



**PRAVARA INSTITUTE OF MEDICAL SCIENCES  
(DEEMED TO BE UNIVERSITY)**

**Loni, Tal. Rahata, Dist. Ahmednagar 413736  
NAAC Re-accredited with 'A' Grade**

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**SYLLABUS**

**Fellowship in Geriatric Nursing  
(Smt. Sindhutai Eknathrao Vikhe Patil College of Nursing)  
(Academic Council Meeting Dated 28<sup>th</sup> October 2021)**

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**Title: Fellowship in Geriatric Nursing**

**Aim:**

The course is designed to prepare registered nurses (B.Sc., P.B.B.Sc. or M.Sc.) with specialized knowledge, skills and attitude in providing advance quality care to older persons, their families, caregivers and communities at all the three levels of care.

**Purpose:**

The purposes of the course are to:

1. provide quality care to older persons.
2. manage and supervise care of older persons at all the three levels of care. 3.
3. teach nurses, allied health professionals, care providers and communities in areas related to gerontological nursing.
4. conduct research in areas of gerontological nursing

**Admission criteria:**

The student seeking admission to this course should:

1. Be a registered nurse (RN & RM) or equivalent
2. Possess a minimum of work experience one year
3. Nurses from other countries must obtain an equivalence certificate
4. Be physically fit

**Number of seats: 05**

**Duration:**

Duration of the course is one academic year

**Distribution of the Course: 52 weeks**

1. Teaching: Theory & Clinical practice 36 weeks
2. Research Block 6 weeks
3. Examination (including preparation) 4 weeks
4. Vacation 4 weeks

5. Public holidays 2 weeks

**General objective:**

At the end of the course the student will be able to develop an understanding of philosophy, principles, methods and issues, management, education and research in gerontological nursing.

**Specific objectives:**

At the end of the course the student will be able to

1. Describe the demographic transition of population and its implications for health services
2. Describe ageing and ageing process
3. Describe the concepts & principles in caring for older persons
4. Provide high quality evidence based nursing care to older persons and their families including the underprivileged and disabled using nursing process
5. Communicate effectively, respectfully and compassionately with older adults and their families
6. Perform assessment of functional, physical, cognitive, psychological, social and spiritual status of older persons by using appropriate tools
7. Describe the modifications required for age friendly environment in home, community, clinics, institutions & community
8. Recognize and manage common health problems of older persons including geriatric syndromes
9. Appreciate the pharmacodynamics and pharmacokinetics related to common drugs used in disease condition of older persons
10. Use technology to enhance older person's functional independence and safety
11. Provide culturally appropriate end of life care to older persons
12. Teach and supervise nurses, allied health workers & caregivers in skills necessary to deliver care to older persons
13. Coordinate with key stakeholders in providing care to older persons in hospital and community
14. Identify the research priorities in gerontological nursing for evidence based practice & to conduct research
15. Demonstrate skills in management of geriatric services

16. Design a plan for organization of geriatric care units in different settings

**Course of studies:**

1. Geriatric nursing (including advance courses):	200 Hours
2. Integrated Clinical Practice:	950 Hours
Total:	1150 Hours

**Clinical experience**

Areas of clinical experience required:	32 weeks
Medical wards/geriatric ward:	5 weeks
Surgical wards:	5 weeks
Intensive care units/CCU:	3 weeks
Geriatric clinic:	3 weeks
Psychiatric OPD:	2 weeks
Physiotherapy/rehabilitation Unit:	2 weeks
Community/Medicare clinics:	5 weeks
Day Care Center:	2 weeks
Old Age Home/Hospice:	5 weeks

**Examination Scheme**

	Int. Marks	Ext. Marks	Total	Duration
<b>Theory</b>				
Geriatric Nursing I	25	75	<b>100</b>	03 hours
Geriatric Nursing II	25	75	<b>100</b>	03 hours
<b>Practical</b>	50	50	<b>100</b>	
<b>Grand Total</b>	<b>100</b>	<b>200</b>	<b>300</b>	

**Conditions for admission to examination**

The Student:

1. has attended not less than 80% of the theoretical instruction hours in each subject during the year.
2. has done not less than 80% of the clinical practical hours. However, students should make up 100% of attendance for integrated practice experience in term of hours and activities before awarding the certificate.

## Curriculum

**Description:** This course is designed to develop an understanding of the principles of related biological and behavioral sciences, and gerontological nursing, and understand the etiology, pathophysiology, symptomatology, diagnostic measures and nursing management of patients with geriatric problems including rehabilitation.

**Objectives:** At the end of the course the student will be able to:

1. Describe the principles of behavioral, biological and nursing sciences as applied to gerontological nursing.
2. Describe ageing & ageing process.
3. Describe the physical, physiological and emotional changes occurring during ageing process.
4. Communicates effectively, respectfully and compassionately with older adults and their families.
5. Describe the policy & welfare programs for older persons.
6. Describe the concepts & principles of gerontological Nursing.
7. Describe Nursing process pertaining to geriatric care.
8. Explain concept & components of healthy ageing & role of the nurse in promoting active/healthy ageing
9. Describe characteristics of age friendly environment in home, institutions & community.
10. Explain principles of administration of drugs to older persons.
11. Apply nursing process in the management of common medical, surgical & psychiatric problems in older persons.
12. Identify older abuse & counsel old persons, families & community.
13. Provide culturally sensitive end of life care to older persons.

### Section A: Geriatric Nursing I

**Unit 01:** Psychology – review

05 hours

<b>Unit 02:</b> Sociology – review	05 hours
<b>Unit 03:</b> Pharmacology – review	05 hours
<b>Unit 04:</b> Demography and demographic transition	05 hours
<b>Unit 05:</b> Ageing & ageing process	10 hours
<b>Unit 06:</b> Communication skills & IPR	05 hours
<b>Unit 07:</b> Social support & services for ageing	10 hours
<b>Unit 08:</b> Introduction to gerontological nursing	10 hours
<b>Unit 09:</b> Geriatric nursing assessment	15 hours
<b>Unit 10:</b> Healthy ageing	10 hours
<b>Section: B Geriatric Nursing II</b>	
<b>Unit 11:</b> Health services and programs for older persons	10 hours
<b>Unit 12:</b> Age friendly environment	10 hours
<b>Unit 13:</b> Management of common diseases of older persons	50 hours
<b>Unit 14:</b> Psychiatric problems of older persons	10 hours
<b>Unit 15:</b> Malignancies of ageing	05 hours
<b>Unit 16:</b> Counseling the older person	10 hours
<b>Unit 17:</b> Elder Abuse & violence	05 hours
<b>Unit 18:</b> Rehabilitation & occupational therapy	05 hours
<b>Unit 19:</b> Provisions, legislations and regulations related to older adults	05 hours
<b>Unit 20:</b> Research & statistics	10 hours

### **Teaching learning activities**

Methods of teaching: Lecture, demonstration & discussion, supervised practice, seminar, role play, workshop, conference, skill training, simulations, field visits, and research project

### **Methods of assessment:**

Written examination, objective type, short notes, assignments, case studies/care notes, clinical presentation, seminars, project

### **Essential clinical/practical activities**

- Patient care assignments
- Writing of nursing care plan for assigned patients
- Writing case studies – 5
- Case presentations – 5

- Writing observation report
- Planned health teaching - 5
- Project - 1
- Clinical teaching - 3
- Conduct bedside rounds
- Prepare clinical rotation plan
- Prepare clinical teaching plan for students
- Perform clinical evaluation of students/staff
- Unit management plan - designing
- Supervision techniques
- Writing unit report, performance appraisal, guidance, staff assignment, material management
- Maintenance of records and report

### **Essential gerontological nursing skills**

#### **I. Procedures Assisted:**

- Advanced life support
- Lumbar Puncture
- Arterial Blood Gas
- ECG Recording
- Arterial B P monitoring
- Blood transfusion
- IV cannulation & therapy
- Arterial catheterization
- Chest tube insertion
- Endotracheal intubation
- Ventilation
- Insertion of long line

#### **II. Procedures Performed:**

- Airway management a) Application of Oro Pharyngeal Airway b) Oxygen therapy c) Care of Tracheostomy d) Endotracheal Intubation
- Cardio pulmonary Resuscitation

- Monitoring – clinically & with monitors, ECG
- Geriatric Nursing Assessment:
- Feeding – management of OG tube insertion, gavage feeding, TPN
- Administration of drugs: I/M, IV injection, IV Cannulation & fixation infusion pump Calculation of dosages, monitoring fluid therapy, Blood administration.
- Procedures for prevention of infections: Hand washing, disinfections & sterilization, surveillance, fumigation
- Collection of specimens
- Setting, use & maintenance of basic equipment: ventilator, O2 analyzer, monitoring equipment, infusion pump,
- Use of assisting devices
- Physiotherapy, exercise program for older persons
- Helping older persons with mobility problems
- Communicating with older persons with hearing & visual problems

#### **Evaluation:-**

Term end examination will be arranged and conducted by Smt. Sindhutai Eknathrao Vikhe Patil College of Nursing and declare the result.

#### **Examination Scheme**

Paper – I: Geriatric Nursing – I

Paper – II : Recent advances in Geriatric Nursing

#### **Theory Examination:- (2 Paper of 100 marks each)**

2 LAQ x 20 Marks = 40 Marks

6 SAQ x 10 Marks = 60 Marks

#### **Practical Examination:-**

One Long Case / Long experiments = 50 Marks

Three Short Cases (3 x 30) = 90 Marks

Viva Voce / Oral / OSPE / Spottes = 60 Marks

#### **Minimum Passing:-**

i) Minimum 50% in Theory papers (Each paper minimum is 40%)

ii) Minimum 50% in Practical /Clinical & Viva Voce

iii) Overall 50% Theory & Practical/Clinical

**Award of class:-**

50% to 59.5% = II<sup>nd</sup> class

60 to 74.5% = I<sup>st</sup> Class

Above 75% = I<sup>st</sup> Class with Distinction

**Attempts:-**

- A student shall clear the Examination only within three attempts or within 4 years of admission.
- Result / Issue of Mark Sheet – Head of Institute & HOD will jointly issue the Mark Sheet.

**Certification:-**

- A) Title – Fellowship in Geriatric Nursing.
- B) A fellowship is awarded upon successful completion of the prescribed study program, which will state that i) Candidate has completed the prescribed course of Geriatric Nursing. ii) Candidate has completed prescribed clinical experience. iii) Candidate has passed the prescribed examination.
- C) Certificate will be issued with the signatures of concern Principal & Vice-Chancellor, Pravara Institute of Medical Sciences (Deemed to be University).
- D) Certificates to be prepared by concern College.

**Mandatory Fullfilment:-**

- 1) To participate in UG teaching / PG teaching.
- 2) Presentation of 6 assignments.
- 3) One Research Methodology Workshop.
- 4) Participation / Presentation with minimum One Research article in Seminars/Conferences/workshop etc.
- 5) One Research Paper in Indian / Scopas / UGC Care list journal.

