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PATNA UNIVERSITY


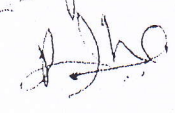
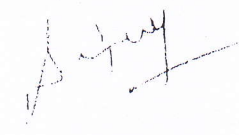




DEPARTMENT OF RURAL STUDIES
(RURAL MANAGEMENT AND DEVELOPMENT)

COURSES OF STUDIES

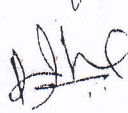
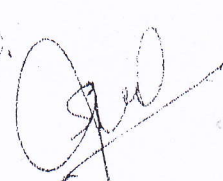
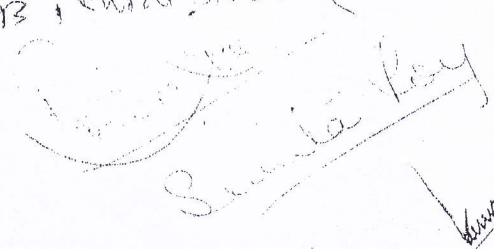

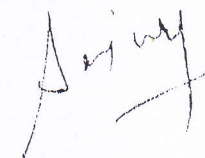
(Approved by the Board of Courses & Studies on 17.10.2015)

A meeting of the Board of courses of stud
 was held today, i.e. on Saturday, October 17, 2015
 at 12.00 noon in the Department of Personnel
 Management & Industrial Relations, Patna University

Following members were present:

- | | | |
|---|--------------------|---|
| 1. Dr. Sharad Prasad
H.C.D., PMIR, P.U. | Internal
Expert |  |
| 2. Prof. Prabhakar Jha
Professor & former Head
PMIR, P.U. | " |  |
| 3. Dr. Sanjay Paswan
Associate Professor, PMIR, PU | " |  |
| 4. Dr. Shweta Ray
Asst. Professor, PMIR, PU | " |  |
| 5. Dr. Girind Kumar
Asst. Professor, PMIR, PU | " |  |
| 6. Dr. Kamechwar Pandit
Asst. Professor, PMIR, P.U. | " |  |
| 7. Dr. Rabintra Kumar
Professor & former Head
Dept. of I.R. PM
T.M. Bhagalpur University | External Expert |  |

The members of the Board thoroughly
 discussed the syllabus and finally prepared a revised
 courses of studies and syllabus of M.A. PMIR of all 4
 four semesters, Rural Studies (All Semesters) and I.S.M. (All Semes

Office of the Dean
Faculty of Social Sciences, Patna University

Notification

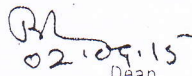
As per the provisions laid down in Sec. 27 of the Patna University Act, 1976 (Attended up to date) and the statutes relating to the formation of Board of Courses and Studies, the Board of Courses and Studies in the Faculty of Social Sciences was constituted in the meeting of the Social Sciences held on 2nd September 2015 as hereunder:-

- | | | |
|----|---|-------------------------|
| 1. | Dr. Sharad Prawal
Head, Department of PMIR
Patna University, Patna | Chairman-ex-officio |
| 2. | Prof. Prabhakar Jha
Professor
Department of PMIR
Patna University, Patna | Member |
| 3. | Dr. Sanjay Paswan
Associate Professor
Department of PMIR
Patna University, Patna | Member |
| 4. | Dr. Sunita Roy
Assistant Professor
Department of PMIR
Patna University, Patna | Member |
| 5. | Dr. Govind Kumar
Assistant Professor
Department of PMIR
Patna University, Patna | Member |
| 6. | Dr. Kameshwar Pandit
Assistant Professor
Department of PMIR
Patna University, Patna | Member |
| 7. | Dr. Bishwambhar Jha
Professor and Former Dean
Faculty of Commerce
Banaras Hindu University
Varanasi | Member, External Expert |
| 8. | Dr. Rabindra Kumar
Professor, IRPM
T.M. Bhagalpur University
Bhagalpur | Member, External Expert |


The Board of Courses of Studies will take necessary steps as per the provisions of the relevant sections of the Act and Statutes.

Memo No.

Dean/01/2015


02.09.15
Dean
Faculty of Social Sciences
Patna University
Dated

Copy forwarded to (1) The Head, Dept. of Applied Eco. & Commerce Patna University, Patna (2) All the members mentioned above, (3) The Principal, Vanijya Mahavidyalaya, P.U., (4) The Secretary to the Vice-Chancellor, Patna University, (5) The P.A. to the Pro-Vice-Chancellor, Patna University, Patna, (6) The S.O. Academic Section of information and necessary action.


02.09.15
Dean
Faculty of Social Sciences
Patna University
Dated

Rural Studies (Rural Management & Development)
Department of PMIR
Patna University, Patna

SEMESTER - I

1 Code	2 Course Component	3 Name of the Course	4 Credit	5 C.I.A.	6 End Semester Exam	7 Total Marks
				Marks		
RS-M-101	Core	Indian Rural Society & Rural Administration	5	30	70	100
RS-M-102	Core	Rural Economics	5	30	70	100
RS-M-103	Core	Rural Marketing	5	30	70	100
RS-M-104	Core	Management Principles and Techniques	5	30	70	100

SEMESTER - II

1 Code	2 Course Component	3 Name of the Course	4 Credit	5 C.I.A.	6 End Semester Exam	7 Total Marks
				Marks		
RS-M-201	Core	Rural Development Economics and Rural Development Programmes	5	30	70	100
RS-M-202	Core	Rural Welfare	5	30	70	100
RS-M-203	Core	Rural Accounting and Banking System	5	30	70	100
RS-M-204	Core	Rural Technology & Production System	5	30	70	100

SEMESTER - III

1 Code	2 Course Component	3 Name of the Course	4 Credit	5 C.I.A.	6 End Semester Exam	7 Total Marks
				Marks		
RS-M-301	Core	Management of Land and Water Resources	5	30	70	100
RS-M-302	Core	Management of Rural Co-operatives	5	30	70	100
RS-M-303	Core	Human Resources Management	5	30	70	100
RS-M-304	Core	Rural Entrepreneurship	5	30	70	100

SEMESTER - IV

Elective-I : Rural Communication & Information System

Elective-II : Project Management

Elective-III : Community Forestry

Elective-IV : Non-Formal & Adult Education

1 Code	2 Course Component	3 Name of the Course	4 Credit	5 C.I.A.	6 End Semester Exam	7 Total Marks
					Marks	
RS-M-401	Core	Computer Application	5	30	70(Th-50 Pract.-20)	100
RS-M-402	Elective	I, II, III, IV	5	30	70	100
RS-M-403	Core	Rural Camps & Dissertation (Based on field work/Rural Camp)	5	30	70	100
RS-M-404	Core	VIVA VOCE (Based on dissertation and theoretical aspects of various papers)	5	30	70	100

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Signature 2: *[Handwritten signature]*

Signature 3: *[Handwritten signature]*

Signature 4: *[Handwritten signature]*

**Master's Degree Course in Rural Studies
(Rural Management & Development)**

SEMESTER-I

PAPER – 101 : INDIAN RURAL SOCIETY & RURAL ADMINISTRATION

- Unit (1) **Rural Society** - Its basic features, rural stratification, values and value system, rural-urban differences
Rural Social structure - Physical, social, cultural, regional, ideology and economic structures.
- Unit (2) **Rural Power Structure** - Caste hierarchy, Landlord-labour relationship, Money lender, social power group and their roles.
Caste in Rural Society
Tribes & their problems
- Unit (3) **Factors of Rural Change in India** – (a) technology - innovation, (b) demographic, (c) democratic polity
Movements and Unrest - Bhoodan and Gramdan Movements, Rural unrest, Rural Violence
- Unit (4) **Rural Administration** – Concept & Scope, Administrative structure, State - District - Block, Block Panchayat relationship.
- Unit (5) **Panchyati Raj** - A brief history existing legal framework, working and problems.
Gram Panchayat and Panchayat Samities - Power, functions, elections, working problems.
Zila Parishad - Structure, Powers, function, working and problems.

BOOKS RECOMMENDED :

1. S.L. Doshi & P.C. Jain : Rural Sociology. Rawal Publications Jaipur & New Delhi.
2. Wandy Kay Olsen : Rural Indian Social Relations, Oxford University Press Bombay.
3. A. R. Desal : Rural Sociology and India, Popular Prakashan Bombay.
4. M. N. Srinivas : Social Change in Modern India, Orient Logman, New Delhi.
5. P. C. Dib : Rural Sociology – An Introduction, Kalyan Publishers, Delhi.
6. Soran Singh : Scheduled Castes and India, Dimensions of Social Change, Jian Publication House, Delhi.
7. Budhadb Choudhary : Tribal Development in India, Inter-India Publications, New Delhi.



PAPER - 102 : RURAL ECONOMICS

- Unit (1) **Fundamentals of Rural Economics** -- Rural Economics - Its Nature, scope and importance.
Rural population – Size, birth and death rates, causes and socio-economic implications of rapid growth in rural population, occupational structure, Analysis of rural labour force, participation of women in rural labour force.
- Unit (2) **Indian Agriculture :**
(a) Indian agriculture – Importance, agricultural production and productivity, agricultural backwardness, causes and consequences, modernization of agriculture, green revolution, farm management and technology of farming, co-operative farming, minor irrigation - Problems of Agriculture in Bihar.
(b) Land tenure systems and land reforms – Tenancy laws, land ceiling and consolidation of holdings, land-ceiling laws, distribution of surplus land among the rural poor, bataidari, problems of land alienation in the tribal areas.
(c) Social forestry – importance, features, progress and problems..
- Unit (3) **Rural Poverty and Economic Inequality** - Rural poverty, extent, types, causes and consequences, remedies with special reference to Bihar.
- Unit (4) **Rural unemployment** – extent, types, causes and remedies. Problem of Rural Labour Migration in Bihar.
- Unit (5) **Labour Legislations in Rural Areas -**
(a) Problem of rural labour – laws relating to rural labour – Minimum Wages Act, 1948, and Bonded Labour Abolition Act, 1976.
(b) Child labour in rural areas of Bihar and other States Child Labour (Prohibition and Regulation) Act, 1986.
(c) Social Security Act for the workers in the unorganised sector.

BOOKS RECOMMENDED :

1. S.S.M. Desai : Fundamentals of Rural Economics, Himalaya Publishing House, Mumbai.
2. K.N. Prasad : Dimensions of Development. Vol I, II, III & IV, Concept Publishing Company, New Delhi.
3. N.N. Ganguli : Problems of Rural India, Mittal Publications Delhi
4. P.C. Joshi : Organising Unorganised Labour Oxford and IBH Publishing Co. New Delhi.
5. A.M. Khusro : The Economics of Land Reform and Farm Size in India, MacMillan, Mumbai.
6. T.M. Dak : Rural industrialization : Challenges and

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- Perspectives, Northern Book Centre, New Delhi.
7. Buta Singh : Problems and Prospects of Agriculture in India, Indian Council of Agriculture Research, New Delhi.
 8. S.R. Bose & P.P. Ghosh : Agro-Economic Survey of Bihar, Himalaya Publishing House, Patna.
 9. Poonam Thapa : Nepal – Socio – Economic Change and Rural Migration, Vikas Publishing House Pvt. Ltd. Delhi
 10. Kamal Taori & Surendra Singh : Rural Industrialisation, Vikas Publishing House, Delhi.
 11. P.R.N. Sinha & Indu Bala : Shram Evam Samaj Kalyan
 12. P.R.N. Sinha & Indu Bala : Labour Economics (Hindi)

PAPER - 103: RURAL MARKETING

- Unit (1) **Rural Marketing** – Concept and Issues related to rural marketing. Traditional Marketing System in Rural Areas. Defects of rural marketing. Modern Marketing system in rural Areas, Characteristics of modern marketing system, Marketing channels, Price spread and the impact on producer and consumer, Rural Marketing Information System. Promotion technique in rural areas.
- Unit (2) **Agricultural Marketing** – Function, Agencies. Government Regulating Programme, Standardisation and grading for interest trade & exports
- Unit (3) **Steps taken by Government to improve the marketing system** – Legislative measures - Procurement & Levy, Different agencies /institutions stated by the Government, outcome, defects and remedies. Consumer Protection.
- Unit (4) **Storage** – Traditional storage system in India and in Bihar and their defects, Need for modern cold storage & godown, Advantage of cold storage, Regulation of cold storage and godown.
- Unit (5) **Rural Market** –Meaning, Importance & Issues Rural Market. Types of Rural Market, Promotion Technique - Rural Specific Media. Environment Analysis of Rural Market. Marketing Research.

BOOKS RECOMMENDED :

1. Richard L & Downey Kohls : Agricultural Marketing. The MacMillan Co. New York.
2. Anjila Saxena, Saminddin Harsh : Rural Marketing. Thrust and Challenges Dwivedi & M. Rahman National Publishing House, New Delhi.
3. Philp Kotler : Principles of Marketing Management Prentice Hall of India (Pvt.) Ltd.
4. S. Rustom Dawar : Modern Marketing Management in Indian Context Crown Publishing House, Bombay.
5. Raj Gopal : Rural Marketing Management, Discovery

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6. Kuchi Sayuhu : Publishing House, New Delhi.
Rural Marketing in India. Annual
Publication Pvt. Ltd., New Delhi.
7. A.S. Ganguli : The Growing Rural Market in India.
Hindustan Lever Ltd., Bombay.

PAPER – 104 : MANAGEMENT PRINCIPLES & TECHNIQUE

- Unit (1) **Introduction** - Meaning, Purpose and Importance of Management; Management - Science or Art ; Functions, Roles and Skills of Managers; Management Process; Approaches to Management; Enterprise functions; Management and External Environment; Social Responsibility.
- Unit (2) **Decision Making** - Decision and Decision making; Rational Decision Making - degree of rationality; steps in decision making; Group Decision Making.
- Unit (3) **Planning** - Plan and Planning ; Types of plan: Planning Process - Planning premises; Management by objectives (M.B.O.); Planning techniques - Budgeting, Benchmarking; Scheduling, forecasting, Break even analysis, scenario planning.
- Unit (4) **Organising** - Meaning; organizational structure and chart; Tall and flat structures; span of management - meaning and determinants; Delegation of authority - meaning, process, principles: Responsibility: centralization/decentralization of authority; Departmentation.
- Unit (5) **Controlling** - Meaning, Purpose and Process of control: Types of control; control Techniques - Budgeting, Financial control, Balanced score card. Benchmarking, Management Information System, Network analysis.

BOOKS RECOMMENDED :

1. B.S. Bhatia : Management of Rural Development Deep and Deep Publishers, New Delhi.
2. A.K. Desai : Management in Rural Development. Oxford and IBH Publishing Co., New Delhi.
3. Lata Parmod Jain : Co-operative Credit in Rural India, Mittal Publications, New Delhi.
4. Indian Institute of Public Administration : Management of Agriculture Administration, New Delhi
5. Chamanlal Kshyap : Management and Planning of Rural Development, Ashish Publishing House, New Delhi.
6. S.N. Mishra : Rural Development Planning : Design and Method, Satvahan Publications, New Delhi.
7. Koortz O'Donnell etc. : Management, McGraw Hill International Book Company.

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SEMESTER-II

PAPER – 201 - RURAL DEVELOPMENT ECONOMICS & RURAL DEVELOPMENT PROGRAMMES

- Unit (1) **Meaning and definition** - Meaning and definition of Rural developed in case of under developed or developing economies.
Factors essential for rural development.
Problems associated with rural development in a predominantly rural subsistence economy.
- Unit (2) **Rural Planning** – nature and scope, objectives, need and importance in the context of different patterns of economic development i.e., capitalist, socialist and mixed economy.
Rural development in India's five year plans – objectives, strategies and changes in priorities.
- Unit (3) **Specific Rural Development Schemes :**
(a) Community Development – Historical perspective objectives, essential elements, growth administration, achievements and shortcomings.
(b) NRLM (National Rural Livelihood Mission) – Objectives, coverage, financial allocation, identification of beneficiaries, project – formulation, monitoring and evaluation, co-ordination with banks, subsidies people's participation, SHG (Self Help Group).
(c) MNREGS (Mahatma Gandhi National Rural Employment Gurantee Scheme) –Objectives coverage, funds, agencies for rural works, payment of wages, supervision and monitoring involvement of people's representatives.
- Unit (4) **Minimum Needs Programme** – Objectives coverage, targets achievements.
Other programme of rural development e.g. DDP, DPAP.
Rural Development under 20-point socio-economic programme.
- Unit (5) Development and adoption of appropriate rural technology in the areas of (a) power (b) fuel and housing.
Development of Non-Conventional Energy – Concept, need, sources, measures to develop such sources of energy of rural areas.

BOOKS RECOMMENDED :

1. P.B.S. Bhadauria & S.C. Dua : Rural Development Strategy and Perspective
Ammol Publications, New Delhi.
2. R.C. Arora : Integrated Rural Development, S. Chand &
Co., New Delhi.
3. Vasant Desai : Rural Development (Five Volumes),
Himalya Publishing House, Mumbai.
4. S. Jain : Rural Development Institutions &
Strategies, Rawat Publications, Jaipur.

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5. C.M. Jain & T. Cangan : Forty-years of Rural Development in India. Print Well, Jaipur.
6. M.Ashok Kumar : Rural Development in India, Inter India Publications, New Delhi.
7. S.R. Maheshwari : Rural Development in India : A Public Policy Approach, Sage Publications Delhi.
8. Govt. of India : Report of the National Commission on Agriculture (1976) – Ministry of Agriculture and Irrigation, New Delhi.
9. P.R.N. Sinha & Indu Bala : Shram Evam Samaj Kalyan

PAPER – 202 : RURAL WELFARE

- Unit (1) **Concept of Rural Welfare** – Importance, need in India, various approaches.
Fields of rural welfare.
- Unit (2) **Child Welfare** – Meaning, need, objectives, child welfare services in rural settings, progress of child welfare work in the post –independence India. Problems of various categories of children – Normal children, Physically retarded, Mentally retarded, Orphans, Destitute, Truants, Vagrants, Juvenile delinquents, Children to unmarried mothers.
Agencies operating in the field of child welfare – UNICEF, Central Social Welfare Board
National Policy on Children & International Declaration.
Integrated Child Development Services (ICDS)
Origin of ICDS, Need, Objectives, Coverage. Package of services for children and mothers, Financing of ICDS, Administrative Machinery at different levels, Progress of ICDS in India, Problems in the administration of ICDS
- Unit (3) **Women Welfare** - Position of women in Indian Society – Position of rural women in India and Bihar.
Problems of different categories of women – Household women, Working women, Unmarried women, Mother students
National Policy for Women 2001, Central Social Welfare Board, National Commission for Women.
- Unit (4) **Welfare of Scheduled Castes & Tribes** - Problems, constitutional safeguards, welfare measures, special component plans for S.C. and S.T. under special central assistance, tribals sub-plans progress with special reference to Bihar.
Social Security for rural areas –Old age pension schemes. Security for rural labour.
- Unit (5) **Educational development and other programmes in rural areas** – Primary education adult education, Sarva Siksha Abhiyan non-formal education, literacy programmes for women training facilities.

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Rural Health Measures – National health policy, primary health care, prevention of communicable diseases, administration of health services at district and block levels in Bihar.

Rural housing, sanitation and drinking water, schemes and progress with special reference to Bihar. IAY (Indira Aawas Yojana)

BOOKS RECOMMENDED :

1. N.N. Gangulee : Problems of Rural India Mittal Publications, Delhi.
2. P.R.N. Sinha & Indu Bala : Shram Evam Samaj Kalyan
3. K.N. Prasad : India's Rural Problems, Concept Publishing Co., New Delhi.
4. I. Satya Sundaram : Voluntary Agencies and Rural Development B.R. Publishing Corporation, New Delhi.
5. Hari Mohan Thakur : The Family Welfare Programme in India. Vikas Publishing House (Pvt.) New Delhi.
6. Lala B. Costin/Charles A Rapp : Child Welfare-Policies and Practices McGraw Hill Book Co., New York.
7. P. Dahama : Extension and Rural Welfare. Ram Prasad and Sons, Agra.

PAPER – 203 : RURAL ACCOUNTING AND BANKING SYSTEM

- Unit (1) **A. Basic postulates and Principles of accounting**
Book-keeping journal, ledger, trial balances, trading account, profit and loss account, balance sheet.
- Unit (2) Accounting system of voluntary organization, co-operative society, rural projects, receipts & payments and income and expenditure accounts.
- Unit (3) Financial Management : Definition, objectives, Importance of Financial Management, Accounting as a tool of management
- Unit (4) **Rural Banking-Credit Plans & Structure**
Banks in Rural Development – conceptual understanding of development credit-institutional and non-institutional sources of credit.
Reserve Bank and its changing policies for rural credit –NABARD.
Commercial Banks and Nationalisation-Branch expansion policies, Regional Rural Bank.
- Unit (5) Programmes and schemes for financing rural and agricultural development, procedures, policies, targets and achievements, current policies.
District credit plan-Methodology of planning, operational difficulties credit-deposit ratio, District Consultative Committee.

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BOOKS RECOMMENDED :

1. R.K. Agrawal : Evaluation of the Working of Regional Rural Banks, Mittal Publications, New Delhi.
2. N.C. Mehta and Panandikar : Rural Banking, National Institute of Bank Management Mumbai.
3. V.A. Raj
N. Naidu : Bank Finance for Rural Artisans, Ashish Publishing House, New Delhi.
4. Batlibai : Elementary Book Keeping
5. M.C. Shukla & T.S. Grewal : Advanced Accounts

PAPER – 204 : RURAL TECHNOLOGY & PRODUCTION SYSTEM

Unit (1) **Rural Technology** - Concept of rural technology, Modern industry vis-à-vis appropriate technology, Agricultural implements and machinery- Ploughs, bladed harrows, implements for carrying soil, Levellers and clod crushers, bund formers, seed-sowing devices, inter-cultural implements, Harvesting implements, threshing implements, winnowing fans and winnowers, other important implements, tractors and tractor drawn implements. Care and maintenance of agricultural implements and machinery, Safety precautions in the use of machinery and implements, Bio-gas Production & uses, Harness

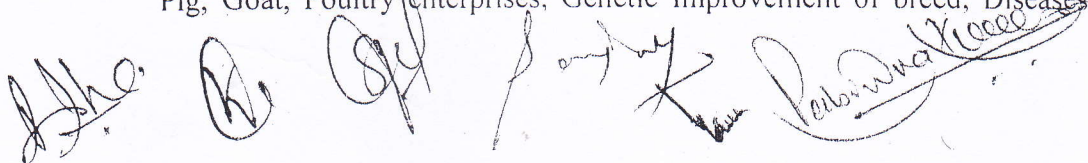
Unit (1) **Rural Environment**
Conceptual aspects of rural environment, Basic features of rural environment, Changes in rural environment, Factors responsible for the changes, Problems of Environment Pollution-Soil Pollution-Water Pollution. Air Pollution with special reference to Bihar, Control measures needed for rural environment, Government Policies & Programmes

Unit (2) **Rural Production System**
Concept of rural production system, Structures, Process, Results, Laws of Returns

Unit (3) **Production of Crops**
Types of crop production, genotypic, phenotypic, ethnic, etc., HYV, Hybrid Variety and Genetically engineered crops., Farm operations and implements, Weeds and their control, Disease and Plant Protection, Food Preservation, Storage. ATMA, SRI-Vidhi Cultivation.

Unit (4) **Cultivation techniques for important crops in Bihar**
Vegetables and their cultivation
Fruit growing orchard establishment, preparation, use of phytohormons.
Cultivation of Medicinal Plants and Importance

Unit (5) **Animal Production**
General principles, Silk worm culture/sericulture, Animal nutrition, Dairy, Pig, Goat, Poultry enterprises, Genetic Improvement of breed, Diseases



and cure, first-aid, Fishery, induced breeding, Bee-keeping, Problems of Animal Production in Bihar

BOOKS RECOMMENDED :

1. Mckin Marriott : Village India, The University of Chicago Press, Chicago, USA
2. C. Mumtamayee : Rural Ecology, Ashish Publishing House, New Delhi
3. D.N. Majumdar : Rural Profiles, The Ethnographic and Folk Culture Society, Lucknow.
4. J.Y. Wang & John Webster : Agriculture and Its Environment : Production and Control, Kendall Hunt Publishing Company Dubuque Iowa USA
Understanding the Dairy Cow, B.S. Professional Books, London.

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PAPER – 301 : MANAGEMENT OF LAND & WATER RESOURCES

- Unit (1) **Principles of Agronomy** – Soil – Soil forming materials, Soil properties – Types, classes, grade, factors affecting structure- physical, chemical and biological composition and properties. Soil testing its importance for rural technology
- Unit (2) **Manures and fertilizers** - Importance of organic matter for soil, manure and compost preparation
Organic farming – components principles and their advantages
Bio-fertilizers & their potential
Organic manure-vermi compost
- Unit (3) **Green manuring**
Use of fertilizers
Dry farming and its techniques
- Unit (4) **Land utilization**
Water-Importance, sources and various usages, water Harvesting
Soil and water conservation and its management factors influencing soil erosion and damages, causes, control of soil erosion.
Low cost techniques for land and water management
- Unit (5) **Farming Process**
Managerial functions in farm activities
Farm budgeting-complete, partial and break-even budget
Farm overheads of fixed costs
Capital in farm business
Allocation of farm resources towards desirable course of action for optimum result
Cases and practical exercise

BOOKS RECOMMENDED

1. A.M. Khusro : The Economics of Land Reform and Farm Size in India. MacMillan, Mumbai
2. S.K.Lamba & J.S. Tomar : Impact of Land Reforms on Rural Development, Agricole Publishing Academy, New Delhi
3. M.C. Chaturvedi : Water Resources System Planning & Management, Tata McGraw Hill Co., New Delhi.
4. L.L. Somani (ed.) : Dryland Agriculture in India, Scientific Publishers, Jodhpur
5. F.B. Wright : Rural Water Supply and Sanitation Wiley Eastern Private Ltd., New Delhi
6. Edward O. Gangstad : Natural Resource Management of Water and

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7. B.S. Bhargava : Land, Van Nostrand Reinhold, New York.
Minor Irrigation Development
Administration, Ashish Publishing House,
New Delhi.
8. S. Giriappa : Water Use Efficiency in Agriculture Oxford
and IBH Publishing Co. Pvt. Ltd., New
Delhi.

PAPER – 302 : MANAGEMENT OF RURAL CO-OPERATIVES

- Unit (1) **Concept of co-operation** - Nature of rural co-operatives, Principles of co-operation, Importance of co-operatives of rural development
- Unit (2) **Evolution of co-operative societies in India**, Position of Rural Co-operatives in Bihar
History and growth Pre-Independence period. Post-Independence period
- Unit (3) **Process of registration of co-operative societies**
Types of co-operatives, By laws & Management of Co-operatives.
- Unit (4) **Management of co-operatives** - Dairy co-operatives, Sugar co-operatives, Housing construction co-operatives, Co-operative farming, Consumers' Co-operative Societies
- Unit (5) **Factors on which the success of a co-operative marketing venture largely depends**
Guidelines for organizing Co-operative marketing ventures. Training and Development of Co-operative Personnel and Co-operative Organizers. Inspections and audit of Co-operative Societies, Guidelines for conducting meetings of Co-operative Societies, Case Studies

BOOKS RECOMMENDED :

1. C.S. Rayudu : Rural Credit in India, Mittal Publications, New Delhi
2. Samiuddin & Mahfuzur Rahman : Co-operative Sector in India S. Chand and Company, New Delhi
3. K.S. Rangappa and K.T. Acharya : Indian Dairy Products, Tata McGraw Hill Publishing Co. Ltd. Mumbai
4. I.L.O. : Co-operative Management and Administration, Geneva
5. S.S. Puri : Ends and Means of Cooperative Development, National Cooperative Union of India
6. A.K. Sah : Professional Management for the Cooperative Vari Educational Books, New Delhi.

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PAPER – 303 : HRM - MANAGEMENT AND ORGANISATIONAL BEHAVIOUR FOR RURAL PERSONNEL

- Unit (1) **Human Resource Planning and Development** - Concept of Management, Concept of Planning - Human Resource Planning - need, importance, process, limitation - concept of Human Resource Development - Dimensions of HRD - Need in Rural Context - Methods for HRD - Quality of a good Rural Manager.
- Unit (2) **Job Analysis** - Meaning, purpose and uses, steps, job description and job specification - concept, steps and significance.
- Unit (3) **Training for Rural Personnel** - Need, purpose, steps, advantage, Rural Trainer as Rural professional, Evaluation of Rural Training programmes.
- Unit (4) **Organisational Behaviour** - Concept, importance, organizing people - group - inter personnel relations, motivation - concept and theories - Maslow, Herzberg and Vroom.
- Unit (5) **Communication** - Concept, types, channels and barriers, need of communication for Rural Personnel, Communication and its impact on functioning of groups and personnel.

BOOKS RECOMMENDED :

1. S.M. Pandey : Rural Labour in India : Problems and Policy Perspective. Sri Ram Centre for Industrial Relations, New Delhi.
 2. Prem Kumar Bhawdeep : Managing Human Resource in Rural Sector, Vikas Publishing House
 3. Parveen K. Jha : Agricultural Labour in India, Vikas Publishing House Pvt. Ltd.
 4. Keith Davis : Human Behaviour at Work Tata McGraw Hill Publishing Co. Ltd.
 5. Pigors & Myers : Personnel Administration
- श्री-ए. शर्मा एवं पी. एम. शर्मा : संगठनात्मक व्यवहार (Organisation & Behaviour), एन. टी. एन. आर. ए.

PAPER – 304 : RURAL ENTREPRENEURSHIP

- Unit (1) **Entrepreneurship** : Concept, need of entrepreneurship
Origin and Development of Entrepreneurship Movement in India
- Unit (2) **Rural Entrepreneurs** : Training & Development. Govt. Agencies promoting entrepreneurship, Programmes & Provisions
Role of DIC, SISI, KVIC, DIC and Financial Institutions
- Unit (3) **EDP** : Identification and Selection of Entrepreneurs
EDP : Training Inputs
EDP : Post-training follow-up

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EDP : Designing EDP for different target groups for different nature of activities

Unit (4)

Self-employment Programme

Training for Self-employment

Government agencies promoting self-employment

Role of Rural workers and para-professionals in promoting self-employment in rural areas.

Unit (5)

Rural industries –

(a) Kinds, their basic features, employment potentialities, role of District Industries Centers, role of Khadi and Village Industries Committees, progress of rural industries and their problems.

(b) Rural industries of Bihar and their problems Village and small industries under five year plans- objectives, targets and achievements

(c) Rural Craft and Artisan

BOOKS RECOMMENDED :

1. Vasant Desai : Dynamics of Entrepreneurial Development and Management, Himalaya Publishing House, Mumbai
2. Brigitte Berger (ed.) : The Culture of Entrepreneurship. Tata McGraw-Hill Publishing Co. Ltd. New Delhi
3. Donald L. Sexton & Other : Entrepreneurship : Creativity and Growth. MacMillan Publishing Co. New York
4. V, Gautam, (ed.) : Technical Entrepreneurship, Content and Parameters, Allied Publishers Ltd. New Delhi.

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SEMESTER-IV

PAPER – 401 : COMPUTER SYSTEM AND COMPUTER APPLICATION

Unit (I) Computer Fundamental

Introduction to Computer, Generation of Computers, Major Component of Computer, Input/Output devices, Classification of Memory, Computer Arithmetics Codes (Conversion), 1's & 2's Complements, Classification of Computer According to their Sizes, Type of Computer. Software and Hardware, Application & System Software, Operating System, Compiler. Type of processing –Batch, Real time & On line processing, Compiler, High Level Language, Low level language, Assembly Language, Compiler, interpreter, Assembler, Multiuser, Multitasking. Multiprogramming & Multiprocessing Command & Program.

Unit (II) Data Base System

Introduction to Data and Information, Data, Field, Record and Files. Purpose of Data Base Management System – Entity Model Relationship Model, Relationship Sets, Attribute, Triple data value and data elements. Data Model – Relational Model, Hirrancaal Model & Network Model. File Organisation – Sequential File, Random Access File, Index Sequential File.

Unit (III) Introduction to Information Technology (Networking & Internet)

Introduction to Networking, Advantages of Networking, LAN, MAN, WAN, Topology – Bus, Star, Ring, Hybrid. ATM, EFT & ECS, EDI. Internet and its application. Internet Operation, HTTP, WWW, TCP/IP, EFT, Routers, URL, Gopher, ISP, Modem, Telnet. DNS, Client/server, Web server, Web Browsers, Gateway, HTML, Firewall. Uploading & Downloading, Concept of Cloud Computing.

Unit (IV) Introduction to Operative System

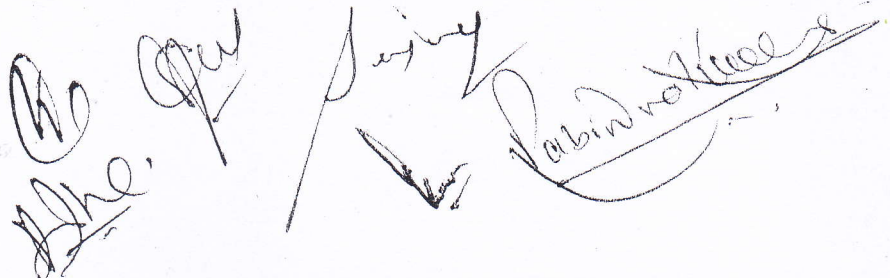
MS DOS with Internal and External Commands and series of Window Operating System.

Unit (V) Introduction to MS-Office :

- MS- Word
- MS-Excel
- MS-Power Point

Practical

1. MS DOS (Internal Command)
2. MS-Office (MS Word, Excel, Power Point)
3. Internet Operation



BOOK – RECOMMENDED

- | | | | |
|----|---|---|---|
| 1. | Computer Fundamental & Organization | - | Dr. B. Ram
BCE, Patna |
| 2. | Computer Fundamental | - | V.K. Jain |
| 3. | Fundamental of Computer & Information
Technology | - | Dr. C.P. Gupta
Lakshmi Narayan Agrawal, Agra |
| 4. | Introduction to Information Technology | - | ITLES- Pearson Publication |
| 5. | MIS | - | C.S.V. Murthy |
| 6. | Data base System | - | B.C. Desai |
| 7. | SAD | - | E.Award |
| 8. | MS-DOS | - | Russell A Stultz (6.22) |
| 9. | MS-Office | - | 2000 BPB |

PAPER – 402 : Any one of the following four electives is to be selected

Elective-I

RURAL COMMUNICATION & INFORMATION SYSTEM

- Unit (1) Concept of Rural Communication and its main features
Rural communication and its application in Rural Development
- Unit (2) Communication process in Rural Society-Channels
Existing formal communication system
- Unit (3) Informal communication among rural people
Tools of Rural communication and its application
Mass media and rural poor
- Unit (4) Present role of mass media in existing society
Role of Rural Development worker as an effective communicator
- Unit (5) Case studies
Rural extension-background & history Extension & FTED
T & V system, different programmes for mass communication in rural
areas

BOOKS RECOMMENDED :

- | | | | |
|----|-------------------------------------|---|---|
| 1. | S. Srinivasan (ed.) | : | Information Technology and Management,
Allied Publishers, New Delhi. |
| 2. | Kenneth A. Kozar | : | Humanized Information Systems : Analysis
and Design, McGraw Hill International
Edition New York |
| 3. | P. Sadanandan & R Chandra
Sekhar | : | Information Technology for Development
Tata McGraw Hill Publishing Co. Ltd. New
Delhi. |

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4. A.G. Murdick & J.E. Ross : Information System for Modern Management, Prentice Hall of India, New Delhi.
5. D.K. Berlo : The process of Communication – An Introduction to Theory and Practice, Henry Holt & Co., New York.

Elective – II

PROJECT PLANNING, MONITORING & EVALUATION

- Unit (1) Project - Meaning, characteristics, types, Relations among Policy goals, Programmes, Project life-cycle; Need for project based approach to rural development, elements in rural projects, concept of integrated rural Development, growth centre and centre place theories.
- Unit (2) Pre-implementation Planning - Identification of specific and general problems - identification of needs and resource - goals and objectives. fixation and putting them in logical framework. project formation and report writing and budgetary.
Implementation on planning : Meaning, Elements & its screening, Time-cost trade - off & need for flexibility. Scheduling & controlling graphical and network techniques. Bar, PERT & CPM.
- Unit (3) Project Appraisal - Concept, Importance - different kinds of appraisal studies, Method of project appraisal - undiscounted and discounted methods.
- Unit (4) Project Monitoring - Concept, Kinds of issues monitored, monitoring as an inbuilt system in a project. Designing monitoring system of rural projects. Project Evaluation : Meaning, Method and indicators of evaluation.
- Unit (5) Uses of Statistics for Project Planning, Evaluation and Report writing - with reference to Average, dispersion and methods of data collection.

BOOKS RECOMMENDED :

1. Billey E. Goetz : Project Planning and Control. Mc-Graw Hill Inc.
2. Bhavesh M. Patel : Project Management : Strategic Financial Planning, Evaluation and Control, Vikas Publishing House Pvt. Ltd., New Delhi.
3. M.G. Korgaonkar : Project Management : A Survey of Current Practices and Implications, Vikas Publishing House Pvt. Ltd.
4. P. Chandra : Project Preparation Appraisal Implementation Tata McGraw Hill

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5. David I. Cleland & R. William King : Publishing Co. Ltd.
System Analysis and Project Management,
McGraw Hill Inc, New York
6. Food & Agricultural : Monitoring System for Agricultural & Rural
Development Projects.

Elective – III

COMMUNITY FORESTRY

- Unit (1) Forestry : Its importance in the national economy contribution to the Gross National Product.
Trees : Important species of trees found in India
Forests : Bushes, grasses, tassar, sissal, lac. Etc.
- Unit (2) The Forestry Delivery System : National Forestry Policy. The Forest Department, Central and State Levels, is set up and functioning, special agencies, Forest Development Corporation. Lac Research institute Tasar Research Institute etc.
Forest Land. Forest Laws and Regulations : Reserved and protected forests, community forestry forest laws, rights and duties of government and of the people social forestry.
- Unit (3) Management of Forest Resources : Planning of trees, care, protection, harvesting and marketing of major and minor forest produce.
Difference between general forest and social forest and community forestry.
- Unit (4) Forest Policies in Five Year Plans : its objectives which also lead to start social forestry.
Basic ideas of community forestry, Agro-silviculture, Agro forestry
- Unit (5) Involvement of people
Launching and management of community forestry programme

BOOKS RECOMMENDED :

1. P.K. Sarma : Forest Resources and their Utilisation in India. Himalaya Publishing House, Mumbai
2. Joan Davidson & Richard L. Loy : Conservation and agricultural, John Wiley & Sons Ltd. Chichester
3. Herman L Boschken : Land Use Conflict, Organisational Design and Resources Management, University of Illinois Press Chicago
4. B. McManus Collins & Fred M. White : Elementary Forestry, Reston Publishing Co. Virginia
5. C. Mumtamayee : Rural Ecology, Ashish Publishing House, New Delhi.

Alka No *Paul* *Sy* *Rabinho Kooles*

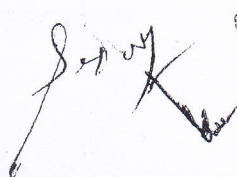
Elective – IV

NON-FORMAL & ADULT EDUCATION

- Unit (1) Concept of Education : Formal & Informal education, Need for informal education centers.
The background for Adult Education – A world of illiterates, lack of educational facilities and corresponding backwardness.
- Unit (2) Concept of Adult Education & Community Development : Introduction, definition different terminology, adult education as a tool of social change scope of adult education, types of adult education, the role of non-formal education in community development.
History of Adult Education – Pre independence and post-independence efforts in India, Adult education since 1981 and latest developments, Progress in Bihar.
- Unit (3) Organisation and Administration of Adult Education : Principles of organization and Adult Education Programme, Adult education administration : Administrative structure, Linking adult education with development activities, role of the adult education administrator.
The Adult Learner and Adult Learning Social and Psychological characteristics of adult learning application of learning principles in the practice of adult learning Techniques of teaching adults.
- Unit (4) Curriculum Development in Adult Education-Meaning definitions, content, curriculum development and improvement, stages, planning & evaluation models.
Monitoring & Evaluation of Adult Education Programme : Monitoring, Meaning, definition, process, Evaluation : Meaning, definition, types of methodology, sel-evaluation model, evaluation models
- Unit (5) Post-literacy & follow-up of Adult Education Programme – Concept types methodology, its application in adult education, models.

BOOKS RECOMMENDED :

1. S.V. Supa : An Introduction to Extension Education, Oxford and IBH Publishing Co. Pvt. Ltd. New Delhi.
2. R.E. Kieffegr & L.W. Cochran : Manual of Audio-Visual Technique Prentice Hall Inc.
3. Manjuika & S. Venugopal Reddy : Distance Education in India, Associated Business Corporation Dhaka, Bangladesh
4. UNESCO : Education in Rural Environment UNESCO Paris
5. Sudha Rao : Education and Rural Development Sage Publication, New Delhi.
6. A.S. Seetharamu : Planning and Management of Education..



PAPER – 403 : RURAL CAMPS AND DISSERTATION

Students undergoing Master's Degree in Rural Studies (Rural Management and Development) Course will have to attend a few rural camps, which will organized by the department from time to time.

The examinees will also be allotted a particular topic relating to Rural Management and Development on which they will make an in-depth study based on survey and empirical research. After completion of the study they will submit a report (dissertation) which will be examined by external examiners. This report will carry 100 Marks.

PAPER – 404 : VIVA-VOCE EXAMINATION

Examinees of Part-II will have to undergo a comprehensive viva-voce examination which will be organize by the department through external examiners. The viva-voce test will carry 100 marks and will be held after a student has complied with all the requirements of the course mentioned above. While the viva-voce examination will be a comprehensive one special emphasis will be placed on the subject of the field-work.

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29.10.2015
29.10.15