Contents

About the Author ..... *vii*
Preface ..... *ix*
Acknowledgments ..... *xi*
Contributors and Reviewers ..... *xiii*
Special Features of the Book ..... *xvii*
Syllabus ..... *xxi*

CHAPTER 1 Introduction and Theoretical Foundations 1–51

Introduction 2
Education and Educational Technology 2
Meaning of Education 3
Definitions of Education 3
Aims of Education 4
Nursing Education 7
Educational Technology 9
Educational Philosophy 12
Philosophy 12
Comparison of Educational Philosophies 13
Philosophy of Nursing Education 13
Teaching-Learning Process 25
Definitions of Teaching 25
Definitions of Learning 25
Teaching-Learning as a Process 26
Nature of Teaching 27
Characteristics of Teaching 27
Principles of Teaching 28
Barriers to Teaching 29

Nature of Learning 31
Characteristics of Learning 32
Characteristics of Adult Learners 33
Principles of Learning 34
Learning Theories 35
Barriers to Learning 41
Latest Approaches to Education and Learning 45

CHAPTER 2 Assessment and Planning 53–109

Introduction 54
Assessment of Teacher 54
Essential Qualities of a Teacher 54
Teaching Styles 56
Assessment of Learner 60
Types of Learners 60
Determinants of Learning: Learning Needs, Readiness to Learn, Learning Styles 62
Emotional Intelligence of the Learner 65
Motivational Factors 69
Curriculum Planning 72
Meaning of Curriculum 73
Definitions of Curriculum 73
Types of Curriculum 73
Curriculum Design 75
Curriculum Development 78
Writing Learning Outcomes/Behavioral Objectives 85
Writing Course Plan, Unit Plan and Lesson Plan 92

CHAPTER 3 Implementation of Teaching Methods 111–193

Introduction 112
Teaching in Classroom and Skill Lab 112
Classroom Management 112
Classroom Communication 116
Information and Communication Technology in Education 120
Teaching Methods 123
Lecture Method 124
Group Discussion 126
Microteaching 127
Simulation 130
Demonstration 133
Symposium 136
Panel Discussion 139

Seminar 142
Scientific Workshops 145
Exhibition 148
Role Play 150
Project Method 152
Field Trip/Instructional Trip/School Excursion/School Journey 153
Self-Directed Learning/Student-Directed Learning 160
Computer-Assisted Learning/Computer-Assisted Instruction 163
One-to-One Instruction 166
Active Learning Strategies 169
Problem-Based Learning 169
Team-Based Learning 172
Peer Sharing/Peer Learning 174
Case Study Analysis 176
Reflective Journaling 178
Debate 180
Gaming 183
Interprofessional Education 185

CHAPTER 4 Teaching in the Clinical Settings: Teaching Methods 195–253

Introduction 196
Definition 197
Clinical Learning Environment 198
Clinical Learning Experiences 201
Models of Clinical Education 204
Clinical Teaching 207
Clinical Teaching Strategies 209
Clinical Presentation in Nursing 216
Writing Clinical Learning Outcomes/Practice Competency 245

CHAPTER 5 Educational or Teaching Media 255–319

Introduction 256
Synonyms of Educational Media 256
Definitions 256
Historical Development of Audio-Visual Aids 257
Concepts of Audio-Visual Aids 257
Sources of Audio-Visual Aids 258
Purposes and Significance of Audio-Visual Aids in Nursing Education 259
Principles of Audio-Visual Aids 260
Characteristics of Audio-Visual Aids 261
Steps in Creating Effective Audio-Visual Aids 262

Criteria for Selection of Audio-Visual Aids 263
Components of Audio-Visual Aids 264
Types of Educational Aids or Audio-Visual Aids 266
Guidelines for the Effective Preparation and Use of Different Audio-Visual Aids 313
Guidelines for Effective Presentation Using the Audio-Visual Aids 315
Integeration of Audio-Visual Aids in Nursing Education 316
Role of Audio-Visual Aids in Teaching Nursing Concepts 316
Present and Future Trends in Usage of Audio-Visual Aids in Nursing Education 316
Ethical Considerations in the Use of Audio-Visual Aids 317

CHAPTER 6 Assessment and Evaluation Methods 321–369

Introduction 322
Definitions 322
Importance of Assessment and Evaluation in Nursing Education 323
Purposes of Assessment 324
Scope of Assessment 325
Principles of Assessment 326
Principles of Selecting Assessment Methods 326
Essential Considerations to Ensure Accuracy in Assessment Methods 327
Types of Assessments 329
Guidelines to Develop Assessment Tests 330
Assessment Methods and Strategies 332
Assessment Tests for Higher Learning 360
Barriers to Evaluation 363

CHAPTER 7 Guidance/Academic Advising, Counseling and Discipline 371–413

Introduction 372
Guidance 372
Counseling 382
Organization of Counseling Services in College 400
Issues of Counseling in Nursing Students 405
Discipline and Grievance in Students 407
Role of Student's Grievance Redressal Cell/Committee 408

CHAPTER 8 Ethics and Evidence-Based Teaching in Nursing Education 415–437

Definitions 416
Ethical Principles in Nursing 417
Value-Based Education in Nursing 417
Value Development Strategies 420
Ethical Decision-Making 422

Ethical Standards for Students 425
Student-Faculty Relationship 426
Evidence-Based Teaching 428
Evidence-Based Education Process 431

CHAPTER 9 Emerging Trends in Healthcare and Nursing Education 439–458

Introduction 440
Healthcare Industry 440
Nursing Education 445
Simulation-Based Learning in Nursing Education, an Emerging Trend 455

Index *459–472*