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 दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४)
 फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail:bos@unishivaji.ac.in

Ref./SU/BOS/Humanities/

No 00183

Date : 04/03/2021

4 MAR 2021

To,

I/c Director,
 Yashwantrao Chavan School of Rural Development,
 Shivaji University, Kolhapur

Subject : Regarding revised syllabi of Master of Rural Studies under the Faculty of Humanities

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the University authorities have accepted and granted approval to the revised syllabi of **Master of rural Studies Part I Sem-I and II** under the Faculty of Humanities.

This syllabi shall be implemented from the academic year 2020-2021 onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in (Online Syllabus).

The question papers on the pre-revised syllabi of above mentioned course will be set two examinations only. Two chances are available for repeater students, if any.

You are therefore, requested to bring this to the notice of all Students and Teachers concerned.

Thanking you,

Yours faithfully,


 Dy. Registrar

Encl : As above

Copy to,

- | | | |
|--|---|---------------------------------------|
| 1. I/c Dean, Faculty of Humanities | } | for information |
| 2. Chairman, BOS under Faculty of Humanities | | |
| 3. Director, BOEE | } | for information and necessary action. |
| 4. Appointment Section | | |
| 5. P. G. Admission Section | | |
| 6. B. A./O.E. 2 Section | | |
| 7. Affiliation Section (U.G./P.G.) | | |
| 8. Computer Center/I.T. | | |
| 9. Eligibility Section | | |
| 10. P.G. Seminar Section | | |



SHIVAJI UNIVERSITY, KOLHAPUR
**YASHAWANTRAO CHAVAN SCHOOL OF RURAL
DEVELOPMENT**



SYLLABUS

MASTER OF RURAL STUDIES
Part I (Semester I and II)

Choice Based Credit System (CBCS)
(Introduced from February 2021 onwards)

**Choice Based Credit System – (CBCS)
(Introduced from February 2021 and Onwards)**

To be implemented from the academic year 2020-2021 onward

1. TITLE: Master of Rural Studies

2. YEAR OF IMPLEMENTATION:-

Under the YCSR, a new syllabus on **Master of Rural Studies** is implemented from, the academic year 2020-21 onwards in the Shivaji University, Kolhapur.

3. PREAMBLE:

Rural development needs an integration of all areas of knowledge. It needs multi-disciplinary approach towards the rural development ideology. The school is committed to empower the youth for rural development by catering to the needs of the rural development. It will integrate all local institutions, industries and organizations in the vicinity for the universal coordination of knowledge for overall rural development.

The school is established in the Shivaji University campus as one of the autonomous (proposed phase) schools for conducting academic, research, training and extension activities associated with the rural development and rural management. It is a multi-disciplinary school covering all disciplines of science, technology, social sciences, agricultural sciences, trade and managerial subjects.

4. GENERAL OBJECTIVES OF THE PROGRAMME :

• **Program Outcomes**

After successful completion of this Academic Programme students will be able to:

1. Critically understand the social system, ideologies, methodologies, and rural development in various settings, along with values, ethical principles, and evidence-based practices of rural development.
2. To strengthen the theoretical understanding, expand knowledge-base, inculcate relevant values, attitudes and skills required for rural development through the theory and practical component of the Academic Programme.
3. Develop interdisciplinary and specialized professional outlook, upheld the dignity and esteem of the rural development and achieve self-actualization.
4. Employ participatory, action and evidence-based practices in the field settings.
5. Engage the system through collective action and demand-driven approach to ensure social justice and equity to the marginalized, vulnerable and weaker- sections of society.
6. Understand and design effective strategies to evaluate and monitor progress over time in development and change action that are appropriate for specific interventions and for various target groups.
7. To acquire skills to work in rural industries, State and Central Government Departments, rural development sponsored research and action - oriented projects undertaken by National and International Agencies.

- **Program Specific Outcomes:**

1. Apply different scientific tools and techniques of statistics and computer for research.
2. Develop, Analyze and evaluate village development plan for sustainable rural development.
3. Ability to design and manage rural enterprises using different tools, techniques and models for strategic business development.
4. Develop professional entrepreneurs in co-operative sector, agriculture and allied sector.
5. Independently identify, analyze and assess complex phenomena and issues in the fields of rural development and livelihood by applying their knowledge, perspective and problem-solving abilities.

5. DURATION

- The course shall be a Post-Graduate Full Time Course
- The duration of course shall be of **Two** years /**Four** Semesters.

6. PATTERN:

The pattern of examination will be Semester with Credit and Continuous Internal Evaluation (CIE).

7. ELIGIBILITY FOR ADMISSION AND ADMISSION PROCESS:

a) Eligibility:

Candidates who have passed any Bachelor's degree [10+2+3] of any statutory University recognized equivalent thereto, must have obtained minimum aggregate 50 percent marks (for reserved categories minimum 45 per cent marks).

b) Admission process:

The merit list will be prepared on the basis of Bachelor's Degree level performance along with government reservation norms. A final merit list of all the students shall be notified on the Shivaji University Website before the actual admission rounds. The information relating to all the admission rounds shall be notified on the Shivaji University Website.

8. Admission Committee:

The composition for Admission Committee to the **Master of Rural Studies** will be as under:

1. Director, YCSR, Chairman.
2. Coordinator of **Master of Rural Studies** Course.
3. One Senior Professor in the **Master of Rural Studies** Course.
4. One Senior Associate Professor in the **Master of Rural Studies** Course.
5. One Assistant Professor from Backward Community.

It will be the final authority.

9. Merit list for admission rounds:

Merit list will be prepared on the basis of aggregate marks obtained by the candidate in the Bachelor's degree. In case there are two or more candidates with the equal marks in the Bachelor's degree examination (qualifying examination) then the marks obtained by the students in the subjects excluding English and other language shall be considered. Even after this, if the students continued to obtain the same merits/ marks, the marks scored in the English language shall be considered. If the tie continues, then considering the age of student from date of birth elder student will be considered.

10. Reservation :

Intake Capacity of Master of Rural Studies programme and Reservation quota for admission will be as per the rules of the State Government of Maharashtra and Shivaji University, Kolhapur

11. MEDIUM OF INSTRUCTION:

The medium of instruction shall be in English.

12. STRUCTURE OF MASTER OF RURAL STUDIES COURSE AND SCHEME OF EXAMINATION

| Master of Rural Studies Part- I, Semester-I | | | | | | | | | | | | |
|---|---------|--|---|----------------------|-------|--------|-----------------------|---------------|------------|---------------------|---------------|------------|
| | SN | Course Code | Course Title | Teaching Scheme | | | Examination Scheme | | | | | |
| | | | | Theory and Practical | | | University Assessment | | | Internal Assessment | | |
| | | | | Lectures (Per Week) | Hours | Credit | Maximum Marks | Minimum Marks | Exam Hours | Maximum Marks | Minimum Marks | Exam Hours |
| CGPA | 1 | CC-1.1 | Fundamentals of Rural Development | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 2 | CC-1.2 | Microeconomic Analysis | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 3 | CC- 1.3 | Quantitative Techniques for Rural Studies | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 4 | CC -1.4 | Cooperatives and Rural Development | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 5 | CC-1.5 | Indian Rural Livelihoods | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 6 | OEC-1.6 | Introduction to Accounting | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 7 | CCPR-1.7 | Extension and Field Visit – I (Exposure Visits) | 04 | 04 | 04 | - | - | - | 100 | 40 | - |
| Total | | | | | | | | | | | | |
| Non-CGPA | AEC-1.8 | Logical Reasoning and Analytical Ability | 02 | 02 | 02 | 50 | 20 | 01 | -- | -- | -- | |

CC- Core Course

CCPR- Core Course Practical

DSE- Discipline Specific Elective

AEC- Ability Enhancement Course

OEC- Open Elective Course

SEC- Skill enhancement Course

| Master of Rural Studies Part- I, Semester-II | | | | | | | | | | | | |
|--|---------|----------------------|---|----------------------|-------|--------|-----------------------|---------------|------------|---------------------|---------------|------------|
| | SN | Course Code | Course Title | Teaching Scheme | | | Examination Scheme | | | | | |
| | | | | Theory and Practical | | | University Assessment | | | Internal Assessment | | |
| | | | | Lectures (Per Week) | Hours | Credit | Maximum Marks | Minimum Marks | Exam Hours | Maximum Marks | Minimum Marks | Exam Hours |
| CGPA | 1 | CC-2.1 | Macroeconomic Analysis | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 2 | CC-2.2 | Research Methodology for Rural Studies | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 3 | CC- 2.3 | Public Budget and Budgetary Process | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 4 | CC -2.4 | Economy of Maharashtra | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 5 | CC- 2.5 | Rural Development Programmes and Policies | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 6 | OEC-2.6 | Role of Information Technology in Rural studies and Development | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 7 | CCPR-2.7 | Extension and Field Visit – II (Village Study) | 04 | 04 | 04 | - | - | - | 100 | 40 | - |
| Total | | | | | | | | | | | | |
| Non-CGPA | SEC-2.8 | Communication Skills | 02 | 02 | 02 | 50 | 20 | 01 | -- | -- | -- | |

CC- Core Course,
CCPR- Core Course Practical

DSE- Discipline Specific Elective,
AEC- Ability Enhancement Course

OEC- Open Elective Course
SEC- Skill enhancement Course

Master of Rural Studies Part- I, Semester - III

| | S N | Course Code | Course Title | Teaching Scheme | | | Examination Scheme | | | | | |
|--------------|----------------------|----------------------|--|---------------------------|-----------|------------|-----------------------|----------------------|---------------|---------------------|------------------|---------------|
| | | | | Theory and Practical | | | University Assessment | | | Internal Assessment | | |
| | | | | Lectures (Per Week) | Hour s | Credi t | Maximu m Marks | Minimu m Marks | Exam Hours | Maximum Marks | Minimum Marks | Exam Hours |
| CGPA | 1 | CC-3.1 | Rural Administration | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 2 | CC-3.2 | Banking and Rural Finance | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 3 | CC- 3.3 | Microfinance | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 4 | OEC -3.4 | Entrepreneurship Development | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 5 | DSE- 3.5 | Agribusiness and FPOs | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 6 | DSE- 3.6 | Agriculture and Rural Development | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 7 | DSE- 3.7 | Agro-processing and Allied Industries | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 8 | DSE- 3.8 | Rural Project Management | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 9 | DSE- 3.9 | Natural Resource Economics | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 10 | CCPR - 3.10 | Extension and Field Visit – III (Case Study) | 04 | 04 | 04 | - | - | - | 100 | 40 | - |
| Total | | | | | | | | | | | | |
| Non- CGPA | AEC-3.11 | Financial Literacy | 02 | 02 | 02 | 50 | 20 | 01 | -- | -- | -- | |
| | EC- (SWM MOOC) | SWAYAM Course | Number of lectures and credit shall be as specified on SWAYAM-MOOC or as specified on OE | | | | | | | | | |
| | OR | | | | | | | | | | | |
| | OEC-3.12 | Writing Case Studies | 02 | 02 | 02 | 50 | 20 | 01 | -- | -- | -- | |

CC- Core Course,

DSE- Discipline Specific Elective,

OEC- Open Elective Course

EC- Elective Course

CCPR- Core Course Practical

AEC- Ability Enhancement Course

SEC- Skill enhancement Course

Note: A student can choose any **TWO electives (DSEs)** from DSE- 3.5, DSE- 3.6, DSE- 3.7, DSE- 3.8 and DSE- 3.9

Master of Rural Studies Part- I, Semester - IV

| | SN | Course Code | Course Title | Teaching Scheme | | | Examination Scheme | | | | | |
|----------|-----------|-------------|--|----------------------|-------|--------|-----------------------|---------------|------------|---------------------|---------------|------------|
| | | | | Theory and Practical | | | University Assessment | | | Internal Assessment | | |
| | | | | Lectures (Per Week) | Hours | Credit | Maximum Marks | Minimum Marks | Exam Hours | Maximum Marks | Minimum Marks | Exam Hours |
| CGPA | 1 | CC 4.1 | Environment and Sustainable Development | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 2 | CC 4.2 | NGO Management and CSR | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 3 | CC 4.3 | Global Business Environment | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 4 | OEC 4.4 | Tourism for Rural Development | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 5 | DSE 4.5 | Rural Marketing | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 6 | DSE 4.6 | Rural Innovations and Startup | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 7 | DSE 4.7 | Rural Insurance | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 8 | DSE 4.8 | Gender Issues in Rural Development | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 9 | DSE 4.9 | Financial Markets and Institutions | 04 | 04 | 04 | 80 | 32 | 03 | 20 | 08 | 01 |
| | 10 | CCPR 4.10 | Project Report and Viva Voce – IV | 04 | 04 | 12 | - | - | - | 180 | 120 | - |
| Total | | | | | | | | | | | | |
| Non-CGPA | SEC- 4.11 | | Soft Skills and Personality Development | 02 | 02 | 02 | 50 | 20 | 01 | -- | -- | -- |
| | GE-4.12 | | Science and Technology for Rural Development | 02 | 02 | 02 | 50 | 20 | 01 | -- | -- | -- |

CC- Core Course,

DSE- Discipline Specific Elective,

OEC- Open Elective Course

GE- Generic Elective

CCPR- Core Course Practical

AEC- Ability Enhancement Course

SEC- Skill enhancement Course

Note: A student can choose any **TWO** electives (DSEs) from DSE- 4.5, DSE- 4.6, DSE- 4.7, DSE- 4.8 and DSE- 4.9

13. SCHEME OF EXAMINATION SEMESTER WITH CIE AND CREDIT SYSTEM

1. NUMBER OF THEORY PAPERS AND PRACTICAL PAPERS:

- The Entire Master of Rural Studies shall have 24 theory papers each carrying 100 marks, Extension and Field Visit – I, Extension and Field Visit – II, Extension and Field Visit – III each carrying 100 marks and Project Report and Viva Voce of 300 marks.
- The entire Master of Rural Studies examination shall be of 3000 total marks.
- Each paper carries 4 credits totaling $30 \times 4 = 120$ credits.

2. SEMESTER EXAMINATION:

The system of examination would be Semester with credit system and Continuous Internal Evaluation (CIE). The examination shall be conducted at the end of each semester.

3. CIE COMPONENT:

There shall be a written test/ seminar / assignment / case study / mini project / industrial visit/Field Visit report/Quiz/Group Discussion etc. for each theory paper in each semester. The total CIE Component carries 20 Marks for each theory paper. However, this condition is not applicable to Paper CCPR-1.7, CCPR-2.7, CCPR-3.7 and CCPR-4.7, AEC-1.8, SEC-2.8, AEC-3.11, EC- (SWM MOOC), OEC-4.12, SEC- 4.11, SEC-4.11, SEC- 4.12.

4. CIE - Re-examination:

If, due to any unforeseen or unpredictable event, any of the students fails to appear for the CIE examination, or fails in the CIE, the re-CIE examination for such students can be held during the same Semester.

5. SEMESTER-Re-Examination:

In case candidates fail in any of the papers in any semester examination, they can appear for the re-examination in the subsequent semester.

6. The ATKT rules framed by the University apply to the course.

14. Standard of Passing:

- 1) To pass, 40% marks in theory paper, CIE and project are required.
- 2) In every paper a candidate should obtain a minimum of 40% of total marks i.e. 32 marks out of 80 marks.
- 3) For every CIE component, a candidate should obtain a minimum of 40% of the total marks, i.e. 08 out of 20 marks.
- 4) A candidate must obtain minimum marks as mentioned above in both the Heads of Passing. In other words, he/she must pass in both the Semester examination as well as CIE examination.
- 5) The other details regarding standard of passing, credits, Grade-points and Grades have been given under Credit System.
- 6) For Extension and Field Visit- I, Extension and Field Visit- II, Extension and Field Visit- III, a candidate should obtain a minimum of 40% in report, i.e. Minimum 32 marks out of 80 marks and minimum 08 marks out of 20 marks in Viva Voce.

- 7) For Project Report and Viva Voce – IV, a candidate should obtain a minimum of 40% for Project Report (dissertation), i.e. Minimum 100 marks out of 250 marks in Project Report (dissertation) and minimum 20 marks out of 50 marks in Viva Voce.

15. NATURE OF QUESTION PAPER AND SCHEME OF MARKING:-

Instructions to the candidates-

- 1) *Q. No. 1 and 5 are compulsory.*
- 2) *Attempt any two questions from Q. No. 2, 3 and 4.*
- 3) *Figures to the right indicate marks.*

| | |
|--|------------|
| Q.1: Descriptive Questions / Case Study | - 20 marks |
| Q.2: A) Long answer type question | - 10 marks |
| B) Long answer type question | - 10 marks |
| Q.3: A) Long answer type question | - 10 marks |
| B) Long answer type question | - 10 marks |
| Q.4: A) Long answer type question | - 10 marks |
| B) Long answer type question | - 10 marks |
| Q.5: Write short notes (any four out of five /six) | - 20 marks |

For Paper AEC-1.8, SEC-2.8, AEC-3.11, EC-(SWM MOOC), OEC-4.12, SEC- 4.11, SEC-4.11, SEC- 4.12, the conduct of examinations, assessments and results shall be as set by YCSRSD, Shivaji University.

16. CREDIT SYSTEM:

As per the Shivaji University rules and regulations.

CC- 1.1 Fundamentals of Rural Development

Course Outcomes:

After completion of this course student will be able to;

- 1) understand the concepts of Rural Development.
- 2) compare the present status of Rural Development.
- 3) review the various Rural Reconstruction Experiments.
- 4) get acquainted with understand the knowledge of Participatory Rural Appraisal and NGOs for rural transformation.

| CC- 1.1 Fundamentals of Rural Development | | |
|--|---|-----------------------------|
| Marks 100: 80 (External) + 20 (Internal) | | Total Hours of Teaching: 60 |
| Syllabus Contents: | | |
| Unit 1: | Rural Development 1.1 Rural Development: meaning, nature, scope and importance 1.2 Basic Elements of Rural Development 1.3 Approaches of Development: Top Down v/s Participatory. 1.4 Rural Development Policies 1.5 Practical and Applications- Related Case Studies and Reports. | 15 Hours |
| Unit 2: | Development Theories 2.1 Concept of Development, Indicators of Development 2.2 Measures of Development, Determinants of Rural Development 2.3 Development Theories: The Modernization Theory, Dependency Theory, Theory of the 'Big Push', Leibenstein's critical minimum Effort Thesis 2.4 Lewis Model of Economic Development, Gunnar Myrdal Thesis, The Human Capital Model of Development, Solow Growth Model 2.5 Practical and Applications- Related Case Studies and Reports. | 15 Hours |
| Unit 3: | Rural Reconstruction Experiments 3.1 Sriniketan, Marthandom and Gurgaon 3.2 Nilokhere Experiments, Etawah Pilot Project. 3.3 Rural Reconstruction in Baroda, Firka Project in Madras 3.4 Recent Developments in Rural Reconstruction: Ralegan Siddhi, HivareBajar, MendhaLekha 3.5 Practical and Applications- Related Case Studies and Reports. | 15 Hours |
| Unit 4: | Participatory Rural Appraisal 4.1 Rapid Rural Appraisal (RRA): Concept and Principles. 4.2 Participatory Rural Appraisal (PRA): Concept, Principles 4.3 PRA Tools and Techniques 4.4 Types of PRA 4.5 Practical and Applications- Related Case Studies and Reports. | 15 Hours |

References:

- 1) Hoshiar Singh: Rural Development in India, Jaipur: Printwell Publishers, 1985.
- 2) Journal of Rural Development, National Institute of Rural Development, Hyderabad.
- 3) Katar Singh (1999), "Rural Development - principles policies and Management" Sage Publications, New Delhi.
- 4) Kurukshetra: A journal of Rural Development, Government of India.
- 5) Satyasundaram (1999) "Rural Development" Himalaya Publishing House, New Delhi.
- 6) Singh, K. 1986, Rural Development: Principles, Policies and Management, New Delhi: Sage Publications

CC- 1.2 Microeconomic Analysis

Course Outcomes:

After completion of this course student will be able to;

- 1) assess the nature of demand based on consumer behavior.
- 2) evaluate the cost and revenue of firms and industries.
- 3) practice the various pricing practices in real business.
- 4) compare the different factor pricing methods.

| CC- 1.2 Microeconomic Analysis | | |
|---------------------------------------|--|-----------------------------|
| | Marks 100: 80 (External) + 20 (Internal) | Total Hours of Teaching: 60 |
| Syllabus Contents: | | |
| Unit 1: | Consumer Behaviour and Demand Analysis 1.1: Introduction- Basic Economic Problems, Inductive and Deductive Methods 1.2: Consumer Behaviour- Cardinal and Ordinal Utility Analysis, Law of Diminishing Marginal Utility, Law of Equi-marginal Utility, Indifference Curve, Consumers Equilibrium, Income and Substitution Effects 1.3: Law of Demand, Functions and Determinants of Demand, Elasticity of Demand - Types, Methods of Measurement, Factors Affecting 1.4: Demand Forecasting- Types, Importance and Methods of Measurement 1.5: Practical and Applications- Related Case Studies and Reports. | 15 Hours |
| Unit 2: | Theory of Production and Cost 2.1: Production Function - Law of Variable Proportions, Law of Returns to Scale, Optimum Factor Combination. Isoquants – Properties, Producers equilibrium. 2.2: Cost Concepts – Types of Costs and Cost Curves, Traditional and Modern Theories of Costs. 2.3: Economies of Scale and Economies of Scope, Supply Curve and its Elasticity. 2.4: Revenue concepts – Average, Marginal and Total Revenue, revenue curves under different market conditions. 2.5: Practical and Applications- Related Case Studies and Reports. | 15 Hours |
| Unit 3: | Price and Output determination under different Market Structures 3.1: Perfect Competition – Features, Price and Output Determination. 3.2: Monopoly – Features, Price and Output Determination, Price Discrimination. Monopolistic Competition - Features, Price and Output Determination, Excess Capacity, Equilibrium of the firm and group with product differentiation and selling cost. 3.3: Oligopoly - Price and output determination – Non Collusive: Kinked demand curve and price rigidity, Collusive: Price leadership and Cartels. 3.4: Pricing Practices 3.5: Practical and Applications- Related Case Studies and Reports. | 15 Hours |

| | | |
|--|--|-----------------|
| Unit 4: | Factor Pricing and Investment Decisions 4.1: Marginal Productivity Theory, Pricing of Factors in Competitive and Imperfectly Competitive Markets. Trade Unions and Wages. 4.2: Rent – Ricardian Theory of Rent- Scarcity Rent and Differential Rent, Modern Theory of Rent, Quasi Rent. 4.3: Interest – Classical Theory of Interest, Liquidity Preference Theory and Loanable Fund Theory of Interest. 4.4: Profit – Innovation Theory, Dynamic Theory, Risk and Uncertainty Theory and Monopoly Theory of Profit. Capital Budgeting- Basic Concepts and Investment Decisions under uncertainty. 4.5: Practical and Applications- Related Case Studies and Reports. | 15 Hours |
| References: <ol style="list-style-type: none"> 1. D.N.Divedi, “Managerial Economics”, Vikas New Delhi. 2. Dominick Salvatore, “Principles of Microeconomics”, Oxford University Press 5th edition. 3. H.L. Ahuja, “Advanced Economic Theory”, S. Chand Publication, New Delhi. 4. Koutsoyiannis, “Modern Microeconomics”, Macmillan Press Ltd. 5. M.L. Jhingan, “Principles of Economics” (Hindi and English), Vikas, New Delhi. 6. M.L.Seth, “Principles of Economics” (Hindi and English), Laxmi Narayan, Agra. 7. Misra S.K. and V.K. Puri (2001), “Advanced Microeconomic Theory”, Himalay Publishing House, New Delhi. 8. Sen, A.(1999), “Micro Economics: Theory and Applications”, Oxford University Press, New Delhi. 9. Stigler, G (1996), “Theory of Price”, Prentice Hall of India, New Delhi. 10. William J. Baumol and Alan H. Blinder, “Microeconomics-Principle and Policy”, 9th edition. | | |

CC 1.3 Quantitative Techniques for Rural Studies

Course Outcomes:

After completion of this course student will be able to;

- 1) use the basic concepts of quantitative techniques in research.
- 2) collect and represent the collected data.
- 3) analyze and interpret the quantitative data.
- 4) develop problem solving skills and decision making.

| CC1.3 Quantitative Techniques for Rural Studies | | |
|--|--|-----------------|
| Marks 100: 80 (External) + 20 (Internal) | Total Hours : 60 | |
| Syllabus Contents: | | |
| Unit 1: | Introduction (Meaning, Types, Collection and Presentation of Data) 1.1: Meaning of quantitative techniques, Ratio and Proportion, Percentages 1.2: Data and data types 1.3: Classification of data: Discrete and continuous frequency distribution 1.4: Graphical presentation of data 1.5: Practical and Applications: Illustrative Examples and Practical Based on real data sets obtained by field visit or survey. | 15 Hours |
| Unit 2: | Measures of Central Tendency and Measures of Dispersion 2.1: Concept of measures of central tendency, Requirements of good statistical average. 2.2: Arithmetic Mean, Geometric Mean and Harmonic Mean, Median and Mode 2.3: Concept of dispersion, Absolute and Relative measures of dispersion, Requirements of a good measure of dispersion 2.4: Range and Coefficient of range, Quartile Deviation (Semi-interquartile range) and Coefficient of Q.D. Mean Deviation(M.D.) and Coefficient of M.D, Standard Deviation and Variance, Coefficient of Variation 2.5: Practical and Applications: Illustrative Examples and Practical Based on real data sets obtained by field visit or survey. | 15 Hours |
| Unit 3: | Correlation 3.1: Concept of correlation between two variables, Types of correlation 3.2: Scatter diagram, its utility. 3.3: Karl Pearson's coefficient of correlation (r): Computation for ungrouped and its interpretation. 3.4: Spearman's rank correlation coefficient: Computation for ungrouped and its interpretation 3.5: Practical and Applications: Illustrative Examples and Practical Based on real data sets obtained by field visit or survey. | 15 Hours |
| Unit 4: | Regression, Probability and Probability Distribution 4.1: Concept of regression, Equations of lines of regression: Computation for ungrouped and its interpretation 4.2: Random experiment, sample space and classification of sample spaces 4.3: Classical and Axiomatic definition of probability 4.4: Random variable, Probability distribution, Normal Distribution 4.5: Practical and Applications: Illustrative Examples and Practical Based | 15 Hours |

on real data sets obtained by field visit or survey.

References:

1. Anderson, Sweeney & Williams, "Statistics for Business & Economics" Cengage Learning.
2. Bhat B. R., Srivenkatramana T. and MadhavaRao K. S. (1996), "Statistics: A Beginner's Text", Vol. 1, New Age International (P) Ltd.
3. Gupta S. C., "Fundamentals of Statistics", Himalaya Publishing House.
4. Gupta S. P. (2002), "Statistical Methods", Sultan Chand and Sons, New Delhi.
5. Gupta S. C. and Kapoor V. K., "Fundamentals of Mathematical Statistics".
6. Goon A.M., Gupta M.K., and Dasgupta B., "Fundamentals of Statistics", Vol. I, and II, World Press, Calcutta.
7. Hooda R. P., "Statistics for Business and Economics", Vikas Publishing, 5th Edition.
8. Sharma J. K, "Business Statistics", Vikas Publishing.

CC-1.4 Cooperatives and Rural Development

Course Outcomes:

After completion of this course student will be able to;

- 1) compare the successful practices of co-operation across the countries.
- 2) extend co-operative principles in governance and administration of co-operative organization.
- 3) analyze the functioning of different types Credit and Non-Credit Co-operative Societies.
- 4) demonstrate the importance of co-operative institutions.

| CC-1.4 Cooperatives and Rural Development | | |
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| Marks 100: 80 (External) + 20 (Internal) | Total Hours of Teaching: 60 | |
| Syllabus Contents: | | |
| Unit 1: | Principles and Practices of Co-operation 1.1: Co-operation: Definition, Nature, Scope, Features, Co-operation and Capitalism, Co-operation and Socialism. 1.2: Co-operative Principles-Scheultze Delitsche and Raiffeisen, ICA Principles. 1.3: Co-operative Thinkers - Robert Owen, Charles Fourier, Paul Lambert, Frederick Nicholson, D. R. Gadgil and Vaikunthbhai Mehta, Yashwantrao Chavan. 1.4: Practices of Co-operation in other countries - Germany, Britain, Denmark, Israel. 1.5: Practical and Applications- Related Case studies and Reports. | 15 Hours |
| Unit 2: | Co-operative Governance 2.1: Origin and History of cooperative Movement in India and Maharashtra. 2.2: Henry Fayol's General Principles of Management, Theories of Leadership, Qualities of Good Leadership. 2.3: Powers, Functions and Role of Secretary/Managing Director, Board of Directors and Registrar 2.4: Professionalization of Co-operative Management, Types and procedure of General Body Meetings, Cooperative Education and Training. 2.5: Practical and Applications- Related Case studies and Reports. | 15 Hours |
| Unit 3: | Credit and Non-Credit Co-operative Societies 3.1: Structure and Functions of Short Term and Long Term Co-operative Credit Societies - SCB's, DCCB's, PAC's, SCARDB's and PCARDB's. 3.2: Urban Co-operative Banks- Organization, Functions and Problems. 3.3: Organization, Functions and Problems of Agricultural Co-operatives - Co-operative Processing, Co-operative Marketing, Co-Farming. 3.4: Organization, Functions and Problems of Non-Agricultural Co-operatives - Consumer Co-operatives, Housing Co-operatives, Labour Co-operatives, Fisheries Cooperatives. 3.5: Practical and Applications- Related Case Studies and Reports. | 15 Hours |

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| Unit 4: | Co-operative Institutions and Commissions 4.1: NABARD, NCUI, NCDC. 4.2: NCCF, NAFED, NDDB. 4.3: KVIC, IFFCO, KRIBHCO. 4.4: Important Committees on Cooperatives. 4.5: Practical and Applications- Related Case studies and Reports. | 15 Hours |
| References: <ol style="list-style-type: none"> 1) Bedi, R. D., “Theory, History and Practice of Co-operation with reference to Cooperation in Foreign countries”. 2) Dr. R. C. Dwivedi, (1997), “Co-operative Identity, Concept and Reality”, M/S 3) Govt. of Maharashtra, Cooperative Movement at a Glance (Latest Annual 4) Hajela T.N.(2007), “Co-operation Principles Problems and Practice of Cooperation” Ane Books Private Ltd., New Delhi. 5) Jugale, V. B., Koli, P. A., “Reasserting the Co-operative Movement”, Serials 6) Kamat, G. S., “New Dimensions in Cooperatives”, Himalaya Publishing House 7) Mathur B.S. (1999), “Cooperation In India”, SahityaBhavan Publications, Agra . Paramount Publishing House, New Delhi 8) Patil, J. F. &Patil, V. S., “Problems and Prospects of Co-operative Movement”, Publications, New Delhi, (2005) 9) Ramkishan.Y (2003), “Management of Cooperatives” Jaico Publishing House, Mumbai 10) Report of High Powered Committee on Cooperatives (2009). | | |

CC- 1.5 Indian Rural Livelihoods

Course Outcomes:

After completion of this course student will be able to;

- 1) develop innovative livelihood models in Agriculture, Horticulture, Floriculture, Sericulture and Forestry.
- 2) illustrate the rural labour market and their problems.
- 3) demonstrate the rural marketing pros and cons.
- 4) evaluate the importance of rural infrastructure in rural development.

| CC- 1.5 Indian Rural Livelihoods | | |
|---|---|-----------------|
| Marks 100: 80 (External) + 20 (Internal) | Total Hours of Teaching: 60 | |
| Syllabus Contents: | | |
| Unit 1: | Introduction to Rural Resources 1.1: Concept and definition of rural livelihood, Indicators of rural livelihood, Rural Resources - land, soil, climate, water and forests. 1.2: Production Systems - Agriculture, Horticulture, Floriculture, Sericulture, Forestry; 1.3: Agriculture– Importance in Indian Economy, Productivity, Changing land use and cropping pattern, Green Revolution-Problems. 1.4: Non-farm Activities – Traditional and innovative techniques. 1.5: Practical and Applications – Related Case studies and Reports. | 15 Hours |
| Unit 2: | Rural Labour Market 2.1: Features of Demographic Dynamics of India. 2.2: Poverty and Inequality - types, measurement, nature and dimensions in India. 2.3: Unemployment - nature, extent and trends. Rural Labour Supply - mobility of labour and segmentation in labour markets. 2.4: Agricultural wages and its Disparities, Non-agricultural rural employment- trends and determinants. 2.5: Practical and Applications – Related Case studies and Reports. | 15 Hours |
| Unit 3: | Rural Infrastructure 3.1: Concept and role of rural infrastructure, Social Infrastructure – Education and Health; Recent Trends and Policies. 3.2: Transport and Communication - Role in Economic Development. 3.3: Energy - Conventional and Non-Conventional sources of Energy. 3.4: Irrigation and Water Management – Policies and Programmes, Progress and Problems, Potable and non-potable Water. 3.5: Practical and Applications – Related Case studies and Reports. | 15 Hours |

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|---|---|-----------------|
| Unit 4: | DAY-NRLM 4.1: DAY-NRLM - Genesis, Mission and Features 4.2: NRLM - Components 4.3: NRLPS - Objectives 4.4: Maharashtra State Rural Livelihood Mission 4.5: Practical and Applications – Related Case studies and Reports. | 15 Hours |
| References: 1) Agarwal A.N. and Kundan K.L, “Agricultural Problems of India”,Vikas Publication House New Delhi. 2) Datt and Sundaram (2008), “Indian Economy”, S. Chand & Company, New Delhi. 3) Hohn W. Penson, Oral Capps, C. Parr Rosson, (1999), “Introduction toAgricultural Economics”, Prentice Hall, New Jersey. 4) Khusro A.M. (1968), “Leading issues in Agricultural Development”, Allied Publishers, Bombay. 5) Mishra and Puri, (2008), “Indian Economy”Himalaya Publishing House, New Delhi. 6) Papola T.S. (1982), “Rural Industrialization in India”, Himalaya Pub. House, Delhi. 7) Vaidhanathan A. (1995), “The Indian Economy: Crisis, Response and Prospects”, Orient Lognmans, New Delhi. 8) Wanmali S, and C, Ramasamy (Edn) (1995), “Developing Rural Infrastructure”, McMillan, New Delhi. | | |

OEC-1.6 Introduction to Accounting

Course Outcomes:

After completion of this course student will be able to;

- 1) understand the financial accounting and analyse the results.
- 2) understand accounting for non trading organizations.
- 3) know the cost accounting for rural enterprises.
- 4) apply management accounting and decision techniques.

| OEC-1.6 Introduction to Accounting | | |
|---|--|-----------------------------|
| Marks 100: 80 (External) + 20 (Internal) | | Total Hours of Teaching: 60 |
| Syllabus Contents: | | |
| Unit 1: | Financial Accounting 1.1 Definition, Concepts and Conventions, Objectives, Branches, Scope and Limitations of Financial Accounting. 1.2 Preparation of Journal, Ledger, Trial Balance 1.3 Trading and Profit and Loss account and Balance Sheet. 1.4 Introduction to Accounting standards. 1.5 Practical and Application: Develop specimen vouchers and record the Transactions accordingly by passing journal entry and consequently posting the same into ledger and finally come out with income statement and balance sheet. | 15 Hours |
| Unit 2: | Accounting for Non trading Organizations 1.1 Receipt and Expenditure Account 1.2 Accounting for NGOs 1.3 Accounting for Cooperatives and Small Rural Enterprises 1.4 Introduction to farm accounting 1.5 Practical and Application: Visit any Non Trading Organizations unit to identify Receipt and Expenditure of the organizations. To prepare farm accounts by visiting farm or green house. | 15 Hours |
| Unit 3: | Cost Accounting for Rural Enterprises 3.1 Introduction, Meaning, Scope and Advantages of Cost Accounting. 3.2 Classification of Costs and Elements of Cost 3.3 Cost unit and cost center 3.4 Preparation of Cost Sheet 3.5 Practical and Application: Visit any agri enterprise to identify elements of cost, Prepare cost sheet. | 15 Hours |
| Unit 4: | Management Accounting and Decision Techniques 4.1 Introduction, Meaning, Nature, Scope and Limitations of Management Accounting. 4.2 Distinction among Financial, Cost and Management Accounting. 4.3 Marginal Costing and CVP Analysis – Profit Volume Ratio, Break Even Analysis, Margin of Safety, Angle of Incidence. 4.4 Decision Making with key factor. 4.5 Visit any rural enterprise, collect information regarding variable cost, fixed cost etc. and calculate Breakeven Point for products. | 15 Hours |

References:

1. A.A. Ansari, "Cooperative Management Pattern"
2. B.B. Goel, "Cooperative Management and Administration"
3. Gupta and Radhaswamy, "Advanced Accountancy"
4. Indian Journal of Rural Management : Sage Publications
5. Jain and Narang, "Advanced Accountancy"
6. JawaharLal, "Cost Accounting"
7. Journal of Cooperative Studies :U.K. Society of Cooperative Studies
8. M.E. ThukaramRao, "Accounting for Managers"
9. M.N. Arora, "Cost Accounting"
10. Management Accountant : Journal of ICWAI
11. ManmohanGoel, "Management Accounting"
12. Shukla and Grewal, "Advanced Accountancy".
13. The Chartered Accountant : Journal of the ICAI

CCPR 1.7 Extensions and Field Visit – II (Exposure Visits)

Course Outcomes:

After completion of this course student will be able to;

- 1) work as expert in the field visit.
- 2) act as expert in survey techniques.
- 3) act as expert in analyze the village role of stakeholders critically.
- 4) study a village with also the relevant components.

| CCPR 1.7 Extension and Field Visit – II (Exposure Visits) |
|---|
| Marks 100: 80 (External) + 20 (Internal) |
| Objectives: <ol style="list-style-type: none">1) To get a holistic knowledge of a Government Organization/ NGO/ CSR.2) Students get exposed towards the functioning of concerned organization.3) To make student able to learn SWOC analysis of the organization.4) To develop the ability to learn service delivery, routine administration, staff supervision and training, prepare project proposal, time management, management and documentation.5) To learn innovative practices by various organization in the field of rural development.6) To understand the problems faced by institutions. |
| Type of work assignment: <ol style="list-style-type: none">1) Student should pay minimum 08 visits to one specific village.2) The students are supposed to submit each report separately in prescribed format.3) Student should critically evaluate the organization separately and recommend remedies for the development of organization. |
| Guidelines: <ol style="list-style-type: none">1) Every student supposed to submit separate report of each visit.2) The report carries 80 marks and will be evaluated by the internal examiners (concerned teacher).3) There shall be a viva voce of 20 marks on the basis of the report and it will be conducted by both the internal and external experts as appointed by the university. <ol style="list-style-type: none">1) Minimum passing marks will be minimum 40% in each component i.e. a) Report and b) Viva voce. |

AEC 1.8 Logical Reasoning and Analytical Ability

Course Outcomes:

After completion of this course student will be able to;

- 1) apply the basic concepts of Quantitative Ability
- 2) understand the basic concepts of Logical Reasoning Skills
- 3) solve campus placements aptitude papers covering Quantitative Ability, Logical Reasoning and Verbal Ability
- 4) compete in various competitive exams like CAT, CMAT, GATE, GRE, GATE, MPSC, UPSC and all other government examinations etc.

| MRS 1.1 Logical reasoning and analytical ability | | |
|--|---|-----------------------------|
| Marks 50 (Internal) | | Total Hours of Teaching: 30 |
| Syllabus Contents: | | |
| Unit 1: | Number System, H.C.F. and L.C.M. of Numbers , Decimal Fractions, Simplification, Square Roots and Cube Roots, Average, Problems on Numbers, Problems on Ages, Surds and Indices, Percentage, Profit and Loss, Ratio and Proportion, Partnership, Chain Rule, Time and Work, Time and Distance | 15 Hours |
| Unit 2: | Simple Interest, Compound Interest, Area, Volume and Surface Area, Races and Games of Skill, Calendar, Clocks, Permutations and Combinations, Heights and Distances, Odd Man Out and Series, Data Interpretation: Tabulation, Bar Graphs, Pie Chart, Line Graphs | 15 Hours |
| References: | | |
| <ol style="list-style-type: none">1) Arun Sharma “Quantitative Abilities”.2) Arun Sharma “Teach Yourself Quantitative Aptitude”.3) R.S. Agarwal, “Quantitative Aptitude for Competitive Examinations”, S Chand Publisher.4) R.S. Agarwal, “Verbal and Non-Verbal reasoning”, S Chand Publisher.5) Rajesh Verma, “Fast Track Objective Arithmetic”. | | |

MRS 2.1 Macroeconomic Analysis

Course Outcomes:

After completion of this course student will be able to;

- 1) explain the interrelationships among the various macroeconomic variables.
- 2) analyze the importance of consumption and investment function in development process.
- 3) interpret the effects of Inflation, Business Cycle on economy.
- 4) illustrate the role of international organizations in economic development.

| MRS 2.1 Macroeconomic Analysis | | |
|---|--|-----------------|
| Marks 100: 80 (External) + 20 (Internal) | Total Hours of Teaching: 60 | |
| Syllabus Contents: | | |
| Unit 1: | Introduction and Macroeconomic Variables 1.1: Concepts of macroeconomics, Nature and Scope of Macroeconomics, Macroeconomic character of the Indian economy. 1.2: Circular Flow of Income - Two Sector, Three Sector and Four Sector Open Economy. 1.3: National Income - Concepts, Components and Measurement of National Income. 1.4: National Income Accounting - Social Accounting, Input-Output Accounting, Flow of Funds Accounting, Balance of Payments Accounting. 1.5: Practical and Applications – Related Case studies and Reports. | 15 Hours |
| Unit 2: | Macroeconomic Theory and Supply of Money 2.1: Theory of Income and Employment- Classical Keynesian. 2.2: Consumption Function - Theories of Consumption - Keynesian and Post Keynesian Consumption Theories. Marginal Efficiency of Capital (MEC). Consumption and Investment Functions- applicability in developing economies. 2.3: Investment Multiplier, Leakages in the Multiplier Process and Importance of Multiplier. 2.4: Supply of Money - Measures and Determinants, Credit Creation Process. Demand for Money – Classical and Keynesian.IS-LM and Mundell–Fleming model. 2.5: Practical and Applications- Related Case studies and Reports. | 15 Hours |
| Unit 3: | Inflation, Business Cycle and Economic Stabilization 3.1: Inflation – Approaches, Types, Causes, Effects and Measures. 3.2: Business Cycle - Features and Phases of Business Cycles, Theories of Business Cycles 3.3: Macroeconomic Policies: Fiscal Policy and Monetary Policy - Objectives, Instruments. Relative Effectiveness of Fiscal Policy and Monetary Policy. 3.4: Phillips Curve, natural rate of unemployment hypothesis, adaptive expectations and rational expectations. 3.5: Practical and Applications- Related Case studies and Reports. | 15 Hours |

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| Unit 4: | Macroeconomics in Open Economy 4.1: Balance of Payments - Meaning and Components. Exchange Rate - Meaning, Types and Theories. 4.2: Economic reforms and structural adjustment programmes, Washington consensus, Policies of LPG. 4.3: Foreign Investment, TNCs & MNCs. 4.4: International Organisations - WTO, IMF, IBRD, IDA, IFC. 4.5: Practical and Applications- Related Case studies and Reports. | 15 Hours |
| References: 1) Ackley, G. (1978), "Macroeconomics: Theory and Policy", Macmillan, New York. 2) Gordon, R. and S. G. Harris (1998), "Macroeconomics", Addison Wesley. 3) H.L. Ahuja, "Economic Environment of Business - Macroeconomic Analysis", S. Chand Publication, New Delhi. 4) H.L. Ahuja, "Macro Economics Theory and Policy", S. Chand Publication, New Delhi. 5) Hall, R. E. and J. B. Taylor (1986), "Macroeconomics", W. W. Norton, New York. 6) Jha, R. (1991), "contemporary Macroeconomic Theory and Policy", Wiley Eastern Ltd., 7) Jha, R. (1999), "Contemporary Macroeconomic Theory and Policy", New Age International 8) (P) Ltd., New Delhi. 9) Keynes, J. M. (1936), "The General Theory of Employment, Interest and Money", Macmillan London. 10) M.L. Jhingan, "Macro Economic Theory", Vrinda Publications (P) Ltd. Delhi. 11) New Delhi. 12) Romer, D. L. (1996), "Advanced Macroeconomics", McGraw Hill Company Ltd., New York 13) Shapiro, E. (1996), "Macroeconomic Analysis", Galgotia Publications, New Delhi. | | |

CC 2.2 Research Methodology for Rural Studies

Course Outcomes:

After completion of this course student will be able to;

- 1) understand some basic concepts of research and its methodologies
- 2) develop an understanding of various research designs and techniques.
- 3) independently be able to search for, integrate and critically assess research information.
- 4) undertaking research on rural phenomenon and report writing.

| CC 2.2: Research Methodology for Rural Studies | | |
|---|--|-----------------|
| Marks :100 = (External - 80) + (Internal - 20) | Total Hours : 60 | |
| Syllabus Contents: | | |
| Unit 1: | Introduction and Process of Research 1.1: Meaning, objectives and Motivation in research. 1.2: Types of Research. 1.3: Research Process. 1.4: Relevance & Scope of Research in functional areas. 1.5: Practical and Applications: Identify the research problems with reference to rural development. | 15 Hours |
| Unit 2: | Research Design and Sampling Techniques 2.1: Research Design: Introduction, Meaning, Characteristics, Advantages, Importance of a Good Research Design. 2.2: Types of Research Designs and various Steps. 2.3: Literature review process and various sources of 2.4: Census Survey and Sampling Techniques: Simple Random Sampling (SRS) with its types SRSWR and SRSWOR, Stratified Sampling, Cluster Sampling, Quota Sampling. 2.5: Practical and Applications: Preparation of research and sample design. | 15 Hours |
| Unit 3: | Data Collection, Processing and Analysis: 3.1: Primary and Secondary data 3.2: Methods of Primary Data Collection: Observation Method, Interview Method, Mailed Questionnaire Method 3.3: Sources of Secondary Data. 3.4: Editing, Coding, Classification and Tabulation of Data, Analysis and Interpretation of data 3.5: Practical and Applications: Exercise on data collection and presentation. | 15 Hours |

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| Unit 4: | Testing of Hypothesis and Report Writing 4.1: Introduction to testing of Hypothesis problem. 4.2: Definitions of Terms: Null and Alternative Hypothesis, Level of Significance, Types of Errors – I and II, Size and Power of Test. 4.3: Steps involved in Testing of hypothesis. Types of Test: Parametric and Non-parametric Tests, Small and Large Sample, One and Two Sample tests. 4.4: Report Writing: Steps involved in Report Writing, Requisites of Good research Reports. 4.5: Practical and Applications: Exercise on Testing of hypothesis | 15 Hours |
| References: <ol style="list-style-type: none"> 1) Ahuja R., Research Methods, Research Methods, Rawat Publication, New Delhi Kothari C. R., “Research Methodology”. 2) Arlene Fink, “How to Conduct Surveys: A Step by Step Guide”, Sage publication. 3) GopalLal Jain, “Research Methodology Methods, Tools & Techniques”, Mangal Deep Pub. Jaipur. 4) Jai Narain Sharma, “Research Methodology The Discipline & Its Dimenssions”,, Deep & Deep New Delhi. 5) Krishnaswami O. R., “Methodology of Research in Social Science”, Himalaya Pub House. 6) Michael V. P., “Research Methodology in Management” 7) Mohan S., Elangovan R., “Research Methodology in Commerce”, Deep & Deep, New Delhi. 8) Raj Kumar, “Methodology of Social Sciences Research” Book Enclave, Jaipur. | | |

CC- 2.3: Public Budget and Budgetary Process

Course Outcomes:

After completion of this course student will be able to;

- 1) understand concept and process of public budget.
- 2) analyze trends in public expenditure
- 3) asses trends in public Revenue
- 4) get aquatint with the concept of public debt and trends there in.

| CC- 2.3: Public Budget and Budgetary Process | | |
|---|--|-----------------------------|
| Marks 100: 80 (External) + 20 (Internal) | | Total Hours of Teaching: 60 |
| Syllabus Contents: | | |
| Unit 1: | Introduction to Public Budget 1.1 Concept and theory of public budget 1.2 Objectives and types of budget 1.3 Measures of Deficits: Revenue , Effective Revenue, Budgetary, Capital Account, Fiscal, Primary and Monetized 1.4 Public Budget Making and Execution Process: Central, State and Local Governments in India 1.5 Practical and Applications: Related Case Studies and Reports | 15 Hours |
| Unit 2: | Public Expenditure 2.1 Concept and Reasons for Growth 2.2 Theories of Public Expenditure: Wagner, Wiseman-Peacock 2.3 Classification and Effects of Public Expenditure 2.4 Public Expenditure: Central, State and Local Governments in India 2.5 Practical and Applications : Related Case Studies and Reports | 15 Hours |
| Unit 3: | Public Revenue 3.1 Concept and Significance 3.2 Total Revenue: Revenue Receipts and Capital Receipts - Tax and Non-Tax Revenue 3.3 Public Revenue: Central, State and Local Governments in India 3.4 Finance Commission (Central and State) and NITI Ayog: Devolving of Revenue 3.5 Practical and Applications: Related Case Studies and Reports | 15 Hours |
| Unit 4: | Public Debt 4.1 Concept and Causes of Borrowing 4.2 Classification of Public Debt 4.3 Effects of Public Debt 4.4 Public Debt: Central, State and Local Governments in India 4.5 Practical and Applications: Related Case Studies and Reports | 15 Hours |

References:

- 1) Ahuja, H. L. (2015). Modern Microeconomics: Theory & Applications. New Delhi - 110044: C Chand Publishing.
- 2) Atkinson, A. B. and J. E. Stiglitz (1980), Lectures on Public Economics, Tata McGraw Hill, New York.
- 3) Auerbach, A. J. and M. Feldstern (Eds.) (1985), Handbook of Public Economics, Vol. I, North Holland, Amsterdam.
- 4) Buchanan, J. M. (1970), The Public Finances, Richard D. Irwin, Homewood.
- 5) Goode, R. (1986), Government Finance in Developing Countries, Tata McGraw Hill, New Delhi.
- 6) Houghton, J. M. (1970), The Public Finance: Selected Readings, Penguin, Harmondsworth.
- 7) Jha, R. (1998), Modern Public Economics, Routledge, London.
- 8) Lekhi, R. K. (2003). Public Finance. New Delhi: Kalyani Publication.
- 9) Menutt, P. (1996), The Economics of Public Choice, Edward Elgar, U. K.
- 10) Musgrave, R. A. (1959), The Theory of Public Finance, McGraw Hill, Kogakhusa, Tokyo
- 11) Tyagi, B. P. (2015). Public Finance. New Delhi: Kalyani Publication.
- 12) Socio-Economic Survey of India and Maharashtra.
- 13) RBI Publications
- 14) Budgets : Union government , State governments , Local governments
- 15) Planning commission and NITI Ayog Reports

CC- 2.4 Economy of Maharashtra

Course Outcomes:

After completion of this course student will be able to;

- 1) understand the basic features of economy of Maharashtra.
- 2) assess present position of agriculture, industry and service sector.
- 3) ermine the problems faced by the economy of Maharashtra.
- 4) assess the realities of HDI, Infrastructure position and Public Finance.

| MRS CC- 2.4 Economy of Maharashtra | | |
|---|--|-----------------------------|
| Marks 100: 80 (External) + 20 (Internal) | | Total Hours of Teaching: 60 |
| Syllabus Contents: | | |
| Unit 1: | Introduction to Economy of Maharashtra 1.1 Basic features of the economy of Maharashtra: Location, Structure, Land, Forest, Environment and Mineral resources. 1.2 Demography of Maharashtra: Size, Growth rate, Literacy rate, Sex ratio, Urban and rural population, Migration. 1.3 Growth and Structural changes in SGDP since 1991. 1.4 Place of Maharashtra in economic development of India. 1.5 Practical and Applications | 15 Hours |
| Unit 2: | Agricultural Development of Maharashtra 2.1 Significance of agriculture in the economy of Maharashtra: Contribution in SGDP, Land use and cropping pattern, Production and productivity, Horticulture, Fisheries and Livestock. 2.2 Agriculture finance: Credit provided by banks and financial institutions, Crop insurance, Agriculture and budget of Maharashtra. 2.3 Irrigation in Maharashtra: Watershed Development Programme, Jalyukt Shivar, Pani Foundation Movement. 2.4 Agrarian distress in Maharashtra- Agricultural policy of Maharashtra 2.5 Practical and Applications | 15 Hours |
| Unit 3: | Industry and Service Sector of Maharashtra 3.1 Role of MIDC, SICOM, MSFC in industrial development 3.2 Strategy for industrial development in Maharashtra: SEZ, FDI 3.3 Role of service sector in economic development- Government initiatives for service sector development. 3.4 Regional disparities in Maharashtra: Causes and remedies 3.5 Practical and Applications | 15 Hours |
| Unit 4: | HDI, Infrastructure and Public Finance 4.1 Human Development in Maharashtra 4.2 Infrastructure in the Economy of Maharashtra 4.3 Revenue and Expenditure: Growth and Composition 4.4 Public Debt: Growth and Composition- Trends in Deficit 4.5 Practical and Applications | 15 Hours |

References:

- 1) Government of Maharashtra: Economic Survey of Maharashtra, Various Issues.
- 2) Government of Maharashtra: Yojana magazine, Various Issues.
- 3) Kurulkar R. P. (1997):Maharashtrachi Arthvyavastha (Marathi) VidyaPrakashan, RuikarMarg,Nagpur.
- 4) Maharashtra RajyaNiyojanMandal (2002) :ManavVikasAhawal, Maharashtra.
- 5) MunagekarBhalchandra (2003) :The Economy of Maharashtra – Changing Structure and Emerging Issues, Dr. Ambedkar Institute of Social and Economic Change, Mumbai
- 6) PansareGovind (2012) :MaharashtrachiArthikPahani – ParyayiDrushtikon
- 7) Patil J.F.(2010) :SuvarnaMahotsaviMaharashtrachiBadalatiArthvyavastha (Marathi),AbhijitPratapPawar, Sakal Papers Ltd., 595, BudhwarPeth, Pune
- 8) Reserve Bank of India: Handbook of Statistics of Indian Economy
- 9) World Bank (2002) India :Maharashtra Reorienting Govt. to Facilitate Growth and Reduce Poverty

OEC 2.6 Role of Information Technology in Rural studies and Development

Course Outcomes:

After completion of this course student will be able to;

- 1) state components of information technology enabled systems.
- 2) explain scope of information technology in rural studies and development.
- 3) describe information technology applications in rural development.
- 4) examine challenges in use of Information Technology in rural studies and development

| OEC 2.6 Role of Information Technology in Rural studies and Development | | |
|--|---|-----------------|
| Marks 100: 80 (External) + 20 (Internal) | Total Hours of Teaching: 60 | |
| Syllabus Contents: | | |
| Unit 1: | Introduction to Information Technology 1.1 Information Technology: Definition, Components of Information Systems, Software, Data and Information. 1.2 Computer system: Basic block diagram, Input devices, Output devices, Storage devices, Concept of Files and directories. 1.3 Office suite: Word processor, Spreadsheets, Presentations 1.4 Internet : Overview, Working of the Internet and World wide web, Web Browsers and their use, Smartphone apps 1.5 HTML : Uses, features, tags, Images and Tables in HTML | 15 Hours |
| Unit 2: | Scope of ICTs in rural studies and development 2.1 Software tools: Data collection tools, Data Analysis tools, Open source field survey and reporting softwares 2.2 Rural connectivity and service delivery : Information kiosks, Citizen service centers, Community radio centers, Dedicated television channels, Business services 2.3 Capacity-building and empowerment : Agriculture, Employment opportunities, Social services, Women empowerment, Emergence of Information economy, Climate change 2.4 Improving Quality of rural life: Infrastructure, Education, Health, access to credit and finance. 2.5 e-governance: Transparency, Accountability, Efficiency, Accessibility, inclusive and participative development | 15 Hours |
| Unit 3: | IT applications in Rural development 3.1 ICTs applications at the individual level: Provision of community services: e-health, e-learning, e-libraries, e-culture, m-e-banking. 3.2 ICTs applications at the societal level : e-inclusion, Social networking, Social learning, Participatory decision making, teleworking 3.3 ICTs applications at the business level : e-Agriculture, Food quality and safety, e-business, G2C, G2B and G2G applications 3.4 AGRIMARKET APP, BHIM (BHARAT INTERFACE FOR MONEY), CROP INSURANCE MOBILE APP 3.5 E-PANCHAYAT, EBIZ portal, ENAM (National Agricultural Market), E-PATHSHALA | 15 Hours |

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|--|--|-----------------|
| Unit 4: | <p>Challenges of Application of IT in rural development</p> <p>4.1 Resources: Network Infrastructure, speed, accessibility, funding, lack of skilled human resources</p> <p>4.2 Rural Capacities: Poverty, Illiteracy, Technical illiteracy, limited awareness, lack of knowledge</p> <p>4.3 Service availability : Limited range of e-government services, Low level of entrepreneurship in rural regions,Lack of training opportunities / structures</p> <p>4.4 Miscellaneous challenges w.r.t. India: Geographic extent, Digital divide, region specific Language barrier, Lack of trust to technology at the local society, Barriers due to culture and traditions, lack of region-specific and demand-driven approach</p> <p>4.5 The multiplicity of application-specific network requirements</p> | 15 Hours |
| <p>References:</p> <ol style="list-style-type: none"> 1) Michael Miller, “Absolute Beginner’s guide to computer Basics”, Fourth Edition, Pearson Education (2007). 2) Peter Norton, “Introduction to computers”, Sixth Edition Tata McGraw Hill (2007). 3) R. K. TAXALI, “PC Software for Windows 98, Made Simple” TMH. 4) Sanjay Saxena, ”MS Office 2000 for every one” Vikas Publishing House PVT LTD. 5) Sinha P. K., “Computer Fundamentals, BPB. 6) Will Train, GiniCorter, Annette Marquis, “Microsoft Office” BPB. 7) Xavier, C, “Introduction to Computers and Basic Programming” New age International. 8) www.meity.gov.in 9) rural.nic.in | | |

CCPR 2.7 Extension and Field Visit – II (Village Study)

Course Outcomes:

After completion of this course student will be able to;

- 1) act as expert in the field visit.
- 2) act as expert in survey techniques.
- 3) act as expert in analyze the village role of stakeholders critically.
- 4) study a village with also the relevant components.

CCPR 2.7 Extension and Field Visit – II (Village Study)

Marks 100: 80 (Report) + 20 (Viva-voce)

Objectives:

- 1) To get a holistic and overall knowledge of rural habitat by using various data collection tools.
- 2) Students get exposed about essential stakeholders of a village.
- 3) To make student skilled in area of participatory research and intervention.
- 4) To make student competent to tackle critical situations.
- 5) To develop skills of student about community organization.
- 6) To develop an understanding of the pattern of behavior peoples; their strengths and their pathological behavior.

Type of work assignment:

- 4) Student should pay minimum 15 visits (7.5 hours) to one specific village.
- 5) The students are supposed to prepare community profile, need assessment, felt needs of community members.
- 6) Student should intervene in making VDP, Resource Mobilization, Execution of Action Plan and Evaluation of Programmes.

Guidelines:

- 4) Every student supposed to submit separate report of each visit.
- 5) The report carries 80 marks and will be evaluated by the internal examiners (concerned teacher).
- 6) There shall be a viva voce of 20 marks on the basis of the report and it will be conducted by both the internal and external experts as appointed by the university.
- 7) Minimum passing marks will be minimum 40% in each component i.e. a) Report and b) Viva voce.

SEC 2.8 Communication Skills

Course Outcomes:

After completion of this course student will be able to;

- 1) apply knowledge of human communication in various development contexts.
- 2) apply communication strategies and principles to prepare effective development communication in rural development.
- 3) participate in team activities that lead to the development of collaborative work skills.
- 4) use effective communication tools and technologies.

| SEC 2.8 Communication Skills | | |
|---|--|-----------------|
| Marks 50 (Internal) | Total Hours of Teaching: 30 | |
| Syllabus Contents: | | |
| Unit 1: | 1.1: Communication: Concept - Objectives - Importance 1.2: Process & Barriers in Communication. 1.3: Functions of Communication, Channels of Communication. 1.4: Types of Communication, Basic Models of Communication. 1.5: Practical and Applications - Role Play, Extempore, Group Discussion etc. | 15 Hours |
| Unit 2: | 2.1: Development Communication: Nature - Scope and Significance, Challenges. 2.2: Strategies of Development Communication, Effective Communication for Development 2.3: Strategic Functions of Communication in Rural Development – Initiatives. 2.4: Agricultural Communication and Rural Development : The Genesis of Agricultural Extension, Extension Approach System - Approach in Agricultural Communication on Diffusion of Innovation 2.5: Practical and Applications- Related Case Studies, Surveys Reports etc | 15 Hours |
| Reference: | | |
| <ol style="list-style-type: none"> 1) GPH Panel of Experts (2015): Communication and Extension in Rural Development. Gullybaba Publishing House P Ltd., Edition: 1. 2) Kumar Keval J. (1994): Mass Communication in India. Jaico, Edition: 4. 3) MelkoteSrinivas , H. Leslie Steeves (2015): Communication for Development : Theory and Practice for Empowerment and Social Justice. SAGE Publications India Pvt Ltd., Edition: 3. 4) Narula Uma (2007): Development Communication: Theory and Practice. Haranand Publications Pvt Ltd, Edition: 1. 5) Sandhu A. S. (2017): Textbook On Agricultural Communication. Oxford &Ibh. | | |

Shivaji University, Kolhapur
Yashwantrao Chavan School of Rural Development
Master of Rural Studies
Equivalence of Old Courses (2017-18) and New Courses (2020-21)

| Old Course Title(2017-18) | New Course Title (2020-21) |
|--|---|
| Introduction to Rural Development | Fundamentals of Rural Development |
| Economic Analysis for Rural Management | Microeconomic Analysis |
| Quantitative Methods for Rural Development | Quantitative Techniques for Rural Studies |
| Financial, Cost and Management Accounting | Introduction to Accounting |
| Rural Livelihood Systems | Indian Rural Livelihoods |
| Cooperatives and Rural Development | Cooperatives and Rural Development |
| Introduction to Bioeconomics | Natural Resource Economics |
| Economic Environment and Policy | Macroeconomic Analysis |
| Research Methodology | Research Methodology for Rural Studies |
| Computer Applications for Rural Studies | Role of Information Technology in Rural studies and Development |
| Risk Management & Rural Insurance | Rural Insurance |
| Rural Development Programmes and Policies | Rural Development Programmes and Policies |
| Resource Economics | Natural Resource Economics |
| Basic Econometrics | Quantitative Techniques for Rural Studies |
| Communication and Public Relations | Rural Administration |
| Rural Development Interventions | Rural Innovations and Startup |
| Operations Research Techniques | Quantitative Techniques for Rural Studies |
| Fundamentals of Agribusiness | Agro-processing and Allied Industries |
| Agripreneurship and Skill Development | Agriculture and Rural Development |
| Elective Paper – I Microfinance | Microfinance |
| Elective Paper – II Banking and Rural Finance | Banking and Rural Finance |
| Elective Paper – III Statistical Quality Control and Design of Experiments | Quantitative Techniques for Rural Studies |
| Elective Paper – IV Introduction to Rural Industries | Agro-processing and Allied Industries |
| Elective Paper – V Sericulture and Bee Keeping | Agro-processing and Allied Industries |
| Elective Paper – VI Project Management | Rural Project Management |
| Business Budgeting | Public Budget and Budgetary Process |
| Corporate Social Responsibility | NGO Management and CSR |
| Trade Liberalization and Global Business | Global Business Environment |
| Environment and Sustainability | Environment and Sustainable Development |
| Tourism for Rural Development | Tourism for Rural Development |
| Elective Paper – VII Rural Marketing | Rural Marketing |
| Elective Paper – VIII Basics of Horticulture | Agro-processing and Allied Industries |
| Elective Paper – IX Dairy and Fishery Farming | Agro-processing and Allied Industries |
| Elective Paper – X Gender Issues and Development | Gender Issues in Rural Development |
| Elective Paper – XII Agricultural Development in India | Agriculture and Rural Development |
| Elective Paper – XI Financial Markets and Institutions | Financial Markets and Institutions |
| Project Report and Viva Voce | Project Report and Viva Voce – IV |