।। सा विद्या या विमुक्तये ।।

स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड

"ज्ञानतीर्थ" परिसर, विष्णुपुरी, नांदेड - ४३१६०६ (महाराष्ट्र)

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY NANDED

"Dnyanteerth", Vishnupuri, Nanded - 431606 Maharashtra State (INDIA)

Established on 17th September 1994 – Recognized by the UGC U/s 2(f) and 12(B), NAAC Re-accredited with 'A' Grade

25
1994 - 2019
SILVER JUBILEE YEAR

ACADEMIC (1-BOARD OF STUDIES) SECTION

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संलग्नित महाविद्यालयांतील मानवविज्ञान विद्याशाखेतील पदवी स्तरावरील प्रथम वर्षाचे CBCS Pattern नुसारचे अभ्यासक्रम शैक्षणिक वर्ष २०१९–२० पासून लागू करण्याबाबत.

प रि प त्र क

या परिपत्रकान्वये सर्व संबंधितांना कळविण्यात येते की, **दिनांक ३० एप्रिल २०१९ रोजी संपन्न झालेल्या ४३व्या मा. विद्या परिषद बैठकीतील ऐनवेळचा विषय क्र.५/४३–२०१९** च्या ठरावानुसार प्रस्तुत विद्यापीठाच्या **संलग्नित महाविद्यालयांतील मानवविज्ञान विद्याशाखेतील पदवी स्तरावरील प्रथम वर्षाचे** खालील विषयांचे **C.B.C.S. (Choice Based Credit System) Pattern** नुसारचे अभ्यासक्रम शैक्षणिक वर्ष २०१९–२० पासून लागू करण्यात येत आहेत.

१) बी.ए.–प्रथम वर्ष–इंग्रजी (अनिवार्य, अतिरिक्त (द्वितीय भाषा), फंक्शनल इंग्रजी, ऐच्छिक)
२) बी.ए.–प्रथम वर्ष–हिंदी (द्वितीय भाषा, ऐच्छिक)
३) बी.ए.–प्रथम वर्ष–मराठी (द्वितीय भाषा, ऐच्छिक)
४) बी.ए.–प्रथम वर्ष–पाली (द्वितीय भाषा, ऐच्छिक)
५) बी.ए.–प्रथम वर्ष–संस्कृत (द्वितीय भाषा, ऐच्छिक)
६) बी.ए.–प्रथम वर्ष–उर्दू (द्वितीय भाषा, ऐच्छिक)
७) बी.ए.–प्रथम वर्ष–अर्थशास्त्र
८) बी.ए.–प्रथम वर्ष–भूगोल
९) बी.ए.–प्रथम वर्ष–इतिहास
१०) बी.ए.–प्रथम वर्ष–सैनिकशास्त्र
११) बी.ए.–प्रथम वर्ष–तत्त्वज्ञान
१२) बी.ए.–प्रथम वर्ष–राज्यशास्त्र
१३) बी.ए.–प्रथम वर्ष–मानसशास्त्र
१४) बी.ए.–प्रथम वर्ष–लोकप्रशासन
१५) बी.ए.–प्रथम वर्ष–समाजशास्त्र
१६) बी.ए.–प्रथम वर्ष–ॲडमिनिस्ट्रेटीव्ह सर्व्हिस

सदरील परिपत्रक व अभ्यासक्रम प्रस्तुत विद्यापीठाच्या **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–०१/परिपत्रक/पदवी–सीबीसीएस अभ्यासक्रम/
२०१९–२०/६६

दिनांक : १७.०६.२०१९.

स्वाक्षरित/–
उपकुलसचिव
शैक्षणिक (१–अभ्यासमंडळ) विभाग

प्रत माहिती व पुढील कार्यवाहीस्तव :
१) मा. कुलसचिव यांचे कार्यालय, प्रस्तुत विद्यापीठ.
२) मा. संचालक, परीक्षा व मूल्यमापन मंडळ यांचे कार्यालय, प्रस्तुत विद्यापीठ.
३) प्राचार्य, सर्व संबंधित संलग्नित महाविद्यालये, प्रस्तुत विद्यापीठ.
४) उपकुलसचिव, पदव्युत्तर विभाग, प्रस्तुत विद्यापीठ.
५) साहाय्यक कुलसचिव, पात्रता विभाग, प्रस्तुत विद्यापीठ.
६) सिस्टम एक्सपर्ट, शैक्षणिक विभाग, प्रस्तुत विद्यापीठ.

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY NANDED

SYLLABUS

B. A. FIRST YEAR

SEMESTER I & II

ECONOMICS

SEMESTER PATTERN

(CHOICE BASED CREDIT SYSTEM)

WITH EFFECT FROM: 2019-2020

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

Choice Based Credit System (CBCS) Pattern of Economics

Faculty of Humanities

B. A. FIRST YEAR

With Effect from: 2019-2020

SUBJECT: ECONOMICS

SEMESTER-I

Paper No.	Title of the Paper	Continuous Assessment (C.A.)	End of Semester Examination (E.S.E.)
I	Micro Economics(Comp.)	35	40
II	Economy of Maharashtra (Optional) OR Statistical Methods (Optional)	35	40

SEMESTER-II

Paper No.	Title of the Paper	Continuous Assessment (C.A.)	End of Semester Examination (E.S.E.)
III	Micro Economics(Comp.)	35	40
IV	Economy of Maharashtra (Optional) OR Statistical Methods (Optional)	35	40

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED.

Choice Based Credit System (CBCS)

Course Structure

FACULTY OF HUMANITIES

B. A. First Year Syllabus

Semester Pattern Effective from: 2019-2020

SUBJECT: ECONOMICS

Semester	Core Course	Paper No.	Name of the Paper	Lecture per week	Total No. of Lectures	CA	ESE	Total Marks	Credits
SEM-I	CCECO-I	I	Micro Economics (Comp.)	4	55	35	40	75	3
	CCECO-II	II	Economy of Maharashtra (Optional) OR Statistical Methods (Optional)	4	55	35	40	75	3
			Total SEM-I	**8**	**110**	**70**	**80**	**150**	**6**
SEM-II	CCECO-I	III	Micro Economics (Comp.)	4	55	35	40	75	3
	CCECO-II	IV	Economy of Maharashtra (Optional) OR Statistical Methods (Optional)	4	55	35	40	75	3
			Total SEM-II	**8**	**110**	**70**	**80**	**150**	**6**
			Total SEM-I & II	**16**	**220**	**140**	**160**	**300**	**12**

Core Course: 75 Marks

1) **Continuous Assessment (C.A.): 35 Marks**
   - ✓ **Two Class Test each for 10 Marks + One home assignment for 15 Marks.**

2) **End of Semester Examination (E.S.E.) : 40 Marks.**

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED.

Choice Based Credit System (CBCS)

FACULTY OF HUMANITIES

B. A. First Year

SUBJECT: ECONOMICS

End of Semester Examination (ESE)

Question Paper Pattern

Semester Pattern Effective from:2019-20

Q. 1 Descriptive question   15 Marks

       Or

Descriptive question

Q. 2 Descriptive question   15 Marks

       Or

Descriptive question

Q. 3 Write short note on Any One

   from Section-A and Section-B   10 Marks

Section-A

    I)

    Or

    II)

Section-B

    I)

    Or

    II)

B. A. First Year

Semester – I

ECONOMICS

Paper-I

Micro Economics (Compulsory)

Credits: 03   **Periods: 55**   **Marks: 75**

Theory (ESE) 40 Marks + Internal (CA) 35Marks =75 Marks

Course Outline:

A Course in the Micro Economics has been selected as Economics subject for first year of first semester.

Basic concepts in Economics, Demand and supply analysis as well as consumers' behaviour have been included in this course. In this course initially consumption, production, exchange and distribution shall be studied. In addition to this, mainly the study of consumption has been the dominant concern in this course. Students will be able to study further on the basis of this knowledge in Economics.

Course Objectives:

i)   To study the basic definitions and concepts of Economics.

ii) To study the nature and scope of Economics.

iii) To study the demand and supply analysis.

iv) To make the comparative analysis of cardinal and ordinal utility approach.

Course Utility:

i)   Meaning, nature and scope will be studied in this course.

ii) Student's ability will be utilized to tackle the current economic problems.

iii) Students will adept more knowledge in the field of modern economics by studying this course.

iv) This course will increase the utility and application to acquire more satisfaction in life.

COURSE CONTENT: **Periods**

Unit – I   Introduction of Economics   15

        A)   Definition of Economics: Adam Smith & Robbins.

             Nature and Scope of Economics, Significance of Economics.

        B)   Micro and Macro Analysis, Meaning and Features.

Unit – II   Demand and Supply Analysis   20

        A)   **Demand** –Meaning, Law of Demand, Determinants of Demand.

        B)   **Elasticity of Demand –** Concept and Types of elasticity of demand: Price, Income and Cross Elasticity. Methods of Measurement of Price Elasticity of Demand.

        C)   **Supply –** Meaning, Law of Supply, Determinants of Supply.

Unit – III   Theory of Consumer Behaviour   20

        A)   **Cardinal Utility Approach –** Concept of Utility, Law of Diminishing marginal utility.

        B)   **Ordinal Utility Approach –** Indifference curve: Meaning, Properties, Price Line, Consumer's equilibrium. Price, Income and Substitution effects.

Books Recommended:

1.   Robbins L.C. (1932) The Nature and Significance of Economic Science, London, Macmillan VIII Ed.

2.   Marshall A. (1920) Principles of Economics Book I, London, Macmillan, VIII[ed.]

3.   Hicks J.R. (1939) Value and Capital Paper I, Oxford. Clarendon press (2nd Ed. 1946)

4.   Samuelson P.A. (1948) Economics, New York: McGraw Hill.

5.   Boulding K.E. (1970) Economics as a Science, McGraw Hill.

6.   Robinson Joan (1969): Economic of Imperfect Competition, Macmillan.

7.   Chamberlin E. H. (1933): The Theory of Monopolistic Competition, Cambridge, M. A. Harvard University Press.

8.   Knight F.H. (1921) Risk, Uncertainty and Profit, New York, Houghton Mifflin.

9. Jhingan M.L. (1999) Micro Economics Theory, Vrinda Publications Limited.

10. Ahuja H.L. (1978) Principles of Micro Economics, S. Chand Limited.

11. A. Koutsoyiannis,(1979) Modern Micro Economics, MacMillan Education Ltd., London.

12. कृष्णराव पाटील   - उच्चस्तर आर्थिक सिध्दांत, मंगेश प्रकाशन, नागपूर १९८८

13. राम देशमुख   - सुक्ष्म अर्थशास्त्र, गीताई, विवेक नगर, नांदेड १९९७.

14. श्रीनिवास खांदेवाले   - किंमत सिध्दांत, पिंपळापुरे ॲन्ड कंपनी पब्लिशर्स, नागपूर १९८९.

15. रायखेलकर/खेडकर   - सूक्ष्म अर्थशास्त्र, विद्या बुक्स पब्लिशर्स, औरंगाबाद १९९७.

16. देशकर/आहेरवाडकर   - सूक्ष्म अर्थशास्त्र, पिंपळापूरे ॲन्ड कंपनी पब्लिशर्स, नागपूर १९९०.

17. सोळंके/तवार/कापसे   - सूक्ष्म अर्थशास्त्र, कैलास पब्लिकेशन,औरंगाबाद १९९३.

18. विकास सुकाळे   - सूक्ष्मलक्षी अर्थशास्त्र, क्रिएटीव्ह पब्लिकेशन्स, नांदेड २०१३.

19. के.एस. बाभुळगांवकर/के.के. कदम - आधुनिक सूक्ष्म अर्थशास्त्र, मिस्बाह प्रकाशन, नांदेड, जुन २०१५.

20. राजश्री जाधव/प्रमोद बेरळीकर- सूक्ष्म अर्थशास्त्र,श्रध्दा पब्लिकेशन,सोलापूर,२०१८

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

(With Effect from: 2019-2020)

B. A. First Year

Semester – I

ECONOMICS

Paper-II

Economy of Maharashtra (Optional)

Credits: 03   **Periods: 55**   **Marks: 75**

Theory (ESE) 40 Marks + Internal (CA) 35 Marks = 75 Marks

Course outline:

This course introduces and acquaints the students with various issues and sectors in Economy of Maharashtra with emphasis on Population, Unemployment, Poverty, Agriculture, Industry and Infrastructure. The students will also be able to understand the problems related to Agriculture, industries in Maharashtra.

Course Objectives:

1. To study the main characteristics of economy in Maharashtra.

2. To understand the role of Agriculture in economy of Maharashtra.

3. To study the concept of Green revolution.

4. To consider the role of Industry in economy of Maharashtra.

5. To study the Industrial policies of Maharashtra.

Course Utility:

1. Awareness about development in economy of Maharashtra will be created.
2. Students will understand the various challenges of Economy in Maharashtra.
3. Students will study the Problems of economy in Maharashtra.
4. Students will enhance the different concepts of economy in Maharashtra.
5. This study will suggest remedies for different issues of economy in Maharashtra.

Course Content: **Periods**

Unit I – Economic and Demographic Features of Maharashtra   20
   A) **General Characteristics of Economy of Maharashtra.**
   B) **Population:** Size and growth rates, Sex ratio, Literacy,
       Density of Population, Causes of growth of Population.
   C) **Unemployment:** Meaning, Definition, causes and remedies.
   D) **Poverty**: Meaning, Definition, causes and remedies.

Unit II - Agriculture in Maharashtra.   15
   A) Role of agriculture in economy of Maharashtra.
   B) **Agriculture Productivity:** Meaning, Definition, causes and
       Remedies of Low Productivity.
   C) **Green revolution:** Meaning, Definition, factor affecting to
       Green revolution.

Unit III - Industry in Maharashtra   20
   A) **Industry:** Definition, Structure and importance of Industries.
   B) **Special economic zone (SEZ):** Meaning, Definition and effects of SEZ.
   C) **Agro-based and small scale industries:** Meaning, problems and
       Remedies.
   D) **New Industrial Policy of Maharashtra -2013.**

Books Recommended:

१.   आर. एस.सोळुंके, महाराष्ट्राची अर्थव्यवस्था, कैलाश पब्लिकेशन, औरंगाबाद,१९९९.

२.   र. पु. कुरूलकर, महाराष्ट्राची अर्थव्यवस्था, विद्या प्रकाशन, नागपूर, २००६.

३.   बी.डी.इंगळे, महाराष्ट्राची अर्थव्यवस्था, अरूणा प्रकाशन, लातूर, २००९.

४.   मंगला जंगले, महाराष्ट्राची अर्थव्यवस्था, प्रशांत पब्लिशर्स, जळगांव, २००८.

५.   राजश्री जाधव, महाराष्ट्राची अर्थव्यवस्था, अरूणा प्रकाशन, लातूर, २०११.

६.   माधव बिराजदार, महाराष्ट्राची अर्थव्यवस्था, विद्या बुक पब्लिशर्स, औरंगाबाद,२०१२.

७.   महाराष्ट्राची आर्थिक पाहणी, अर्थ व सांख्यिकी संचालनालय, नियोजन विभाग, महाराष्ट्र शासन, मुंबई,
       २०११–१२.

8.   Population Census of Maharashtra-2011.

9.   Maharashtra Development Report 2007- Planning Commission, Govt. of
       India, New Delhi.

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

(With Effect from: 2019-2020)

B. A. First Year

Semester – I

ECONOMICS

Paper-II

Statistical Methods (Optional)

Credits: 03	Periods: 55	Marks: 75

Theory (ESE) 40 Marks + Internal (CA) 35 Marks = 75 Marks

Course Outline:

This is a course on statistical methods. It begins with some basic concepts and terminology which are fundamental for statistical analysis and inference which then develops collection, processing, and analyzing the data with basic statistical tools. The course introduces measurement of central tendency in the first semester and dispersion, correlation and index number in the second semester.

Course Objectives:

1. To study the scope and function of Statistics.
2. To understand the importance and limitations of Statistics.
3. To Study the Collection of Primary data and Secondary data.
4. To make the Classification and Tabulation of data.
5. To Study the measurement of Central Tendency.

Course Utility:

1. Students will prepare themselves to understand the statistical methods.
2. Interest among the students to learn technical papers like Statistics, Quantitative Technique, Mathematical Economics and Econometrics will be created.
3. Understanding of the basic concepts of data interpretation with the help of Statistics will be generated.
4. Students will able to understand basic statistical tools of data analysis.
5. This course is useful for the students to get job where the data analysis is comprehensively used.

Course Contents: **Periods**

Unit I - Introduction of Statistics   10
    A) Meaning, Definitions and Scope of Statistics.
    B) Importance and Function of Statistics.
    C) Limitations of Statistics.

Unit II - Collection of Data   20
    A) Primary Data: Meaning and Definition.
       Methods of collecting Primary Data, Ideal Questionnaire.
    B) Secondary Data:
       Meaning, Definition and Sources of Secondary Data.
    C) Organization of Data :
       Classification , Frequency Distribution and Tabulation of Data.

Unit III - Measures of Central Tendency   25
    A) **Mean:** Simple, Discrete and Continuous Series.
    B) **Median:** Simple, Discrete and Continuous Series.
    C) **Mode:** Simple, Discrete and Continuous Series.
    D) **Quartiles:** Simple, Discrete and Continuous Series.
    E) **Deciles:** Simple, Discrete and Continuous Series.
    F) **Percentiles:** Simple, Discrete and Continuous Series.

Books Recommended:
1.   Croxfon, F.E., Cowden D.J. and Kleins (1973), Applied General Statistics, Prentice Hall, New Delhi.
2.   Allen, 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. and Kapoor V.K. (1993), Fundamentals and Applied Statistics, Chand and Sons, New Delhi.
5.   Gupta S. P. (2009), Statistical Methods, Sultan Chand & Sons, New Delhi.
६.   देशमुख राम, मुलभूत सांख्यिकी, विद्या प्रकाशन, नागपूर २००५.
७.   महाजन वाय.आर., पिंपळापूरे ॲड कं. पब्लिशर्स, नागपूर २००५.
८.   खटाळ बी.जी., सांख्यिकीय पध्दती, प्रशांत पब्लिकेशन, जळगांव २०१२.
९.   कोलते एस.एम., सांख्यिकी तत्व आणि व्यवहार, पिंपळापूरे ॲड कं. पब्लिशर्स, नागपूर २०१३.
१०.   शेवाळे, पवार, शबनम, संख्यात्मक तंत्रे आणि संशोधन पध्दती, विद्या बुक्स पब्लिशर्स, औरंगाबाद २०१६.
११.   कदम विश्वास, सांख्यिकी पध्दती, कैलास पब्लिकेशन्स, औरंगाबाद २०१४.

B. A. First Year

Semester – II

ECONOMICS

Paper-III

Micro Economics (Compulsory)

Credits: 03	Periods: 55	Marks: 75

Theory (ESE) 40 Marks + Internal (CA) 35 Marks = 75 Marks

Course Outline:

The course includes the study of theory of production, theory of cost, and theory of revenue. The course also emphasizes on the study of market structure, such as, perfect competition, monopoly and monopolistic competition. The course also delve the theory of distribution. Rent, Wages, Interest and Profit theories are incorporated in the distribution. This course creates a new approach towards the study of Economics.

Course Objectives:

i)   To study the Concept and theories of Production.

ii) To understand the concepts of Cost and Revenue.

iii) To study the concepts of exchange through market structure.

iv) To analyze the theory of distribution into various factors of production, such as: Land owner, labour, organizer, and Capital owner.

Course Utility:

i)   Student will get the knowledge about Production, Cost and Revenue.

ii) Students will be acquainted with the various markets from the point of view of competition.

iii) This course will be helpful to realize the actual market through competitive point of view.

iv) The acquisition of knowledge about providing share of different factors of production.

COURSE CONTENT: **Periods**

Unit – I   Theory of Production, Cost and Revenue   15

     A. **Production Function:** Concept of Production Function; the Law of Variable Proportion; Law of Returns to Scale.

     B. **Concept of Cost and Cost Curves:** Different concept of Cost-Money, Real and Opportunity Cost; Cost Curves-Short Run and Long Run.

     C. **Concept of Revenue and Revenue Curves:** Total, Average and Marginal Revenue, Revenue and Revenue Curves under Perfect Competition and Monopoly.

Unit – II   Market Structure   20

     A) **Perfect Competition –** Meaning, Characteristics, Price determination, Short-run & Long-run equilibrium of a firm & industry.

     B) **Monopoly –** Meaning, Characteristics, Short-run & Long-run equilibrium of a firm.

     C) **Monopolistic Competition –** Meaning, Characteristics, Group equilibrium.

Unit – III   Theory of Distribution   20

     A) **Rent –** Recardian and Modern theories of Rent.

     B) **Wage –** Modern Theory of Wage, Wage Differentiation and Collective Bargaining.

     C) **Interest –** Loanable funds and Liquidity preference theories of interest.

     D) **Profit –** Uncertainty theory of profit; Innovation theory of Profit.

Books Recommended:

1. Robbins L.C. (1932) The Nature and Significance of Economic Science, London, Macmillan VIII Ed.

2. Marshall A. (1920) Principles of Economics Book I, London, Macmillan, VlllEd.

3. Hicks J.R. (1939) Value and Capital Paper I, Oxford. Clarendon press (2nd Ed. 1946).

4. Samuelson P.A. (1948) Economics, New York: McGraw Hill.

5. Boulding K.E. (1970) Economics as a science, McGraw Hill.

6. Robinson Joan (1969): Economic of Imperfect Competition, Macmillan.

7. Chamberlin E. H. (1933): The Theory of Monopolistic Competition, Cambridge, M. A. Harvard University Press.

8. Knight F.H. (1921) Risk Uncertainty ant Profit, New York, Houghton Mifflin.

9. Jhingan M.L. (1999) Micro Economics Theory, Vrinda Publications Limited.

10. Ahuja H.L. (1978) Principles of Micro Economics, S. Chand Limited.

11. A. Koutsoyiannis, Modern Micro Economics, MacMillan Education Ltd., London, 1979.

12. कृष्णराव पाटील - उच्चस्तर आर्थिक सिध्दांत, मंगेश प्रकाशन, नागपूर १९८८

13. राम देशमुख - सुक्ष्म अर्थशास्त्र, गीताई, विवेक नगर, नांदेड १९९७.

14. श्रीनिवास खांदेवाले - किंमत सिध्दांत, पिंपळापुरे ॲन्ड कंपनी पब्लिशर्स, नागपूर १९८९.

15. रायखेलकर/खेडकर - सूक्ष्म अर्थशास्त्र, विद्या बुक्स पब्लिशर्स, औरंगाबाद १९९७.

16. देशकर/आहेरवाडकर - सूक्ष्म अर्थशास्त्र, पिंपळापूरे ॲन्ड कंपनी पब्लिशर्स, नागपूर १९९०.

17. सोळंके/तवार/कापसे - सूक्ष्म अर्थशास्त्र, कैलास पब्लिकेशन, औरंगाबाद १९९३.

18. विकास सुकाळे - सूक्ष्मलक्षी अर्थशास्त्र, क्रिएटीव्ह पब्लिकेशन्स, नांदेड २०१३.

19. के.एस. बाभुळगांवकर/के.के. कदम - आधुनिक सुक्ष्म अर्थशास्त्र, मिस्बाह प्रकाशन, नांदेड, जुन २०१५.

20. राजश्री जाधव/प्रमोद बेरळीकर - सूक्ष्म अर्थशास्त्र, श्रध्दा पब्लिकेशन, सोलापूर, २०१८

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

(With Effect from: 2019-2020)

B. A. First Year

Semester – II

ECONOMICS

Paper-IV

Economy of Maharashtra (Optional)

Credits: 03   **Periods: 55**   **Marks: 75**

Theory (ESE) 40 Marks+ Internal (CA) 35 Marks = 75 Marks

Course outline:

This course introduces as well as acquaints the students with various issues and sectors in Economy of Maharashtra with emphasis on co-operation, co-operative credit, railway, road, water, air transport and infrastructure. The student will also be able to understand the problems related to Co-operative sector, Infrastructure and Regional Imbalance in Maharashtra.

Course Objectives:

1. To instill the students in terms of Co-operative Movement in Maharashtra.
2. To study the Transport and Infrastructure in Maharashtra.
3. To distinguish the regional imbalance in Maharashtra.
4. To Study the role of Marathwada Development Board (MDB) in the development of Economy in Marathwada.
5. To Study the role of District Planning and Development Council (DPDC) in the development of Economy in Maharashtra.

Course Utility:

1. Awareness about development in economy of Maharashtra will be created.
2. Students will understand the various challenges of Economy in Maharashtra.
3. Students will be study the problems of economy in Maharashtra.
4. Students will be enriched with the different concept of economy in Maharashtra.
5. This study suggests remedies for different Problems in economy of Maharashtra.

Course Content: **Periods**

Unit I – Co-operative Movement in Maharashtra: 20

A)   Co-operation:

Definition, Scope and Principles of co-operation.

Progress of co-operative movement in Maharashtra.

B)   Co-operative Act:

Act of 1904, Act of 1912,

Maharashtra State New Co-operative Act 2013.

C)   Co-operative Credit in Maharashtra:

Primary Agricultural Credit Co-operative societies:

Functions and Merits.

District Co-operative Bank: Function and Merits.

State Co-operative Bank: Function and Merits.

Unit II – Transport and Infrastructure in Maharashtra: 20

A)   Railway Transport: Development, Problems and remedies.

B)   Road Transport: Development, Problems and remedies.

C)   Water Transport: Development, Problems and remedies.

D)   Air Transport: Development, Problems and remedies.

E)   Generation of electricity:

Generation of electricity in different regions of Maharashtra,

Problems and remedies of Generation of electricity.

Unit III – Regional imbalance in Maharashtra: 15

A)   Regional imbalance :

Definition, Nature and Causes of regional imbalance in Maharashtra.

B)   Marathwada development Board:

Structure and function.

C)   District Planning and Development Council (DPDC):

Structure and function.

Books Recommended:

१.   आर. एस.सोळुंके, महाराष्ट्राची अर्थव्यवस्था, कैलाश पब्लिकेशन, औरंगाबाद,१९९९.

२.   र. पु. कुरूलकर, महाराष्ट्राची अर्थव्यवस्था, विद्या प्रकाशन, नागपूर, २००६.

३.   बी.डी.इंगळे, महाराष्ट्राची अर्थव्यवस्था, अरूणा प्रकाशन, लातूर, २००९.

४.   मंगला जंगले, महाराष्ट्राची अर्थव्यवस्था, प्रशांत पब्लिशर्स, जळगांव, २००८.

५.   राजश्री जाधव, महाराष्ट्राची अर्थव्यवस्था, अरूणा प्रकाशन, लातूर,२०११.

६.   माधव बिराजदार, महाराष्ट्राची अर्थव्यवस्था, विद्या बुक पब्लिशर्स, औरंगाबाद,२०१२.

७.   महाराष्ट्राची आर्थिक पाहणी, अर्थ व सांख्यिकी संचालनालय, नियोजन विभाग, महाराष्ट्र शासन, मुंबई, २०११–१२.

8.   Population Census of Maharashtra-2011.

9.   Maharashtra Development Report 2007- Planning Commission, Govt. of India, New Delhi.

10.   Maharashtra Development Report 2007- Planning commission Govt. of India, New Delhi.

B. A. First Year

Semester – II

ECONOMICS

Paper-IV

Statistical Methods (Optional)

Credits: 03	Periods: 55	Marks: 75

Theory (ESE) 40 Marks + Internal (CA) 35Marks = 75 Marks.

Course Outline:

This is a course on statistical methods which begins with some basic concepts and terminology. These are fundamental to statistical analysis and inference which then develops collection, processing, and analyzing the data with basic statistical tools. The course introduces dispersion, correlation and index number in the second semester.

Course Objectives:

1. To instill the basic ideas of Statistics among the students.
2. To study the measurement of Dispersion.
3. To explain the significance of Correlation.
4. To Study the significance of Index Number.
5. To teach the methods of constructing Index Number.

Course Utility:

1. The students understand the statistical methods.
2. Interest among the students to learn technical papers like Statistics, Quantitative Technique, Mathematical Economics and Econometrics will be generated.
3. Understanding of the basic concepts of data interpretation with the help of statistics will be facilitated.
4. Students will be able to understand the basic statistical tools of data analysis.
5. This course is useful for the students to get job where the data analysis is widely used.

Course Contents: **Periods**

Unit I - Measures of Dispersion   20

  A) Meaning of Dispersion.
  B) **Range:** Calculation of Range.
  C) **Quartile Deviation:** Calculation of Quartile Deviation & its
    Co-efficient.
  D) **Standard Deviation :** Calculation of Standard Deviation & its
    Co-efficient.

Unit II - Correlation   15

  A) Meaning, Types and Significance of Correlation.
  B) Graphical Method of calculating Correlation.
  C) Simple Correlation: Karl Pearson's method.

Unit III - Index Number   20

  A) Meaning , Types and Significance of Index Number
  B) Construction of Index Number.
  C) Laspeyres, Paasche and Fisher's Methods of Constructing Index
    Number.

Books Recommended:

1. Croxfon, F.E., Cowden D.J. and Kleins (1973), Applied General Statistics, Prentice Hall, New Delhi.

2. Allen, 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. and Kapoor V.K. (1993), Fundamentals and Applied Statistics, Chand and Sons, New Delhi.

5. Gupta S P. (2009), Statistical Methods, Sultan Chan & Sons, New Delhi.

६. देशमुख राम, मुलभूत सांख्यिकी, विद्या प्रकाशन, नागपूर २००५.

७. महाजन वाय.आर., पिंपळापूरे ॲंड कं. पब्लिशर्स, नागपूर २००५.

८. खटाळ बी.जी., सांख्यिकीय पध्दती, प्रशांत पब्लिकेशन, जळगांव २०१२.

९. कोलते एस.एम., सांख्यिकी तत्व आणि व्यवहार, पिंपळापूरे ॲंड कं. पब्लिशर्स, नागपूर २०१३.

१०. शेवाळे, पवार, शबनम, संख्यात्मक तंत्रे आणि संशोधन पध्दती, विद्या बुक्स पब्लिशर्स, औरंगाबाद २०१६.

११. कदम विश्वास, सांख्यिकी पध्दती, कैलास पब्लिकेशन्स, औरंगाबाद २०१४.

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