CONTENTS

Preface to the Second Edition Foreword Preface to the First Edition	iil v vii
PART I CONCEPT AND TYPES OF EDUCATION	
1. Concept and Types of Education	3
What is Education? 3; Behaviour, 4; The Need of Education, 4; Types of Education, 5; Formal Education, 6; Non-formal, 6; Extension Education, 6	
2. Non-formal Education	7
For Whom is it Intended? 8; For Whom First? 8; Where, When, How and for How Long? 8; What is its Content? 8; What are the Learning Processes? 9; Where Does it Lead to? 9; Main Schemes of Nonformal Education, 10; Non-formal Education for Non-school-Going-Children in the Age Group 6-14, 10; Non-formal Education Programme for Young People in the Age Group 15-25, 12; Functional Development Programme Linked with Development Schemes, 15	
3. Extension Education	19
Concepts of Extension Education, 19; Philosophy of Extension Education, 21; Principles of Extension Education, 23; Extension Education—A Developed Discipline, 27; Conditions Fostering the Rise of the Discipline, 29; Aims of Extension Education Discipline, 30; Professional Growth of the Discipline, 31; Extension Education and its Relationship with Other Social Sciences, 33; Extension Education—An Applied Behavioural Sciences, 33; Relationship with other Social Sciences, 34; Symbiosis with other Social Disciplines and Practices, 35; Sources and Contribution from Various Disciplines, 36; Conclusion, 37	

Extension Activities in India—Early Attempts, 38; Attempts in the Pre-British Period, 38; Efforts by British Government, 38; Work at Shantiniketan, 39; Gurgaon Experiment, 39; Servants of India Society, Poona, 39; Sir Daniel Hamilton's Scheme for Rural Reconstruction, 40; Rural Reconstruction Work by Christian Missions, 40; Marthandam. 40: Gandhian Constructive Programme, 41: Etawah Pilot Project, 42; Andhra Sewa Sangh, Pohri (Gwalior), 43; I.V.S. (Indian Village Service), 43; Sarvodaya Programme, 43; Firka Development Scheme of Madras State, 43; Nibkheri Experiment, 44; Extension Need of Intensive Efforts at National Level, 45; The Programme Was Not New, 45; Organisation upto 1958, 45; Organisation between 1958-65. 46: Intensive Agricultural District Programme, 46: I.A.D.P. versus General Community Development, 47; A Case Study of Raipur I.A.D.P., 48; Extension in Madhya Pradesh—A Case Study, 49; State Agriculture Department and Cattle Improvement, 52; Extension Service by Jawaharlal Nehru Agricultural University, Jabalpur, 52: Extension Abroad, 56; U.S.A., 56; Cooperative Extension Service, 57: Organisation of Extension Work, 57; Organisation Set-up, 60: Israel. 64: Training and Guidance in New Settlements, 64: Working of the Publications Division, 65; Audio-Visual Aid Section, 66; Auxiliary Farms, 66; Taiwan, 68; J.C.R.R., 69; Natural Resources of Taiwan. 69: Multiple Cropping, 69; China, 70; History of Extension, 70; Efforts by Colleges and Universities, 70; National Extension Service, 70: The Peoples Republic of China, 71; Japan, 71; History, 71; Philippines. 73; Republic of Korea, 73; Nepal, 74; Planning, 74; Burma, 74; Cevlon, 75; Pakistan, 75; Aid and Objectives of V-AID, 76; Argentina, 76; Jamica, 78; Greece, 79

5. Role of Teacher, Subject-Matter Specialist and Extension Worker

Role of Teachers of Agricultural Universities, 80; Role Expectations/ Role Performance Instrument for Teachers of Agricultural Universities, 81; Attributes of a Good Teacher, 82; Role of Subject-Matter Specialist, 84; Training Needs, 85; Problems of Subject-Matter Specialists, 86; Role of Extension Worker, 88; Qualities of an Extension Worker, 90; The Extension Worker as a Communicator, 92

6. Role of Extension Education in Development

Development Aspects of Extension, 96; Agricultural Extension, 96; Home Science Extension, 97; Uniqueness of the Extension Programme in India, 99; Objectives Behind Extension Education Programme, 99; Broad Objectives, 99; Specific Objectives, 100; Financing, 100; Extension as a Programme and Process, 100; Field Covered by Extension,

80

95

CONTENTS xi

101; Characteristics of Extension, 102; Role of Agricultural Extension in Developing Countries, 102

PART II EDUCATIONAL PSYCHOLOGY AS APPLIED TO DEVELOPMENT

7. Educational Psychology: Concept and History

107

Concept of Psychology, 107; Branches of Psychology, 109; Education and Educational Psychology, 111; General Psychology and Educational Psychology, 111; Historical Development, 112; Nature of Psychology, 113; Methods of Getting Information in Psychology, 113; Scope of Psychology, 114; Educational Psychology as Applied to Education, 115; Objectives and Contributions of Psychology, 116; Aims of Educational Psychology, 117

8. Intelligence

119

Nature of Intelligence, 120; Factors Affecting Intelligence, 121; Measurement of Intelligence, 124; Characteristics of a Good Measuring Instrument, 124; Classification of Psychological Tests, 124; Intelligence Tests, 124: Aptitudes Testing, 127

9. Emotions

129

What is Emotion? 129; Instinct, 130; Theories of Emotions, 130; Physiological Changes During Emotional States, 132; Expression of Emotions, 132; Emotional Control, 132; Training in Emotional Control, 133; Dealing with Children, 133; Emotional Adjustments in Adults, 134; Emotional Problems of Old Age, 135; A Few Roles for Emotional Control, 135; Importance of the Study in Extension Education, 135

10. Motivation

137

Needs which Motivate, 137; Organic Needs or Appetites, 137; Wants, 138; Emotions as Motives, 138; Feelings and Attitudes as Motives, 138; Social Motives, 138; Problems of Adjustment, 139; Types of Adjustment, 139; Common Methods of Adjustment, 139; Influencing Other People, 141; Suggestion, 141; Conditions, 141; Techniques of Influencing Others, 142; Effective Speaking, 143; Motivation in Extension, 143; Importance in Extension, 143; Drives, 144; Value Aspects of Motivation, 144, Motivating the Village People, 145; Award and Their Effects in Motivating People in Extension Work, 145; Basic Elements We Need to Know to Motivate the Villagers, 146; Motivating Extension Workers, 147; Research in Motivation, 147; Techniques of Motivation, 148

xii CONTENTS

11. Principles of Teaching and Learning

Learning, 150; The Learning Process, 150; The Learning Experiences, 150; Laws of Learning, 151; Principles of Learning, 151; Teaching, 152; Teaching Process, 152; Principles for Consideration in Selection of Teaching Methods, 153; Types of Teaching Methods, 153; Teaching how to Acquire Knowledge by Problem Solving, 153; Teaching Manual Skills, 154; Developing Desirable Attitudes for Working with Villagers, 154; Reviewing the Teaching—Learning Process, 155; Types of Tests, 155; Teacher Evaluation, 156; Guidelines for the Teacher, 158; Principles of Teaching, 158; Qualities of a Good Teacher, 151; Suggestions, 159; Essentials of a Teaching Plan, 160; Considerations in Developing Educational Objectives, 160; Learning Experiences, 161: The Teacher, 161

12. The Psychology of Learning

Theories of Learning, 163; Factors Affecting Learning, 163; Factors which are Within the Control of Learning, 163; Factors to be Taken into Consideration by the Teachers or Extension Workers in Teaching the Learners/Farmers, Housewives, 164; Types of Learning, 165; Conditioning, 165; Verbal Learning, 165; Motor Learning, 165; Perceptual Learning 166; Attitude Learning, 166; Problem Solving, 166; Measuring Learning, 166; Forgetting and Recall, 167; Transfer of Learning, 167; Group Psychology and its Effects on Learning, 168; Principles of Group Dynamics, 168; Problem Solving 169; Adult Learning in Extension, 169; The Power of Adults to Learn, 170; Learning and Goal Formation, 171; The Role of Attitudes, 171: Psychological Factors in Adult Learning, 172; Rapport and Empathy, 172; The Four Basic Wishes, 173; Emotionality and Rationality, 175; Suggestibility and Suspeciousness, 176; Imitativeness and Assertiveness, 176; Group Loyalty and Individualism, 176; Adherence to Tradition and Changeability, 177; Creativity and Pragmatism, 177; Artistry and Devotion to Forms, 178; Religiousness and Scepticism. 178, Relating Negative Traits 179.

13. Other Psychological Concepts

Development of an Individual, 183; What Determines Human Development? 183; Environment and Maturation After Learning 183; How Psycho-Social Development Stages are Related to Development Tasks? 183; The Senses Provided to the Human Beings, 184; Attention and Perception, 185; Perception, 185; Attention, 185; Factors Determining What We perceive, 186; Cutaneous Senses, 186, The Senses of Taste, 186; Sense of Smell, 187; Thinking, 187; Definition, 187; Mechanics of Thinking, 187; Kinds of Thinking, 187; Avoiding Cloudy

150

163

182

CONTENTS xiii

Thinking, 187; Common Pitfalls in Thinking 188; Communication and Group Process, 188; Information Theory, 188; Importance of Feedback in Communication, 188; Group Dynamics, 188; Effective Leadership, 189; Ways of Avoiding the Pitfalls, 189; Education for Democracy, 189; Propaganda, 190; Problems in Group Living, 190; Problems and Causes of Success or Failure of Marriages, 190; Problems of Illegal Behaviour, 191; Crime Prevention, 191; Racial Antogonism. 192; Characteristics of Leaders, 193; Use of Competitions and Co operation in Educational Work, 193, Planning for Effective Competition, 193; How to Improve Group Activity, 193; Rural Psychology and Personality, 193; Factors Determining the Rural Mind, 194; Natural Opposition to Change, 194; Agriculture and Religion, 194; Standing Habits, 195; Conflicts, 195; Basic Principles in Rural Psychology, 195; Personality, 196; Meaning of Personality, 196; Analysis of Personality, 197; Personality Traits, 197; The Process of Selfdevelopment, 199; What is 'Self'? 200; Theories of Personality, 200; Teaching Farmers, 201; Durable Conditions for Teaching Farmers. 202: Psychological Barriers, 203; Perception, 204; Communication, 204 Demonstration Dangers, 204; Learning Problems, 204

PART III RURAL SOCIOLOGY AND PLANNED SOCIAL CHANGE

14. Rural Sociology—Subject-Matter and Importance

207

Definition and Meaning of Rural Sociology, 207: Sociology, 207; Rural Sociology, 207; Nature of Rural Sociology, 207; Rural Sociology as a Science, 209; Limitations, 210; Scope of Rural Sociology, 210; Elements of Rural Sociology, 211; Scope of Rural Sociology in India, 211; Origin and Development of Rural Sociology, 211; Rural Sociology in India, 212; Importance of the Study of Rural Sociology, 213; Science of Human Relationship 213; Importance in Development Programme, 215

15. Important Sociological Concepts

216

Place of Culture in Rural Society, 216; Definition of Culture, 216; Nature and Analysis of Culture, 217; Content of Culture, 217; Functions of Culture, 217; Culture Norms, 218; Mores, 218; Folkways, 218; Laws, 218; Institutions, 219; Conformity to and Deviation from Norms, 219; Culture Patterns, 220; Culture Heritage, 220; Culture History, 221; Culture Diffusion, 221; Cultural Lag, 221; Marginal Man, 222; Ways in which Culture Is Involved in Group Life, 222, Social Action, 222; Elements of Social Action, 222; Social Values, 224; Formation of Social Values, 224; Social Values in Relation to Farming, 227;

xiv CONTENTS

Social Control, 228; Agents of Social Control, 228; Rural and Urban Life, 229; Characteristics of Rural Society, 230; Characteristics of Urban Life, 232; Contrast Between Rural and Urban Life, 232

16. Village Patterns and Modes of Living

234

Origin of Villages, 234; Emergence of Villages, 234; First Method, 234; Second Method, 234; Types of Villages, 235; First Criterion, 235; Second Criterion, 235; Third Criterion, 236; Fourth Criterion, 236; Pattern of Settlement, 237; Village Settlement 237; Scattered Settlement, 238; Cross-road Settlement, 238; Line Settlement, 239; Circular Settlement, 241; Regional Settlement, 241; Village Types on Landownership Basis, 243; Landlord Villages, 243; Peasant Proprietor's Villages, 243; Cooperative Villages, 243; Collective Villages, 244; Other Specialities, 246; What Facilitated the Establishment of Kibbutzim in Israel, 247; Semi-Collective Village, 248

17. Village Life and Rural Social Institutions in India

250

Village Life in India, 250; Concept of Community Life, 250; Structure of Rural Society, 250; Family Life, 251; Family as a Functional Unit, 251; Family as an Association, 251; Other Forms of Family, 251; The Characteristics of Patriarchial Rural Joint Family, 252; The Joint Family System, 253; Muslim Family System, 254; Racial Element, 254: Caste System, 254: Status Groups, 255; Social Distance, 255; Functional Basis, 256; How the Caste System Preserved and Developed Hindu Society, 256; Rural Social Institutions in India, 227; Customs, 257; Religion, 258; Major Religions in India, 259; Festivals, 260; Marriage, 262; Rural Act, 266

18. Social Welfare and Welfare Organisation

271

Concept of Social Welfare, 271; Theories of the Philanhropic Group, 272; Theories of the Reformist Group, 272; Philosophy of Sarvodaya, 273; Bhoodan, 273; Gramdan, 274; Welfare State, 275; What Are Fundamental Human Rights? 275; How far India is a Welfare State? 276; Welfare Organisation, 277; Early Welfare Organisations, 277; Recent Welfare Organisations, 279; International Welfare Organisations Working in India, 281; Aids from the U. S. A., 283; Amenities and Services for Rural Development, 284; Education, 284; General Education, 284; Technical Education, 286; Social Education, 286; Rural Education, 286; Audio-Visual Education, 287; Education of the Handicapped, 287; Medical Education and Training, 287: Health and Medical Facilities, 287; Nutrition, 287; Primary Health Centres at the Block Level, 288; Family Planning/Family Welfare, 288; Water

CONTENTS XV

Supply and Sanitation, 288; Recreation and Utilisation of Leisure, 288.

19. Social Organisation, Disorganisation and Changes in Rural Organisations

291

Social Organisation, 291; Definition; 291; Relationship of Social Organisation with Social Culture, 291; The Status and the Role, 292; Social Process in a Dynamic Society, 293; Social Change in Dynamic Society, 293; Social Control in Dynamic Society, 294; Normality of Social Organisation, 295; Consensus of Social Organisation 296; Social Disorganisation in India, 296; Types of Social Disorganisation, 297; Individual Disorganisation, 297; Family Disorganisation, 299; Community Disorganisation, 300; Changes in Rural Social Organisations in India, 301; Family Life, 302; Caste System, 302; Religion, 303; Marriage, 304; Panchayats, 304; Education, 304; Occupational Mobility, 305; Youth Organisation, 305; Women Organisation, 305; Impact of Development Programmes on Social Organisation, 306; Impact of Transport Facilities, 306; Impact of Community Development, 306; Suggestions 307

20. Planned Social Change

308

Processes of Planned Change, 308; Stimuli Forcing Human Beings to Change, 308: Problem Solving Efforts of Different Strata of Society Compel Change, 309; Notion of Planned Change, 310; Theories of Social and Cultural Change, 310; Contemporary Schools of Thought on the Types or Theories of Social and Cultural Change, 311; Social Behaviouristic Theory of Social and Cultural Change, 311; The Approach of the Change Agent Towards Planned Change, 311; Diagnostic Orientations, 312; Motivations for Change, 312; Resistance to Change, 313; Role of the Change Agents, 313; Methods of Initiaing Towards Change, 314; Initiation of Change Sequence, 314; Working Towards Ensuring Change, 315; Working Towards Change, 315: Transfer of Change, 316; Stabilisation of Change, 316; Training the Change Agent, 316; Agricultural Technology and Rural Social Change, 317; Effects of Technology, 318; Innovations in Indian Agriculture, 320; Extension Activities of Agricultural Colleges/Universities and Their Role in Acceleration of Acceptance of Innovation, 322; Impact of Technology on Rural Society, 323 Sources of Information and Their Effectiveness in Adoption of Technology, 325: Channels of Communications Used by Extension Officers, 325; Influence of Socio-economic Characteristics on the Utilisation of Sources of Information, 326

21. Group Mobilisation and Leadership Development

327

Definition of Group, 327; Occasions for Group Association, 327;

xvi CONTENTS

Nature of the Group, 328; Types of Groups, 328; Groups in the Rural Community and Methods of Approach to Them, 329; Group Dynamics, 331; Principles of Working with Groups and Their Mobilisation, 331; Leadership for Development, 331; Concepts Defined, 332; Theories of Leadership, 333; Some Principles of Democratic Leadership, 333; Functions of a Leader, 334; Determinants of Effectiveness in Leadership Functions (Ten 'A's), 335; Factors Determining Effectiveness of a Leader, 335; The Bases of Power for Leadership, 335; Pattern of Farm Leadership, 336; Characteristic of Farm Leaders, 336; Homophily-Heterophily between Leaders, 336; Role of Farm Leaders, 337

22. Problems of Scheduled Castes, Tribes and Other Backward Classes and India's Approach to it

339

Social Problems, 340; Economic Problems, 341; Medical and Public Health Problems, 341; Problem of Housing, 342; Problems of Tribes, 342; Economic Problems, 342; Communication, 343; Health and Sanitation, 343; Education, 343; Problems of Drink, 343; Solution of the Problems, 343; The Social Service Approach, 344; Political Approach, 344; Religious Approach, 344; Anthropological Approach, 344; State Approach to Tribals, 344

PART IV COMMUNICATION AND AUDIO-VISUALS FOR DEVELOPMENT

23. Concept and Functions of Communication

347

Definitions and Meaning, 347; Communication Can Occur Even Without Uttering Words, 348; Communication—A Two-way Process, 349; Communication Has Many Varieties, 349; Communication Process, 349; Elements, 349; Communication—Complex and Mostly Indirect, 349, Importance of Communication in Extension Work, 349; Communication Models, 350; Other Models of Communication Process, 351; Scope of Communication, 352; Functions of Communication, 353; The Information Function, 353; Command or Instructive Functions, 354; Influence of Persuasive Functions, 354; Integrative Functions, 355; Dimension of Purpose, 355; Conclusion, 356

24. Communication Channels

357

Definition, 357; Dimension of Channel, 357; Classification of Channels, 357; The Nature of Channels, 358; Selection of Communication Channels, 360

	CONTENTS	xvii
25.	Communicator-Communicattee Relationships	362
	Orientation, 362; Empathy, 363; Feedback, 364; Physical Interdependence, 364; Credibility, 364; Interaction, 364; Homophily-Heterophily, 365	
26.	Feedback in Communication	366
	The Feedback Process, 366; Feedback as Resource Orientation, 367; Role of Feedback in Extension Education, 367; Feedback in Communication of Information, 368; Effect of Feedback in Communication of Information, 369	
27.	Organisational Communication in Agricultural Development	370
	Understanding Organisational Communication, 372; Types of Orgasational Communication, 373; Cross-Communication, 373; Downward Communication, 373; Upward Communication, 374; A Few Basic Tips, 375; Some Recent Studies, 376; Conclusion, 378	
28.	Communication Planners: Role and Training	379
	Meaning and Scope of Communication and Communication Planning, 379; Sources of Communication and Resistance, 380; Elements in the Planning Process, 381; Future Role of the Communication Planner, 381; Communication in Support of Development, 381; Extension or Organised Face-to-Face Communication, 381; Technological Options and Prolems of Planning for Future Change, 382; Role and Task of the Communication Planner, 383; Objectives, 384; Approach to Objectives, 384; Qualities of a Communication Planner, 385; Functions, 385; Levels of Planning, 385; Training Strategies and Options, 386	
29.	Problems in Communication	380

Main Problems in Communication, 389; According to Phases of Communication, 390; According to Various Types of Problems, 391; According to Nature of Problems, 392

393

30. Interpersonal Communication and the Mass Media in Developing Societies

Developmental Issues of Communication, 393; Integration with Key Sectors of Development, 393; Promotion of False Sense of Optimism, 394; Supportive Role of Media, 394; Communication in Developing Countries, 394: Mass Media are Class Media, 395; Absence of Fit, 396; Impersonal Network, 396

xviii CONTENTS

31. Communication Approacnes and Audio-Visual Aids

Communication and Extension Approaches, 398; Advantages, 399; Group Approach, 399; Mass Approach, 399; Motivating Our Audienee, 399; Individuals, 399; Groups, 400; Communication and Extension Methods, 401; Difference in Methods of Extension and Formal Education, 402; How People Can Learn? 403; Methods of Extension Teaching, 404; Personal Group and Mass Approach, 404; How to Select Teaching Tools, 405; Direct Contact, 406; Demonstration, 406; Phase of Demonstrations, 408; Important Tips of Conducting a Good Demonstration, 409

32. Visual Aids 413

Visuals in Information and Communication, 413; Choice of Visuals, 413; Planning for Use of Visuals, 414; Selecting a Theme for Visuals, 414; Layout and Design of Visual Aids, 415; Visual Aids—Non-Projected, 415; Teaching Aids, 416; Display Visuals, 416; Posters, 416; Diagrams, 417; Flip Chart, 422; Flash Cards, 423; Felt-boards, Flannel Graphs or Khaddargraphs, 424; Chalk Board, 424; Bulletin Board, 425; Exhibitions, 426; Visual Aids—Projected, 427; Projectors, 428; Threading the Film, 433; Cameras, 438; Automatic Picture Taking, 440; Handling the Movie Camera, 441; Angle of Filming, 441; Length of Scenes, 441; Editing the Film, 441; Three Dimensional Pictures, 441

33. Audio-Aids Recording

Disc Recording, 443; Wire Recording, 444; Tape Recording, 444; How to Operate a Tape Recorder, 445; Useful Hints for the Operator, 446; Uses of a Tape Recorder, 448; Ten Features to Look for in a Tape Recorder, 449; Public Address Equipment, 450; Operating the Public Address Equipment, 451; Radio, 451; Handling a Radio Set, 452; Power for Radios, 452; Installing a Radio, 452; Operating a Radio, 452: Nature of the Medium, 453; Use, 453

34. Other Teaching Aids

Puppets, 455; Drama, 456; Folk Songs and Folk Dances, 457; Use of Talks, Meetings, Conferences, Tours, Campaigns, Camps, etc., for Extension, 457; Talks, 457; Meetings, 461; Conferences, 463; Tours, 465; Campaigns, 466; Village Camps, 467; Journalism in Extension Work, 472; Scope 473, Functions of Journalism, 473

35. Communication Through Written Words

Need for News to Our Client System, 476; Writing for Newspapers,

398

443

455

475

CONTENTS

477; Feature Stories, 478; Practical Examples, 478; Leaflet, Pamphlet and Bulletins, 480; Circular Letters, 480; Writing for a Radio Talk, 481

36. Communication Through Satellite

483

Evolution of Satellite Communication, 483; Indian Space Research Organisation, 483; Aryabhata, 483; Bhaskara, 483; Rohini, 483; Space Application Centre, 484; Satellite Instructional Television Experiment, 484; Satellite Telecommunication and Experiments Project, 484; Indian National Satellite 484, Software for the Satellite Communication, 485

PART V PROGRAMME PLANNING AND FIVE-YEAR PLANS

37. Programme Planning

489

Meaning and Principles of Programme Planning, 489; Extension Programme, 489; Components of Programme Planning, 490; Principles of Programme Planning as Applied to Extension Programme, 490; Basic Principles Used in Educational Planning, 491; Abilities Needed by Planners, 492; Programmes Projection, 494; Objectives of Programme Projection, 494; Programme Planning and Programme Projection, 494

38. Developing a Plan of Work

495

Definition and Analysis of the Concept, 495; Why Have A Plan of Work—Importance and Scope in Extension, 496; Plan of Work—A Format or A Model, 496; Elements of the Plan of Work, 497; Prerequisites for Developing a Plan of Work, 498; Farm and Village Agricultural Production Plans, 499; Farm Planning, 499; Village Agricultural Production Plan, 503; Guidelines for Developing a Written Annual Plan of Work, 504; Selecting Methods and Structuring Learning Experiences, 505; Criteria for Judging the Plan of Work, 512

39. A Plan for Improved Procedures of Programme Development in India

515

Steps, 515; Who is to Build the Extension Programme? 516; Constituting A Programme Building Committee, 518, Stepping up Objectives, 519; Plan for Carrying out the Programme, 519; Problem Regarding Fixing of the Targets, 520; Coordination of Various Servi-

XX CONTENTS

ces in Community Development and Extension, 525; Important Aspects of Coordination, 525; How a National Programme is Developed, 527; National Plans in India, 529; Basic Plans in India, 529; National Planning Committee, 530; Government Planning in India, 530; The Planning Machinery and Method of Making Plans, 530; Planning Commission, 531; Planning Machinery, 532; Five-Year and Annual Plans, 533; Fifth Five-Year Plan, 534; Objectives of Different Plans, 536; Strategy of the Plans, 537; Achievements During Plans, 537; Weaknesses in Our Planned Programme, 539; Suggestions, 540;

PART VI DEVELOPMENT PROGRAMMES

40. Community Development Programme

543

The Problem, 545; The Community, 546; Development, 546; Community Work, 546; Self-Determination, 546; Community Pace, 547; Growth in Community Capacity, 548; The Will to Change, 548; Major Divisions of Community Works, 548; Analysis of the Term-Community Development, 550; Essential Elements of Community Development, 551; Faiths Behind Community Development, 552; Objectives of the Community Development Programme, 552; Philosophy Behind Community Development Programme, 553; Approach to Rural Development in a Democratic Society, 553; Types of Community Development Programmes, 555; Integrative Type, 555; Adaptive Type, 556; Project Type, 557; Principles of Community Development and Community Organisation, 558; Community Development Processes, 560; Extension Education, 560; Community Organisation, 560: Establishing Rapport in the Community, 561; Appraising the situation—Identifying Problems and Needs, 561; Planning the Programme and Projects, 562; Selecting Initial Projects and Long-run Projects, 562; Securing Participation of the People and Involving Them, 562; Developing Effective Communication Channels. 563; Developing and use of Organisation Channels, 567; Developing Adequate Community Leadership, 578; Scope of Community Development, 581; Speciality of Farming Occupation, 582; Limitations, 583; Weakness in the Community Development Programme and Suggestions for Improvement, 584; Abolition and Revival of Posts of BDOs in Madhya Pradesh, 590; The Challenges to the Scientists, 590; Expert Views on the Weakness of the Community Development Programme, 592; Similarities and Dissimilarities Between C.D. and Extension Education, 593; Objectives, 593; Processes, 594; Form, 594; Cultural Factors in Community Development, 595; How the Knowledge of These Factors Affects Community Development Work, 595; Role of the Community Development Worker, 598; Role as a Guide.

CONTENTS XXI

598; Role as an Enabler, 600; Role as an Expert, 602; Role as a Therapist, 602; Difference Between an Extension Worker and a Community Development Worker, 603

41. Case Studies of Community Development Programmes of Different Countries

604

C.D. in India: Progress and Prospects, 604; Programme Pattern, 604; Finance, 606; Expenditure Under the Plans, 606; Policy, 606; Advisory Body, 606; Organisation, 606; Community Development in the Philippines, 607; Set-up and Working, 607; Community Development in Egypt, 607; Community Development in Iran, 608; Community Development in Formosa, 608; Community Development in Peurto-Rico, 609; Community Development in Pakistan, 609; Community Development in Thailand, 610; Community Development in Thaiwan, 611; Impact of Community Development Programme on Rural Life in India, 612; Awareness of Community Development Programme, 612; Adoption of Improved Practices, 612; Communication with the Outside World, 613; Institutional Development, 614; Leadership Development, 615

42. Other Rural Development Programmes in India

616

Agricultural Development Programmes, 616; Intensive Agricultural District Programme, 616; High Yielding Varieties Programme, 616; Drought Prone Areas Programme, 617; Whole Village Development Programme, 617; Sectoral Development Programme, 618; Tribal Development Block, 618; Pilot Project for Tribal Development, 618; Hill Areas Development Programmes, 618; Animal Husbandry, 618; Cattle and Dairy Development, 618; Sheep Development, 619; Poultry Development, 619; Piggery Development, 620; Fisheries Development, 620; Integrated Rural Development Programme, 620; Criteria for Selection of District, 620; The Guidelines for Action, 621; The Planning Phase, 621; Providing an Operational Base, 622; Task Adoption at Planning Phase, 623; Programme Implementation, Coordination and Monitoring, 623; Self-replicating Model of Rural Development, 624; District Rural Development Agency (DRDA), 625; Council for Advancement of Rural Technology (CART), 627; National Agricultural Research and Extension Projects, 629; National Agricultural Research Project (NARP) 629; National Agricultural Extension Project (NAEP), 630

PART VII EXTENSION, ADMINISTRATION AND TRAINING

43. Administration

635

Administration: Trends, 635; Public Administration, 636; Concepts in

xxii CONTENTS

Public Administration, 636; Public and Private Administration, 637; Nature of Public Administration, 637; Characteristics of Public Administration as a Social Science, 638; Purposes of Public Administration, 638; Scope of Public Administration, 639; Functions of Public Administration, 640

44. Administration and Organisation

641

Meaning of Organisation, 641; Organisation of Organisation, 641; Concepts of Organisation, 642; Formal and Informal Organisations, 642; Units of Organisation, 642; The Hierarchy, 645; Span of Control, 646; Delegation of Authority, 646; Integration vs Disintegration, 648; Centralisation vs Decentralisation, 649; Coordination, 651; Administrative Control, 654; Factors Influencing Coordination, 655; Building an Organisation, 655; Organisation of the Development Department, 656; Problems of Public Administration, 657; Basis of Organisation, 657

45. Personnel Administration

659

Definition, 659; Problems of Personnel Administration, 659; Recruitment of Extension Workers, 659; Types of Requirement, 640; Selection, 661; Classification of Positions, 663; Maintenance of Efficiency and Morale, 664; Development of Code of Ethics, 671; Principles to be Included in Code of Ethics, 672; Supervision, 672; Administrative Areas and Field Services, 679; The Headqurters and Field Services, 679; General and Administrative Areas, 680; Factors Determining the Formation of Government Areas, 680; Criteria of the Suitability of Governmental and Administrative Areas, 681; Field Organisation, 681; Various Patterns of Field Organisation, 681; Reasons for the Growth of Field Organisation, 682

46. Training Principles and Practices

684

Meaning of Training, 684; Education Versus Training, 685; Importance of Training, 685; Need for Training, 686; Types of Training for Extension Workers, 687; Training Process, 688; Principles of Extension Training, 689; Nature of Training, 690; Problem and Prospects of Training, 698; Training of Villagers and Professionals in Technical Things, 692; Training of the Farmers, 692; Training for Farmers' Sons, 692; Ministry of Agriculture and Irrigation, 693; Directorate of Extension (Department of Agriculture), 693; Indian Council of Agricultural Research, 695; Krishi Vigyan Kendra, 695; Training Programmes, 696; Organisation Aspects, 696; Staff Development Programme, 698; Trainers' Training Centres, 698; Organisation Aspects, 698; Department of Rural Development, 699; Ministry of

CONTENTS xxiii

Education and Social Welfare, 699; Department of Education—Youth Services Wing, 699; Nehru Yuvak Kendras, 700; National Service Scheme, 700; Department of Social Welfare, 700; Ministry of Labour, 701; Constraints on Development of Rural Youth Programmes, 701; Mobilisation of Rural Youth in Agricultural Production and Other Development Programmes, 702; Workshop Wings, 703; Khadi Gram Udyog Bhavan, 703; Auxiliary Courses, 703; Developing Course Syllabus, Course Objectives and Lesson Plans, 703; Course Syllabus, 703; Factors for Consideration in Planning a Course of Study, 704; Instructions Regarding Examinations and Tests, 704; Other Instructions, 704; Steps in Selecting Course Content, 705; Characteristics of Good Teaching Objectives, 705; Considerations for Deciding Objectives, 706; Preparing Lesson Plans, 706; Essentials of a Teaching Plan, 706

47. Tπaining and Visit System (T&V)

709

Objectives of the Training and Visit System, 709; Basic Assumptions 710; Monitoring and Evaluation 711; Organisational Structure, 711

Abbreviations and Titles of Development Programmes in India	713
Appendix A	720
Appendix B	722
Bibliography	725
Author Index	731
Subject Index	73 3