

Effective from: July 2007

**VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT.  
M.R.S.  
SEMESTER - I**

Paper No : 1  
Paper Title : **Rural Development**

**Objectives:**

**The major objectives for which the present course is as follow:**

1. To understand and appreciate major theoretical dimensions of Rural Development.
2. To examine the alternative of Rural Development paradigm
3. To evaluate the effectiveness and limitations of major Rural Organisations.
4. To grasp major Rural Development Management issues and alternative tools and techniques so that basic competence and skill to resolves the issues in Rural Development could be developed.

**Pedagogy and Sources**

This class room segment course mainly depend on the relevant journals, standard text books, reference books, relevant government reports as well as private resource studies and net based sources etc. References enlisted below the course are compulsory reading.

**Unit - 1 : Historical Context and Development Perspectives**

1. Review of performance of growth dominated world economic scenario since world war II<sup>nd</sup>.
2. Concept of Growth and Development and paradox of poverty and prosperity
3. Emergence of World Bank viewed Rural Development
4. New Horizons of Development
  - a. Human Development
  - b. Sustainable Development

## **Unit - 2 : Theoretical Dimensions of Rural Development**

1. Concept of Rural Development
2. Meaning of Rural Development
3. Relevance of Rural Development
4. Determinants of Rural Development
5. Measurement of Rural Development

## **Unit - 3 : Rural Development Theories**

1. Theoretical Approach to understand Rural Development and their limitations.
2. Michel Lipton's Thesis of Urban Bias
3. Robert Chamter's Thesis of Integrated Poverty
4. A.K. Sen's Thesis of Entailment and Empowerment

## **Unit - 4 : Alternative Rural Development Approaches (Paradigm)**

1. Government Rural Development Approach through planning
2. Gandhian Approach to Rural Development through Gandhian Perceptions, Principles and Strategies
3. Non- Governmental Approach to Rural Development through people's participation.

## **Unit - 5 : Issues and Alternatives in Rural Development**

1. Policy Related Issues
2. Planning Related Issues
3. Implementation Management Related Issues
4. Alternative Techniques and Tools

## References :

1. David Morawetz  
Twenty years of Economic Development (1950-1975).  
The World Bank, 1997.
2. Mahebul ul Haq  
The poverty curtain - Choices for the third world - Colombia  
University press, 1976.
3. Toddarro Michael  
Economics for a developing world Longman, 1995.
4. Katarsingh  
Rural Development Sage, (New revised edition) 2004  
World Bank
5. Rural Development sector policy. World Bank 1975.
6. John Harris.  
Rural Development 2005 (New addition )
7. Uma lele  
The design of Rural Development Lessons from Africa, 1990.
8. Michael Lipton.  
Why people stay poor.  
Vikram Sarabhai Memorial Lecture in John Harris edited Rural Development
9. Robert Chambers.  
Rural Development: Putting the last first, Oxford.
10. Robert Chambers.  
Challenging the Professions Frontiers for Rural Development.  
Intermediate Technology Publication, London UK 1993.
11. Michael Lipton (edited)  
Including the Rural Poor, The World Bank, 1993
12. M. L. Dantwala (edited)  
Asian Rural Development JIM, 1989.
13. C. T. Kurien.  
Poverty, Planning and Social change, Allied, 1980.
14. U. M. Dandekar.  
Poverty in India, 1970.
15. Government of India - Planning Commission  
FiveYearPlans (1951 - 2007 - 12 )

16. Indira Hirway  
Target group Approach to poverty - Oxford IBH, New Delhi.
17. Dharam Ghai  
Agricultural systems and Rural Development, ILO, 1980.
18. Satya Sundaram  
Voluntary Agencies and Rural Development.  
Concept - 2004
19. L. C. Jain  
Grass without Roots, Sage, 1990.
20. K.Gandhi  
Hindswaraj, Navjivan, 1995(New Edition)
21. M. K. Gandhi  
Rebuilding our village, Navjivan, 1969.
22. V. M. Dandekar  
Gandhian Economic System - A path to Non - Economic goals in Gandhian  
Economy system by Radha Mohan Vichare, 1990.
23. Paul Samuel  
Managing Development Programmes Boulder West Press, 1990
24. IRMA  
Managerial Issue of Voluntary Organizations, 1992
25. Shankar Datta and Others.  
Management of Development Organizations, 1996.
26. Dilip Shah  
Alternatives in Rural Development  
Sterling - 1988
27. Dilip Shah  
Gandhian Approach to Rural Development. 2000
28. Batra  
Globalization and Rural Development  
SAGE, 2006
29. S. B. Varma, P. N. Shanker and Others  
Rural Based development strategies  
Development- 2006

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**VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT.  
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SEMESTER - I**

Paper No : 2  
Paper Title : **Rural Extension Education**

**Objectives :**

This course is designed to impart the basic theoretical elements and techniques of Extension Education for transferring knowledge and technologies in different fields of Rural Development. It will also help students to understand the problems and enable them to find appropriate solution by encouraging people participation.

**Unit 1 : Extension Education for Rural Development**

Concept, Meaning, Importance, Scope, Objectives, Principles and Philosophy of extension education, system of extension education.

**Unit 2 : Extension Teaching and Learning**

Concept, Classification of Methods, Selection of Methods, Steps in extension teaching, Factors contributing good teaching, Relative effectiveness of methods, preparation of audio-visual aids,

**Learning process:** Principles of learning, Elements of learning situation, Learning experience, factors affecting adult learning.

**Unit 3 : Communication and adoption of Innovation**

Communication Process, factors affecting communication process, characteristics of innovation, adoption, adoption process, steps in adoption process, adopter categories, factors affecting adoption process.

**Unit 4 : Programme Planning**

Concept, Meaning, Importance, Principles of Programme Planning, Steps in Programme Planning, Participation of Organisations in Programme Planning, Programme development for village, Evaluation, Monitoring, Steps in evaluation.

**Unit 5 : New approaches in extension education, T & V system, KVK, ATMA etc and also visit organisation.**

## References

1. Bliss: Spirit and Philosophy of Extension work.
2. Ensminger D : A guide to community Development.
3. Garg J.S Agricultural Extension - Scope and Method.
4. Kelesy L.D & Harne G.C : Cooperative Extension work.
5. Penders J.M.A : Methods and Programme Planning in Rural Extension.
6. Avrant : Agriculture Extension in India (Invornacular).
7. Patel and Others : Agriculture Extension Education (Invenacular).
8. Berlow D.K : The process of communication.
9. Dahama O.P : Extension and Rural Welfare.
10. Fruthchey : Evaluation in Extension.
11. Legens J.P : Communication process in Rural Development.
12. Wilson M.C & Gallup G. : Extension Teaching Methods.  
Scope of Extension, National Institute of community Development, Hyderabad.
13. Supe S.V : An Introduction to extension education  
Oxford and IHB publishing Company. New Delhi,1983.
14. Waghmare S. & Waghmare.V : Teaching Extension Education.
15. Sanders, H.C Coperative Extension Service, Prentice Hall, New York.
16. Singh, K.N.Rao, C.S.S and Sahay, B.N : Research in Extension Education Indian  
Society of Extension Education, Delhi.
17. Chauhan N.B., Patel B.J. and Patel R.C.: A Text book on Agricultural Extension,  
Department of Extension Education, AAU, Anand.
18. Dahma O.P. and Bhatnagar O.P.: Extension Education, New Delhi.

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**VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT.  
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SEMESTER - I**

Paper No : 3  
Paper Title : **Rural Economic Environment**

**Objectives :**

The syllabus is designed to make students understand and appreciate the importance of rural economics, the development thereof and emerging issues.

**Unit 1 : Rural Economic Environment**

- Main characteristics
- Changing Rural Scenario
- Agriculture and Economic Development
- Importance of Institutional and Structural Land Reforms- Attempts, Implementation and Effects
- Technological Reforms

**Unit 2 :**

- Agriculture and New Economic Policy - Impact on Farmers
- Agricultural Policy 2000
- Sustainable Agriculture
- Food Security & Food Policy in India
- Agricultural Price Policy & Public Distribution System

**Unit 3 :**

- Poverty- Concept - Causes and Manifestations
- Poverty and Population interrelationship
- New Economic Policy and Poverty

**Unit 4 :**

- Unemployment and Underemployment - Meaning - Nature and Extent
- Unemployment and Poverty
- Employment Guarantee Scheme and its Implementation

**Unit 5 :**

- Rural labour- Conditions of different types of labour such as women, child, migrant, bonded labour
- Effects of Structural Adjustment on Labour

## References

### Books :

1. The Indian Economy - Environment & Policy  
- Ishwar Dhingra, S. Chand & Sons - Educational Publishers - New Delhi.
2. Why poor people stay poor  
- Michel Lipton

### Articles :

1. An Imagined Reality - Malthusianism, Neo Malthusianism, Population Malthusianism  
- Mohan Rao ( P.E. 40. EPW Jan 29, 1994.)
2. Population, Growth and Sustainable Development  
- Shama Parveen, P 629 EPW, February 14, 2004.
3. Apocalyptic Visions - Hunger, Unequal & Population, Growth  
- Mohan Rao - P. 3117 EPW October 30, 1999.
4. Abiding Appeal of Neo Malthusianism  
- Mohan Rao - P. 3599. EPW August 7, 2004.
5. Population policy from bad to worse  
- Mohan Rao - P. 2120 - June 1, 2002.
6. Overpopulation : The great red herring  
- Aseem Srivastava - EPW P. 2032 September 19, 1992.

## **Rural Economy**

### References: Articles

1. The Demographic Dividend and Young India's Economic Future  
- C.P. Chandrashekar & Others / EPW. December 9, 2006., P. 5055
2. Acharya S.S. & D.P. Chaudhari (eds) Indian Agriculture
3. The Political Economy of Hunger  
- Dreze & Sen
4. " The Every day politics of labour working lives in India's Informal Economy"  
- Geert de Neve; Social Science Press, New Delhi 2005.
5. " Globalization and Labour : The New Great Transformation"  
- Ronaldo Mank; Madhyam Books.
6. " Labour Market and Institution in India : 1990s and Beyond"  
- Manohar Publishers, New Delhi 2003.
7. " India's Economic Reforms "  
- Editor : Uma Kapila 1998, ISBN- 81-7188-111-4
8. "Indian Economy since Independence" Uma Kapila edition 2006-07 ISBN- 81-7188-576-4.
9. Food, Agriculture & Reforms  
- J. Mohan Rao ; EPW; July 18, 1998, P. 1955
10. Efficiency & Equity of Food Market Interventions  
- EPW March 23, 2002, P. 1129
11. "Liberalization & Implication of Agricultural Policy- Over view-"  
Economic Liberalization & Indian Agriculture Bhalla (G.S.) Ed.
12. Seeds regulation & Food security and sustainable development  
- Philip Callet ; EPW August 6, 2005, P. 3607
13. Some Analytics of Medium & Long term Food policy  
- Mihir Rakshit ; EPW May 3, 2003, P. 1777
14. Beyond Surpluses food seem in changing context  
- V. M. Rao ; EPW; January 28, 1995, P. 215.
15. Hunger free India by 2007  
- Ashish Bose; EPW; 20 March, 2004, P. 1196
16. Some Reflections on food security in India Presidential add Indian Journal of Agri. Eco. Vol. 54 No. 4 October- December, 1999. EPW. Agriculture Supplement - December 1999.

17. Contract farming & Forest Management  
- Sukhpal Singh ; EPW P. 2693 June 26, 2004
  18. Agriculture second round of economic reforms  
- V.S. Vyas ; EPW March 10, 2001, P. 829
  19. Monopoly & Monoculture Trends in Indian Seed Industry  
- Vandana Shiva ; EPW A- 137- September 26, 1998
  20. Agricultural diversification in South Asia  
- P.K. Joshi & Other ; EPW June 12, 2004., P. 2457
  21. Agricultural Growth, Sustainability & Poverty alleviation  
- C.H. Hanumantharao; July 18, 1998, P1943.
  22. Food Insecurity in Gujarat  
- Sujoy Chakravarty, Sejal A. Dand; EPW June 3, 2006, P. 2248
  23. Trends in Agricultural Wages  
- Pallavi Chauhan & Others; EPW September 23, 2006, P. 4041.
  24. Food insecurity agrarian crisis & Rural livelihoods  
- Maithreeji Krishnaraj ; December 30, 2006, P. 5376.
- Special Issue on Labour EPW June 30, 2001  
Special Issue on Labour EPW May 27, 2006  
Special Issue on Labour EPW December 29, 2001  
Special Issue on Labour EPW May 29, 2004
- " On the Margins in the City- Adivasi Seasonal labour migration in Western India"  
- David Mosse & Others; EPW July 9, 2005 ; P. 3025
- "Unorganised Workers Bill"  
- Rehana Jhabwala; EPW May 28- June 4, 2005, P. 2227.
- "The Poor in the Indian Labour Force Scenario in the 1990s"  
- K. Sundaram, Suresh Tendulkar; EPW Noveber 27, 2004, P. 5125.

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**M.R.S.**  
**SEMESTER - I**

Paper No : 4  
Paper Title : **Rural Social Sector & Development**

**Objectives :**

Objective of the course is to develop basic understanding of the Rural Society. Its environmental system and social issues with alternative policies, it for this purpose rural demography and population, rural social structure, socio-cultural transformation, with special reference to weaker sections of the society etc. have been included.

**Unit :- 1. Rural Demography and Population.**

- ❖ Meaning of Demography.
- ❖ Demographic Data.
- ❖ Size – Sex Composition, Age, Marital, Fertility, Mortality.
- ❖ Migration Pattern.
- ❖ Size of Rural Settlement.
- ❖ Social Aspects of Population.

**Unit :-2. Rural Social Structure.**

- (1). **Village Community – Rural Society.**
  - ❖ Distinguishing feature of Rural Society.
  - ❖ Socio – Cultural Transformation and Development.
  - ❖ Factors Responsible for Changes.
- (2). **Caste.**
  - ❖ Main Features.
  - ❖ Caste distance and Caste disabilities – untouchability.
  - ❖ Factors of Change.

**Unit :- 3. Social Development**

- ❖ **Concept.**
- ❖ **Process of Social Development.**
  1. Urbanization.
  2. Modernization.
  3. Education.
  4. Economic Opportunity.
  5. Political Participation.
- ❖ Development and Social Mobility.

**Unit :- 4. Social Groups and Development.**

**1. Women.**

- ❖ Patriarchal Social Structure and Status of Women.
- ❖ Changes and Factors of Change.
- ❖ Policy, Plan and Programme for Development of Women.
- ❖ Women and Development.
- ❖ 'Gender' as concept and its implications for development of women.

**2. Development of Social depressed classis**

- ❖ S.T. - concept, size, issues and policy
- ❖ S.C. - concept, size, issues and policy
- ❖ Minority - concept, size, issues and policy

**Unit :- 5 Rural Social Services and Development.**

**1. Rural Health and Family Welfare.**

- ❖ Health Situation in Rural India.
- ❖ Health Care Services.
- ❖ Organizational Structure.
- ❖ Policy and Programmes.

**2. Rural Education.**

- ❖ Concepts, Importance and Need for education.
- ❖ Education System and Progress in India.
- ❖ Educational Policy and Programmes.
- ❖ Rural Education and direction
- ❖ Rural education models

## References:

1. Bose Ashish, India's urbanization 1901-2001.
2. Dardekar V.M. : "Population From of India's Economics Development "EP vol.XXIII No.17
3. Desai A.R. :Rural Sociology in India
4. Gurye G.S. :Caste and Class in India
5. Beteille Anire :Caste,Class and Power
6. Desai I.P. :Untouchability in Rural Gujarat.
7. (Removal of Untouchability in Gujarat) Department of Sociology, Gujarat University, Alhmedabad
8. Government of India, Report of the National Committee on women's Education.
9. Desai Meera and M. Drishnaraj: Women and Society.
10. Shah Kalpana : Women's liberation and Voluntary Action.
11. Bipinchandra : Communalism in Modern India.
12. Foundation for Research in Community Health, 1987, Health Status of the Indian People.
13. Banerji D. Health and Family Planning Services in India.
14. Indian Council of Social Science Research and Indian Council of Medical Research: Health for All : An Alternative Statutory.
15. Bose Ashish, From Population to people vols. I and II.
16. Raina B.L. Population Policy
17. Naik J.P. : An Alternative System of Health Care Service in India.
18. Government of India: National Policy of Education.
19. Raza Moonis, A Ahed, School education in India.
20. Shah A.B. Education in India: Some Problems.
21. Naik J.P. Policy performance and problems in India Education.

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**VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT.  
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SEMESTER - I**

Paper No : 5  
Paper Title : **Communication Skills for Rural Studies**

**Objectives :**

This course is designed to impart a skill for better communication through reading, writing, speaking, listening and discussing. It will be helpful to students for effective and efficient Transfer of Technology in rural area for their development. It will also enable to make the students bold and remove their fear for better communication.

**Unit 1 : Introduction**

Spoken and conversational skills for Greetings, Requests, Invitations, Permission, Thanks etc., Paragraph Development, Vocabulary Development

**Unit 2 : Reading Skills**

Model of Reading to learn- P.S.O.R., Reading Tactics and Strategies, Reading Purposes and Meaning, Reading outcomes structure of meaning technique

**Unit 3 : Writing Skills**

Guidelines for effective writing, writing styles for application, personal resume, business letter and memo including requests, complains, asking quotations etc. Technical report writing, writing paragraphs on a given topic, Developing Story from given points.

**Unit 4 : Listening Skills**

Barriers to listening, Effective listening Skills, Feedback Skills, Attending Telephone calls, Note taking.

**Unit 5 : Speaking and Discussion Skills**

Components of Effective talk/ Presentation, Planning of content of a talk / Presentation, Use of Visual aids, Effective speaking skills, Discussion skills.

**References**

1. Chrisle W. Handbook of Practical Communication skills - JAICO
2. S.J. McGrath - Basic Managerial Skills for all - PHI

**Supplementary References**

1. Reading to learn - Sheila Smith & Thomas M. - Methuen (London)
2. Communication Conversation Practice - Tata McGraw Hill
3. Communication in English - R.P. Bhatnagar & R T Bell - Orient Longman
4. Good English - G.H. Vallins - Rupa & Co.
5. Let's Talk English - M.I. Joshi
6. Essentials of Business Communications - Pat & Sons, - S. Chand.

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SEMESTER - I**

Paper No : **6**  
Paper Title : **Natural Resource Management - I**

**Objectives :**

This course is designed to introduce students to the basic principles of natural resource management and the complexities of applying these principles to real world problems. The focus is on biological resources emphasizing forestry.

**Unit 1 :** Introduction and need for natural resource management, principles of resource management sustainability, adaptive management, stock Vs flow.

**Unit 2 :** Types of natural resources- Land, Water, Forest

**Unit 3 :** Forest resources of India

**Unit 4 :** Need for Social forestry, Raising nursery and Plantations. Management of natural and artificial forestry.

**Unit 5 :** Forest based industries

**Unit 6 :** Principles and practice of forest conservation including seasoning & poisoning of wood.

## References:

1. Sagreiya K.P. - Forest and Forestry, NBT
2. Mabberlay - Tropical rain forest ecology, Blackie publishers (1983)
3. Agrawal Anil - The price of forests. Centre of Science and Environment (1992)
4. Jhingaran V.G.- Fish and Fishers of India, Hindustan publishing cooperation, N. Delhi.
5. Huest M. - Text book of fish culture: Breeding and cultivation of fish, Ballinger Publishing Co.
6. Hickling - Fish culture
7. Connel - Advance in Fish Science and Technology
8. CIFRI - Barrackpore, West Bengal, Rural Prosperity through Rural Aquaculture Production :- A Profile of CIFRI's Pioneering role in Development of technologies in Aquaculture
9. G.S.R., New Delhi - The wealth of India, Raw materials vol.- IV supplement Fish & Fisheries
10. Kurian, C.V and Sebastian, V.O : Prawns and prawn fisheries of India, Hindustan Publishing Corporation India.
11. Dwiwedi, A.P - Forestry in India, Jugat Kishore and Company.
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13. Gupta, T & Guleria A. - Non Wood Forest Production India, IBH Publication, N. Delhi.
14. Tiwari KM. - Social forestry for Rural Development, International Book Distributors, Dehradun.
15. Bandhu - Social forestry for Tribal Development, International Book Distributors, Dehradun.
16. Megi - Handbook of social forestry.
17. Centre for Science and Environment :The state of India Environment.
18. Sharma L.C. Development of forests and forest Based Industries, Bishen Singh Mehendra Pal Sing, Daheradun 1978.
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20. Negi.S.S India's forests, forestry and wildlife, Indus Publishing Co. New Delhi, 1994.
21. Dalvi M.K and Shukia Rohit - Evaluation of Gujarat Social forestry Programme. Sardar Patel Institute of Economic and Soda Research, Ahmedabad, 1986.
22. Food and Agriculture Organization: Tree growing by Rural People. FAO - Rome, 1986.
23. Jam S. Case studies of farm forestry and wasteland development in Gujarat, India, FAO - Rome, 1986.
24. Balfour H and Peuginin Y. Commercial fish farming, Johnwiley Sons, New York, 1961.

25. Mishra R. Fisheries in India, Ashish Pubhshing House, New Delhi, 1987.
26. Agrawak S.C.A Hand Book of fish farming Narendra Publishing House Delhi 1994.
27. Coche A, Muir J.F and Laughlin - Pond construction for fresh water fish culture, Daya Publishing House Delhi, 1996.

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**M.R.S.**  
**SEMESTER - I**

Paper No : 7  
Paper Title : **Advanced Agricultural Production System**

**Objectives :**

This course is designed to impart in depth knowledge and skills required for scientific agriculture. It will enable students to understand the role of different inputs and their scientific use for sustainable agricultural productivity.

**Unit 1 : Irrigation Management**

- Different irrigation methods
- Mulching
- Critical stages of irrigation for important crops

**Unit 2 : Plant Protection Measures**

- Types of plant protection measures
- Common insect, pests & diseases of important crops and their management
- Integrated weed management

**Unit 3 : Integrated Nutrient Management**

- Concept, Meaning and its Importance
- Bio-fertilizers
- Organic Manures
- Green manuring
- Inorganic fertilizers
- Application of manures and fertilizers

**Unit 4 : Bio-technology**

- Green house, glass house & net house
- Importance of Bio-technology in Rural Studies

**Unit 5 : Post harvest technology**

- Processing, preservation and marketing of agricultural produce