CONTENTS

1 . Introduction to Physiotherapy 1-5
- Definition of Physiotherapy 1
- Past of Profession 1
- Development of Profession. 2

2. Indian Health Care Delivery System 6-13
- Health care delivery system 6

3. Principles in Rehabilitation 14-45
- Introduction 14
- Rehabilitation team 17
- Approaches of rehabilitation 28
- CBR and IBR 29
- Community based rehabilitation 32
- Role of Physiotherapist in CBR 39
- Role of Physiotherapy in AIDS 40

4. Developmental Disabilities 46-127
- Developmental dysplasia of the hip 47
- Poliomyelitis 53
- National immunisation schedule 89
- Rickets 90
- CTEV 93
- Cerebral Palsy 101
- Genu Varum 120
- Genu Valgum 122

5. Principles in Geriatrics Rehabilitation 128-182
- Introduction 128
- Rehabilitation strategies 130
- Assessment of geriatric patient 133
- Theories of aging 134
- Physiological changes in geriatrics 143
- Osteoarthritis 147
- Dementia 157

- Old age homes 163
- Senior citizens in India 164

6. Amputation Rehabilitation 183-199
- Principles of amputation rehabilitation 183
- Types of amputation 184
- Levels of amputation 184
- Postsurgical assessment 189
- Rehabilitation consideration 191

7. Prosthesis and Orthotics 200-279
- Principles in prosthesis 201
- Ambulation aids 224
- Principles in orthotics 232
- Splinting 271

8. Disability Evaluation Concession and Benefits for Disabled 280-317
- Prevention of disabilities 281
- Disability evaluation 282
- Concessions offered by the Central Government to the persons with disabilities 304

9. Aerobic fitness 318-362
- Principle in aerobic fitness 318
- Stress testing 323
- Physiological effects of exercises 325

10. Ergonomics 363-427
- Ergonomics 363
- Job Stress 400
- Work conditioning guidelines 409
- Work hardening guidelines 410
- Outcome assessment 413
- Employee fitness program 414
- Risk assessment 415
- Workplace transport 416
- Risk assessment tools 420
- Workplace health promotion 420
- Employer's roles and responsibilities 424
- Worker's roles and responsibilities 425

11. Instrument to measure Health and Fitness 428-452
- Physical Self Maintenance Scale (PSMS) 428
- Brooke Grading Scale for Upper Extremity Function ... 429
- Clinical Mobility Scale 430
- Geriatric Functional Rating Scale (GFRS) 434
- The COPD Self-Efficacy Scale of Wigal et al 438
- The Cumulative Illness Rating Scale for Geriatric Patients CIRS(G) of Miller et al. 441
- Generalized Self-Efficacy Scale (GSES) in Patients with Arthritis 443
- Life Satisfaction Index A of Neugarten et.al 444
- Karnofsky Performance Scale Index 446
- Overt Aggressive Scale (OAS) 448
- Physical Self-Maintenance Scale of Lawton 450

12. Role of International Organisation in Health Sectors 453-466
- WHO 454
- SPI 455
- DPI 456
- ICRC 457
- SIDA 460
- CARE 459
- UNICEF 460