questionnaire for collection of primary data on any social issue.	25
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PRINCIPAL
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