

**S.V.U COLLEGE OF ARTS  
SRI VENKATESWARA UNIVERSITY:TIRUPATI**



**Course  
M.A Rural Development & Management**

**Choice Based Credit System (CBCS)  
2015 on Words**

SRI VENKATESWARA UNIVERSITY :: TIRUPATI  
S.V.U. COLLEGE OF ARTS  
M.A. DEGREE COURSE IN RURAL DEVELOPMENT (CBCS)  
REVISED SCHEME OF INSTRUCTIONS AND EXAMINATIONS  
(effective from the batch of students admitted from the academic year 2015-16)

Sl. No	Course Code	Paper	Title	Core/ Ele-ctive	No. of Cre-dits	Dura-tion	I.E	SEM	Total Marks
I	MARDM	I	Rural Development- Concept s and Dimensions	Core	4	3	30	70	100
	MARDM	II	Indian Rural Economic Scene	Core	4	3	30	70	100
	MARDM	III	Indian Rural Social Scene	Core	4	3	30	70	100
	MARDM	IV	Economics for Rural Development	Core	4	3	30	70	100
	MARDM	V	Education for Rural Development	Core	4	3	30	70	100
II	MARDM	VI	Rural Industrialisation and Entrepreneurship	Core	4	3	30	70	100
	MARDM	VII	Rural Development Institutions and Strategies	Core	4	3	30	70	100
	MARDM	VII	Social Research and Computer Applications for Rural Development	Core	4	3	30	70	100
	MARDM	IX	Agriculture and Rural Biotechnology	Core	4	3	30	70	100
	MARDM	X	Study Tour & Field Project	Core	4	--	--	100	100
	MARDM	XI	Human Values and Professional Ethics-I	Core	4	3	30	70	100
III	MARDM	XII	Communication for Rural Development	Core	4	3	30	70	100
	MARDM	XIII	Natural Resources Management: Land	Core	4	3	30	70	100
	MARDM	XIV	Natural Resources Management: Water	Core	4	3	30	70	100
	MARDM	XV	Natural Resources Management: Vegetation	Core	4	3	30	70	100
	MARDM	XVI	Micro – finance and Women Empowerment	Core	4	3	30	70	100
IV	MARDM	XVII	Rural Project Planning and Management	Core	4	3	30	70	100
	MARDM	XVIII	Vocational Training & skill Development	Core	4	3	30	70	100
	MARDM	XVIX	Rural Credit and Marketing	Core	4	3	30	70	100
	MARDM	XX	Economics of Agriculture	Core	4	3	30	70	100
	MARDM	XXI	Project Work	Core	4	--	--	100 75+25	100
	MARDM	XXII	Human Resource Development in Rural Sector	EE	4	3	30	70	100
	MARDM	XXIII	Human Values and Professional Ethics-II	Core	4	3	30	70	100

SRI VENKATESWARA UNIVERSITY :: TIRUPATI  
S.V.U. COLLEGE OF ARTS  
M.A. DEGREE COURSE IN RURAL DEVELOPMENT (CBCS)  
REVISED SYLLABUS  
(effective from the batch of students admitted from the academic year 2015-16)  
Semester-1  
PAPER-1  
RURAL DEVELOPMENT: CONCEPTS AND DIMENSIONS

**UNIT-1:** Concepts of Rural Area and Rural Development-Definition and Scope of Rural-Development - Causes of Rural Backwardness-Need for Rural Development-Historical evolution of the concept of Rural Development in Indian Context.

**UNIT-II:** Composition of Rural Population and Rural Work Force-Problems of Unemployment and Under employment in Rural Areas-Conditions and Problems of Agricultural Labour- Levels of Living of Rural People- Poverty indicators- Measurement of Rural Poverty - Integrated Rural Poverty.

**UNIT- III:** Education in Rural areas: Literacy Rates - Educational Institutions - Formal and Non-formal Education-Saakshar Bharat- Qualitative and Quantitative Aspects.

**UNIT-IV:** Health Services in Rural Areas - Accessibility - Maternal and Child Health – Nutrition-ICDS - Eradication of Contagious Diseases - Issues in Community Health- National Health Policy of India/National Rural Health Mission-Janani Suraksha Yojana-AYUSH programme -National AIDS control programme.

**UNIT-V:** Rural Housing: Introduction-National Housing and Habitat policy- Different Schemes of housing policy- Indira Awaas Yojana-NTR Gruha Kalpa .

**REFERENCE BOOKS:**

- Vasant Desai : A Study of Rural Economy  
Jain S.C. : Rural Development  
Das Kumar B : Rural Development through Decentralization  
Venkata Reddy K : Rural Development in India Poverty and Development  
Khanna B.S. : Rural Development in South Asia:Policies, Programmes and Organizations  
Robert Chambers : Rural Development Putting the Last First  
Desai A.R. : Introduction to Rural Sociology

**PAPER-II**  
**INDIAN RURAL ECONOMIC SCENE**

**UNIT-I:** Economic Structure of Rural India: Assets Distribution- Income Distribution. Expenditure Pattern/Agriculture and Economic Development-Agricultural Development under the Plans-Food Policy under the Plans.

**UNIT-II:** Agricultural Development: Introduction-Features of Indian Agriculture-Agriculture during the planning Era in India-Soil Health Management-Seeds-Agricultural Credit-Risk Management- Marketing-Mechanization

**UNIT-III:** Alternative Occupations in Rural Areas-Dairying- Poultry- Fishery-Horticulture - Sheep Rearing: Appropriate Technologies in Animal Husbandry Practices: Breeding - Feeding Management -Rural Non farm Sector-Need for Development-Problems and Prospects.

**UNIT-IV:** Assessment of Rural Energy Supply and Demand Management of Rural Energy Systems – Non conventional Energy Sources: Biogas, Solar and Wind.

**UNIT-V:** Planning for Rural Development - Allocation under Plans for Rural Development - Multi Level Planning. Organization for Planning: Centre, State. District and Block Level Planning.

**REFERENCE BOOKS:**

- Venkata Reddy K : Agriculture and Rural Development (Emerging Trends and Right Approach to Development)
- Datta and Sundaram : Indian Economy
- Shah C. H. (Ed) : Agricultural development of India Policy and Problems
- N.I.R.D. : Facets of Rural Development
- Pramit Chowdary : Indian Economy
- Hanumappa H.G. : Social Economic Inventory for Block Level Planning
- Gunnar Myrdal : Asian Drama
- Vakil C.N. : Poverty & Planning
- Dandekar & Rath : Poverty in India
- Sreenivas M. N. : Indian Villages
- Robert Chambers : Rural Development

**PAPER-III**  
**INDIAN RURAL SOCIAL SCENE**

**UNIT-I:** Definition and characteristics of Village Communities-of Settlement Patterns. Individual and Society - Heredity, Environment and Socialization-Social Interaction.

**UNIT-II:** Rural Social structure-Important Rural Social Institutions: Family- Marriage - Religion - Caste System- Caste and Economics Inequalities.

**UNIT-III:** Social Capital: Introduction-Definition of Social Capital-India and Social Capital-Society as a Relationship-Investigation into Social Capital-Survey on Social Capital -Middle Level Institutions in Social Capital.

**UNIT-IV:** Family:-Sociological meaning and definition of family, characteristics of family, Joint Family System in India- Characteristics of Rural Joint Family, Function or merit of Joint Family-Demerit of Joint family-Factors Changing pattern in joint family-past present and future of joint family.

**UNIT-V:** Caste system: Meaning/definition-characteristics-functions of caste system in Rural India//Merit and Demerits of caste system- Changing trends in the caste system-future of caste system.

**REFERENCE BOOKS:**

Wilbert E. Moore	: Social Change
Sreenivas M. N.	: Social Change in Modern India
Sreenivas M. N.	: Caste in Modern India
Sreenivas M. N. & S. Seshaiahs	: Dimensions of Social Change in India
Gore M.S.	: Social Development
Desai A.R.	: Rural Sociology
Chitambar	: Rural Sociology
Maclver and Page	: Society
Mehta	: Sociology of Rural Development
Deb P.C.	: Rural Sociology
Sharma and Malhotra	: Integrated Rural Development
Hutton	: Caste in India
Scarlet Epstein	: South India: Yesterday, Today and Tomorrow
Hanumappa H.G.	: Survival Strategies in Rural Areas
David G Mandelbaum	: Society in India
Haralam Bon	: Sociology and Perspectives.

**PAPER –IV**  
**ECONOMICS FOR RURAL DEVELOPMENT**

**UNIT- I:** Introduction to Economics and Rural Economics: Scope - Concepts of Demand and Supply and their Determinants - Welfare Economics.

**UNIT-II:** Approaches to Rural Development: Gandhian Approach -Sriniketan Experiment of Ravindranath Tagore- Martandam Experiment by Spencer Hatch- the Gurgaon Experiment by F.L.Brayne- Rural Reconstruction Programme in Baroda-Firka Development Scheme of Tanguturi Prakasam-Evaluation of Early Reconstruction Schemes-Etawah Pilot Project- Nilokheri Experiment-Area Approach to Rural Development.

**UNIT- III :** Capital Formation - Vicious Circle-Problems and Solutions-Capital Formation in Agriculture and Rural Development. Stages in Agricultural and Economic Development.

**UNIT- IV:** Food Security - Food Subsidies-Agricultural Subsidies-Implications of New economic Policies-National food security.

**UNIT-V:** Agriculture in Economic Development: Nature and Significance of Agriculture- Definition of Economic Development-Role and Functions of Agriculture-Theoretical Models- Independence between Agriculture and Industry-Importance of Agriculture in Indian Economy.

**REFERENCE BOOKS:**

- Jhingan : The Economics of Development and Planning  
Samuelson : Economics  
David Metcalf : The Economics of Agriculture  
Singh I. J. : Elements of Farm Management Economics  
Sharma A.V. & V.K. Sharma : Elements of Farm Management  
GOI : National Five-Year Plans  
Dutta and Sundaram : Indian Economy  
Mellor J. W. : The Economics of Agriculture  
Sen A.K. : Resources, Values and Development

**-6-**  
**PAPER-V**

**EDUCATION FOR RURAL DEVELOPMENT**

**UNIT- I:** Magnitude of illiteracy in India with special reference to Andhra Pradesh: Spatio - Temporal variations of literacy - Male, female, rural, urban, caste disparities in literacy; Need for analysing literacy data.

**UNIT- II:** Sakshar Bharath Mission-Objectives, strategies, Goals , Programmes Strengths , Weakness , Opportunities and Threats (SWOT Analysis )

**UNIT- III:** Universities and Colleges in Adult, Continuing Education: Extension as the Third Dimension, Approach of UGC in the current plan: Role and Functions of Departments/ Centers of Adult, Continuing Education and Extension.

**UNIT- IV:** Scheme of Jana Sikshana Sansthans: Concept, objectives, functions, target group, organization and management, staffing and finance, monitoring, evaluation and follow-up.

**UNIT- V:** Sarva Siksha Abhiyan : planning and implementation. Vocationalization of secondary education , Open learning systems: Open basic education / distance education, role of Universities in Extension Education.

**REFERENCE BOOKS**

1. Vashist. S. R. (Ed.) Adult Education: Issues, Problems and Prospects, Pointer Publishers, Jaipur, 1997.
2. Ministry of Human Resource Development. National Literacy Mission, Government of India, New Delhi, 1987.
3. Ministry of Human Resource Development. National Literacy Mission, Government of India, New Delhi, 1988.
4. Ministry of Human Resource Development. Scheme of 'Continuing Education for Neo-literates, NLMA, Government of India, New Delhi, 1996.
5. M.H.R.D (2000). Scheme of Jan Shikshan Sansthan (Institute of People's Education) : Guidelines for Management, Planning and Programming, Directorate of Adult Education, Dept. of Elementary Education & Literacy, Govt. of India, New Delhi.
6. National Literacy Mission. Continuing Education For Development: Appeal Approach (ATLP-CE in brief), MHRD,. Government of India, New Delhi, 1996.

**Semester-II**  
**PAPER-VI**

**RURAL INDUSTRIALIZATION AND ENTREPRENEURSHIP**

**UNIT- I:** Concept of Rural Industrialization - Importance of Rural Industrialization for Rural Development- Gandhian Approach to Rural Industrialization - Appropriate Technology for Rural Industries-.Concept. Characteristics and Types of Entrepreneurship -Entrepreneurship and Rural Industrialization - Development of Rural Entrepreneurship in India.

**UNIT-II:** Entrepreneurship: Definition-nature-characteristics. Entrepreneurship development-Emergence of the Entrepreneur-Competencies for Entrepreneur-training for Entrepreneurship.

**UNIT-III:** Rural Industrial Sectors: Small Scale, Handloom, Agro-based Industries, Rural Artisans, Handicrafts and Sericulture. Problems of Marketing, Marketing Strategy and Information System for Rural industries: Consortium Approach. Exhibitions.

**UNIT-IV:** Field Level Organizations - District Industries Centre (DIC), National Institute for Small Industries Extension and Training (NISIET)-Small Industry Development Organization (SIDO)Small Industries Service Institutions. Consultancy Organizations. Financial Organizations - Regional Rural Banks and State Finance Corporations.

**UNIT-V:** Small –Scale and Micro Enterprises- Introduction- Changed Nomenclature -Definition of Micro Enterprises/National Importance of Micro and Small Enterprises (MSEs-Problems of Micro and Small Enterprises (MSEs), Khadi and Village Industries (KVI) - Coir industry- Handlooms, Power Looms, Handcrafts.

**REFERENCE BOOKS:**

- |                  |  |
|------------------|--|
| Battacharya S.N. | : Rural Industrialization in India                           |
| Bepion Behari    | : Rural Industrialization in India                           |
| Rao R.V.         | : Rural Industrialization in India                           |
| Bagli V          | : Khadi and Village Industries in the Indian Economy         |
| Kripalani J.B.   | : Gandhian Thought   |
| Vasant Desai     | : Organization and Management of Small Scale Industries      |
| Sundaram J.B.    | : Rural Rurai Industrial Development                         |
| K.V.I.C.         | : Khadi and Village Industries The Gandhian Approach         |
| Vasant Desai     | : Problems and Prospects of Small Scale Industries in India. |



**RURAL DEVELOPMENT INSTITUTIONS AND STRATEGIES**

**UNIT-I:** Panchayat Raj Institutions: Evolution- Structure-Functions -73rd Amendment - Role of PRIs in Rural Development-Cooperative Institutions-Concept and Principles of Cooperation -Types and Working of Rural Cooperatives: Credit Cooperatives -Marketing Cooperatives-Dairy Cooperatives - Sugar Cooperatives-Weavers Cooperatives.

**UNIT- II:** Non-Governmental Organizations: Concept-Structure-Funding-Personal-Problems and Limitations-Community Based Organizations: Watershed Committees -Village Forest Committees -Water User Associations-Village Education-Committees -Mothers Committees -Role of CBOs in Sustainable Rural Development.

**UNIT-III:** Rural Banking and Credit: Nationalization of Commercial Banks-Commercial Banks and Weaker sections, Commercial Banks and rural artisans-Rural indebtedness –causes and evils of rural indebtedness – types and sources of rural credit.

**UNIT-IV:** National Commission on Farmers: introduction-findings of the commission-capital formation in agriculture -Non-Profitability of agriculture –Rural un-employment-Recommendations of the Commission

**UNIT-V:** Training Institutions for Rural Development: NIRD-NABARD-RRB-Agriculture Finance Corporation -Agro Industries Corporation-Jana Sikshan Sansthan .

**REFERENCE BOOKS:**

- |                    |  |
|--------------------|--|
| N.I.R.D.           | : Rural Development in India Some Facets             |
| vasant Desai       | : A Study of Rural Economy                           |
| Nanavati & Anjalia | : The Indian Rural Problems                          |
| Sharma & Malhotra  | : Integrated Rural Development                       |
| Misra & Sharma     | : Problems and Prospects of Rural Development        |
| Venkata Reddy K    | : Rural Development in India-Poverty and Development |
| Lakshman & Narayan | : Rural Development in India                         |
| Dantwala           | : Indian Agriculture since Independence              |
| Mamoria & Tripathi | : Agricultural Problems in India                     |
| Pandey P.C.        | : Rural Development in India                         |

**PAPER-VIII**

**PAPER VIII SOCIAL RESEARCH AND COMPUTER APPLICATIONS FOR  
RURAL DEVELOPMENT**

**UNIT-I:** Social Science Research: Formulation of Hypotheses - Research Design - Census Vs. Sample Survey - Types of Sampling: Stratified Sampling - Multistage sampling Purposive Sampling - Systematic Sampling - Case Study.

**UNIT-II:** Tools of Data Collection: Questionnaire - Schedule - Interview – Observation. Reporting - Graphical Methods of Quantitative Data Presentation: Histogram - Pie Chart - Bar Diagrams.

**UNIT-III:** Numerical Methods of Quantitative Data Presentation: Mean - Median - Mode- Standard Deviation - Correlation - Regression - Chi-square Test.

**UNIT-IV:** Computer Applications for Rural Development: Land Records - Human Resources Records - Remote Sensing - Rural Marketing – Globalization.

**UNIT –V:** Micro Soft Office: MS Word - Excel - Power Point – SPSS.

**REFERENCE BOOKS:**

- Gupta C.B. : An Introduction to Statistical Methods  
Moser C.A. : Survey Research in Social Investigation  
Simson and Kelkn : Basic Statistics  
Babbie : Survey Research  
Das Gupta : Village Studies in the Third World  
Goodo & Halt : Social Research Methods  
Mason and Lind : Statistical Techniques in Business and Economics  
Microsoft : Manuals on Microsoft Office  
SPSS : Manuals on SPSS

## **PAPER-1X**

### **AGRICULTURE & RURAL BIOTECHNOLOGY**

**UNIT-1:** Agriculture: History and development of agriculture in India; Objectives, Socio-economical Perspectives; Significance and Status of production of cereals (wheat/rice). Pulses (Arhar/gram), Oil (Sunflower/soybean), Vegetable (Potato), Sugars (Sugarcane).

**UNIT-II:** Soil Environment: Soil types/erosion (Problems & management), Fertility, Organic and Bio-fertilizers: Types, Merits and demerits; Soil Pollution: causes and management.

**UNIT-III:** Crop residues and their application to Rural Development: Fibrous; stovers, straw. Husk (Hulls), Oil cakes. sugarcane (baggase, tops, molasses, Presumed) Vegetable (Tomato, potato, cabbage).

**UNIT-IV:** Mushroom Technology: Introduction, nutritional/medicinal importance, and Cultivation of edible mushrooms, Socio-economical role in Rural Society. Vermi compost Technology: Significance, methodology of production, merits and demerits, impacts on rural development.

**UNIT-V:** Biogas & Rural Development: Concept, Applications, Biogas Plants, and problems. Bio-pesticides- introduction, Types, Advantages, and disadvantages. Social impact. Tissue culture. Vegetative propagation Soil less farming

#### **BOOKS REFERENCE:**

Fruit Preservation	: S.Srivastva
Fruit and vegetable's	: B.Jain
Forest In India	: V.P.Agrwal
A Hand Book of Social Forestry	: S.S. Negi
A Text Book of Agroforestry	: Gautam
Krishi Vaniki	: S.S. Srivastva
Biogas	: O.P.Chawla

## **PAPER-X**

### **STUDY TOUR AND FIELD PROJECT**

Every Student has to participate in the study tour to one /two institutes to expose himself in the field and he has to submit a tour report which will be of 25 marks.

Every student has to adopt a village to select a problem and submit his report. Which will be assessed by expert. Out of 50 marks, he has to face the Viva-Voice which will be of 25 marks.

### **PAPER XI: HUMAN VALUES AND PROFESSIONAL ETHICS-I (COMMON SYLLABUS FOR ALL P.G. COURSES)**

**-11-**  
**Semester-III**  
**Paper-XII**

**COMMUNICATION FOR RURAL DEVELOPMENT**

**UNIT-1:** Communication-importance - Elements of Communication - Problems and Barriers in Communication- Motivation: Concept, Process and Techniques - Motives and Incentives.

**UNIT-II:** Communication interaction-Models of communication/inter-personal communication –Feedback and Control-Effects of feedback in communication.

**UNIT-III:** Types of Communication: Verbal communication-Non-verbal communication-Small group communication-Public Communication-Dyadic Communication-Mass Communication and Interpersonal Communication-Problems in Communication.

**UNIT-IV:** Audio-Visual Aids: Materials and equipment-Planning preparation and use of different types of Audio visual aids-Projectors-films-Tape Recorder-Television-Computers-PPTs.

**UNIT-V:** Participatory Rural Appraisal - Concept, Importance, Wealth Ranking, Time-line, Transects. Seasonality, Social Mapping, Resource Mapping, Venn diagram, Rapid Rural Appraisal. Focus Group Discussion.

**REFERENCE BOOKS:**

- |                     |  |
|---------------------|--|
| Bhattacharya S.N    | : Community Development in Developing Countries              |
| Rogoms              | : Adoption of Innovations                                    |
| Paul Choudary       | : Methods of Social Work                                     |
| Robert Chambers     | : Challenging the Professions                                |
| Spicer Russell E.E. | : Human Problems in Technological Change                     |
| Ross N.G.           | : Community Organization                                     |
| Beek R.C            | : Motivation: Theories and Principles                        |
| Mukherjee N         | : Participatory Rural Appraisal Methodology and Applications |
| McConnel J W        | : Understanding Human Behavior.                              |

**NATURAL RESOURCES MANAGEMENT: LAND**

**UNIT-I:** Land Use Pattern - Changes in Land Use Pattern - Factors Responsible for Changes in Land Use Pattern - Soils - Types of Soils - Carrying Capacity of Soils- Indigenous Knowledge Systems in Land Management.

**UNIT-II:** Bleeding Lands: Exploitation - Soil Erosion-Desertification - Degradation - Pollution-Effects of Modern Agricultural Practices on Land and Environment - Integrated Pest Management.

**UNIT-III:** Land and Soil Management Programmes-Watershed Development Programme-Scope and Objectives - Activities - Practices - Stake Holders Participation - Impact of the Programme- Earth Summit 1992-Bio-diversity - Restoration of Ecological Balance

**UNIT- IV:** Common Property Resources: definition-benefits-Common property resources and Environmental protection-Declining of common property resources - Problems of CPRs - Management Strategies for Sustainable Use of CPRs .

**UNIT-V:** Designing, Measuring and Communicating the Criteria and Indicators for Sustainable Land management.

**REFERENCE BOOKS:**

- |                          |   |
|--------------------------|---|
| David Pearce             | : Economics of Natural Resources  |
| Jyothi Prakash & Reddy S | : Sustainable Regeneration of Degraded Lands  |
| Roland Bunes             | : Two Ears of Corn  |
| Katar Singh              | : Managing Common Fool Resources Principles and Case studies  |
| Robert Chambers          | : Rural Development Putting - the Last First  |
| Roy Cook                 | : Soil Conservation, Soil Management and World Views of Conservation and Protection   |
| IDRC and IUCN            | : Assessing Rural Sustainability  |
| Pandey D. N.             | : Measures of Success fir Sustainable Forestry - Designing, Measuring and Communicating the Criteria & Indicators for SFM in South Asia (Mimeo) |
| Reddappa Reddy V         | : "Watershed Development Projects for Drought Prone Areas", Moving Technology, Oct-Dec 1996.  |

The Hindu Survey of Environment : 1993, 1994. 1995, 1996, 1997 and 1998

**PAPER-XIV**

**NATURAL RESOURCES MANAGEMENT: WATER**

**UNIT-I:** Supply of Water: Quantitative and Qualitative Aspects-Water use and Development of Demand/Challenges-Sustainability of Water Use. Surface Water and Ground water Resources: Potential and Utilization/Problems in Water Management

**UNIT-II:** Types of Irrigation-Sources of Irrigation – Major, Medium and Minor Irrigation Systems: Coverage and Ecological Implications, Tank Irrigation - Role and Importance in Drought Prone Regions- Problems in Tank irrigation Management.

**UNIT- III:** Water Conservation Technologies in Agriculture: Micro irrigation Systems - Drip and Sprinkler Irrigation -Comparative Economics in Relation to other Methods. Traditional Irrigation Institutions and their Role in the Management of Irrigation systems- Decline of TIIs

**UNIT-IV:** Designing, Measuring and Communicating the criteria and Indicators for sustainable Water Management.

**REFERENCE BOOKS:**

- Rao K. L : India's Water Wealth  
Patrick Mc Cully : Silenced Rivers  
Singh et.al : Irrigation Systems in Decay what the Farmers can do India.
- Siva Mohan MVK and Christopher A Scott : Future Directions for Indian Irrigation Research and Policy Research Institute Policy Issues Sprinkler Irrigation  
International food
- Sivanappan : Sprinkler irrigation
- Narayana Murthy A : Evaluation of Drip Irrigation System in Maharashtra to the Handa of the Poor Water and Trees
- N.C. Saxena and Tushaar Shah : Peoples Participation and Irrigation Management Experiences, Issues and Opinions  
Satish and Sundar
- Norman Uphoff : Improving International Irrigation Management with participation: Getting the Process Right  
Farmers'
- Wilcocks .W : Lectures on Ancient Systems of irrigation in Bengal and its Application to Modern Problems
- Sreedhar. G : Tank Irrigation in Semi-Arid Zones.

**NATURAL RESOURCES MANAGEMENT: VEGETATION**

**UNIT- I:** Forestry: Extent - Types - Importance - Rural Development Vs Forestry Interface - Industry Vs Forestry Interface- Bleeding forests. Exploitation - Degradation - Shifting Cultivation - Factors Responsible for Bleeding of Forests

**UNIT- II:** Ethno Forestry - Indigenous Knowledge Systems in Forest Management - Sustainable Forestry - Bio-Diversity- Forest Development and Management Programmes - Social Forestry - Farm Forestry-Community Forestry - Eco Tourism - Wild Life and Forestry

**UNIT- III:** Joint Forest Management Programme: Scope and Objectives-Stake Holders Participation-Soil Works Silvicultural Practices – Protection-Impact of the Programme - Community Forest Management in Andhra Pradesh

**UNIT- IV:** Designing, Measuring and Communicating the Criteria and Indicators for Sustainable Forest management

**UNIT-V:** Non-Timber Forest Produce - Methods of Collection - Preservation, Storage - Grading, Maring - Role of Girijan Development Corporation

**REFERENCE BOOKS:**

- |                                  |   |
|----------------------------------|---|
| Vandana Shiva                    | : Biodiversity; Social and Ecological Perspectives  |
| Robert Chamber & Saxena          | : To the Hands of the poor  |
| Cernea M M                       | : Forest and Forest Development in India  |
| Chanduri B and A K Maiti         | : Forest and forest Development in India  |
| Henny L Gholz                    | : Agro Forestry; Realities. Possibilities and Potentialities  |
| Pandey D N                       | : Ethno Forestry Local Knowledge for Sustainable Forestry and Livelihoods Security  |
| Pandey D N                       | : Measures of Success for Sustainable Forestry Designing. Measuring and Communicating the Criteria & Indicators for SFM in South Asia (Mimeo)                   |
| Reddapa Reddy V & Chenna Reddy D | : "NGO's and People's Role in Joint Forest Management : People's Participation and Forest Management in India:  |
| Reddapa Reddy V                  | : Kurukshetra, august 1998 People's Participation and forest Management in India " Few Emerging Issues". AsiaPasific Journal of Rural Development. January 2000 |
| GOI                              | :Report of the National Commission on Agriculture Forestry  |

**PAPER-XVI**

**MICRO FINANCE AND WOMEN EMPOWERMENT**

**UNIT-1:** Women Empowerment-definition-need-strategies for Women  
Empowerment- Hindrances to Women Empowerment

**Unit-II:** Programmes for Women's Development: MNP/ SGSY/ ICDS/ IAY/ NCW/  
SCW/EDP. Human Rights with particular reference to Women –need for legal literacy.

**Unit-III:** Strategies For Women's development in India with reference to Andhra Pradesh-  
Kishore Balika, Girl Child Protection Scheme, Gramina Mahila Kosh, Mahila Samakhyas.

**UNIT-IV:** Self-help groups and Self-help promotion: Concepts, Elements. Stages and  
Role of NGOs - Structure of Self-help groups - Precautions to be taken while forming  
the SHGs.

**UNIT- V:** Savings and Credit as an Instrument of Self-help-promotion among Rural  
Women-Savings Operations-Credit of SHGs-Monitoring, Evaluation and Impact  
Assessment of Savings and Credit Programmes.

**REFERENCE BOOKS:**

- Yunas M : Rural Agricultural Credit Operations in Bangladesh  
Fernades AP : The MYRADA Experience Alternative Management  
Systems For Savingand Credit of Rural Poor  
Grammena Bank : Various Issues of Grameena Dialogue  
Ila Bhat: : A Bank of One's Own (A note from SEWA)  
David Hume : Finance against Poverty  
Susan Johnson and  
Ben Rogally : Micro Finance  
Raj Sehkar D : Savings and Credit Systems of the Poor: Some  
NGO Experiences, NOVIB and HIVOS  
James Copes she : NGO Sponsoring of Group Lending in Rural India: Theory  
and a Case Study  
Hossain M : Credit for Alleviation of Rural Poverty: The Government Banks  
in Bangladesh  
Mancur Olson : The Logic of Collective Action



## Semester-IV

### Paper-XVII

#### RURAL PROJECT PLANNING AND MANAGEMENT

**UNIT-1:** Definition of Project- A System Model for Development of projects -project Approach to Rural Development - Need and Scope of Project Management - Project Planning and Management Cycle.

**UNIT-II :** Environment for Project: Id Basic Steps in Project Idea Selection of Elements of Project-Formulation Technique -Project Formulation and Development, Planning in Indian Context, Systems Approach to Formulation and Execution of Development Projects.

**UNIT- III :** Project Appraisal- Criteria and Selection of Investments- Discounted (Cash Flow) Measures of Project Worth~ Benefit Cost Ratio Net Present Worth and Internal Rate of Return- Sensitivity Analysis . Rationale and Significance of Social Benefit Cost Analysis

**UNIT-IV:** Essentials of Project Implementation : Planning, monitoring of development projects-Project management information system. PAID monitoring system for VSS and water shed,-network techniques for project management.

**UNIT-V:** Types of Evaluation Concurrent and Summative: Evaluation of Rural Development Projects/Programmes.

#### REFERENCE BOOKS:

- Bava D.S : Rural Project Planning
- Price Gittinger : Economic Analysis of Agriculture Projects
- Little IMD & JA Mirrless : Project Appraisal and Planning for Developing Countries  
United Nations Development
- Organization :Industrial Guidelines for Project Evaluation
- Prasanna Chanra : Projects Preparation , Appraisal and implementation
- Chodhary .S : project Mangement
- Mridula Krishna :Project Planning in India
- Peter Smith : Agricultural Project Management Monitoring and Control of  
Implementation

## **Paper -XVIII**

### **Vocational Training and Skill Development**

**UNIT- I:** Vocational Education: Concept, Meaning, need, importance; Theory and principles of vocational education;

**UNIT- II:** Apprenticeship: Nature of apprenticeship, Distinction. between Apprenticeable and Non-apprentice able occupations, Apprenticeship and institutional training, Areas of Apprenticeship, training practices.

**UNIT- III:** Training and Educational Programmes: Training by Objective, Development of a training curriculum, training methods and resources; Issues in Rural vocational train in India-Vocational Training Institutions in India.

**UNIT- IV:** National Skill Development Policy: key-features of NSDP-Institutional Frame Work –status of Vocational education and training in India-skill deficiency in India

**UNIT- V:** National skill development Corporation: skill development initiative scheme-skill development through open and distance learning-schemes of MHRD.

#### **REFERENCE BOOKS**

1. International Labour Organisation, Theory and Practice of Vocational Training in Japan. 2nd Revised Edition, APSDP, Islamabad, 1982. .
2. International labour Organisation, Planning, Programming and Evaluating Vocational Training, Report of APSDEP/ ILO/Japan Regional workshop, 11-18 August 1986, Chiba, Japan, APSDEP/Islamabad, 1986, Vi 109pp.
3. International Labour Organisation. Appropriate Technology and Training for Women in South Asia, Report of a Sub Regional Workshop, 26, Oct. - 1 Nov. 1986, Islamabad, Pakistan, APSDEP, Islamabad, 1987, Vi+57p.
4. International Labour Organisation, Apprenticeship in Asia ,and the Pacific, Report of a Regional Seminar, 13-20 July. -981, Colombo, Sri Lanka, APSDP, Islamabad, Pakistan, 1981, 156 p.
5. Hosomi. G. Nakata, S et al. New Approach to Vocational Training Vol.1 (1985) and Vo1 11 (1986), ILO/APSDEP Islamabad, Pakistan.
6. Lucita Lazo. Work and Training opportunities for women in Asia and the pacific, International Labour Office, APSDP, Islamabad, 1984 VIII + 256 p.

**Paper –XIX**  
**Rural Credit and Marketing**

**UNIT-I:** Nature and significance of rural credit-needs of farmer's rural indebtedness- risk & uncertainty in rural credit sources- institutional and non institutional cost of credit

**UNIT-II:** Institutional credit for rural development-role of NABARD, role of Cooperative credit institutions- role of commercial banks-role of regional banks-elements of farm financial management- use of balance sheet analysis and control evaluation of investment.

**UNIT-III:** Concept of rural marketing –nature –scope- problems of transportation- grading-storage & ware housing –marketing information- channels of marketing information- Impact of globalization on rural marketing.

**UNIT-IV:** Rural markets-classification-primary,secondary & tertiary markets –wholesale markets and retail markets –consumer markets and agricultural input markets in rural areas- E-marketing

**UNIT-V:** Agriculture Marketing: importance-functions-problems in marketing of agriculture products –prize fixation and procurement by public agencies-sustainable agriculture marketing

**REFERENCE BOOKS:**

- Gupta A.P : Marketing of Agriculture Produce in India  
Acharya S.S : Agricultural Marketing in India  
NW Agarwal : Rural Marketing in India  
Shamin H.M : Rural markets and development  
Saxena Kailas : Inter Linked Agrarian Markets in Rural India  
GOI :Reports of the National Commission on Agriculture XII  
Jagdish Prasad : Various Issues of Encyclopedia of Agricultural Marketing  
Belshaw .H :Agricultural Credit in Economically Underdeveloped Countries  
Desai SSM :Rural Banking in India  
Khusro A.M : Agricultural Credit Review Committee Report  
Bhaskar .K : Need for Linking of Regulated Markets with Cooperative marketing Societies cooperator , August,1989  
Bhaskar.K :Streaming the Regulated Market System Kurukshetra, August,1994.

**PAPER –XX**

**ECONOMICS OF AGRICULTURE**

**UNIT-1:** Introduction - Agricultural Economics and its meaning-Scope and subject matter of Agricultural Economics- Agriculture and Economic Development-Land Reform measures and its impact-limitations.

**UNIT-II:** Cropping System- Different Types-Small Scale Large Scale-cropping-types of cropping-Major Agricultural Crops and Cropping patterns and its trends. Farming System. Irrigation- Meaning-Sources, Importance and different types of irrigation- irrigation projects-criteria for financing irrigation projects-River water disputes

**UNIT-III:** Agricultural Labour-Definition-Characteristics- Types-Importance, Demand and supply of Agricultural labour- growth of Agricultural labour-Efficiency of Agricultural labour-Minimum wages Act- Agricultural wages-Policies and practice.

**UNIT-IV:** Agricultural And Capital Formation:-Trends in Capital formation in Agricultural sector-Fiscal significance of Agricultural tax- Agricultural exports and imports-Institutional support to Agricultural exports

**UNIT-V:** Agricultural Technology:-Basic concepts of Technology-Agricultural Technology Transfer-Types of Agricultural Technology- Impact of Technology on Agriculture-problems and prospects, perceived attributes of innovation.

**UNIT-V:** Agricultural Price;-Need for stabilization of Agricultural price-objectives-policy Instruments-Commission for Agricultural Cost and price- Its function-Committees on Agricultural Price

**REFERENCE BOOKS:**

1. Baasil P.C."Agricultural Problems of India " Bhatnagar O.P and Desai G.R."Management of Agricultural Extension
2. Benjamin R.E.Harisharan S.V.Karunakaran, "Economics of Agriculture "
3. Dhingra I.O "Indian Economics problem
4. For Stet. G.W. and Leager Mero C." Elements of Agricultural Economics "
5. Indian Society of Agricultural Economics."Role of Irrigation In The Development of Indian Agriculture"
6. Indian Council of Agricultural Research; Hand Book of Agriculture

**Paper –XXI**

**PROJECT WORK**

Each Student has to submit a project report taking any problem related rural .society; which will be evaluated by an external followed by the viva -voice.

Project report	-	75 marks
Viva-vice	-	25 marks
Total	-	100 marks

**PAPER XXII**

**HUMAN RESOURCE DEVELOPMENT IN RURAL SECTOR (EXTERNAL ELECTIVE for out Side departments)**

**UNIT-I:** Concept of Human Resource -Development (H.R.D) Importance of H.R.D. in Rural Development - Human Capital Formation Importance, Efforts and Achievements -investment for Raising Nutritional and Educational Standards - Population Composition in rural areas

**UNIT- II:** Dimensions of H.R.D. for Rural Development Health. Education, Energy, Agriculture and Allied Activities - Human Development Index Components and Measurements

**UNIT-III:** Manpower Requirements and Planning for Rural Development: Agriculture. Rural Industries, Business and Service Sectors Importance of Training for HRD in Rural Areas Institutional Arrangements for the Promotion of HRD: Farmers Training Centres, Krishi Vignana Kendras, Governmental and Non-Governmental agencies (CAPART, NIRD and KVIC)

**UNIT-IV:** Educational Programmes for Promoting HRD: Vocational Education. Non Formal Education. Functional Literacy, Distance Education

**UNIT-V:** National Literacy Mission:Total Literacy Campaign, Post literacy programme. continuing education, Jan Sikshana sansthans, Zilla Saksharatha Samithis. State resource centres

**REFERENCE BOOKS:**

Mehta M R	: Human Resource Development Planning with Special Reference to Asia
Alexander V Alex	: Human Capital Approach in Economic Development
Batra V P	: The Economic and Human Resources
ILO	: Employment Promotion with Special Reference to Rural Areas
George Tobias	: Human Resources in India
Gerold M Mcier	: Leading Issues in Economic Development
Gyan Chand	: Population in Perspective
World Bank	: World Development Report, 1001
Govindappa K	: Adult Education Impact of National Literacy Mission
UNDP	: Human Development Report(s) 1998. 1999, 2000.

**PAPER XXIII: HUMAN VALUES AND PROFESSIONAL ETHICS-II  
(COMMON SYLLABUS FOR ALL P.G. COURSES)**