

**VEER NARMAD SOUTH  
GUJARAT UNIVERSITY  
SURAT**



**FACULTY OF RURAL STUDIES  
CBCS - SYLLABUS**

FOR

SEMESTER-IV

**BACHELOR OF RURAL STUDIES ( B.R.S.)**

**Academic Year: - 2012 -2013**

**FACULTY OF RURAL STUDIES****U.G. COURSES IN****BACHELOR OF RURAL STUDIES- (BRS)****SEMESTER-IV COURSE**

SR. No.	SUBJECT	CREDIT	EVALUATION				COURSE TITLE (Theory + Practical)
			Internal	External	Practical	Total Marks	
1	<b>Foundation-1</b>	3	30	70	50	150	Computer Education (2+1)
2	<b>Foundation-2</b>	3	30	70	--	100	English (3+0)
3	<b>Core-7</b>	3	30	70	50	150	1.Agronomy- (2+1) 2.Ani.Husbandy- (2+1) 3.Horti & Forestry- (2+1) 4.Rural Extension- (2+1) 5. Rural Development & Management (2+1)
4	<b>Core-8</b>	3	30	70	50	150	1.Agronomy- (2+1) 2.Ani.Husbandy- (2+1) 3.Horti & Forestry- (2+1) 4.Rural Extension- (2+1) 5. Rural Development & Management (2+1)
5	<b>Elective-13</b>	3	30	70	---	100	1.Agri.Engineering -II (3+0) 2.Women Development (3+0) 3. Rural Development
6	<b>Elective-14</b>	3	30	70	---	100	1 Social Psychology -II (3+0) 2 Social Change and Social Problems (3+0) 3 Agri.Chemistry -II (3+0)
7	<b>Elective-15</b>	3	30	70	---	100	1. Panchayatiraj -II (3+0) 2.Forestry (3+0) 3. Rural Finance & Co-operation -II (3+0)
8	<b>Elective-16</b>	3	30	70	---	100	1. Law & Rural Development -II (3+0) 2. Indian Economic Problems (3+0) 3.Gender and Development (3+0)
	<b>Total Marks</b>	<b>24</b>	<b>240</b>	<b>560</b>	<b>150</b>	<b>950</b>	

# BACHELOR OF RURAL STUDIES

**SEMESTER – IV**

**Foundation-1**

**Subject: Computer Education**

**(2+1)**

**Title: - Computer Application**

**Marks-100+50**

## **Objectives:-**

Design a course with objectives of:

- (i) Student aware with fundamental knowledge of computer.
- (ii) Student gets knowledge of basic term and importance of computer so that it can be useful in his further study.

## **Theory:**

### **1. Introduction Microsoft office.**

#### **2. Microsoft word**

- (i) Facilities of M-S Word.
- (ii) How to Start Microsoft Word.
- (iii) Information of Microsoft word screen.  
(Title bar, Menu bar, Standard toolbar, formatting toolbar, Ruler bar, status bar).
- (iv) Microsoft word Shortcuts.  
(Format name, Short key)

#### **3. Microsoft excel**

- (i) Facilities of M-S excel.
- (ii) How to Start Microsoft excel.
- (iii) Information of Microsoft excel screen.  
(Title bar, Menu bar, Standard toolbar, formatting toolbar, Formula bar, status bar).
- (iv) Microsoft Excel Shortcuts.  
(Shortcut key)

#### **4. Microsoft PowerPoint**

- (i) How to Start Microsoft PowerPoint.
- (ii) To Prepare PowerPoint Slide.
- (iii) Shortcut Keys

#### **5. Internet.**

- (i) Features of Internet.
- (ii) Browser  
(Opera, Mozilla Firefox, Google chrome,
- (iii) Search engine (Google. Yahoo. Rediff.)

## **(6) E-mail**

(Advantages of E-mail, Limitations of E-mail, How to create E-mail Account)

### **Practical :**

1. Practically learn use of word
2. Practically learn use of excel
3. Practically learn to make power point slide
4. Internet surfing
5. How to make E-mail id

### **References:-**

1. Basic Computer Application - H. B. Bhadka, Dr. N. N. Jani, Dr. G. R. Kulkarni
2. Computer Parichay - Computer Jagat
3. Computer Fundamentals
4. CCC+ -Computer world

## BACHELOR OF RURAL STUDIES

**SEMESTER – IV**

**Foundation-2**

**Subject: English**

**(3)**

**Marks – 100**

### **Objectives:**

1. To strengthen the vocabulary of students.
2. To strengthen the grammar capacity, ability of the students.
3. To introduce the students to English Literature.
4. To generate interest of the students for English Literature.
5. To strengthen the structural ability of the students.

### **Theory**

#### **1. Text:-Let's go home and other stories-**

Ed. –Meenakshi Mukharjee,

Pub: -Orient Long man

**Note:-**The students will study Stories the Last Five Stories

#### **2. Grammar**

Voices

Indirect –speech

Social /official letters

Paragraph- writing

### **Reference books**

1. Let's go home and Other stories- Ed. –Meenakshi Mukharjee,  
Pub: -Orient Long man
2. High School English Grammar -Pub: -Oxford University

# BACHELOR OF RURAL STUDIES

**SEMESTER – IV**

**CORE – 7**

**Subject: Agronomy**

**( 2+1)**

**Title: - Weed And Weed Management**

**Marks-100+50**

**Objectives:-**

1. Student Aware with Different Weed.
2. Student Aware with Different Weedicide
3. Knowledge of Weedicide will be useful for producing good quality of agriculture product

**Theory:-**

1. Principles of weed management
2. Advantages and limitation of Herbicidal Control
3. Study of Important Herbicides with reference to their technical name, native ingredient, manufacturing calculation of herbicides for spraying a hectare of land.
4. Classification of herbicides time and methods of herbicide application.
5. Study of problematic aquatic and parasitic weeds.
6. Recommendation for weed management in important field crops.

**Practical: -**

1. Technical and trade names of herbicides with their active ingredient and manufacturing.
2. Calculation of herbicides for their spray.
3. Use of different spraying application.
4. Care should be taken at the time of spraying.
5. Visit to a weed crop research farm.

**References**

1. Principal of weed science - V.S.Rao
2. Weed management in important crops of Gujarat state. - Dr. J.C.Patel  
(G.A.U.Junagadh)

# BACHELOR OF RURAL STUDIES

**SEMESTER – IV**

**CORE – 07**

**Subject: Animal Husbandry**

**(2+1)**

**Title: - Breeding and Artificial Insemination**

**Marks- 100+50**

## **Objectives:**

- (1) To understand and utilize the breeding methods in animal improvement.
- (2) To know the recent methods of breeding and selection and their future implications.
- (3) To understand make understand about advantages of Artificial Insemination.
- (4) To study semen collection, examination, dilution, storage and uses.

## **Theory:**

1. History of animal breeding
2. Methods of breeding and their merits and demerits
3. Animal selection and types of selection
4. History of artificial insemination and advantages -disadvantages of A.I.
5. Semen collection and its methods
6. Semen quality and evaluation methods
7. Dilution and storage of semen
8. Methods of A. insemination and care during A.I.

## **Practical:**

- (1) Observation of Structure of spermatozoa under microscope.
- (2) Preparation of artificial vagina.
- (3) Observation of semen collection of a bull buffalo bull and observation of filling, sealing and freezing of semen at semen collection centre.
- (4) Preparation of an A.I. gun.
- (5) Observation of insemination of a cow/buffalo by an A. I. Gun.

## **References:**

1. Pashu Madarog ane Prasuti Vigyan Part: 1,2 and 3  
S.B. Kodagali and B.K. Bhavsar,  
University Granth Nirman Board, Ahmedabad.
2. Pashu Savardhan: R.K. Shukal,  
University Granth Nirman Board, Ahmedabad.
3. Pashu Vyavastha: Arun D. Dave,  
University Granth Nirman Board, Ahmedabad.
4. "Godarshan" A monthly Gujarati Magazine, Dept. of A.H., Gujarat State, Gandhinagar.
5. A Text Book of Animal Husbandry: G.C. Banerjee;  
Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi.
6. A Hand Book of Animal Husbandry: By ICAR, New Delhi.
7. Animal Genetics and Breeding: By BAIF.
8. The Artificial Insemination of Farm Animals: E.J. Pery

# BACHELOR OF RURAL STUDIES

**SEMESTER – IV**

**CORE – 7**

**Subject: Horticulture & Forestry**

**(2+1)**

**Title: Gardening**

**Marks-100+50**

**Objectives:-**

Design a course with objectives of

1. Student aware with principles of landscape gardening.
2. Student gets knowledge of types of garden & its relevant plant, design & garden tools so useful in preparing garden in future.

**Theory:**

## **1. Definition -Garden**

## **2. Importance of garden**

- (i) For relaxation
- (ii) Town planning
- (iii) For pollution free, stress decrease
- (iv) Decorative
- (v) For better environment

## **3. Classification of garden on utility base**

- (i) Public garden
- (ii) Private garden
- (iii) Rock garden
- (iv) Children garden
- (v) Moon garden
- (vi) Bottle garden.

## **4. Types of garde**

- (i) Mughals garden -Characteristic of Mughals garden
- (ii) Japanese garden - Characteristic of Japanese garden
- (iii) English garden - Characteristic of English garden

## **5. Bonsai (in Brief)**

- (i) Definition
- (ii) Types of Bonsai

## **6. Lawn (in Brief)**

- (i) Definition
- (ii) Importance of lawn in garden
- (iii) Preparation methods

## **7. Famous garden in India. (Brief information)**

## **8. Garden tools**

## **9. Garden Adornments (in brief)**

**Practical:**

1. Visit to a public garden
2. Study the characteristic of garden
3. Aware with garden tools
4. Visit to a nursery and identify different plants
5. Identify indoor and outdoor plants

**References:-**

1. Beautiful garden -Randhawa M.S (1971)  
Pub. I.C.A.R New Delhi, India
2. Floriculture in India -Randhawa G.S and Mukhopadhyay A  
(1986) Pub allied publishers Private Ltd  
New Delhi, India
3. Advances in horticulture vol. 12 -edited by Chadha K.L and Bhattacharya  
-malhotra publishing house New Delhi
4. Creatibg small Gardens -Roy strong  
-Conran octopus limited - London
5. ખેડુત મર્ગદર્શિકા (ભાગ – ૨ ) બાગાયતી પાકો

સંપાદક, નવસારી કૃષી યુનિવર્સીટી.

# BACHELOR OF RURAL STUDIES

**SEMESTER – IV**

**CORE – 7**

**Subject: Rural Extension**

**( 2+1)**

**Title: - Extension Management**

**Marks-100+50**

**Objectives:-**

- (i) Identify the management functions, Basic elements and characteristics of extension management.
- (ii) Describe the three extension strategies which are involved in the process of development.
- (iii) Understand the nature of programmes executed and the impact of each extension
- (iv) Indicate the importance of management of inputs and credits in an extension organization.

**Theory:**

**1. Introduction**

**2. Extension Management**

- (i) Meaning of Management
- (ii) Management Function
- (iii) Basic Elements in Extension Management
- (iv) Characteristics of Extension Management

**3. Extension Strategies**

- (i) Community Development (C.D.)
- (ii) Rural Development (R.D.)
- (iii) Agriculture Development (A.D.)

**4. Input Management in Extension**

- (i) Production Input Management
- (ii) Credit Management

**5. Extension Professionalism**

- (i) Professionalism in Extension Subject Matter
- (ii) Professionalism in Communication

**Practical :-**(1) to study the methods of communication that can be used in Extension for influencing the target groups

(2) to study and Refers to change in agricultural enterprises to wards a more desirable situation in which farmers use more agricultural research findings and practice less subsistence and more market oriented agriculture .

(3) To Visit the individuals who are living below the poverty line in rural areas.

(4) To identified the opinion leader who has a relatively large influence on the opinion of others in the group to which he belongs

## Reference:-

- 1) Anonymous (1991) Manual for IRDP and Allied programmes TRYSEM and DWCRA Department of Rural Development Ministry of Agriculture Government of India New Delhi.
- 2) Benor D and Baxter M. (1984) Training and Visit System The World Bank Washington D.C.
- 3) Bhatnagar O.P. and Desai G.R.(1987) Management of Agricultural Extension Concept and Constrants NIRD Hyderabad .
- 4) Dahama O.P and Bhatnagar O.P.(1985) Education and Communication for Development (2<sup>nd</sup> Edn.) Oxford & IBH Publishing Co. New Delhi.
- 5) Richards M.D.,Nieler W.A. (1969) Readings in Management (III Edn.) South & Western Publishing Co. Ohio.
- 6) Roy,G.L.(1991) Extension Communication and Management Naya Prokash, Calcutta.
- 7) Scanlan ,B.K.(1973) Principles of Management and Organisational Behaviour John Wiley & Sons Inc, New York.
- 8) Van den Ban A.W. and Hawkins, H.S. (1988) Agricultural Extension Longman Scientific & Technical and John Wiley & Sons,Inc New York .

# BACHELOR OF RURAL STUDIES

**SEMESTER – IV**

**CORE – 7**

**Subject: Rural Development & Management**

**(2+1)**

**Title: - Planning and Management for Rural Development**

**Marks-100+50**

**Objectives:-**

1. describe the process of planning in India.
2. Indicate the nature of the planning machinery –both at the national and state levels, and
3. Indicate the linkages between the levels of planning.

## **1 Introduction**

2 Development Planning and Management-" WHAT AND WHY"

## **3 Process of Planning**

3. 1. Perspective Planning
- 3.2. Five Year Plans
- 3.3. Annual Plans
- 3.4. Budget

## **4. District Planning**

- 4.1. Need for District Planning
- 4.2. Concept and Scope of District Planning
- 4.3. Components of District Planning
  - Economic Component
  - Demographic Component
  - Agro –economic component
  - Socio-economic component
  - infrastructural Component
  - Sectoral Profiles

## **5. Review of District Planning and Process of District Planning**

- [a] Planning phase
- [b] Implementation phase
- [c] Monitoring Phase
- [d] Evaluation phase

**Practical:**

1. To Visit District Planning Office and Prepare report on it .
2. To Prepare a Report on D.R.D.A. activities

## Reference:-

1. Desai ,Vasant (1988), Rural Development –Programmes and Strategies, Volume II,Himalaya Publishing House ,Bombay.
2. Desai Vasant (1988) ,Rural Development ,Organization and Management , Volume III Himalaya Publishing House Bombay
3. Government of India (1969) ,Guidelines for the Formulation of District Plans, Planning Commission ,New Delhi .
4. Dayal Ishwar et al.(1976) ,District Administration : A Survey of Reorganization, Macmillan ,New Delhi
5. Sharma A.N. (1981) Spatial Approach for District Planning ,Concept ,New Delhi.
6. Government of India (1984) ,Report of the Working Group on District Planning Volumes I & II Planning Commission New Delhi .
7. Government of India (1985) Report of the Committee to Review the Existing Administrative Arrangement for Rural Development and Poverty Alleviation Programmes, Department of Rural Development ,Ministry of Agriculture , New Delhi.

# BACHELOR OF RURAL STUDIES

**SEMESTER – IV**

**CORE – 8**

**Subject: Agronomy**

**(2+1)**

**Title: - Farm Management-II**

**Marks-100+50**

**Objective:**

Design a course with objective of

- (1) Student aware with fundamental principle of farm Management.
- (2) Students get Knowledge of farm Lab our and so useful in progressive Farming.
- (3) To know labour management & skills.
- (4) To understand the capital management.
- (5) To study processing of cropping scheme.
- (6) To study different from farm records.

**Theory:**

**1. Farm Labour management.**

- 1.1 Types of Agricultural laboring. (Farm managerial, familiar, hired laboring)
- 1.2 Role of farm lab our and factors affecting the roll of farm lab our.
- 1.3 Work efficiency of lab our.
- 1.4 Affords made to improve the economical condition of farm lab our.

**2. Capital management.**

- 2.1 Necessity of capital of farming.
- 2.2 Point remembers to determine the necessity of capital.
- 2.3 Classification of capital /cost.
- 2.4 Annual cost –Permanent cost.

**3. Cropping scheme.**

- 3.1 Point considers for making cropping scheme.
- 3.2 Evaluation of cropping scheme according to soil fertility and economical.

**4. Farm records and cost of production calculation.**

**4.1 Advantages of farm records.**

- 4.1.1. Classification of farm records.
- 4.1.2. Farm history records
- 4.1.3. Farm labour records

- 4.1.4. Store records
- 4.1.5. Permanent articles records
- 4.1.6. Weather records
- 4.1.7 Orchard records

## 4.2 Cost of production calculation

### Practical:

1. To Prepare a report on Cropping Scheme for Khakis and Rabi Season
2. Visits to farms and share the experience from the farmers and Prepare a report
3. visit agri. labours and to know the Problems of them

### References:

- |  |   |
|--|---|
| (1) Principle and Method of farm Management  | - Tandon R. K. And Dhondyal             |
| (2) Establishment and operation of the farm. | - Sing and Arjun                        |
| (3) Fundamental of soil science              | - Millar C.E. and turk L.M. Patel       |
| (4) ક્ષેત્રવ્યવસ્થા અને ખેતી હિસાબ           | -પ્રા ચિમનલાલ પટેલ અને પ્રહલાદ પી વિહોલ |
| (૫) કૃષિ અર્થશાસ્ત્ર                         | - રતિલાલ જેઠાભાઈ પટેલ                   |

# BACHELOR OF RURAL STUDIES

**SEMESTER – IV**

**CORE – 8**

**Subject: Animal Husbandry**

**(2+1)**

**Title: - Dairy Processing**

**Marks- 100+50**

**Objectives:**

- (1) To know structure and functioning of mammary gland.
- (2) To know milk composition and factors affecting it.
- (3) To understand how to maintain udder health and milk production.
- (4) To know processing of milk and making of different milk product.

**Theory:**

1. Structure and development of mammary gland
2. Milk production and factors affecting milk secretion
3. Composition of milk and factors affecting the composition
4. Physical and chemical characteristics of milk and measures  
To produce clean milk
5. Milking methods and drying up of a cow
6. Processing of milk : filtration chilling, standardization,  
Homogenization, pasteurization etc...
7. Different milk products and their making: Ghee, Butter, Paneer, Khoa,  
Ice-cream, Milk powder, etc

**Practical:**

1. To Visit a Dairy and see the Processing of milk and making of different milk product
2. To Know about the physical and Chemical Characteristics of milk

**References:**

1. Dery Vigyan: C.H. Joshi,  
University Granth Nirman Board, Ahmedabad.
2. Dudh ane Dudhani Banavato: B.M. Patel ane S.H. Vyas,  
University Granth Nirman Board, Ahmedabad.
3. "Godarshan" A monthly Gujarati Magazine, Dept. of A.H., Gujarat State, Gandhinagar.
4. A Text Book of Animal Husbandry: G.C. Banerjee;  
Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi.
5. A Hand Book of Animal Husbandry: By ICAR, New Delhi.
6. Dairying in India: A Review- D.N. Kharady.
7. Dairy Microbiology: K.C. Mahanta.

# BACHELOR OF RURAL STUDIES

**SEMESTER – IV**

**CORE – 8**

**Subject: Horticulture & Forestry**

**(2+1)**

**Title: -Pomology- II**

**Marks-100+50**

**Objectives:-**

Design a course with objectives of

1. Student aware with fundamental principles of horticulture science
2. Student gets knowledge of fruit crops & its relevant cultivation method so useful in progressive farming.

**Theory:**

**1. Cares taken at the time of planting**

**2. Cultivation practices of fruit crops in Gujarat state**

- (i) Guava
- (ii) Custard apple
- (iii) Amla
- (iv) Date-palm
- (v) Pomegranate.

**3. Harvesting and value addition in fruit crops.**

- a. Importance
- b. Harvesting
- c. Washing of fruit
- d. Sorting
- e. Grading
- f. Treatments to fruits
- g. Packing
- h. Preservation
- i. Transportation

**4. Training and pruning in fruit crops.**

- (i) Importance of training and pruning in fruit crops
- (ii) Cares taken at the time of training
- (iii) Different types of training
  - (a) single stock system
  - (b) telephone system
  - (c) trellis system etc
- (iv) Pruning objective, merits
- (v) types of pruning
  - (a) heavy
  - (b) medium
  - (c) light punning.
- (vi) Rules of pruning

**5. Fruit growers motivation policy of Gujarat state**

**Practical:**

1. To Visit Horticulture Farm and get the fundamental Knowledge of Horticulture Science
2. To Visit a fruits Co-op society and make a report on it
3. To Visit a fruit Research station and know the new Scientific Research.

**Reference:-**

1. Principles of Horticulture

Adam C.R. bum ford K.M and Early M.P (1992)  
Butter worth Heinemann - London

2. Propagation of horticulture and subtropical horticulture crops

-Bose D.K., mitra S.K. and sadhu M.K  
-nayaprakashan, Calcutta

3. Horticulture - a basic awareness

-bindle distal R.F.

- Reston publishing co. inc. rest on Virginia.

4. ખેડુત માર્ગદર્શિકા (ભાગ - ૨ ) બાગાયતી પાકો

સંપાદક, નવસારી કૃષી યુનિવર્સીટી.

# BACHELOR OF RURAL STUDIES

**SEMESTER – IV**

**CORE – 8**

**Subject: Rural Extension**

**( 2+1)**

**Title: - Organised Government Efforts in Extension  
and Rural development**

**Marks-100+50**

**Objectives :**

- To understand and application the logic aims and issues of Extension and Rural Development Programmes in India
- To understand and applicate the prevailing system of management of the Rural Development programmes and possible effective alternative for result oriented management of Rural Development.
- To develop practical skills in managing Rural Development programmes.

**1:- Extension and Rural Development**

- Similarities and differences – morden Extension Work & traditional Extension work.

**2:-** Brief history of Extension and Rural Development related programmes.

**3:-** Fields on class specific Extension and Rural Development programmes.

- Community Development programmes
- Farmers and landless labours development programmes.
- Training and Visit System
- Krishi Vigyan Kendras
- Family and child welfare
- Youth welfare
- Senior citizen welfare
- Women welfare
- Schedule caste and schedule tribe's welfare
- Welfare programmes of disabled and physically challenged only
- Adult and social education.
- Family planning.

#### **4. Broad Based Extension System**

- From Bottem to top and top to bottem extension approach
- From lab to farm and farm to lab extension approach

#### **Practical:**

1. Prepare a Report on any two Rural development programme
2. evaluate any one rural Development Programme
3. Prepare a brief note on social education programme

#### **Reference:-**

1. Gaton Sathi –an experimentation extension: Allahabad Agriculture –Institute
2. Extension & Rural Welfare: ram Prasad & Sms
3. Agricultural Extension A.K. Singh
4. State N.G.O. and Disaster Management –kishor C. Samal
5. કૃષિ પ્રસાર એવુ સામુહિક વિકાસ : ડૉ જગદીશચંદ્ર ગર્ગ

# BACHELOR OF RURAL STUDIES

**SEMESTER – IV**

**CORE – 8**

**Subject: Rural Development & Management (2+1) Marks-100+50**

**Title: - Planning and Management for Rural Development**

**Objectives:-**

1. describe the process of planning in India.
2. Indicate the nature of the planning machinery –both at the national and state levels, and
3. Indicate the linkages between the levels of planning.

## **1 Machinery for Planning at the National Level**

- Planning Commission
- National Development Council
- Planning Units of Central Ministries

## **2 Machinery for Planning at the State Level**

- State Planning Department
- Departments of Economics and Statistics, Manpower and Evaluation
- District Planning Agencies

## **3 Multi Level Structure of Planning**

- Macro Level → Nation
- Meso Level → State
- Micro Level → Area
  - Block
  - Village

## **4 Two –Tier System: Tribal Plan**

- Integration of traditional tribal Panchayats with the Prls
- The 73<sup>rd</sup> Constitutional Amendment Act

**Practical:**

1. To Make micro level plan for the Block
2. To Visit tribal Village and make a Development action plan
3. To Visit Tribal sub-plan office and prepare a report about tribal schemes

**Reference:-**

1. Government of India (1952) The First five year plan Planning Commission, New Delhi.
2. Government of India (1970) Fourth Five Year plan Planning Commission new Delhi
3. Sarkaria Commission (1988) Commission on Centre –State Relations Report Government of India Press , New Delhi
4. Government of India (1988) ,The Constitution of India Ministry of Law Justice & Company Affairs ,New Delhi .
- 5 Redd Y. Venugopal (1979) Multi Level Planning in India ,Vikas ,New Delhi
6. Alagh Y.K. (1973) District Planning for Integral Development Journal of the Lal Bahadur academy of Administration Mussoorie.

# BACHELOR OF RURAL STUDIES

**SEMESTER-IV**

**Elective-13**

**Subject-Agriculture Engineering -II**

**(3)**

**Marks-100**

**Objectives:**

1. To Know about canal Constriction and estimate.
2. To know about the water resource Management, Planning and flood control.
3. To get the knowledge different types of energy.

**Theory:**

**1. Canals**

- 1.1 Canal alignment.
- 1.2 Design of canal.
- 1.3 Canal lining.
- 1.4 Regulation work.

**2. Diversion head work-credit-6**

- 2.1 Purpose
- 2.2 Barrage.
- 2.3 wear.
- 2.4 Control silt entry.

**3. Water resource project planning & flood control.**

- 3.1 Project type benefits.
- 3.2 Design high and normal flood.
- 3.3 Method of flood control.
- 3.4 Miscellaneous points.

**4. Energy.**

- 4.1 Energy transmission.
- 4.2 Solar Energy.
- 4.3 wind energy.
- 4.4 Electric energy.
- 4.5 Mechanical energy.
- 4.6 Man energy.

**5. Construction works.**

- 5.1 Compound wall.
- 5.2 Godown.
- 5.3 Roads (village)

**Reference:**

1. Irrigation engineering. By. M.M Patel P.B Vaishnav.
2. Agriculture engineering. By.Babubhai avarani.

# BACHELOR OF RURAL STUDIES

**SEMESTER-IV**

**Elective-13**

**Subject-Woman Development**

**(3) Marks-100**

## **1 . Women in India through Ages**

- 1.1 .Ancient ,Medieval and Modern Priod.
- 1.2.Analysis of Their Positions Ideal

## **2. Men and Women relations**

- 2.1.Gender –Division of work ,roles and responsibilities

## **3. Women’s issues related to work**

- 3.1.organized ,Unorganized sectors ,household work
- 3.2 Education ,health ,housing and superstitions

## **4. Violence and Atrocities on Women**

- 4.1. Mecia –Abuse prevention Measures (Law/Legislations)

## **5. Policies and Programs for development of women**

- 5.1 Role of Government and NGO Social Work approach

## **References:**

1. Kapur Premila: 1970 Marriage and Working Women in India, Delhi, Vikas
2. Kapur Premila: 1982 Conflict between adolescent girls and Parents,New Delhi.
- 3 .Benrerji D: 1889 Poverty Class & Health Care in India, New Delhi, A.K.Das Publication.
4. Mukharji S.K. : 1986 Prostitution in India , New Delhi Inter – India Publication – 4
5. Karl Marx (1971) : Revolution and Counter Revolution London George Allen and Unwin.
6. Foremen.A.(1977) : Family as Alienation Women and Family in Marxian & Psychoanalysis, London.
7. Naik J.P.(1978) : Equality and quality and Quality the Elusive Triangle in India Education, Delhi Allied Publication.
8. Desai N & Krishnaraj (1978) : Women and Society.
9. Mitter Dwarka Nath (1989) : The Prostitution in Historical & Modern Perspectives Delhi.
10. Prithvi Nath Tikoo ( 2005) : Indian Women : A Brief Social Cultural.
11. Saxena S.(2005) : Crimea against Women and protective laws: Deep & Deep Publication,Pvt.Ltd.,New Delhi.
12. Goel Aruna (2005) : Education and Socio Economic Perspectives of Women Development and Empowerment.
13. Satmanta R.K. (2005) Empowering Rural Women : Issues opportunities and Approches B.R. World of Books.

# BACHELOR OF RURAL STUDIES

**SEMESTER-IV**

**Elective-13**

**Subject- Rural Development**

**(3) Marks-100**

**1. Introduction to rural society**

Meaning, characteristics, historical perspectives of Indian Villages. Analysis of Indian village physical, ecological, social economic and political structures.

**2. Problems of rural community**

Poverty and other related problems in the rural poverty and Basic issues related to rural poor. Migration, land alienation, Bond labour. Lecture And Group Discussion

**3. Rural Development**

Sarvoday and Bhudan movement and its concepts of Rural Development. Government, policies and programmes for rural development. Lecture And Group Discussion

**4. Panchayati raj**

Original and development of Panchayati Raj Institutions. Panchayati Raj organization and function in Gujarat. About Legislation pertaining to Panchayati Raj. Lecture And Group Discussion

**5 . Micro and Macro level efforts for rural Development today**

Types of Social Economic Schemes: Implemtation of Rural Development programmes  
Role of non-governmental organizations in rural development , Role of Social Worker in Rural Development .

**References:**

1. Bhall Alok and Burmeke (eds.) Images of Rural India in the 20 century Sterlling publishers Pvt.Ltd.New delhi, 1992
2. Brahananda P.R.Narayan B.K.and Kalappa A (eds) Dimensions of Rural development in India Himalaya Publiding house Bonmbay (Mumbai) 1987
3. Dayal R.Panchayati Raj in India Metropoliton Book Co. Delhi 1970
4. Doshi S.L. and Jain P.C. Rural Sociology Rawat Publications, Jaipur 1999

# BACHELOR OF RURAL STUDIES

**SEMESTER-IV**

**Elective-14**

**Subject- Social Psychology –II**

**(3) Marks-100**

**Objective:-**

- To understand the basic element of Social psychology.
- To understand role of Social psychology in personal development .

**Unit- 1- Social Interaction**

- Importance of Social interaction
- Types of Social interaction
- Modes of Social interaction
  - Co-Erection
  - Co-Operation
  - Competition
  - Conflict
  - Accommodation
  - Comparison

**Unit-2- Motivation**

- Nature of Motivation
- Types of Motivation
- Social incentives

**Unit-3- Mechanism of Social Interaction**

- Limitation
- Suggestion
- Sympathy-Empathy
- Social Facilitation
- Social inhibition
- Identification

**Unit-4- Social Norms, Roles, and Status**

- **Social Norms**
  - Formation of Social Norms
  - The Concept of Social Role
  - Social Status

## References:-

No	Name of books	Author's name	Publisher's name	Year
1	Social psychology	Lamberth Jone	MacMillan pub.	1980
2	Social psychology	Baron Robert A, Byrnedonn	New Delhi, prentice hall of India private Ltd.	2003
3	Mass-communication	Singh Jitendra	New Delhi, Sumit enterprises	2005
4	Mass-communication in India	Kumar Keval J.	Bombay, Jaico publishing house	2002
5	Social psychology people gropes	Raven B.H., Ruben J.Z.	New York, John Wiley & sones	1976
6	Mass-communication	Singh Jitendra	New Delhi, sumit enterprises	2005
7	Mass-communication in India: sociology perspectives	Vilanilam J.V.	New delhi, sage publications	2005
8	Personality & social structure	R.K. & Ftal (ed)	New York, Sociology today, Basic books Inc.	1959
9	Social psychology	Sherip tluzager	New York, Harper & row	1948
10	Social psychilogy	Sherip tluzager	New York, Harper & row	1954
11	સમાજલક્ષી મનોવિજ્ઞાન	પટેલ હસમુખ	રચના પ્રકાશન અમદાવાદ	
12	સામાજિક મનોવિજ્ઞાન	વ્યાસ કે.બી	સી.જમનાદાસ ડુ.અમદાવાદ	1973
13	સમાજલક્ષી મનોવિજ્ઞાન	ડૉ.ચંદ્રકાન્ત પ્રભુભાઈ પટેલ	યુનિવર્સિટી ગ્રંથનિર્માણ બોર્ડ, અમદાવાદ	1993

# BACHELOR OF RURAL STUDIES

**SEMESTER-IV**

**Elective-14**

**Subject- Social Change and Social Problems in India (3) Marks-100**

**Objective**

1. To develop the basic understanding to appreciate the social change and the theoretical dimension.
- 2 To develop the capacity to identify the Social Problems and to appreciate disorient process trading to premodern society.

**I : Social change**

- [a] Meaning and trends of social change.
- [b] Theory of social change
- [c] cultural media planned social change
- [d] Unplanned and planned social change

**II : Social change in post Independence India**

- [a] social political changes
- [b] rural development and land reforms
- [c] Social legislations
- [d] factors resistance to change

**III : Social Problems -1**

- [a] Dowry divorce
- [b] Unsociability
- [c] Chartism, unsociability
- [d] Rape ragging
- [e] Slums urbanization
- [f] Population

**IV : Social Problems-11**

- [a] Youth activism, unrest
- [b] Labor unrest ( problems)
- [c] Child labor, juvenile delinquency
- [d] Problems of aged, exploitation
- [e] Corruption, prostitution, AIDS

## V : Process of Social Change

- [a] westernization
- [b] Industrialization
- [c] Urbanization
- [d] Modernization

### Reference:-

No	Name of books	Author's name	Publisher's name	Year
1	Social change in India	Kuppu swamy B.	Delhi, Chawla, Sharda vikas pub.	1972
2	Social change in rural India	H.A.B.	New Delhi, B.R. pub. Co.	1977
3	Social problem	Kam deepak	New Delhi/ Shree pub. & distributors	2006
4	Social problems in India	Ahuja ram	Jaipur, Rawat publication	1992
5	Urbanization and social change	Rao M.S.A.	New Delhi -1, Orient Longman ltd.	1970
6	Industrialization and development	Hoelscher H.S., Hawk M.C.	California, san Francisco press ins.	1964
7	Social problems in India	Ahuja Ram	Jaipur, Rawat Publications	1992
8	Child labor in India	Shama Usha	New Delhi, Mittal publications	2006
9	Child labor in rural context: Concern causes and cure	Chakraborty Sudip	New Delhi, Mittal publications	2006
10	Corruption in India	Monteiro John B.	Jaipur, Sachin publications	1980
11	Corruption in public services.	Dutta N.K.	New Delhi – 2, Anmol prakashan pvt. ltd.	2006
12	Youth unrest, Conflict of generations (ed)	Singhvi L.N.	California, san Francisco press ins.	1993
13	ભારતની સામાજિક સમસ્યાઓ	પ્રો.એ.જી.શાહ અને પ્રો.જે.કે.દવે	અનડા પ્રકાશન ,અમદાવાદ	2003

# BACHELOR OF RURAL STUDIES

**SEMESTER-IV**

**Elective-14**

**Subject: - Agriculture Chemistry -II**

**(3)**

**Marks-100**

**Title: - Management and Reclamation of Saline, Sodic and Acid Soil.**

**Objective:-**

Design a course with Objective of

1. To know the Problems of Saline, Sodic and Acid Soil.
2. To know the Deferent Steps for Reclamation of Problematic soil.

**Theory:**

## **1. Acid soils**

- 1.1 Problems and Characteristics of acid soils.
- 1.2 Causes of Formation of acid soils.
- 1.3 Effects of soil acidity on plants.
- 1.4 Types of soil acidity.
  - 1.4.1 Active acidity of soil.
  - 1.4.2 Reserved acidity of soil.
- 1.5 Measurement of soil acidity – PH Scale.

## **2. Reclamation of Acid soil.**

- 2.1 Liming & liming maternal.
- 2.2 lime requirement.
- 2.3 Factor Affecting lime requirement.
- 2.4 Effects of liming materials on soil & plants.

## **3. Saline and Sodic soils.**

- 3.1 Problems and importance of saline, sodic soils reclamation.
- 3.2 classification of salt affected soils.
- 3.3 distribution of salt affected soils in Gujarat.
- 3.4 Causes of formation of saline and sodic soils.
- 3.5 Effect of soil salinity and alkalinity on the growth of Crops.

## **4. Management and reclamation of Saline and alkali soils.**

- 4.1 Limitations in managing salt content in soils.
- 4.2 How Proceed for reclamation of salt affected soils.
- 4.3 Method of reclamation of saline soils.
  - leaching
  - use of gypsum
  - artificial drainage and deep ploughing
  - Use of mulches
- 4.4 Reclamation of alkali soils
  - replacement of sodium
  - leaching of salts.
- 4.5 Leaching requirement.

#### 4. 6 Use of chemical amendments

- gypsum
- Sulphur
- Iron pyrites
- lime stone
- Pyrites
- Sulfuric Acid

4.7 Unit for expression of acidity salinity and alkalinity of soils.

#### **5. Agronomic practices for reclamation of salt affected soils.**

- 5.1 Soil management
- 5.2 water management.
- 5.3 crop and varieties
- 5.4 manures and fertilizers

#### **Reference books:-**

1. Soil Science and Soil Management. -BabubhaiAvarani,-Andaprakashan, Ahmadabad.
2. Soil science. - Pandya, Hariya, Mehta, Uni.-GranthNirman board-Ahmadabad.
3. Fertilizers and Crop production. - Chimanbhaipatel, -sunilprakashan.
4. Agriculture science -M.H.Mehta

# BACHELOR OF RURAL STUDIES

SEMESTER-IV

Elective-15

Subject: - Panchayati Raj -II

(3) Marks -100

**હેતુઓ:-** બંધારણમાં દર્શાવેલી સંસદીય લોકશાહી સ્થાનિક સ્તરે કેવી રીતે કામ કરે છે. કેવી રીતે લોકોની રાજકીય ભાગીદારી વધારે છે. કેવી રીતે લોકોનું સામર્થ્ય વધારે છે તે સાથે લોકો નિર્ણય શક્તિ, જરૂરિયાતો અને સત્તા તેમજ નેતાગીરીના ગુણો, આ સ્થાનિક સ્વરાજની સંસ્થા દ્વારા જે કેળવાય છે તે જાણકારી મેળવે તે આ વિષયનો હેતુ છે.

**એકમ -૧ સ્થાનિક સ્વરાજ અને લોકશાહી વિકેન્દ્રીકરણ :-**

- લોકશાહી સરચનામાં પંચાયતીરાજ સંસ્થાઓનો ફાળો
- પંચાયતી ધારો અને બંધારણીય સુધારાઓ
- પંચાયતીરાજના લાભો-મહત્વ અને મર્યાદાઓ
- પંચાયતીરાજના માળખામાં સરકારી કાર્યકરગણ અને ચૂંટાયેલા પ્રતિનિધિઓ વચ્ચેના સંકલનની કડીઓ
- પંચાયતના અમલદારોની કામગીરી

**એકમ -૨ પંચાયતી ધારો અને તેના બંધારણીય સુધારા :**

- બંધારણમાં આઝાદી બાદ થયેલા મુખ્ય સુધારાઓ
- અશોક મહેતા કમિટી (૧૯૭૭)
- જી.વી.કે. રાવ કમિટી (૧૯૮૫)
- એલ.એમ.સિંઘવી કમિટી (૧૯૮૬)
- વી.એમ.ગાડગીલ કમિટી (૧૯૮૮)

**એકમ-૩ કમિટી દ્વારા સૂચવાયેલ સુધારાઓ જે પૈકી ૭૩ મો બંધારણીય સુધારો અને તેની અસરો**

- બંધારણીય રીતે પંચાયતીરાજને મળેલી સત્તાઓ ,જવાબદારીઓ અને નાંણાકીય સ્ત્રોતો
- પછાતજાતિઓ અને મહિલાઓ માટેની ખાસ અનામતની જોગવાઈઓ અને તેની અસરો
- પંચાયતીરાજને મળેલ વૈધાનિક વહીવટીય અને વિકાસની સત્તાઓ
- ગ્રામ્ય સ્તરે કૃષિ જમીન સુધારણા,પશુપાલન નાના પાયાના ઉદ્યોગો શુદ્ધ આરોગ્ય અને સફાઈ ,ગરીબી નાબૂદી, કુટુંબ કલ્યાણ જેવા કાર્યક્રમોનું આયોજન અને સંચાલનની જવાબદારીઓ
- ગ્રામસભાનું મહત્વ અને કામગીરી
- ગુજરાતમાં પંચાયતીધારામાં થયેલા મૂળભૂત પરિવર્તન કે જે રાષ્ટ્રીય પંચાયતીધારા કરતા જુદા પડતા હોય તેની આગવી વિશેષતાઓ

**એકમ -૪ પછાતજાતિઓ અને મહિલા સશક્તિકરણમાં પંચાયતીરાજનો ફાળો**

**સંદર્ભ ગ્રંથો :-**

૧. ભારતમાં પંચાયતીરાજ - શ્રી બી.સી. શાહ
૨. પંચાયતીરાજ અને વિકાસ - સંપાદક- પ્રવીણ શેઠ
૩. અશોક મહેતા સમિતિ અહેવાલ
૪. બળવંતરાય મહેતા સમિતિ અહેવાલ
૫. રિખવદાસ સમિતિ અહેવાલ

# BACHELOR OF RURAL STUDIES

## SEMESTER-IV

## Elective-15

### વિષય :- વનસંપત્તિ

(3) Marks 100

**હેતુઓ :-** આ વિષયના અભ્યાસ દ્વારા વિદ્યાર્થીઓને વનોનું તેમજ પર્યાવરણીય મહત્વ સમજાવી વનોના સંરક્ષણ અને ઉછેર વિશે વિસ્તૃત જાણકારી આપવાનો હેતુ છે. વધુમાં વનોની ઉત્પાદકતા વધારી તેમાંથી મળતી પેદાશો સતત મળતી રહે જે વન આધારિત ઉદ્યોગોને ટકાવી રાખે એ આ વિષયનો મુખ્ય હેતુ છે.

૧. વનોની વ્યાખ્યા, વનોના પ્રકાર, વનોનું મહત્વ, આર્થિક તથા પર્યાવરણીય, ગુજરાત વન વ્યવસ્થાપન, જરૂરિયાત
૨. વનોમાં કરવાના કાર્યો, પારવવું, સુધારવા માટે છાંટણી.
૩. વન ઉત્પાદન, મુખ્ય તથા ગૌણ પેદાશો.
૪. મધમાખીનું પાલન.
૫. વનસંરક્ષણ: જરૂરિયાત તથા ઉપાય, ગેરકાયદેસર કપાણ, ફરતી ખેતી, આગ, ચરીયાણ, રોગ, કીટકો
૬. સામાજિક વનીકરણ ખ્યાલ જરૂરિયાત
૭. ગુજરાતમાં સામાજિક વનીકરણ તથા વન ખાતાની જુદી જુદી યોજનાઓ
૮. વનવ્યવસ્થાપન સાથે સંકળાયેલા અનુભવો, પ્રશ્નો અને તેના સંભવિત ઉકેલો.
૯. વનસહકારી મંડળીઓ મહત્વ અને કાર્યો.

### સંદર્ભ ગ્રંથો :-

૧. સોશ્યલ ફોરેસ્ટ્રી - તિવારી કે.એન.- યુનિ. ગ્રંથ નિર્માણ બોર્ડ -અમદાવાદ
૨. અમારો વનસંગાથ - માધુભાઈ ભાગોરા - પૂનાભાઈ ભાગોરા- વિક્સત-થલતેજ ટેકરા -અમદાવાદ
3. Forestry in India - Dwivedi A.P.
4. Forestr's Companion - Mastekar A.R.
5. Forests and Forestry - Sacriva K.P.
6. Fish and Fisheries of India - Jhinaqran V.G.

# BACHELOR OF RURAL STUDIES

## SEMESTER-IV

## Elective-15

વિષય :- ગ્રામવિરાણ અને સહકાર -૨

(3) Marks 100

હેતુઓ :- પ્રસ્તુત અભ્યાસક્રમ દ્વારા વિદ્યાર્થીઓ ગ્રામ્ય અર્થતંત્રના વિકાસ અને વૃદ્ધિ માટે વિરાણનું મહત્વ સમજાવવા પ્રવર્તમાન સંસ્થાકીય અને બિનસંસ્થાકીય વિરાણ સ્ત્રોતો અંગેની જાણકારી મેળવે . તેમજ ગ્રામ વિકાસની સંસ્થા તરીકે સહકારનું મહત્વ સમજાવવા વિવિધ સહકારી પ્રવૃત્તિ અને તેના સંગઠન , કાર્યક્ષેત્ર, યોગદાન અને મર્યાદાઓની સમજ કેળવે તે છે.

૧. સહકારી પ્રવૃત્તિઓના હેતુઓ અને સિધ્ધાંતો.
૨. મિશ્ર અર્થતંત્રમાં સહકારી પ્રવૃત્તિઓનું સ્થાન.
૩. ભારતમાં સહકારી પ્રવૃત્તિઓનો ઉદ્ભવ અને વિકાસ
૪. સહકારી પ્રવૃત્તિના જુદા જુદા સ્વરૂપો.
૫. સહકારી મંડળીઓની સ્થાપના , બંધારણ, વ્યવહાર, વ્યવસ્થાપક સમિતિ, સામાન્ય સભા, અને ફરજો, નફાની વહેંચણી, ઓડિટ અને ઇન્સ્પેક્શન.
૬. સહકારી ખાતાનું માળખું ,તપાસ, દેખરેખ, લવાદી ,ટ્રીબ્યુનલ
૭. સહકારી શિક્ષણ અને તાલીમ
૮. સહકારી પ્રવૃત્તિનું મૂલ્યાંકન, સમસ્યાઓ અને ઉકેલ
૯. સહકારી કાયદાઓ

### સંદર્ભગ્રંથો :-

૧. ગ્રામીણ બેંક વ્યવસ્થા - શ્રીમતી પ્રમીલા એ.જોષીપુરા- યુનિ.ગ્રંથ નિમાર્ણ -અમદાવાદ -૧૯૮૮
  ૨. સહકાર ભાગ -૧,૨ - શ્રી.સી.એસ.રાઠોડ -યુનિ. ગ્રંથનિર્માણ બોર્ડ અમદાવાદ -૧૯૮૬
  ૩. ગુજરાત રાજ્ય સહકારી સંઘ ગુજરાતની સહકારી પ્રવૃત્તિના ૭૫ વર્ષ
  ૪. ગ્રામવિકાસનું અર્થશાસ્ત્ર -શાસ્ત્રી અને શાહ - પોપ્યુલર પ્રકાશન -૧૯૭૯
  ૫. ભારતમાં આયોજન અને સહકારી પ્રવૃત્તિ - વનેસિંહ ખેતસિંહ ગઢવી -યુનિ. ગ્રંથનિમાર્ણ બોર્ડ
  ૬. સહકારી દર્શન -શ્રી જગદીશ ચંદ્ર એમ. ગુલાણી -પ્રમુખ પ્રકાશન,સરકાર ભારતી -૧૯૮૩
- અંકુર રોડ, નારણપુર અમદાવાદ -૧૩

# BACHELOR OF RURAL STUDIES

## SEMESTER-IV

## Elective-16

વિષય :- કાયદો અને ગ્રામવિકાસ -૨

(3)

Marks -100

હેતુઓ :- પ્રસ્તુત અભ્યાસક્રમનો હેતુ વિદ્યાર્થી ગ્રામીણ વિકાસમાં કાયદાનું મહત્વ સમજે અને ગ્રામ્ય વિસ્તારમાં આર્થિક ,સામાજિક જીવનને સ્પર્શતા કાયદાઓની જાણકારી મેળવે તે છે.

અભ્યાસક્રમ :-

૧. ગ્રામવિકાસના સંદર્ભમાં કાયદાની જાણકારીની જરૂરીયાતો
૨. જમીનને લગતા કાયદા : જમીન મહેસુલના કાયદા, મધ્યસ્થી નાબુદીધારો, ગણોત્તધારો, જમીન ટોચમર્યાદા ધારો, જમીનના ટુકડા અને એકત્રીકરણના ધારાઓ , આદિવાસીઓની જમીનના માલિકીના કાયદાઓ.
૩. ખેતઉત્પાદન બજારોને લગતા કાયદા, ખેત પેદાશ વિકાસના ધારાઓ
૪. સહકારી પ્રવૃત્તિને લગતા કાયદા : ગુજરાત સહકારી મંડળીઓનો કાયદો.
૫. પર્યાવરણ અને જંગલને લગતા કાયદા: જમીન, પાણી,હવા અને જંગલસંપત્તિને લગતા કાયદા
૬. પ્રદૂષણ,નિયંત્રણ સંબંધિત કાયદાકીય જોગવાઈઓ
૭. ગ્રામમજૂરને સ્પર્શતા કાયદા: લઘુતમ વેતન ધારો, રાહત ધારો, બધુઆ મજૂર,નાબુદી ધારો, આંતરરાજ્ય સ્થળાંતરીત મજૂરોનો ધારો, બાળ મજૂરોને લગતા કાયદાઓ, સ્ત્રીમજૂરને લગતા કાયદાઓ.
૮. નબળા અને ગરીબ વર્ગ માટે કાયદાકીય સહાય, લોક અદાલતો અને જાહેરહીતના કાયદાઓ.
૯. ઘરેલુ હિંસાને સંબંધિત બંધારણીય જોગવાઈઓ
૧૦. ગ્રામ્ય બેરોજગારી નાબૂદી માટેની બંધારણીય જોગવાઈઓ

સંદર્ભ ગ્રંથો

- 1.Gujarat Agricultural land ceilings Act -1961
2. INSECTICIDES Act -1968 with Rules 1971
- 3 Water [ Prevention & control of Pollution] Act -1974
4. Children [ Pledging of Labour ] Act -1993
5. Air [ Pledging of control of Pollution ] Act -1981
6. Protection of civil R ights Act -1955 with rules -1977
7. Bonded Labor System [Abolition ] Act -1978
8. Child Labor [Prohibition Regu ] Act -1986
- ૯ . કાયદો અને પર્યાવરણીય સુરક્ષા -ડૉ. બી.એમ.શુક્લ -યુનિ. ગ્રંથનિર્માણ બોર્ડ -અમદાવાદ
૧૦. ભારતીય બંધારણ - દોલતભાઈ નાયક -યુનિ. ગ્રંથનિર્માણ બોર્ડ -અમદાવાદ
૧૧. ગુજરાત રાજ્ય કાનુની સહાય અને - ગુજરાત હાઈકોર્ટ -અમદાવાદ -સમાજકલ્યાણ વિભાગ-સલાહ બોર્ડ

# BACHELORE OF RURAL STUDIES

SEMESTER-IV

Elective-16

Subject: - Indian Economic Problems

(3) Marks -100

Objective:-

To Understand and appreciate the Indian Economic Environment and the Problems with their alternative Policies of the government

## I: Indian Economic Problems

- [a] Under develop economy
- [b] Definition, meaning of under develop economy
- [c] Basic characteristics of under development
- [d] Evaluation of Indian economy as under developed economy

## II: Population

- [a] Demographic transition in India
- [b] Recent demographic trends:
  - Age group composition
  - Sex group composition
  - Literacy rate
  - Density of population
  - Urbanization
- [c] Causes of population explosion in India
- [d] Population explosion and economic development
- [e] Population policy of Govt. of India

## III: Unemployment

- [a] Definition –Meaning-Types of unemployment
  - Educated unemployment –Structural unemployment
  - Disguised unemployment- Cyclical unemployment
  - Frictional unemployment
- [b] Causes of unemployment in India
- [c] Govt. Measures to reduce unemployment in India
- [d] Impacts of unemployment (Social, Economic)
- [e] Human resource planning in India

#### **IV: Inequality**

- [a] Inequality : Meaning and types .
- [b] Globalization & its impact on inequality
- [c] Factors affecting inequality & remedies

#### **V: Poverty in India**

- [a] Meanings of Poverty
- [b] Types of Poverty
- [c] Management of Poverty
- [d] Factors Governing Poverty
- [e] Policy and Actions

#### **Reference:**

1. Devata and Varma - Indian Economic Problems - Sultan Chand and company -2007
2. The Indian Economic Policy Sultanchand & Sons
3. Government of India's Planning Commission ( Indian Five Year Plans)
4. Poverty. Social Capital & Natural Resources Management –Samal KC-Rawat Publicatins-2007
5. Globalization,Poverty and Inequality –Kalplinsky-Rawat –Publications-2007
6. સામાજિક સમસ્યાઓ - ડૉ. હર્ષિદા એચ.દવે- યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ ગુજરાત રાજ્ય ,અમદાવાદ -૨૦૦૦
7. ભારતની સામાજિક સમસ્યાઓ - પ્રો.એ.જી.શાહ, પ્રો.જે.કે.દવે , અનડા પ્રકાશન -૨૦૦૬-૨૦૦૭
8. ભારતમાં ગરીબી -પ્રો.રોહિત શુક્લ - યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ ગુજરાત અમદાવાદ-૨૦૦૮
9. ભારતની આર્થિક સમસ્યાઓ -૧,૨ ( બીજી આવૃત્તિ) -ડૉ .વી.એચ.જોશી - યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ ,ગુજરાત રાજ્ય -૨૦૦૮
10. વસ્તી અને પર્યાવરણ -ડૉ. ગુણવંત ઓઝા - યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ ગુજરાત રાજ્ય -૨૦૦૦
11. ભારતની વસ્તી : એક વિશ્લેષણાત્મક અભ્યાસ - ડૉ. બી.એચ.જાની- યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ,ગુજરાત રાજ્ય -૨૦૦૮
12. એશિયાઈ રંગમંચ - રાષ્ટ્રોની ગરીબી અંગેનું એક અન્વેષણ - પ્રો.કે.વી.ઓઝા (અનુવાદ) - યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ ગુજરાત રાજ્ય -૨૦૦૦

# BACHELOR OF RURAL STUDIES

**SEMESTER-IV**

**Elective-16**

**Subject: - GENDER AND DEVELOPMENT**

**(3) Marks -100**

## **Objectives**

- o To give awareness about reciprocal relationship between women & men in society
- o To create awareness about the magnitude of gender disparities in the present context
- o To understand key concepts, issues in gender and development

## **1 Gender**

Definition and related concepts : Sex and Gender, Gender Stereotypes, Gender statistics, Gender Bias, Feminism, Women Empowerment, Women Studies

## **2 Status & Role of women**

Women & Family, Women & Religion, Women & Education, Women & Economy, Women & Media, Women & Environment, Women & Health Changing role & status of women in India & Gujarat .

## **3 Gender issues**

problems of destitute, widows, Lecture Group & legislation for women Unwed mothers, single women, girl child, working women. Domestic violence, dowry death, sexual exploitation, female infanticide Legislation to protect the interests of women. National & State Commission for Women.

## **4 Women & Gujarat**

Women & Gujarat model of development- Implications for women in family, education, employment, economy, politics, and environment, Impact of Globalization on women

## **5 Programmes for the development of women**

Programmes of Central & State Governments. Role of NGOs in the empowerment of women

## **Reference Books :**

1. Women & Society : G.Vijayaswari Rao
2. Gender Studies : Anne Cranny Francis ,Vendy, waring Pan Stavropoulos
3. Women & Indian Society Andal N
4. Social Status of Women in India : Maya Majundar
5. Indian Women through the ages S.K. Gosh
6. Women in a Developing Society Usha Rao
7. Women & The Law : Srivastav T.N.