

**Subject No.4**  
**CLINICAL SPECIALITY –I**  
**MEDICAL SURGICAL NURSING**

Total Hours: 810

Theory hours: 150

Clinical hours: 660

**AIM:**

- It is designed to assist students in developing expertise and in depth knowledge in the field of Medical –Surgical Nursing .It will help students to appreciate the patient as a holistic individual and develop a skill to function as a specialized Medical –Surgical Nurse .It will further enable the student to function as a n educator, manager and researcher in the field of Medical –Surgical Nursing.

**OBJECTIVES:**

At the end of the course the students will be able to:

- Appreciate the trends and issues in the field of Medical –Surgical Nursing as a speciality.
- Apply nursing concepts and theories related to health promotion.
- Apply the client as a holistic individual.
- Perform physical and psychosocial assessments of a Medical –Surgical Patient.
- Apply nursing process in providing care to the patients.
- Integrate the concept of family centered nursing care with associated disorders such as genetic, congenital and long term illness.
- Recognize and manage emergencies with medical surgical patients.
- Describe various recent technologies and treatment modalities in the management of critically ill patients.
- Appreciate the legal and ethical issues relevant to Medical –Surgical Nursing.
- Prepare a design for layout and management of Medical –Surgical Unit.
- Appreciate the role of alternative systems of Medicine in the care of patients.
- Incorporate evidence based Nursing practice and identifies the areas of Nursing Research in the field of Medical Surgical nursing.
- Recognize the role of Nurse Practitioner as a member of the Medical –Surgical health team.
- Teach Medical and Surgical Nursing to under graduate nurse s ad in-service nurses.

**COURSE CONTENT:**

**Unit I -Introduction:**

- Historical development of Medical – Surgical Nursing in India.
- Current status of health and disease burden in India.
- Current concept of health.
- Trends & issues in Medical – Surgical Nursing.
- Ethical & cultural issues in Medical – Surgical Nursing.
- Rights of patients.
- National health policy, special laws & ordinances relating to older people.
- National goals.
- Five years plans
- National health programs related to adult health.

**Unit II -Health assessment of patients:**

- History taking.
- Physical examination of various systems.
- Nutritional assessment.
- Related investigations and diagnostic assessment
- Role of nurse in diagnostic procedures

**Unit III -Care in hospital setting:**

- Ambulatory care
- Acute & Critical care
- Long term care.
- Home Health Care.
- Characteristics, care models, practice settings, interdisciplinary team.
- Hospitalization- effects of hospitalization on the patient & family.
- Stressors & reactions related to disease process
- Nursing care using Nursing process approach.

**Unit IV -Management of patients with disorders of Gastro intestinal tract:**

- Review of anatomy and physiology.
- Common disorders-etiology, Patho physiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation & diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related Research Studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

**Unit V -Management of patients with disorders of Nervous System:**

- Review of anatomy and physiology.

- Common Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.
- Role of nurse in communicating with neurological deficit patients  
Special therapies.
  - Brain death confirmation test

#### **Unit VI -Management of patients with disorders of Respiratory System:**

- Review of anatomy and physiology.
- Common Disorders-etiology, Patho physiology, Clinical manifestations, Complications, prognosis
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

#### **Unit VII -Management of patients with disorders of cardio Vascular System:**

- Review of anatomy and physiology.
- Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.

- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

**Unit VIII -Management of patients with Disorders of Blood:**

- Review of anatomy and physiology.
- Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up .

**Unit IX -Management of patients with disorders of Genito Urinary System:**

- Review of anatomy and physiology.
- Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

**Unit X -Management of patients with disorders of Endocrine System:**

- Review of anatomy and physiology.
- Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

**Unit XI -Management of patients with disorders of Musculo-Skeletal System:**

- Review of anatomy and physiology.
- Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies
- Evidence based nursing practice.
- Rehabilitation and follow-up.
- Role of nurse in musculo skeletal disorders.

**Unit XII -Management of patients with disorders of Integumentary System:**

- Review of anatomy and physiology.
- Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.

- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

**Unit XIII -Management of patients with disorders of Eye and ENT:**

- Review of anatomy and physiology.
- Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

**Unit XIV -Management of patients with Disorders of Reproductive System:**

- Review of anatomy and physiology.
- Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis.
- Health assessment-History taking, physical examination, investigation and diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.

### **Unit XV -Geriatric Nursing:**

- Nursing Assessment – History and Physical assessment.
- Ageing:
- Demography; Myths and realities.
- Concepts and theories of ageing.
- Cognitive Aspects of Ageing.
- Normal biological ageing.
- Age related body systems changes,
- Psychosocial Aspects of Ageing.
- Medications and elderly.
- Stress & coping in older adults.
- Common Health Problems & Nursing Management;
- Psychosocial and Sexual.
- Abuse of elderly.
- Role of nurse for care of elderly; ambulation, nutritional communicational, Psychosocial and spiritual.
- Role of nurse for care givers of elderly.
- Role of family and formal and non formal caregivers.
- Use of aids and prosthesis (hearing aids, dentures),
- Legal & Ethical Issues.
- Provisions and Programmes for elderly; privileges, Community Programs and health services;
- Home and institutional care.
- Issues, problems and trends.

### **Unit XVI -Management of patients with communicable and Sexually Transmitted Diseases:**

- Review of immune system.

- Common Disorders of immune system – HIV / AIDS.
- Review of infectious disease process.
- Communicable diseases-etiology, Pathophysiology, Clinical manifestations complications, prognosis.
- Health assessment-History taking physical examination, investigation and Diagnostic assessment.
- Treatment modalities and trends.
- Nursing management
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.
- New communicable diseases- swine flu& Ebola ,Role of nurse in prevention of communicable diseases.
- Dengue, NIPAH, Leptospirosis .

#### **Unit XVII -Emergency, Trauma and Multi-System Organ Failure:**

- DIC (disseminated intravascular coagulation)
- Trauma burns, poisoning.
- Etiology, Patho- physiology, Clinical manifestations, complications, prognosis.
- Health assessment-History taking, physical examination, investigation and
- Diagnostic assessment.
- Treatment modalities and trends.
- Nursing management.
- Related research studies.
- Evidence based nursing practice.
- Rehabilitation and follow-up.
- Role of nurse in emergencies ,Triage ,Role of nurse in organ donation

CLINICAL SPECIALITY –I  
MEDICAL SURGICAL NURSING

<i>Unit No. &amp; total hours</i>	<i>Objectives</i>	<i>Contents with distributed hours</i>						
I (5 hours)	At the end of unit students are able to <b>Knowledge:</b> Know about current status of medical surgical nursing. <b>Skill:</b> Recognize ethical and cultural needs of patients. <b>Attitude:</b> Appreciate the role of nurse in health team.	<b>Introduction:</b> <ul style="list-style-type: none"> <li>• Historical development of Medical – Surgical Nursing in India. (1 hour)</li> <li>• Current status of health and disease burden in India.</li> <li>• Current concept of health. (1 hour)</li> <li>• Trends &amp; issues in Medical – Surgical Nursing.</li> <li>• Ethical &amp; cultural issues in Medical – Surgical Nursing.</li> <li>• Rights of patients. (1 hour)</li> <li>• National health policy, special laws &amp; ordinances relating to older people. (1 hour)</li> <li>• National goals. (1 hour)</li> <li>• Five years plans</li> <li>• National health programs related to adult health.</li> </ul>						
	<b>UNIT I</b> <b>Introduction:</b>							
	Course Outcome	Programme Outcome						
		Clinician/Nurse educator	professional	Communicator	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
		PO1	PO2	PO3	PO4	PO5	PO6	PO7
	CO1: Understand about current status of medical surgical nursing.	3	3	3	2	2	3	3
	CO2: Recognize ethical and cultural needs of patients.	3	3	3	2	2	3	3

	CO3: Determine the role of nurse in health team.	3	3	2	3	2	3	3
	CO4: Discuss the Current concept of health.	3	3	3	2	2	3	3
	CO5: Differentiate Trends & issues in Medical-Surgical Nursing.	3	3	3	2	2	3	3
	CO6: Explain Ethical & cultural issues in Medical – Surgical Nursing.	3	3	3	2	2	3	3
	CO7: Review Rights of patients.	3	3	3	2	2	3	3
	CO8: Describe the National health policy, special laws & ordinances relating to older people.	3	3	3	2	2	3	3
	CO9: Review the Five years plans and National health programs related to adult health.	3	3	3	2	2	3	3
II (20 hours to )	At the end of unit students are able to <b>Knowledge:</b> Recall health assessment of various patients. <b>Skill:</b> Perform the assessment correctly. <b>Attitude:</b> Relate investigations and diagnostic assessments with disease conditions.	<b>Health Assessment of Patient:</b> <ul style="list-style-type: none"> <li>• History taking. (2 hours)</li> <li>• Physical examination of various systems. (6 hours)</li> <li>• Nutritional assessment.(3 hours)</li> <li>• Related investigations and diagnostic assessment (3hours)</li> <li>• Role of nurse in diagnostic procedures (6 hours)</li> </ul>						

	<b>Unit II Health Assessment of Patient:</b>							
	Course Outcome	<b>Programme Outcome</b>						
		Clinician/Nurse educator	professional	Communicator	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
		PO1	PO2	PO3	PO4	PO5	PO6	PO7
	CO1: Recall health assessment of various patients	3	3	3	3	2	3	3
	CO2: Relate investigations and diagnostic assessments with disease conditions	3	3	3	3	2	3	3
	CO3: Review the Physical examination of various systems	3	3	3	3	2	3	3
	CO4: Understand the Nutritional assessment	3	3	3	3	3	3	3
	CO5: Determine the Role of nurse in diagnostic procedures	3	3	3	3	2	3	3
III (5 hours )	At the end of unit students are able to <b>Knowledge :</b> Find out the appropriate care to be given in the hospital setting <b>Skill:</b> Render nursing care using nursing process approach. <b>Attitude:</b> Justify the reaction related to stress in disease condition.	<b>Care in Hospital Setting:</b> <ul style="list-style-type: none"> <li>• Ambulatory care(1 hour)</li> <li>• Acute &amp; Critical care</li> <li>• Long term care. (1 hour)</li> <li>• Home Health Care.</li> <li>• Characteristics, care models, practice settings, interdisciplinary team. (1 hour)</li> <li>• Hospitalization- effects of hospitalization on the patient &amp; family. (1hour)</li> <li>• Stressors &amp; reactions related to disease process</li> <li>• Nursing care using Nursing process approach. (1 hour)</li> </ul>						

Unit III: Care in Hospital Setting:								
Course Outcome		Programme Outcome						
		Clinician/Nurse educator	Professional	Communi cator	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
		PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1: Understand appropriate care to be given in the hospital setting		3	3	3	3	2	3	3
CO2: Review the nursing care using nursing process approach		3	3	3	3	3	3	3
CO3: Justify the reaction related to stress in disease condition		3	3	3	3	3	3	3
CO4: Describe the Ambulatory care		3	3	3	3	3	2	3
CO5: Differentiate the Acute & Critical care		3	3	3	3	3	3	3
CO6: Determine Long term care and Home Health Care		3	3	3	3	2	3	2
CO7: Review the Characteristics, care models, practice settings, interdisciplinary team.		3	3	3	3	3	3	3
CO8: Describe Hospitalization-effects of hospitalization on the patient & family.		3	3	3	3	3	3	3

IV (10 hours )	At the end of unit students are able to <b>Knowledge:</b> Describe anatomy physiology, etiology, Pathophysiology, clinical manifestation, diagnostic assessment, management of complication of patients with disorders of gastrointestinal tract. <b>Skill:</b> Demonstrate skill in providing nursing care to the patient with GIT disorders after assessment <b>Attitude:</b> Recognize and relate the nursing research and evidence based nursing practice	<b>Management of patient with Gastro Intestinal Tract Disorders:</b> <ul style="list-style-type: none"> <li>• Review of anatomy and physiology. (1 hour)</li> <li>• Common disorders-etiology, Patho physiology, Clinical manifestations, complications, prognosis.(3 hours)</li> <li>• Health assessment-History taking, physical examination, investigation &amp; diagnostic assessment. (2 hours)</li> <li>• Treatment modalities and trends. (2 hour)</li> <li>• Nursing management.(1 hour)</li> <li>• Related Research Studies.</li> <li>• Evidence based nursing practice. .(1 hour)</li> <li>• Rehabilitation and follow-up.</li> </ul>						
Course Outcome	<b>Programme Outcome</b>							
	Clinician/Nurse educator	Professional	Communica tor	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	
CO1: Review of anatomy and physiology.	2	3	3	3	3	3	3	
CO2: Determine the Common disorders-etiology, Patho physiology, Clinical manifestations,	2	3	3	3	3	3	3	

complications, prognosis.								
CO3: Review the Health assessment- History taking, physical examination, investigation & diagnostic assessment.	2	3	3	3	3	3	3	3
CO4: Determine the Treatment modalities and trends.	2	3	3	3	3	3	3	3
CO5: Describe the common Nursing management for the gastrointestinal disorders	2	3	3	3	3	3	3	3
CO6: Determine the concept of evidence based nursing practice	2	3	3	3	3	3	3	3
CO7: Review the Rehabilitation and follow-up for the patients recovering from gastrointestinal disorders	2	3	3	3	3	3	3	3

<p>V (10 hours )</p>	<p>At the end of unit students are able to</p> <p><b>Knowledge:</b> Explain anatomy physiology, etiology, Pathophysiology, clinical manifestation, diagnostic assessment, management of complication of patients with disorders of nervous system.</p> <p><b>Skill:</b> Apply nursing process providing comprehensive care to the patients and demonstrate advanced skills and competence in managing patients in nervous system disorders.</p> <p><b>Attitude:</b> Recognize and relate the nursing research and evidence based nursing practice.</p>	<p><b>Management of patient with Disorders of Nervous System:</b></p> <ul style="list-style-type: none"> <li>• Review of anatomy and physiology. (1 hour)</li> <li>• Common Disorders-etiology, Pathophysiology, Clinical manifestations, complications, prognosis. (2 hours)</li> <li>• Health assessment-History taking, physical examination, investigation and diagnostic assessment. (2 hours)</li> <li>• Treatment modalities and trends. (1 hour)</li> <li>• Nursing management.</li> <li>• Rehabilitation and follow-up.(1 hour)</li> <li>• Related research studies. (1 hour)</li> <li>• Evidence based nursing practice. (1 hour)</li> <li>• Role of nurse in communicating with neurological deficit patients Special therapies</li> <li>• Brain death confirmation test (1hours)</li> </ul>
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<p><b>Unit V: Management of patient with Disorders of Nervous System:</b></p>	
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Course Outcome	Programme Outcome							
	Clinician/ Nurse educator	Professiona	Communica tor	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	
CO1: Review of anatomy and	2	3	3	3	3	3	3	3

	physiology of nervous system.							
	CO2: Determine the Common disorders-etiology, Patho physiology, Clinical manifestations, complications, prognosis.	2	3	3	3	3	3	3
	CO3: Review the Health assessment-History taking, physical examination, investigation & diagnostic assessment.	2	3	3	3	3	3	3
	CO5: Describe the common Nursing management for the nervous system disorders	2	3	3	3	3	3	3
	CO6: Determine the concept of evidence based nursing practice	2	3	3	3	3	3	3
	CO7: Describe the role of nurse in communicating with neurological deficit patients Special therapies	2	3	3	3	3	3	3
	CO8: Illustrate the Brain death confirmation test	2	3	3	3	3	3	3
VI (10 hours to )	At the end of unit students are able to <b>Knowledge:</b> Explain anatomy and physiology, etiology, Pathophysiology, diagnosis assessment, management and complication of patients with	<b>Management of patient with Disorders of Respiratory System:</b> <ul style="list-style-type: none"> <li>• Review of anatomy and physiology. (1 hour)</li> <li>• Common Disorders-etiology, Patho physiology, Clinical manifestations, Complications, prognosis (2 hours)</li> <li>• Health assessment-History taking, physical examination, investigation and diagnostic assessment. (2 hours)</li> <li>• Treatment modalities and trends. (1 hour)</li> <li>• Nursing management. (1 hour)</li> <li>• Related research studies.</li> <li>• Evidence based nursing practice. (1 hour)</li> <li>• Rehabilitation and follow-up.(2 hour)</li> </ul>						

<p>disorders of respiratory system.  <b>Skill:</b> Assess the diagnostic, treatment modalities &amp; new trends and demonstrate advance skills/competent in managing patients with respiratory system.  <b>Attitude :</b> Recognize and relate the nursing research and evidence based nursing practice</p> <p><b>Unit VI:  Management of patient with Disorders of Respiratory System:</b></p>									
Course Outcome	<b>Programme Outcome</b>								
	Clinician/Nurse educator	Professional	Communication	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7		
CO1: Review of anatomy and physiology of nervous system.	2	3	3	3	3	3	3		
CO2:describe Common Disorders- etiology, Patho physiology, Clinical manifestations, Complications, prognosis	2	3	3	3	3	3	3		

	CO3: Asses the Health assessment-History taking, physical examination, investigation and diagnostic assessment.	2	3	3	3	3	3	3
	CO4: describe e the nursing management.	2	3	3	3	3	3	3
	CO5: Review the Evidence based nursing practice.	2	3	3	3	3	3	3
	CO6: Explain the Rehabilitation and follow-up for the patient undergoing the respiratory disorders.	2	3	3	3	3	3	3
VII (10 hours )	<p>At the end of unit students are able to</p> <p><b>Knowledge:</b> Explain anatomy and physiology, etiology, Pathophysiology, diagnosis assessment, management and complication of patients with disorders of cardiovascular system.</p> <p><b>Skill:</b> Assess the diagnostic, treatment modalities and new trends and demonstrate advance skills/competent in managing patients with cardiovascular system.</p>	<p><b>Management of patient with Disorders of Cardio vascular System:</b></p> <ul style="list-style-type: none"> <li>• Review of anatomy and physiology. (1Hour)</li> <li>• Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis.</li> <li>• Health assessment-History taking, physical examination, investigation and diagnostic assessment.(4 Hours)</li> <li>• Treatment modalities and trends.</li> <li>• Nursing management. (2 hours)</li> <li>• Related research studies.</li> <li>• Evidence based nursing practice.(1hours)</li> <li>• Rehabilitation and follow-up.(2 Hours)</li> </ul>						

<b>Attitude</b> :Recognize and relate the nursing research and evidence based nursing practice							
<b>Unit VII: Management of patient with Disorders of Cardio vascular System:</b>							
<b>Course Outcome</b>	<b>Programme Outcome</b>						
	Clinician/ Nurse educator	Professional	Communicator	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1: Review of anatomy and physiology of cardiovascular system.	2	3	3	3	3	3	3
CO2:describe Common Disorders etiology, Patho physiology, Clinical manifestations, Complications, prognosis	2	3	3	3	3	3	3
CO3: Asses the Health assessment- History taking, physical examination, investigation and diagnostic assessment.	2	3	3	3	3	3	3
CO4: describe e the nursing management.	2	2	3	3	3	3	3
CO5: Review the Evidence based	2	2	3	3	3	3	3

	nursing practice in case of Cardiovascular disorders							
	CO6: Explain the Rehabilitation and follow-up for the patient Cardiovascular disorders	2	3	3	3	3	3	3
	CO7: Explain cardiac rehabilitation and its phases	2	3	3	3	3	3	3
VIII (5 hours)	<p>At the end of unit students are able to</p> <p><b>Knowledge:</b> Explain anatomy and physiology, etiology, Pathophysiology, diagnosis assessment, management and complication of patients with disorders of blood.</p> <p><b>Skill:</b> Perform physical, psychosocial and spiritual assessment. Assess diagnostic, treatment modalities &amp; new trends Demonstrate advance skills/competent in managing patients with disorders of blood.</p> <p><b>Attitude :</b> Recognize and relate the nursing research and evidence based nursing practice</p>	<p><b>Management of patient with Disorders of Blood:</b></p> <ul style="list-style-type: none"> <li>• Review of anatomy and physiology. (1hour)</li> <li>• Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis.</li> <li>• Health assessment-History taking, physical examination, investigation and diagnostic assessment.</li> <li>• Treatment modalities and trends.</li> <li>• Nursing management. (2 hour)</li> <li>• Related research studies.</li> <li>• Evidence based nursing practice.(1hours)</li> <li>• Rehabilitation and follow-up (1 hour)</li> </ul>						

Unit VIII: Management of patient with Disorders of Blood:								
Course Outcome	Programme Outcome							
	Clinician/Nurse educator	Professional	Communicator	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	
CO1: Review of anatomy and physiology of disorders of blood	2	3	3	3	3	3	3	
CO2:describe Common Disorders etiology, Pathophysiology, Clinical manifestations, Complications, prognosis of blood disorders	2	3	3	3	3	3	3	
CO3: Asses the Health assessment- History taking, physical examination, investigation and diagnostic assessment, for blood disorders	2	3	3	3	3	3	3	
CO4: describe the nursing management for the patient suffering from the blood disorders	2	3	3	3	3	3	3	
CO5: Review the Evidence based nursing practice in case of blood disorders.	2	3	3	3	3	3	3	
CO6:determine the Rehabilitation and follow-up for	2	3	3	3	3	3	3	

	patients suffering from the							
IX (10 hours)	<p>At the end of unit students are able to</p> <p><b>Knowledge:</b> Explain anatomy and physiology, etiology, Pathophysiology, diagnosis assessment, management and complication of patients with disorders of urinary system.</p> <p><b>Skill:</b> Perform physical, psychosocial and spiritual assessment, Assess diagnostic, treatment modalities and new trends Demonstrate advance skills/competent in managing patients with disorders of urinary system.</p> <p><b>Attitude:</b> Recognize and relate the nursing research and evidence based nursing practice.</p>	<p><b>Management of patient with Disorders of Genito Urinary System:</b></p> <ul style="list-style-type: none"> <li>• Review of anatomy and physiology. (1 hour)</li> <li>• Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis. (2 hours)</li> <li>• Health assessment-History taking, physical examination, investigation and diagnostic assessment. (2 hours)</li> <li>• Treatment modalities and trends. (1 hour)</li> <li>• Nursing management. (1 hour)</li> <li>• Related research studies.</li> <li>• Evidence based nursing practice. (1 hour)</li> <li>• Rehabilitation and follow-up(2 hour)</li> </ul>						
	<b>Unit IX: Management of patient with Disorders of Genito Urinary System:</b>							
	<b>Course Outcome</b>	<b>Programme Outcome</b>						
		Clinician/Nurse educator	Professional	Communicator	Leader and	Lifelong learner	Critical thinker	Researcher

					member of the health care team and system			
		PO1	PO2	PO3	PO4	PO5	PO6	PO7
	CO1: Review of anatomy and physiology of genitourinary system.	2	3	3	3	3	3	3
	CO2:describe Common Disorders etiology, Patho physiology, Clinical manifestations, Complications, prognosis	2	3	3	3	3	3	3
	CO 3: Determine the health assessment- History taking, physical examination, investigation and diagnostic assessment.	2	3	3	3	3	3	3
	CO 4:Explain the Treatment modalities and new trends in genitourinary system	2	3	3	3	3	3	3
	CO 5: discuss the different Nursing management in the managing the case of genitourinary system related research studies	2	3	3	3	3	3	3
	CO 6: Explain the rehabilitation and follow-up for the patient of	2	3	3	3	3	3	3

	genitourinary system						
X (10 hours)	<p>At the end of unit students are able to</p> <p><b>Knowledge:</b> Explain anatomy and physiology, etiology, Pathophysiology, diagnosis assessment, management and complication of patients with disorders of endocrine system.</p> <p><b>Skill:</b> Perform physical, psychosocial and spiritual assessment. Assess the diagnostic, treatment modalities and new trends. Demonstrate advance skills/competent in managing patients with disorders of endocrine system.</p> <p><b>Attitude:</b> Recognize and relate the nursing research and evidence based nursing practice.</p>	<p><b>Management of patient with Disorders of Endocrine System:</b></p> <ul style="list-style-type: none"> <li>• Review of anatomy and physiology. (1 Hours)</li> <li>• Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis. (3 Hours)</li> <li>• Health assessment-History taking, physical examination, investigation and diagnostic assessment. (2 Hours)</li> <li>• Treatment modalities and trends.</li> <li>• Nursing management. (1 Hours)</li> <li>• Related research studies.</li> <li>• Evidence based nursing practice.(1 Hours)</li> <li>• Rehabilitation and follow-up.(2 Hours)</li> </ul>					
	<b>UNIT X: Management of patient with Disorders of Endocrine System:</b>						
	Course Outcome	<b>Programme Outcome</b>					

		Clinician/Nurse educator	Professional	Communicator	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
		PO1	PO2	PO3	PO4	PO5	PO6	PO7
	CO1: Review of anatomy and physiology of Endocrine System	3	3	2	3	2	3	<b>3</b>
	CO2:describe Common Disorders etiology, Pathophysiology, Clinical manifestations, Complications, prognosis	3	3	2	3	2	3	<b>3</b>
	CO 3: Determine the health assessment- History taking, physical examination, investigation and diagnostic assessment.	3	3	2	3	2	3	<b>3</b>
	CO 4:Explain the Treatment modalities and new trends in Endocrine System	3	3	2	3	2	3	<b>3</b>
	CO 5: discuss the different Nursing management in the managing the case of Endocrine system related research studies	3	3	2	3	2	3	<b>3</b>
	CO 6: determine the Evidence based nursing practice in the field of endocrine disorders	3	3	2	3	2	3	<b>3</b>
	CO7: Explain the Rehabilitation and	3	3	2	3	2	3	<b>3</b>

	follow-up with the patient of endocrine disorder.							
XI (10 hours)	<p>At the end of unit students are able to</p> <p><b>Knowledge:</b> Explain anatomy and physiology, etiology, Pathophysiology, diagnosis assessment, management and complication of patients with disorders of musculo-skeletal system.</p> <p><b>Skill:</b> Perform physical, psychosocial and spiritual assessment. Assess the diagnostic, treatment modalities and new trends Demonstrate advance skills/ competent in managing patients with disorders of musculo-skeletal system.</p> <p><b>Attitude</b> Recognize and relate the nursing research and evidence based nursing practice.</p>	<p><b>Management of patient with Disorders of Musculo Skeletal System:</b></p> <ul style="list-style-type: none"> <li>• Review of anatomy and physiology. (1 Hour)</li> <li>• Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis. (3 Hours)</li> <li>• Health assessment-History taking, physical examination, investigation and diagnostic assessment. (2 Hours)</li> <li>• Treatment modalities and trends. (1 Hour)</li> <li>• Nursing management.</li> <li>• Role of nurse in musculo skeletal disorders(1 Hour)</li> <li>• Related research studies</li> <li>• Evidence based nursing practice. (1 Hour)</li> <li>• Rehabilitation and follow-up.(1 Hour)</li> </ul>						
	Course Outcome	<b>Programme Outcome</b>						
	<b>Unit XI:Manageme</b>	Clinician/Nurse educator	Professional	Communicator	Leader and	Lifelong learner	Critical thinker	Researcher

	<b>nt of patient with Disorders of Musculo Skeletal System:</b>				member of the health care team and system			
		PO1	PO2	PO3	PO4	PO5	PO6	PO7
	CO1: Review of anatomy and physiology of Musculo Skeletal system.	2	2	2	3	3	3	3
	CO2:describe Common Disorders etiology, Patho physiology, Clinical manifestations, Complications, prognosis	2	2	2	3	3	3	3
	CO 3: Determine the health assessment- History taking, physical examination, investigation and diagnostic assessment.	2	2	2	3	3	3	3
	CO 4:Explain the Treatment modalities and new trends in Musculo Skeletal system.	2	2	2	3	3	3	3
	CO 5: discuss the different Nursing management in the managing the case of Musculo Skeletal system.	2	2	2	3	3	3	3
	CO 6: Determine the health assessment- History taking, physical examination,	2	2	2	3	3	3	3

	investigation and diagnostic assessment.							
	CO 7: Explain the Treatment modalities and new trends in musculo skeletal system.	2	2	2	3	3	3	3
XII (8 hours)	<p>At the end of unit students are able to</p> <p><b>Knowledge:</b> Explain anatomy and physiology, etiology, Pathophysiology, diagnosis assessment, management and complication of patients with disorders of integumentary system.</p> <p><b>Skill:</b> Perform physical, psychosocial and spiritual assessment. Assess the diagnostic, treatment modalities and new trends. Demonstrate advance skills in managing patients with disorders of integumentary system.</p> <p><b>Attitude:</b> Recognize and relate the nursing research and evidence based nursing practice.</p>	<p><b>Management of patient with Disorders of Integumentary System:</b></p> <ul style="list-style-type: none"> <li>• Review of anatomy and physiology. (1 Hour)</li> <li>• Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis. (2 hours)</li> <li>• Health assessment-History taking, physical examination, investigation and diagnostic assessment. (1 hour)</li> <li>• Treatment modalities and trends. (1 hour)</li> <li>• Nursing management. (1 hour)</li> <li>• Related research studies.</li> <li>• Evidence based nursing practice. (1 hour)</li> <li>• Rehabilitation and follow-up(1 hour)</li> </ul>						

<b>Unit XII: Management of patient with Disorders of Integumentary System:</b>							
Course Outcome	<b>Programme Outcome</b>						
	Clinician/Nurse educator	Professional	Communicator	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1: Review of anatomy and physiology of Integumentary System	2	2	2	3	3	3	3
CO2:describe Common Disorders etiology, Pathophysiology, Clinical manifestations, Complications, prognosis	2	2	2	3	3	3	3
CO 3: Determine the health assessment- History taking, physical examination, investigation and diagnostic assessment.	2	2	2	3	3	3	3
CO 4: Explain the Treatment modalities and new trends in Integumentary System.	2	2	2	3	3	3	3

	CO 5: discuss the different Nursing management in the managing the case of Integumentary System	2	2	2	3	3	3	3
	CO6:discuss Evidence based nursing practice in relation to Integumentary System	2	2	2	3	3	3	3
	CO 7: illustrate the rehabilitation and follow-up	2	2	2	3	3	3	3
XIII (5 hours )	<p>At the end of unit students are able to</p> <p><b>Knowledge :</b> Explain anatomy and physiology, etiology, Pathophysiology, diagnosis assessment, management and complication of patients with disorders of Eye and ENT</p> <p><b>Skill:</b> Perform physical, psychosocial and spiritual assessment. Assess the diagnostic, treatment modalities and new trends Demonstrate advance skills/competent in managing patients with disorders of Eye and ENT</p>	<p><b>Management of patient with Disorders of Eye and ENT:</b></p> <ul style="list-style-type: none"> <li>• Review of anatomy and physiology. (1 Hour)</li> <li>• Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis. (1 hour)</li> <li>• Health assessment-History taking, physical examination, investigation and diagnostic assessment. (1 hour)</li> <li>• Treatment modalities and trends.</li> <li>• Nursing management.</li> <li>• Related research studies.</li> <li>• Evidence based nursing practice.(1hours)</li> <li>• Rehabilitation and follow-up.(1 hour)</li> </ul>						

	<b>Attitude:</b> Recognize and relate the nursing research and evidence based nursing practice.							
	<b>Unit XIII:  Management of patient with Disorders of Eye and ENT:</b>							
	Course Outcome	<b>Programme Outcome</b>						
		Clinician/Nurse educator	Professional	Communicator	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
		PO1	PO2	PO3	PO4	PO5	PO6	PO7
	CO1: Review of anatomy and physiology of Disorders of Eye and ENT System	2	2	2	3	3	3	3
	CO2:describe Common Disorders etiology, Patho physiology, Clinical manifestations, Complications, prognosis	2	2	2	3	3	3	3
	CO 3: Determine the health assessment- History taking, physical examination, investigation and diagnostic assessment.	3	2	2	3	3	3	3
	CO 4: Explain the Treatment modalities and	2	2	2	3	3	3	3

	new trends in Eye and ENT System							
	CO 5: discuss the different Nursing management in the managing the case of Eye and ENT System	2	3	3	3	3	3	3
	CO6:discuss Evidence based nursing practice in relation to Eye and ENT System	2	2	2	3	3	3	3
	CO 7: illustrate the rehabilitation and follow-up for the patient with Eye and ENT System	3	2	2	3	3	3	3
XIV (8 hours )	<p>At the end of unit students are able to</p> <p><b>Knowledge:</b> Explain anatomy and physiology, etiology, Pathophysiology, diagnosis assessment, management and complication of patients with disorders of reproductive system.</p> <p><b>Skill:</b> Assess the diagnostic, treatment modalities and new trends Demonstrate advance skills/competent in managing patients with disorders of reproductive system. &amp; relate nursing research</p>	<p><b>Management of patient with Disorders of Reproductive System:</b></p> <ul style="list-style-type: none"> <li>• Review of anatomy and physiology. (1 Hour)</li> <li>• Common Disorders-etiology, Pathophysiology, Clinical manifestations, Complications, prognosis.</li> <li>• Health assessment-History taking, physical examination, investigation and diagnostic assessment. (3 hour)</li> <li>• Treatment modalities and trends.</li> <li>• Nursing management. (2hours)</li> <li>• Related research studies.</li> <li>• Evidence based nursing practice. (1 hour)</li> <li>• Rehabilitation and follow-up.(1 hour)</li> <li>•</li> </ul>						

	and evidence based nursing practice.							
	<b>UNIT IV: Management of patient with Disorders of Reproductive System:</b>							
	Course Outcome	<b>Programme Outcome</b>						
		Clinician/Nurse educator	Professional	Communicator	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
		PO1	PO2	PO3	PO4	PO5	PO6	PO7
	CO1: Review of anatomy and physiology of Disorders of Reproductive System	2	2	2	3	3	3	3
	CO2:describe Common Disorders etiology, Patho physiology, Clinical manifestations, Complications, prognosis	2	2	2	3	3	3	3
	CO 3: Determine the health assessment- History taking, physical examination, investigation and diagnostic assessment.	3	2	2	3	3	3	3
	CO 4: Explain the Treatment modalities and new trends in Reproductive System	2	2	2	3	3	3	3

	CO 5: discuss the different Nursing management in the managing the case of Reproductive System	2	2	2	3	3	3	3
	CO6:discuss Evidence based nursing practice in relation to Reproductive System	2	2	2	3	3	3	3
	CO 7: illustrate the rehabilitation and follow-up for the patient with Reproductive System	2	2	2	3	3	3	3
XV (8 hours )	At the end of unit students are able to <b>Knowledge:</b> Explain anatomy and physiology, etiology, Pathophysiology, diagnosis assessment, management and complication of patients with disorders of geriatric nursing. <b>Skill:</b> Perform physical, psychosocial and spiritual assessment. Assess the diagnostic, treatment modalities and new trends Demonstrate advance skills/competent in managing patients	<p><b>Geriatric Nursing:</b></p> <ul style="list-style-type: none"> <li>• Nursing Assessment – History and Physical assessment.</li> <li>• Ageing: <ul style="list-style-type: none"> <li>• Demography; Myths and realities.</li> <li>• Concepts and theories of ageing.(1Hr)</li> <li>• Cognitive Aspects of Ageing.</li> <li>• Normal biological ageing.</li> <li>• Age related body systems changes,</li> <li>• Psychosocial Aspects of Ageing.</li> <li>• Medications and elderly.</li> <li>• Stress &amp; coping in older adults.</li> <li>• Common Health Problems &amp; Nursing Management;</li> <li>• Psychosocial and Sexual.(3Hrs)</li> <li>• Abuse of elderly.</li> <li>• Role of nurse for care of elderly; ambulation, nutritional communicational, Psychosocial and spiritual.</li> <li>• Role of nurse for care givers of elderly.</li> <li>• Role of family and formal and non formal caregivers.</li> <li>• Home and institutional care.(2 hour)</li> <li>• Use of aids and prosthesis (hearing aids, dentures), (1 hour)</li> <li>• Legal &amp; Ethical Issues.</li> <li>• Provisions and Programmes for elderly; privileges, Community Programs and health services;</li> <li>• Issues, problems and trends. (1 hour)</li> </ul> </li> </ul>						

with disorders of geriatric nursing. <b>Attitude:</b> Recognize and relate the nursing research and evidence based nursing practice							
<b>UNIT XV:</b> <b>Geriatric Nursing:</b>							
Course Outcome	<b>Programme Outcome</b>						
	Clinician/Nurse educator	Professional	Communicator	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1: Review of Nursing Assessment – History and Physical assessment. And discussed about the Ageing:	2	2	2	3	3	3	3
CO2:describe Concepts and theories of ageing Cognitive Aspects of Ageing. Normal biological ageing	2	2	2	3	3	3	3
CO 3: Determine the Age related body systems changes, Psychosocial Aspects of Ageing. Medications and elderly.	2	2	2	3	3	3	3
CO 4: Explain the Stress & coping in older adults.	2	2	2	3	3	3	3

Common Health Problems & Nursing Management								
CO 5: Discuss the Role of nurse for care of elderly; ambulation, nutritional communicational, Psychosocial and spiritual.	2	2	2	3	3	3	3	
CO6: Explain the Role of nurse for care givers of elderly. Role of family and formal and nonformal caregivers. Home and institutional care.	2	2	2	3	3	3	3	
CO 7: Illustrate the Use of aids and prosthesis (hearing aids, dentures), (1 hour)	2	2	2	3	3	3	3	
CO8: Explain the Legal & Ethical Issues.	2	2	2	3	3	3	3	
CO 9: Discuss about Provisions and Programmes for elderly; privileges, Community Programs and health services; Issues, problems and trends	2	2	2	3	3	3	3	

<p>XVI (8 hours )</p>	<p>At the end of unit students are able to</p> <p><b>Knowledge:</b> Explain anatomy and physiology, etiology, Pathophysiology, diagnosis assessment, management and complication of patients with disorders of patients with communicable and sexually transmitted diseases.</p> <p><b>Skill:</b> Perform complete assessment, Assess the diagnostic, treatment modalities and new trends. Demonstrate advance skills in managing patients with disorders of patients with communicable and sexually transmitted diseases.</p> <p><b>Attitude:</b> Recognize and relate the nursing research and evidence based nursing practice.</p>	<p><b>Management of patient with Communicable and Sexually Transmitted Diseases:</b></p> <ul style="list-style-type: none"> <li>• Review of immune system. (1 hour)</li> <li>• Common Disorders of immune system – HIV / AIDS.</li> <li>• Review of infectious disease process.</li> <li>• Communicable diseases-etiology, Pathophysiology, Clinical manifestations complications, prognosis.(3 hours)</li> <li>• Health assessment-History taking physical examination, investigation and Diagnostic assessment. (1 hour)</li> <li>• Treatment modalities and trends.</li> <li>• Nursing management</li> <li>• Related research studies.</li> <li>• Evidence based nursing practice. (1hour).</li> <li>• Rehabilitation and follow-up.(1 hour)</li> <li>• New communicable diseases- swine flu&amp; Ebola ,Role of nurse in prevention of communicable diseases</li> <li>• <b>Dengue, NIPAH, Leptospirosis (1hour)</b></li> </ul>
	<p><b>UNIT XVI:</b> <b>Management of patient with Communicable and Sexually</b></p>	

Transmitted Diseases:								
Course Outcome	Programme Outcome							
	Clinician/Nurse educator	Professional	Communicator	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	
CO1: Review of immune system.	2	2	2	3	3	3	3	
CO2: Explain the Common Disorders of immune system – HIV / AIDS. And Review of infectious disease process	2	2	2	3	3	3	3	
CO3: Describe Communicable diseases-etiology, Pathophysiology, Clinical manifestations complications, prognosis.	2	2	2	3	3	3	3	
CO4: Determine the health assessment- History taking physical examination, investigation and Diagnostic assessment.	2	2	2	3	3	3	3	
CO5: explain Treatment modalities and trends.in Nursing management	2	2	2	3	3	3	3	
CO6: Determine the Related research studies for geriatric	2	2	2	3	3	3	3	

Evidence based nursing practice. (								
CO 7:New communicable diseases- swine flu& Ebola ,Role of nurse in prevention of communicable diseases Dengue, NIPAH, Leptospirosis	2	2	2	3	3	3	3	

<p>XVII (8 hours )</p>	<p>At the end of unit students are able to</p> <p><b>Knowledge:</b> Explain anatomy and physiology, etiology, Pathophysiology, diagnosis, assessment, management and complication of patients with emergency, trauma and multisystem organ failure.</p> <p><b>Skill:</b> Perform assessment, Assess the diagnostic, treatment modalities and new trends and Demonstrate advance skills/competent in managing patients with disorders of emergency, trauma and multisystem organ failure.</p> <p><b>Attitude:</b> Recognize and relate the nursing research and evidence based nursing practice.</p>	<p><b>Emergency, Trauma and Multi System Organ Failure:</b></p> <ul style="list-style-type: none"> <li>• DIC (disseminated intravascular coagulation) (1 hour)</li> <li>• Trauma burns, poisoning. (2 hours)</li> <li>• Etiology, Patho- physiology, Clinical manifestations, complications, prognosis. (2 hours)</li> <li>• Health assessment-History taking, physical examination, investigation and</li> <li>• Diagnostic assessment.</li> <li>• Treatment modalities and trends.</li> <li>• Nursing management. (1hour)</li> <li>• Related research studies.</li> <li>• Evidence based nursing practice. (1hour)</li> <li>• Role of nurse in emergencies Triage ,Role of nurse in organ donation</li> <li>• Rehabilitation and follow-up.(1 hour)</li> </ul>
	<p><b>UNIT XVII: Emergency, Trauma and Multi System Organ Failure:</b></p>	
<p>Course Outcome</p>	<p><b>Programme Outcome</b></p>	

	Clinician/Nurse educator	Professional	Communicator	Leader and member of the health care team and system	Lifelong learner	Critical thinker	Researcher
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1: Review DIC (disseminated intravascular coagulation).	2	2	2	3	3	3	3
CO2: Explain the Trauma burns, poisoning.	2	2	2	3	3	3	3
CO3: Describe Etiology, Patho-physiology, Clinical manifestations, complications, prognosis.	2	2	2	3	3	3	3
CO4: Determine the health assessment- History taking physical examination, investigation and Diagnostic assessment.	2	2	2	3	3	3	3
CO5: describe Diagnostic assessment. And Treatment modalities and trends.	2	2	2	3	3	3	3
CO6: Explain the Nursing management, and Related research studies.	2	2	2	3	3	3	3
CO7: : Explain Role of nurse in emergencies and Triage ,Role of nurse in organ donation	2	2	2	3	3	3	3

	CO8Describe the Rehabilitation and follow-up in Emergency, Trauma and Multi System Organ Failure	2	2	2	3	3	3	3
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## AREA AND DISTRIBUTION OF CLINICAL HOURS:

Total = 660 Hours

1 Week = 30

### Hours

S.No.	Dept/Unit	No. of Week	Total Hours
1.	General Medical Ward	4	120 Hours
2.	General Surgical Ward	4	120 Hours
3.	ICUs	4	120 Hours
4.	Oncology	2	60 Hours
5.	Ortho	2	60 Hours
6.	Cardio	2	60 Hours
7.	Emergency Department	2	60 Hours
8.	Neuro	2	60 Hours
	<b>Total</b>	<b>22 Weeks</b>	<b>660 Hours</b>

### TEACHING STRATEGY:

Total hours: 810

Theory hours: 150

Clinical Hours: 660

### TEACHING METHODS:

- Lecture, Seminar, Laboratory Demonstration, Group Discussion, Clinical Observation, Presentation, Bed Side clinic, Clinical Presentation, Workshops, [SISA, IDCD](#) and [Syndicate Journal Club](#).

### A.V. AIDS:

- Over head Projector, L.C.D, Computer Assisted Instruction, Flip charts, Posters, Black Board, Models, and Simulation.

### ASSIGNMENTS:

#### Theory:

Sr. No.	Assignment	No./Quantity	Marks per Assignment	Total Marks
1	Seminar	Four	1X50	200
2	Panel Discussion (Group Work)	One	1X25	25
3	Speciality related Journal (Article) presentation	Five	1X10	50
Total Marks				275

**Practical:**

Sr. No.	Assignment	No./Quantity	Marks per Assignment	Total Marks
1	Case study	Two	1X25	50
2	Case presentation	Two	1X50	100
3	Clinical Performance Evaluation	Two	1X100	200
4	Drug Book	One	1X100	100
5	Nursing Care Plans	Two	1X25	50
6	Field visit	One	1X50	50
7	Mini Clinical Evaluation Exercise ( Mini-CEX)	Three	1X10	30
9	Direct Observation of Procedural Skills (DOPS)	Three	1X10	30
Total Marks				610

**LIST OF RECOMMENDED BOOKS:**

- Text book of Medical Surgical Nursing –Brunner and Suddarth
- Medical Surgical Nursing –Clinical Positive outcome-Joyce and Black
- Medical Surgical Assessment and Management of clinical problems –Lewis, Colliner
- Medical Surgical Nursing –A Psychopathologic Approach –Luckmann and Sorensen
- Medical Surgical Nursing –A Nursing process Approach
- Medical Surgical nursing –B.T.Basvanthappa
- Moroneys Surgery for nurses –Colmer
- API Textbook of Medicine:-Shah N.S
- Fundamental of Operation theatre Services –Datta T.K
- Essentials of Orthopaedics:-Maheshwari
- Davidsons Principles and Practice of Medicine –Haslett C,Chilvers E.R.
- Watsons Clinical Nursing and related sciences –Walsh M
- The Lippincott Manual of Nursing practice –Nettina, Sandra
- Text book of medical surgical nursing, S.N. Chugh, Avichal Publishing Company .