



TAKSHASHILA UNIVERSITY

(Tamil Nadu State Private University)

ONGUR, TINDIVANAM TK, VILLUPURAM DT

FACULTY OF HEALTH SCIENCES

SCHOOL OF NURSING

CURRICULUM & SYLLABI

IV Semester



**TAKSHASHILA
UNIVERSITY**

(State Private University)

(Established Under Tamil Nadu Private Universities Act 2023)

Ongur (PO), Tindivanam Taluk, Villupuram District, Tamil Nadu - 604 305.

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Faculty of Health Science B.Sc. NURSING

(REGULATION – 2024)

SEMESTER – IV

Sl. No.	Course Code	Course Title	Category	Periods			Credits	Hrs.	Max. Marks										
				T	L	C			SE I	SE II	Assign	ATT	IP	GP	CAM		ESM	Total	
									(30)	(30)	(10)	(2)	(12)	(6)					
									60/4=15			30/3=10			IA	COLLEGE EXAM (50)	(75)	(100)	
1	U24NST401	PHAR (II) 205 Pharmacology II including Fundamentals of prescribing module	PC	60			3	60	15	15	10	2	12	6	25	III Sem 25 & IV Sem 25 (with the average of both)			
		PATH (II) 210 Pathology II and Genetics	PC	20			1	20	15	15	10	2	12	6			75	100	
2	U24NST402	N-AHN (II) 225 Adult Health Nursing II with integrated pathophysiology including Geriatric Nursing + Palliative care module	PC	140			7	140	15	15	10	2	12	6	25		75	100	
4	U24NST404	PROF 230 Professionalism, Professional Values and Ethics including Bioethics	PC	20			1	20	15	15	10	2	12	6	25	25		50	
5		SSCC(II) 220 Self-study/Co-curricular	PC	40				20											

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Sl. No.	Course Code	Course Title	Category	Periods			Credits	Hrs	SE		ATT (2)	Assgn (10)	CECP (10)	End of OSCE (5)	COP & CR (3)	CAM (50)	ESM (50)		
				T	L	C			OSCE (10)	DOP (15)									
										30/2=15 15x2=30									
										30/3=10 10X2=20									
3	U24NSP403	N-AHN (II) 225 Adult Health Nursing II with integrated pathophysiology including Geriatric Nursing + Palliative care module	PC		40	480	1+6	520	10	15	2	10	10	5	3	50	50		
ELECTIVE MODULE																College Exam	TOTAL		
6.	U24NST405	Elective Module Soft skill	PC	20 (this Hour has to be given during self study)			1									100	100		
Total:								19+1	760 + 40										
Semester Total:								19+1	800										

Note:

L – Lab

T – Theory

C – clinical

SE – Sessional exam

GP – group presentation

OSCE- Objective Structured Clinical examination

DOP – Directly observed Practical

ASS – Assignment

ATT - Attendance

CAM - Continuous Assessment Marks

IP – individual presentation

ESM – End Semester Exam Marks

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U24NST401	PHAR (II) 205 Pharmacology II including Fundamentals of prescribing module	T	L	C	Cr	Total
		60			3	60

COURSE OUTCOMES:

After completion of the course, the students will be able to

CO1 :	Explain the drugs used in the treatment of ear, nose, throat and eye disorders.
CO2 :	Explain the drugs used in the treatment of urinary system disorders.
CO3 :	Describe the drugs used in the treatment of nervous system disorders.
CO4 :	Explain the drugs used for hormonal replacement and for the pregnant women during antenatal, intra natal and postnatal period.
CO5 :	Explain the drugs used to treat emergency conditions and immune disorders.
CO6:	Discuss the role and responsibilities of nurses towards safe administration of drugs used to treat disorders of various systems with basic understanding of pharmacology.
CO7:	Demonstrate understanding about the drugs used in alternative system of medicine.
CO8:	Demonstrate understanding about the fundamental principles of prescribing.

COURSE OUTLINE

T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/earning Activities	Assessment Methods
I	4 (T)	Describe drugs used in disorders of ear, nose, throat and eye and nurses' responsibilities	Drugs used in disorders of ear, nose, throat & Eye - Antihistamines - Topical applications for eye (Chloramphenicol, Gentamycin eye drops), ear (Soda glycerin, boric spirit ear drops), nose and buccal cavity chlorhexidine mouthwash Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse	- Lecture cum Discussion - Drug study/presentation	- Short answer - Objective type
II	4 (T)	Describe drugs acting on urinary system & nurse's responsibilities	Drugs used on urinary system Pharmacology of commonly used drugs o Renin angiotensin system o Diuretics and	- Lecture cum Discussion - Drug study/presentation	- Short answer - Objective type

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			antidiuretics o Drugs toxic to kidney o Urinary antiseptics o Treatment of UTI – acidifiers and alkalinizers Composition, action, dosage, route, indications, contraindications, Drug interactions, side effects, adverse effects toxicity and role of nurse		
III	10 (T)	Describe drugs used on nervous system & nurse's responsibilities	Drugs acting on nervous system ☐ Basis & applied pharmacology of commonly used drugs ☐ Analgesics and anaesthetics - o Analgesics: Non-steroidal anti-inflammatory (NSAID) drugs - o Antipyretics - o Opioids & other central analgesics ✓ General (techniques of GA, pre anesthetic medication) & local anesthetics ✓ Gases: oxygen, nitrous, oxide, carbon-dioxide & others • Hypnotics and sedatives • Skeletal muscle relaxants - Antipsychotics - o Mood stabilizers • Antidepressants • Antianxiety Drugs • Anticonvulsants - Drugs for neurodegenerative disorders & miscellaneous drugs - stimulants, ethyl alcohol and	• Lecture cum Discussion • Drug study/presentation	• Short answer • Objective type

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			treatment of methyl alcohol poisoning Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects toxicity and role of nurse		
IV	5 (T)	Describe drugs used for hormonal disorder & supplementation, contraception & medical termination of pregnancy & nurse's responsibilities	Drugs used for hormonal, disorders and supplementation, contraception and medical termination of pregnancy • Estrogens and progesterones - o Oral contraceptives and hormone replacement therapy • Vaginal contraceptives • Drugs for infertility and medical termination of pregnancy - o Uterine stimulants and relaxants Composition, actions dosage route indications contraindications, drugs interactions, side effects, adverse effects, toxicity and role of nurse	• Lecture cum Discussion • Drug study/ presentation	• Short answer • Objective type
V	3 (T)	Develop understanding about important drugs used for women before, during and after labour	Drugs used for pregnant women during antenatal, labour and postnatal period • Tetanus prophylaxis • Iron and Vit K1 supplementation • Oxytocin, Misoprostol • Ergometrine • Methyl prostaglandin F2-alpha • Magnesium sulphate • Calcium gluconate	• Lecture cum Discussion • Drug study/ presentation	• Short answer • Objective type

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VI	10 (T)	Describe drugs used in deaddiction, emergency, poisoning, vitamins & minerals supplementation, drugs used for immunization & immune-suppression nurse's responsibilities	Miscellaneous • Drugs used for deaddiction • Drugs used in CPR and emergency adrenaline, Chlorpheniramine, hydrocortisone, Dexamethasone • IV fluids & electrolytes replacement • Common poisons, drugs used for treatment of poisoning - o Activated charcoal - o Ipecac - o Antidotes, - o Anti-snake venom (ASV) • Vitamins and minerals supplementation • Vaccines & sera (Universal immunization program schedules) • Anticancer drugs: Chemotherapeutic drugs commonly used	• Lecture cum Discussion • Drug study/ presentation	• Short answer • Objective type
VII	4 (T)	Demonstrate awareness of common drugs used in alternative system of medicine	Introduction to drugs used in alternative systems of medicine • Ayurveda, Homeopathy, Unani and Siddha etc.	• Lecture cum Discussion • Observational visit	• Short answer • Objective type
VIII	20 (T)	Demonstrate understanding about fundamental principles of prescribing	Fundamental principles of prescribing • Prescriptive role of nurse practitioners: Introduction • Legal and ethical issues related to prescribing • Principles of prescribing • Steps of prescribing	Completion of module on Fundamental principles of prescribing	• Short answer • Assignments of evaluation

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TEXT BOOKS :

1.	Rang, H. P., Dale, M. M., Ritter, J. M., Flower, R. J., & Henderson, G. (2019). Rang & Dale's pharmacology (9th ed.). Elsevier.
2.	Katzung, B. G., Vanderah, T. W., & Trevor, A. J. (2021). Basic and clinical pharmacology (15th ed.). McGraw-Hill Education.
3.	Tripathi, K. D. (2018). Essentials of medical pharmacology (8th ed.). Jaypee Brothers Medical Publishers.
4.	Brunton, L. L., Hilal-Dandan, R., & Knollmann, B. C. (2018). Goodman & Gilman's: The pharmacological basis of therapeutics (13th ed.). McGraw-Hill Education.
5.	Neal, M. J. (2020). Medical pharmacology at a glance (9th ed.). Wiley-Blackwell

REFERENCE BOOKS :

1.	Rang, H. P., Dale, M. M., Ritter, J. M., Flower, R. J., & Henderson, G. (2019). Rang & Dale's pharmacology (9th ed.). Elsevier.
2.	Katzung, B. G., Vanderah, T. W., & Trevor, A. J. (2021). Basic and clinical pharmacology (15th ed.). McGraw-Hill Education.
3.	Tripathi, K. D. (2018). Essentials of medical pharmacology (8th ed.). Jaypee Brothers Medical Publishers.
4.	Brunton, L. L., Hilal-Dandan, R., & Knollmann, B. C. (2018). Goodman & Gilman's: The pharmacological basis of therapeutics (13th ed.). McGraw-Hill Education.
5.	Neal, M. J. (2020). Medical pharmacology at a glance (9th ed.). Wiley-Blackwell

WEB REFERENCES :

1.	https://medlineplus.gov/druginformation.html
2.	https://www.drugs.com
3.	https://www.who.int/teams/health-product-policy-and-standards/essential-medicines
4.	https://www.fda.gov/drugs
5.	https://pubchem.ncbi.nlm.nih.gov

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MANDATORY MODULE

1. FUNDAMENTALS OF PRESCRIBING (Pharmacology II)

PLACEMENT: IV SEMESTER

Theory: 20 hours (Few hours of practice can be planned in skill lab/simulation lab)

Module Overview: The module covers the prescriptive role of nurses particularly nurse practitioners, legal issues relevant to prescribing, and principles, process, and steps of prescribing. Further the students will be oriented to prescribing competencies.

COURSE OUTCOMES:

After completion of the course, the students will be able to

CO1 :	Identify the prescriptive role of nurses, midwives, and nurse practitioners at national and international levels.
CO2 :	Discuss professional, legal, and ethical issues relevant to prescribing practice.
CO3 :	Enumerate the principles of prescribing and factors influencing it.
CO4 :	Explain the process and steps of prescribing.
CO5 :	Identify the prescribing competencies.

Learning Activities:

- Lectures and demonstration
- Self-study/Reading assignments
- Written assignments
- Practice in Skill/Simulation Lab

Assessment Methods:

- Test paper (Objective type/short answer/situation type) - 20 marks
- Assignments - 10 marks
- OSCE (Prescribing competencies) - 20 marks

Weightage to Internal Assessment: 10 marks to be added to internal marks to make up the total of 40 marks.

CONTENT OUTLINE

T - Theory, P - Practical

Unit	Time (Hours)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
I	T-4	Identify the prescriptive role of nurses, midwives, and nurse practitioners at national and international levels.	Introduction • Background • Prescriptive role of nurses and nurse practitioners • Prescribing terminology	• Lecture • Discussion	• MCQ • Short answers

II	T-6	Discuss professional, legal, and ethical issues relevant to prescribing practice.	Professional, legal, and ethical issues relevant to prescribing practice. - Professional issues - Legal issues - Ethical issues	- Lecture - Discussion - Guided reading	- Short answers - Written assignments
III	T-4	Enumerate the principles of prescribing and factors influencing it.	Principles of prescribing - Principles - Factors influencing prescribing	- Lecture & discussion - Self-study & Guided reading	Short answers
IV	T-6	Explain the process and steps of prescribing. Identify the prescribing competencies and develop basic prescribing competencies	Process of prescribing and competencies - Steps of prescribing - Prescribing competencies	- Lecture & discussion - Review of Case studies - Field Observation and skill lab practice	- Short answers - Observation report - OSCE

Learning Resource: Fundamentals of Prescribing Module prepared by INC, given below

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PATHOLOGY II

U24NST401	Course Name PATH (II) 210 Pathology II and Genetics	T	L	C	Cr	Total
		20	-	-	1	20

COURSE OUTCOMES:

After completion of the course, the students will be able to

CO1 :	Apply the knowledge of pathology in understanding the deviations from normal to abnormal pathology
CO2 :	Rationalize the various laboratory investigations in diagnosing pathological disorders
CO3 :	Demonstrate the understanding of the methods of collection of blood, body cavity fluids, urine and feces for various
CO4 :	tests
CO5 :	Apply the knowledge of genetics in understanding the various pathological disorders 5.
CO6:	Rationalize the specific diagnostic tests in the detection of genetic abnormalities.
CO7:	Demonstrate the understanding of various services related to genetics.

T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	5 (T)	Explain pathological changes in disease conditions of various systems	Special Pathology: Pathological changes in disease conditions of selected systems • Kidneys and Urinary tract • Glomerulonephritis • Pyelonephritis • Renal calculi • Cystitis • Renal Cell Carcinoma • Renal Failure (Acute and Chronic) • Male genital systems • Cryptorchidism • Testicular atrophy • Prostatic hyperplasia • Carcinoma penis and Prostate. • Female genital system • Carcinoma cervix • Carcinoma of endometrium • Uterine fibroids • Vesicular mole and Choriocarcinoma	• Lecture • Discussion • Explain using slides, X-rays and scans • Visit to pathology lab, endoscopy unit and OT	• Short answer • Objective type

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			• Ovarian cyst and tumors • Breast • Fibrocystic changes • Fibroadenoma • Carcinoma of the Breast • Central nervous system • Meningitis. • Encephalitis • Stroke • Tumors of CNS		
II	5 (T)	Describe the laboratory tests for examination of body cavity fluids, urine and faeces	Clinical Pathology ☐ Examination of body cavity fluids: - o Methods of collection and examination of CSF and other body cavity fluids (sputum, wound discharge) specimen for various clinical pathology, biochemistry and microbiology tests ☐ Analysis of semen: - o Sperm count, motility and morphology and their importance in infertility ☐ Urine: - o Physical characteristics, Analysis, Culture and Sensitivity ☐ Faeces: - o Characteristics - o Stool examination: Occult blood, Ova, Parasite and Cyst, Reducing substance etc. - o Methods and collection of urine and faeces for various tests ☐ Analysis of semen: - o Sperm count, motility and morphology and their importance in infertility ☐ Urine: - o Physical characteristics, Analysis, Culture and Sensitivity ☐ Faeces:	• Lecture • Discussion • Visit to clinical lab and biochemistry lab	• Short answer • Objective type

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			○ Characteristics ○ Stool examination: Occult blood, Ova, Parasite and Cyst, Reducing substance etc. ○ Methods and collection of urine and faeces for various tests		
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GENETICS COURSE OUTLINE

T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	2 (T)	Explain nature, principles and perspectives of heredity	Introduction: • Practical application of genetics in nursing • Impact of genetic condition on families • Review of cellular division: mitosis and meiosis • Characteristics and structure of genes • Chromosomes: sex determination • Chromosomal aberrations • Patterns of inheritance • Mendelian theory of inheritance • Multiple allots and blood groups • Sex linked inheritance • Mechanism of inheritance • Errors in transmission (mutation)	• Lecture • Discussion • Explain using slides	• Short answer • Objective type

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Dr. J. S. Kumar

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Dr. K. R. S. Kumar

II	2 (T)	Explain maternal, prenatal and genetic influences on development of defects and diseases	Maternal, prenatal and genetic influences on development of defects and diseases • Conditions affecting the mother: genetic and infections • Consanguinity atopy • Prenatal nutrition and food allergies • Maternal age • Maternal drug therapy • Prenatal testing and diagnosis • Effect of Radiation, drugs and chemicals • Infertility • Spontaneous abortion • Neural Tube Defects and the role of folic acid in lowering the risks • Down syndrome (Trisomy 21)	• Lecture • Discussion • Explain using slides	• Short answer • Objective type
III	2 (T)	Explain the screening methods for genetic defects and diseases in neonates and children	Genetic testing in the neonates and children □ Screening for - o Congenital abnormalities - o Developmental delay - o Dysmorphism	• Lecture • Discussion • Explain using slides	• Short answer • Objective type
IV	2 (T)	Identify genetic disorders in adolescents and adults	Genetic conditions of adolescents and adults • Cancer genetics: Familial cancer • Inborn errors of metabolism • Blood group alleles and hematological disorder • Genetic haemochromatosis • Huntington's disease • Mental illness	• Lecture • Discussion • Explain using slides	• Short answer • Objective type
V	2 (T)	Describe the role of nurse in genetic services and counselling	Services related to genetics • Genetic testing • Gene therapy • Genetic counseling • Legal and Ethical issues • Role of nurse	• Lecture • Discussion	• Short answer • Objective type

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TEXT BOOKS :

- | | |
|----|--|
| 1. | Robbins & Cotran Pathologic Basis of Disease – Kumar, Abbas & Aster |
| 2. | Basic Pathology – Vinay Kumar, Abul K. Abbas, Jon C. Aster |
| 3. | Textbook of Pathology for Nurses – Harsh Mohan / K. Jayalakshmi (Nursing oriented) |
| 4. | Concise Pathology – Parakrama Chandrasoma & R.S. Rennert |
| 5. | Pathology for Nurses – Bhagwan Das / S. Balachandran (Indian Nursing context) |

REFERENCE BOOKS :

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|----|---|
| 1. | Concise Pathology – Parakrama Chandrasoma & R.S. Rennert |
| 2. | Essentials of Pathology – Harsh Mohan |
| 3. | Parasitology & Pathology for Nurses – K. Jayalakshmi (Nursing book) |
| 4. | Pathology for Nurses – Bhagwan Das / S. Balachandran (Indian Nursing context) |
| 5. | Foundation in Pathology – Ramadas Nayak |

WEB REFERENCES :

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|----|---|
| 1. | https://in.pearson.com/content/dam/region-growth/india/pearson-india/in-pdc/pdf/new-catalog-pdf/Catalogue-Nursing-and-Pharma-2025.pdf?utm |
| 2. | https://books.google.com/books/about/Genetics_for_Nurses.html?id=XhiakCv9LF4C&utm |
| 3. | https://canestar.com/free-genetics-notes-bsc-nursing/?utm |



U24NST402	N-AHN (II) 225 Adult Health Nursing II with integrated pathophysiology including Geriatric Nursing + Palliative care module	T	L	C	Cr	Total
		140	-	-	7	140

COURSE OUTCOMES:

After completion of the course, the students will be able to

CO1 :	Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of selected common medical and surgical disorders.
CO2 :	Perform complete health assessment to establish a data base for providing quality patient care and integrate the knowledge of diagnostic tests in the process of data collection.
CO3 :	Identify diagnoses, list them according to priority and formulate nursing care plan.
CO4 :	Perform nursing procedures skillfully and apply scientific principles while giving comprehensive nursing care to patients.
CO5 :	Integrate knowledge of anatomy, physiology, pathology, nutrition and pharmacology in caring for patients experiencing various medical and surgical disorders.
CO6:	Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities.
CO7:	Demonstrate skill in assisting/performing diagnostic and therapeutic procedures.
CO8:	Demonstrate competencies/skills to patients undergoing treatment for medical surgical disorders.
CO9:	Identify the drugs used in treating patients with selected medical surgical conditions.
CO10:	Plan and provide relevant individual and group education on significant medical surgical topics.
CO11:	Maintain safe environment for patients and the health care personnel in the hospital.

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	12 (T) 4 (SL)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic measures and medical, surgical, nutritional and nursing	Nursing management of patient with disorders of Ear, Nose and Throat (Includes etiology, pathophysiology, clinical manifestations, diagnostic measures and medical, surgical, nutritional and nursing management) • Review of anatomy and physiology	- Lecture and discussion - Demonstration of hearing aids, nasal packing, medication administration - Visit to audiology and speech clinic	- MCQ - Short answer - Essay - OSCE - Assessment of skill (using checklist) - Quiz

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		management of patients with ENT disorders	of the ear, nose and throat - History, physical assessment, and diagnostic tests Ear - External ear: deformities otalgia, foreign bodies and tumors - Middle ear: impacted wax, tympanic, membrane perforation, otitis media, and tumors - Inner ear: Meniere's disease, labyrinthitis, ototoxicity tumors - Upper respiratory airway infections: Rhinitis, sinusitis, tonsillitis, laryngitis - Epistaxis, Nasal obstruction, laryngeal obstruction Deafness and its management		Drug book
II	12 (T) 4 (SL)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with disorders of eye scribe eye donation, banking and transplantation	Nursing management of patient with disorder of eye - Review of anatomy and physiology of the eye - History, physical assessment, diagnostic assessment Eye Disorders - Refractive errors - Eyelids: infection, deformities - Conjunctiva: inflammation and infection bleeding - Cornea: inflammation and infection - Lens: cataract - Glaucoma - Retinal detachment - Blindness e donation, banking and transplantation	- Lecture and discussion - Demonstration of visual aids, lens, medication administration - Visit to eye bank	- MCQ - Short Essay - OSCE - Drug book

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III	15 (T) (L/SL)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of Kidney and urinary system disorders Demonstrate skill in genitourinary assessment Prepare patient for genitourinary investigations Prepare and provide health education on prevention of renal calculi	Nursing management of patient with Kidney and Urinary problems - Review of Anatomy and physiology of the genitourinary system - History, physical assessment, diagnostic tests - Urinary tract infections: acute, chronic, lower, upper - Nephritis, nephrotic syndrome - Renal calculi - Acute and chronic renal failure - Disorders of ureter, urinary bladder and Urethra - Disorders of prostate: inflammation, infection, stricture, obstruction, and benign Prostate Hypertrophy	- Lecture cum Discussion - Demonstration - Case Discussion - Health education - Drug book - Field visit – Visits hemodialysis unit	- MCQ - Short Note - Long essay - Case report - Submits health teaching on prevention of urinary calculi
IV	6 (T)	plain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of male reproductive disorders	Nursing management of disorders of male reproductive system - Review of Anatomy and physiology of the male reproductive system - History, Physical Assessment, Diagnostic tests - Infections of testis, penis and adjacent structures: Phimosis, Epididymitis, and Orchitis - Sexual dysfunction, infertility, contraception - Male Breast Disorders: gynecomastia, tumor, climacteric changes	- Lecture, Discussion - Case Discussion - Health education	Short essay

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V	10 (T) 4 (SL)	plain the etiology, pathophysiology, clinical manifestations, types, diagnostic measures and management of patients with disorders of burns/cosmetic surgeries and its significance	Nursing management of patient with burns, reconstructive and cosmetic surgery - Review of anatomy and physiology of the skin and connective tissues - History, physical assessment, assessment of burns and fluid & electrolyte loss - Burns - Reconstructive and cosmetic surgery for burns, congenital deformities, injuries and cosmetic purposes, gender reassignment - Legal and ethical aspects - Special therapies: LAD, vacuumed dressing, Laser, liposuction, skin health rejuvenation, use of derma filters	- Lecture and discussion - Demonstration of burn wound assessment, vacuum dressing and fluid calculations - Visit to burn rehabilitation centers	
VI	16 (T) 4 (L/SL)	plain the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with neurological disorders	Nursing management of patient with neurological disorders - Review of anatomy and physiology of the neurological system - History, physical and neurological assessment, diagnostic tests - Headache, Head injuries - Spinal injuries: Paraplegia, Hemiplegia, Quadriplegia - Spinal cord compression: herniation of in vertebral disc - Intra cranial and cerebral aneurysms - Meningitis, encephalitis, brain, abscess, neuro-cysticercosis	- Lecture and discussion - Demonstration of physiotherapy, neuro assessment, tracheostomy care - Visit to rehabilitation center, long term care clinics, EEG, NCV study unit,	

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			• Movement disorders: Chorea, Seizures & Epilepsies • Cerebrovascular disorders: CVA • Cranial, spinal neuropathies: Bell's palsy, trigeminal neuralgia • Peripheral Neuropathies • Degenerative diseases: Alzheimer's disease, Parkinson's disease illain-Barré syndrome, Myasthenia gravis & Multiple sclerosis habilitation of patient with neurological deficit		
VII	12 (T) 4 (L/SL)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of immunological disorders Prepare and provides health education on prevention of HIV infection and rehabilitation Describe the national infection control programs	Nursing management of patients with Immunological problems • Review of Immune system • Nursing Assessment: History and Physical assessment • HIV & AIDS: Epidemiology, Transmission, Prevention of Transmission and management of HIV/AIDS • Role of Nurse; Counseling, Health education and home care consideration and rehabilitation tional AIDS Control Program – NACO, various national and international agencies for infection control	• Lecture, discussion • Case Discussion/ seminar • Refer Module on HIV/AIDS	
VIII	12 (T) 4 (L/SL)	Explain the etiology, pathophysiology, types, clinical manifestations, staging, diagnostic measures and	Nursing management of patient with Oncological conditions • Structure and characteristics of normal and cancer cells	• Lecture and discussion • Demonstration of chemotherapy preparation and administration	• OSCE • Essay • Quiz • Drug book • Counseling, health teaching

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		management of patients with different cancer, treatment modalities including newer treatments	- History, physical assessment, diagnostic tests - Prevention screening early detections warning sign of cancer - Epidemiology, etiology classification, Pathophysiology, staging clinical manifestations, diagnosis, treatment modalities and medical and surgical nursing management of Oncological condition - Common malignancies of various body system eye, ear, nose, larynx, breast, cervix, ovary, uterus, sarcoma, renal, bladder, kidney, prostate Brain, Spinal cord. - Oncological emergencies - Modalities of treatment: Chemotherapy, Radiotherapy: Radiation safety, AERB regulations, Surgical intervention, Stem cell and bone marrow transplant, Immunotherapy, Gene therapy - Psychological aspects of cancer: anxiety, depression, insomnia, anger - Supportive care - Hospice care	Visit to BMT, radiotherapy units (linear accelerator, brachytherapy, etc.), nuclear medicine unit	
IX	15 (T) (L/SL)	Explain the types, policies, guidelines, prevention and management of disaster and the etiology, pathophysiology, clinical manifestations, diagnostic	Nursing management of patient in Emergency and Disaster situations Disaster Nursing Concept and principles of disaster nursing, Related Policies	- Lecture and discussion - Demonstration of disaster preparedness (Mock drill) and triaging - Filed visit to local disaster management centers	- OSCE - Case presentations and case study

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		measures and management of patients with acute emergencies	- Types of disaster: Natural and manmade - Disaster preparedness: Team, guidelines, protocols, equipment, resources - Etiology, classification, Pathophysiology, staging, clinical manifestation, diagnosis, treatment modalities and medical and surgical nursing management of patient with medical and surgical emergencies – Poly trauma, Bites, Poisoning and Thermal emergencies - Principles of emergency management - Medico legal aspects	or demo by fire extinguishers - Group presentation (role play, skit, concept mapping) on different emergency care Refer Trauma care management/ ATCN module - Guided reading on National Disaster Management Authority (NDMA) defines	
X	10 (T)	Explain the Concept, physiological changes, and psychosocial problems of ageing scribe the nursing management of the elderly	Nursing care of the elderly - History and physical assessment - Aging process and age-related body changes and psychosocial aspects - Stress and coping in elder patient - Psychosocial and sexual abuse of elderly - Role of family and formal and nonformal caregivers - Use of aids and prosthesis (hearing aids, dentures) - Legal and ethical issues - National programs for elderly, privileges, community programs and health services - Home and institutional care	- Lecture and discussion - Demonstration of communication with visual and hearing impaired - Field visit to old age homes	- OSCE - Case presentations - Assignment on family systems of India focusing on geriatric population

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XI	15 (T) 3 (L/SL)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients in critical care units	Nursing management of patients in critical Care units - Principles of critical care nursing - Organization: physical set-up, policies, staffing norms - Protocols, equipment and supplies - Use and application of critical care biomedical equipment: ventilators, cardiac monitors, defibrillators, infusion pump, Resuscitation equipment and any other - Advanced Cardiac Life support - Nursing management of critically ill patient - Transitional care - Ethical and Legal Aspects - Breaking Bad News to Patients and/or their families: Communication with patient and family - End of life care	- Lecture and discussion - Demonstration on the use of mechanical ventilators, cardiac monitors etc. - clinical practice in different ICUs	- Objective type - Short notes - Case presentations assessment of skill on monitoring of patients in ICU. Written assignment on ethical and legal issues in critical care
XII	5 (T)	Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with occupational/ industrial health disorders	Nursing management of patients occupational and industrial disorders - History, physical examination, Diagnostic tests - Occupational diseases and management	- Lecture and discussion - Industrial visit	☐ Assignment on industrial health hazards

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TEXT BOOKS :

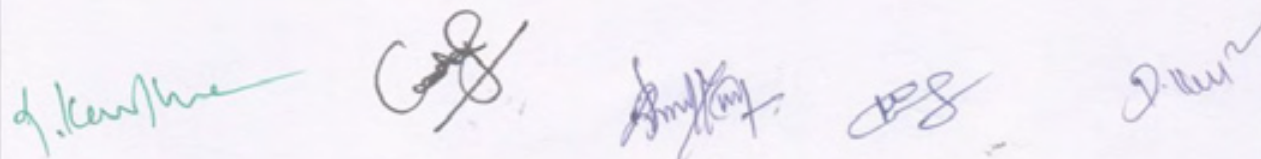
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| 1. | Brunner (V), Medical Surgical Nursing , LWW, 10th Edition. |
| 2. | Ignatavicius, Critical Thinking for Collaborative Care, Elsevier, 5th Edition |
| 3. | Black, Medical Surgical Nursing: Clinical Management for positive outcomes, Elsevier, 7th Edition. |
| 4. | Willams, Understanding Medical Surgical Nursing, Jaypee, 3rd Edition. |
| 5. | Timby, Introductory Medical Surgical Nursing, LWW, 9th Edition. |

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| 1. | Gulanick, Nursing Care Plans: Nursing Diagnosis & Interventions, Mosby, 5th edition |
| 2. | 8. Lippincott's Manual of Nursing Practice, Jaypee , Edition. |
| 3. | 9. Ulrich, Nursing Care Planning Guides: For adults in acute extended & Home care settings, Elsevier, 6th edition. |
| 4. | Phillip, Berry & Kohn's Operating room techniques, Elsevier, 11th Edition. |
| 5. | White, Foundations of Adulth Health Nursing, Thompson, 2nd edition. |

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| 1. | https://openstax.org/subjects/nursing?utm |
| 2. | https://assets.openstax.org/oscms-prodcms/media/documents/Medical-Surgical_Nursing-WEB.pdf?utm |
| 3. | https://www2.openstax.org/fa25-nursing?utm |



U24NSP403	N-AHN (II) 225 Adult Health Nursing II with integrated pathophysiology including Geriatric Nursing + Palliative care module	T	L	C	Cr	Total
			40	480	1+6	520

PRACTICE COMPETENCIES:

On completion of the clinical practicum, the students will develop proficiency in applying nursing process and critical thinking in rendering holistic nursing care including rehabilitation to the adult/geriatric patients admitted in Critical Care Units, undergoing cosmetic and reconstructive surgery and with selected medical & surgical disorders of ear, nose, throat, eye, Genitourinary, reproductive, immunologic, nervous systems and in emergency/disaster conditions.

COURSE OUTCOMES:

After completion of the course, the students will be able to

CO1 :	1. Utilize the nursing process in providing care to the sick adults in the hospital a. Perform complete health assessment to establish a data base for providing quality patient care. b. Integrate the knowledge of diagnostic tests in patient assignment. c. Identify nursing diagnoses and list them according to priority. d. Formulate nursing care plan, using problem solving approach. e. Apply scientific principles while giving nursing care to patients. f. Develop skill in performing nursing procedures applying scientific principle. g. Establish/develop interpersonal relationship with patients and family members. h. Evaluate the expected outcomes and modify the plan according to the patient needs.
CO2 :	Provide comfort and safety to adult patients in the hospital.
CO3 :	Maintain safe environment for patients during hospitalization.
CO4 :	Explain nursing actions appropriately to the patients and family members.
CO5 :	Ensure patient safety while providing nursing procedures.
CO6:	Assess the educational needs of the patient and their family related to medical and surgical disorders and provide appropriate health education to patients.
CO7:	Provide pre, intra and post-operative care to patients undergoing surgery.
CO8:	Integrate knowledge of pathology, nutrition and pharmacology for patients experiencing selected medical and surgical disorders.
CO9:	Integrate evidence-based information while giving nursing care to patients.
CO10:	Demonstrate the awareness of legal and ethical issues in nursing practice.

I. Nursing Management of Patients with ENT Disorders

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A. Skill Lab

Use of manikins and simulators

- Tracheostomy care
- Instilling Ear and Nasal medications
- Bandage application.

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
ENT Ward and OPD	2	Provide care to patients with ENT disorders Educate the patients and their families	• Examination of ear, nose, throat and History taking • Applying bandages to Ear, Nose • Tracheostomy care • Preparation of patient, assisting and monitoring of patients undergoing diagnostic procedures o Auditory screening tests o Audiometric tests • Preparing the patient and assisting in special procedures like Anterior/posterior nasal packing, Ear Packing and Syringing • Preparation and after care of patients undergoing ENT surgical procedures • Instillation of drops/medication	• ENT assessment –1 • Case study/ Clinical presentation – 1	• Clinical evaluation • OSCE • Case report study/ Clinical presentation

II. Nursing Management of Patients with Eye Conditions

A. Skill Lab

Use of manikins and simulators

- Instilling Eye medications
- Eye irrigation
- Eye bandage

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Ophthalmology unit	2	Develop skill in providing care to patients with Eye disorders Educate the patients and	• History taking, Examination of eyes and interpretation • Assisting procedures o Visual acuity - o Fundoscopy, retinoscopy, ophthalmoscopy,	• Eye assessment – 1 • Health teaching • Case study/ Clinical Presentation– 1	• Clinical evaluation • OSCE • Clinical presentation

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		their families	• Pre and post-operative care • Instillation of drops/ medication • Eye irrigation • Application of eye bandage • Assisting with foreign body removal		

III. Nursing Management of Patients with Kidney and Urinary System Disorders

A. Skill Lab

Use of manikins and simulators

- Assessment: kidney & urinary system
- Preparation: dialysis
- Catheterization and care

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Renal ward/ nephrology ward including Dialysis unit	2	Develop skill in Management of patients with urinary, male reproductive problems	☐ Assessment of kidney and urinary system o History taking o Physical examination o Testicular self-examination o digital rectal exam ☐ Preparation and assisting with diagnostic and therapeutic procedures o Cystoscopy, Cystometrogram, o Contrast studies: IVP etc. o Peritoneal dialysis o Hemodialysis, o Lithotripsy o Specific tests: Semen analysis, gonorrhoea test, Renal/ Prostate Biopsy etc.	• Assessment – 1 • Drug presentation – 1 • Care study/ Clinical presentation – 1 Preparing and assisting in hemodialysis	• Clinical evaluation • Care plan • OSCE • Quiz • Drug presentation

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			• Catheterization: care • Bladder irrigation • I/O recording and monitoring		
			Ambulation and exercise		

IV. Nursing Management of Patients with Burns and Reconstructive Surgery

A. Skill Lab

Use of manikins and simulators

- Assessment of burns wound
- Wound dressing

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Burns unit/ reconstructive surgical unit	2	Develop skill in burns assessment and providing care to patients with different types of burns Develop skill in providing care to patients with different types of cosmetic and reconstructive surgeries	• Assessment of burns • First aid of burns • Fluid & electrolyte replacement therapy • Skin care • Care of Burn wounds □ Bathing □ Dressing • Pre-operative and postoperative care of patients • Caring of skin graft and post cosmetic surgery • Rehabilitation	• burn wound assessment – 1 • care study/case presentation – 1	• Clinical evaluation, • Care study/case report

V. Nursing Management of Patients with neurological disorders

A. Skill Lab

Use of manikins and simulators

- Range of motion exercises
- Muscle strengthening exercises
- Crutch walking

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B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Neurology medical/ Surgery wards	3	Develop skill in Management of patients with Neurological problems	- History taking; Neurological Examination - Patient monitoring - Prepare and assist for various invasive and non-invasive diagnostic procedures - Range of motion exercises, muscle strengthening - Care of medical, surgical and rehabilitative patients	- Neuro-assessment –1 - Case study/ case presentation –1 - Drug presentation –1	- Clinical evaluation - Neuro assessment - OSCE - Case report/ presentations

VI. Nursing Management of Patients with Immunological Disorders

A. Skill Lab

- Barrier Nursing
- Reverse Barrier Nursing

Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Isolation ward/ Medical ward	1	Develop skill in the Management of patients with immunological disorders	- History taking - Immunological status assessment (e.g. HIV) and Interpretation of specific tests - Caring of patients with low immunity - Practicing of standard safety measures, precautions/barrier nursing/reverse barrier/isolation skills	- Assessment of immune status - Teaching of isolation to patient and family care givers - Nutritional management - Care Note – 1	- Care note - Quiz - Health Teaching

VII. Nursing Management of Patients with disorders of Oncological conditions

A. Skill Lab

Use of manikins and simulators

- Application of topical medication
- Administration of chemotherapy

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B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Oncology wards (including day care radiotherapy unit)	3	Develop skill in providing care to patients with oncological disorders	- History taking & physical examination of cancer patients - Screening for common cancers: TNM classification - Preparation, assisting and after care patients undergoing diagnostic procedures ☐ Biopsies/FNAC ☐ Pap smear ☐ Bone-marrow aspiration ☐ Various modalities of treatment ☐ Chemotherapy ☐ Radiotherapy ☐ Pain management ☐ Stoma therapy ☐ Hormonal therapy ☐ Immuno therapy ☐ Gene therapy ☐ Alternative therapy - Stoma care and feeding - Caring of patients treated with nuclear medicine - Rehabilitation	- Assessment – 1 - Care study/ clinical presentation – 1 - Pre and postoperative care of patient with various modes of cancer treatment - Teaching on BSE to family members - Visit to palliative care unit	- Clinical evaluation - Care study - Quiz - Drug book

VIII. Nursing Management of Patients in emergency conditions

A. Skill Lab

Use of manikins and simulators

- Assessment: primary and secondary survey
 - Trauma care: bandaging, wound care, splinting, positions

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B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Emergency room/ Emergency unit	2	Develop skill in providing care to patients with emergency health problems	• Practicing 'triage' • Primary and secondary survey in emergency • Examination, investigations & their interpretations, in emergency & disaster situations • Emergency care of medical and traumatic injury patients • Documentations, assisting in legal procedures in emergency unit • Managing crowd • Counseling the patient and family in dealing with grieving & bereavement	• Triage • Immediate care • Use of emergency trolley	• Clinical evaluation • Quiz

IX. Nursing Management of geriatric patients

A. Skill Lab

Use of manikins and simulators

- ☐ Use of assistive safety devices

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Geriatric ward	1	Develops skill in geriatric assessment and providing care to patients with geriatric illness	☐ History taking and assessment of Geriatric patient	• Geriatric assessment – 1 • Care of normal and geriatric patient with illness • Fall risk assessment – 1 • Functional status assessment – 1	• Clinical evaluation • Care plan

X. Nursing Management of Patients in critical care units

A. Skill Lab

Use of manikins and simulators

- Assessment critically ill
- ET tube set up –suction
- TT suction
- Ventilator set up
- Chest drainage

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- Bag mask ventilation
- Central & Peripheral line
- Pacemaker

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Critical Care Unit	2	Develop skill in assessment of critically ill and providing care to patients with critical health conditions	• Assessment of critically ill patients • Assisting in arterial puncture, ET tube intubation & extubation • ABG analysis & interpretation - respiratory acidosis, respiratory alkalosis, metabolic acidosis, metabolic alkalosis • Setting up of Ventilator modes and settings and care of patient on a ventilator • Set up of trolley with instruments • Monitoring and maintenance of Chest drainage system • Bag and mask ventilation • Assisting and maintenance of Central and peripheral lines invasive • Setting up of infusion pump, defibrillator, • Drug administration-infusion, intra cardiac, intrathecal, epidural, • Monitoring pacemaker • ICU care bundle • Management of the dying patient in the ICU	• Hemodynamic monitoring • Different scales used in ICU • Communicating with critically ill patients	• Clinical evaluation • OSCE • RASS scale assessment • Use of VAE bundle VAP, CAUTI, BSI • Case Presentation

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2. PALLIATIVE CARE (Adult Health Nursing II)

PLACEMENT: IV SEMESTER

Theory & Practical: 20 hours

Theory: 15 hours

Practical: 5 hours

Module Overview: This module is designed to help students to develop in-depth knowledge, competencies, and a positive approach in providing quality palliative care to persons suffering from chronic illnesses and resultant health problems in variety of settings, collaborating supportive services.

COURSE OUTCOMES:

After completion of the course, the students will be able to

CO1 :	Explain the concept and significance of palliative care.
CO2 :	Identify the need for palliative care.
CO3 :	Discuss the importance and techniques of effective communication in palliative care
CO4 :	Demonstrate skill in assessment, management and evaluation of pain and common symptoms
CO5 :	Provide optimum nursing care to relieve symptoms and promote comfort.
CO6:	Demonstrate competency in performing nursing procedures related to palliative care
CO7:	Assist the patient to experience maximum Quality of Life.
CO8:	Support patient and family for home care and to cope with the terminal phase of illness
CO9:	Observe ethical and legal principles binding palliative care.

Learning Activities:

- Lectures and demonstration
- Self-study/Reading assignments
- Written assignments
- Practice in Skill/Simulation Lab

Assessment Methods:

- Test paper (Objective type/short answer/situation type) - 20 marks
- Assignments - 10 marks
- OSCE (Health assessment & Symptom management competencies) - 20 marks

Weightage to Internal Assessment: 10 marks to be added to internal marks to make up the total of 40 marks.

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CONTENT OUTLINE

T - Theory, P - Practical

Unit	Time (Hours)	Learning Outcome	Content	Teaching/Learning Activities	Assessment Methods
I	2	Explain the concept significance of palliative care. Identify the need for palliative care.	Palliative Care • Evolution, and History • Concept of palliative care • Significance • Components • Differences between conventional and palliative care approaches • Ethical aspects • Need for palliative care	• Lecture cum discussion	• MCQ • Short answers
II	2	Discuss different aspects of effective communication. Describe how to deal with extremes of emotions	Communication Skills • Effective communication - needs and barriers • Non-verbal communication • Learning to communicate patients with advanced and progressive diseases • Communicating bad news • Managing collusion • Managing anger and denial	• Review • Discussion • Simulation • Case Scenario	• MCQ • Short answers • Role play
III	8 (T) 2 (P)	Demonstrate skill in assessment, management and evaluation of pain and other common symptoms Apply non-pharmacological and pharmacological Nursing interventions for pain relief. Render optimum nursing care to relieve symptoms and to promote comfort.	Nursing Management of Symptoms • Holistic approach in symptom assessment and management, • Pain - concept, assessment and evaluation of pain, patho-physiology of chronic pain, • WHO ladder for pain management, Morphine – steps in calculating dose for oral morphine, management of opioid overdose and side effects, • Nursing interventions for management of pain • Management of dyspnoea, Nausea and vomiting, Constipation, Diarrhoea • Nutrition and Hydration • Fatigue and Powerlessness	• Review • Discussions • Demonstration	• Case study • Written assignment • Essay

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		Prepare the patient and caregiver for continued care.	• Anxiety, Social isolation • Spiritual distress • Impaired physical mobility • Self-care deficit • Delirium • Caregiver role strain		
IV	1 (T) 3 (P)	Demonstrate competency in performing nursing procedures related to palliative care.	Nursing Procedures • Wound care • Colostomy care • Subcutaneous injection • Oral hygiene • Naso-gastric tube management • Tracheotomy care • Assisting in thoracentesis • Assisting in indwelling ascitic catheter placement • Lymphoedema management • Bladder care	• Review and discussions • Simulation	• OSCE
V	2 (T)	Discuss measures to improve Quality of Life. Explain care in the terminal phase, loss and grieving process. Observe ethical and legal principles applied to palliative care.	Optimization of care • Quality of Life • Essential care • Anticipatory prescription • Dying with dignity • Care during the terminal phase • Ethics based decision making • Death and dying, end of life • Support to the care giver and family	• Review and discussion • Case scenario • Observation visit to a palliative care facility	• Short answers • Observation Visit Report

References:

- Rajagopal, M. R. (2015). An Indian Primer of Palliative care for medical students and doctors. Kerala: Trivandrum Institute of palliative science publication.
- Palliative care module prepared by WHO CC of Trivandrum and Calicut (Latest version to be used as and when available)

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U24NST404	Course Name PROF 230 Professionalism, Professional Values and Ethics including bioethics	T	L	C	Cr	Total
		20	-	-	1	20

COURSE OUTCOMES:

After completion of the course, the students will be able to

CO1 :	Describe profession and professionalism.
CO2 :	Identify the challenges of professionalism.
CO3 :	Maintain respectful communication and relationship with other health team members, patients and society.
CO4 :	Demonstrate professional conduct.
CO5 :	Describe various regulatory bodies and professional organizations related to nursing.
CO6:	Discuss the importance of professional values in patient care.
CO7:	Explain the professional values and demonstrate appropriate professional values in nursing practice.
CO8:	Demonstrate and reflect on the role and responsibilities in providing compassionate care in the healthcare setting.
CO9:	Demonstrate respect, human dignity and privacy and confidentiality to self, patients and their caregivers and other health team members.
CO10:	Advocate for patients' wellbeing, professional growth and advancing the profession.
CO11:	Identify ethical and bioethical concerns, issues and dilemmas in nursing and healthcare.
CO12:	Apply knowledge of ethics and bioethics in ethical decision making along with health team members.
CO13:	Protect and respect patient's rights.

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COURSE OUTLINE

T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	5 (T)	Discuss nursing as a profession Describe the concepts and attributes of professionalism Identify the challenges of professionalism Maintain respectful communication and relationship with other health team members, patients and society Demonstrate professional conduct Respect and maintain professional boundaries between patients, colleagues and society	PROFESSIONALISM Profession • Definition of profession • Criteria of a profession • Nursing as a profession Professionalism • Definition and characteristics of professionalism • Concepts, attributes and indicators of professionalism • <i>Challenges of professionalism</i> ○ Personal identity vs professional identity ○ Preservation of self-integrity: threat to integrity, Deceiving patient: withholding information and falsifying records ○ Communication & Relationship with team members: Respectful and open communication and relationship pertaining to relevant interests for ethical decision making ○ Relationship with patients and society Professional Conduct • Following ethical principles • Adhering to policies, rules and regulation of the institutions • Professional etiquettes and behaviours • Professional grooming: Uniform, Dress code • Professional boundaries: Professional relationship with the patients, caregivers and team members Regulatory Bodies & Professional Organizations: Roles & Responsibilities	• Lecture cum Discussion • Debate • Role play • Case based discussion • Lecture cum Discussion	Short answer • Essay Objective type

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		scribe the roles and responsibilities of regulatory bodies and professional organizations	<i>Regulatory bodies:</i> Indian Nursing Council, State Nursing Council <i>Professional Organizations:</i> Trained Nurses Association of India (TNAI), Student Nurses Association (SNA), Nurses League of Christian Medical Association of India, International Council of Nurses (ICN) and International Confederation of Nurses	Visit to INC, SNC, TNAI	Visit reports
II	5 (T)	Discuss the importance of professional values Distinguish between personal values and professional values Demonstrate appropriate professional values in nursing practice	PROFESSIONAL VALUES - Values: Definition and characteristics of values - Value clarification - Personal and professional values - Professional socialization: Integration of professional values with personal values Professional values in nursing - Importance of professional values in nursing and health care - Caring: definition, and process - Compassion: Sympathy Vs empathy, Altruism - Conscientiousness - Dedication/devotion to work - Respect for the person- Human dignity - Privacy and confidentiality: Incidental disclosure - Honesty and integrity: Truth telling - Trust and credibility: Fidelity, Loyalty - Advocacy: Advocacy for patients, work environment, nursing education and practice, and for advancing the profession	- Lecture cum Discussion - Value clarification exercise - Interactive learning - Story telling - Sharing experiences - Scenario based discussion	- Short answer - Essay - Assessment of student's behavior with patients and families
III	10 (T)	Define ethics & bioethics Explain ethical principles	ETHICS & BIOETHICS Definitions: Ethics, Bioethics and Ethical Principles Beneficence	Lecture cum discussion	- Short answer - Essay - Quiz

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		Identify ethical concerns	• Non-maleficence: Patient safety, protecting patient from harm, Reporting errors • Justice: Treating each person as equal • Care without discrimination, equitable access to care and safety of the public • Autonomy: Respects patients' autonomy, Self-determination, Freedom of choice	• Group discussion with examples • Flipping/selfdirected learning • Role play • Story telling • Sharing experiences	• Reflective diary • Case report • Attitude test • Assessment of assignment
		Ethical issues and dilemmas in health care	Ethical issues and ethical dilemma: Common ethical problems • Conflict of interest • Paternalism • Deception • Privacy and confidentiality • Valid consent and refusal • Allocation of scarce nursing resources • Conflicts concerning new technologies • Whistle-blowing • <i>Beginning of life issues</i> o - Abortion o Substance abuse o - Fetal therapy o Selective deduction - o Intrauterine treatment of fetal conditions o Mandated contraception - o Fetal injury - o Infertility treatment □ <i>End of life issues</i> o - End of life - o - Euthanasia - o Do Not Resuscitate (DNR) □ <i>Issues related to psychiatric care</i> - o Non compliance	• Case based Clinical discussion • Role modeling • Group exercise on ethical decision-making following steps on a given scenario	

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		Explain process of ethical decision making and apply knowledge of ethics and bioethics in making ethical decisions Explain code of ethics stipulated by ICN and C Discuss the rights of the patients and families to make decisions about health care Protect and respect patients' rights	○ Restrain and seclusion ○ Refuse to take food Process of ethical decision making • Assess the situation (collect information) • Identify the ethical problem • Identify the alternative decisions • Choose the solution to the ethical decision • Implement the decision • Evaluate the decision Ethics committee: Roles and responsibilities • Clinical decision making • Research Code of Ethics • International Council of Nurses (ICN) • Indian Nursing Council Patients' Bill of Rights-17 patients' rights (MoH&FW, GoI) 1. Right to emergency medical care 2. Right to safety and quality care according to standards 3. Right to preserve dignity 4. Right to nondiscrimination 5. Right to privacy and confidentiality 6. Right to information 7. Right to records and reports 8. Right to informed consent 9. Right to second opinion 10. Right to patient education 11. Right to choose alternative treatment options if available 12. Right to choose source for obtaining medicines or tests		
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			13. Right to proper referral and transfer, which is free from perverse commercial influences 14. Right to take discharge of patient or receive body of deceased from hospital 15. Right to information on the rates to be charged by the hospital for each type of service provided and facilities available on a prominent display board and a brochure 16. Right to protection for patients involved in clinical trials, biomedical and health research Right to be heard and seek redressal		
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TEXT BOOKS :

1.	Professionalism, Professional Values and Ethics in Nursing – Jaypee Brothers Medical Publishers. Developed to align with the Indian Nursing Council curriculum.
2.	Complimentary Textbook of Professionalism, Professional Values and Ethics Including Bioethics – Elsevier Health Sciences. Designed for B.Sc. Nursing students under the revised INC syllabus.
3.	Essentials for Professionalism, Professional Values & Ethics for B.Sc. Nursing – CBS Publishers & Distributors.
4.	Textbook of Professionalism, Professional Values & Ethics Including Bioethics for B.Sc. Nursing Students – AITBS Publishers.
5.	Professional Nursing: Concepts and Challenges – A widely used international textbook covering professionalism, ethics, leadership, and professional practice.

REFERENCE BOOKS :

1.	Professionalism, Professional Values and Ethics in Nursing – Jaypee Brothers Medical Publishers. Developed to align with the Indian Nursing Council curriculum.
2.	Complimentary Textbook of Professionalism, Professional Values and Ethics Including Bioethics – Elsevier Health Sciences. Designed for B.Sc. Nursing students under the revised INC syllabus.

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3.	Essentials for Professionalism, Professional Values & Ethics for B.Sc. Nursing – CBS Publishers & Distributors.
4.	Textbook of Professionalism, Professional Values & Ethics Including Bioethics for B.Sc. Nursing Students – AITBS Publishers.

WEB REFERENCES :

1.	https://www.nmc.org.uk/students/?utm
2.	https://www.ncsbn.org/resources.page?topic=professional-boundaries&utm
3.	https://www.nursingcenter.com/nursing-student-resources/nursing-issues-and-trends?utm
4.	https://www.nursingcenter.com/nursing-student-resources/nursing-issues-and-trends?utm

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ELECTIVE MODULE

III & IV Semesters (To complete one elective by end of 4th Semester across 1st to 4th Semesters)

Every Module =1 credit=20 Hours

- Human Values
- Diabetes care
- Soft skills

U24NST405	Course Name Soft Skills/Diabetes care/ Human Values	T	L	C	Cr	Total
		20	-	-	1	20

HUMAN VALUES

THEORY: 1 Credit (20 hours)

DESCRIPTION: This module is designed to help students to develop knowledge and attitude towards inculcating human values.

COURSE OUTCOMES:

After completion of the course, the students will be able to

CO1 :	Understand the concept and importance of human values.
CO2 :	Analyze the impact of human values in family, society and profession.
CO3 :	Apply human values in education and clinical practice.

CONTENT OUTLINE

Unit	Time (Hours)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
I	4	Explain the concept of human values, nature and types	Introduction • Introduction to human values - Definition and nature of human values • Types of human values - Different categorization • Instrumental and extrinsic values • Personal and professional values • Examples of human values - cooperation, honesty, caring, compassion, love, respect, sharing, loyalty, appreciation, integrity, discipline, justice, solidarity, civility, non-violence	• Lecture cum discussion • Discuss some of the human values having universal relevance • Value clarification exercise • Role play	• Quiz

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II	4	Understand the significance of human values and in nursing Identify the difference between human, ethical and moral values	Importance of human values • Need and importance of human values • Functions of values • Reflection on individual values • Human values, ethical values and moral values - differences and similarities	• Reflective exercises and report • Sharing in groups • Discuss lessons from the lives and teachings of great leaders, reformers and administrators	• Evaluation of reflective report/group work report
III	2	Explore the role of human values in family and society	Role of human values in family and society • Family values • Social standards • Influence of family and society	• Lecture cum discussion	• Short answers
IV	4	Discuss the role of educational institutions in inculcating human values	Role of education and human values • Teachers as role model • Development of accountability, appreciation and helping nature • Discipline as a human value • Value education strategies	• Lecture cum discussion • Case scenario and discussion	• MCQ • Short answers
V	4	Explain the core values at workplace and apply in clinical settings	Professional Values • Professional values - examples • Professional values and Value development in nursing • Core values at workplace, application in clinical settings and implications	• Case scenario and discussion • Application in clinical practice - Reflection	• Evaluation of assignment
VI	2	Explain the influence of culture on values	Values and cross cultural influence • Cultural values • Universal application • Universal declaration of human values and human rights	• Lecture cum discussion • Case scenario and discussion	• Short answers

ASSESSMENT METHODS:

- Test paper (Objective test, Short answers and case scenario and questions) - 30 marks
- Assessment of assignments/skills - 20 marks

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DIABETES CARE

THEORY: 1 Credit (20 hours)

DESCRIPTION: This module is designed to help students to develop knowledge, skill and attitude regarding Diabetes and care.

COURSE OUTCOMES:

After completion of the course, the students will be able to

CO1 :	Understand the concept of NCDs and relevant national programs.
CO2 :	Review the pathophysiology and clinical diagnostic criteria for diabetes.
CO3 :	Analyze the diabetes treatment options such as medication, diet, exercise and life style modifications.
CO4:	Apply the principles and demonstrate self-management skills to achieve diabetes control .
CO5:	Identify onset of complications and provide means of seeking appropriate and timely help.
CO6:	Demonstrate understanding of recent updates in diabetes.

CONTENT OUTLINE

Unit	Time (Hours)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
I	2	Explain the concept of NCDs and national NCD programs	Introduction • Introduction to Diabetes as Non communicable disease burden - global & national - Review • Diabetes risk factors, preventive measures & risk reduction measures • Role of nurse in national programs relevant to Diabetes prevention, control and care	• Lecture cum discussion • Directed reading and assignments	• Quiz
II	4	Recall and discuss the pathophysiology of Diabetes, its clinical characteristics and diagnostic criteria	Pathophysiology and diagnosis of Diabetes • Review - structure & functions involved in key organs relating to diabetes (pancreas, liver, muscle, adipose tissue & kidney) • Relationship between blood glucose and insulin • Prediabetes condition • Types of Diabetes - Type I & II	• Review • Case scenario and discussion • Sharing in groups	• Evaluation of group work report

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			• Screening • Symptoms • Diagnostic Criteria		
III	4	Discuss the available treatment options	Diabetes treatment options • <i>Life style modifications</i> • <i>Diet therapy</i> • <i>Exercise</i> • <i>Medical therapy</i> ○ Oral antidiabetic agents used to treat diabetes - otypes, actions, side effects and contraindications ○ Combination treatment regimen ○ Medication considerations in elderly ○ Insulin therapy - Types, regimen, preparation and administration Recent advances in medication therapy	• Drug study • Written assignments	• Quiz • Test paper • Evaluation of written assignments
IV	3	Identify complications and provide timely support in management of complications	Complications of diabetes Diagnosis and management of • Hypoglycemia • Hyperglycemia • Diabetic ketoacidosis • Macrovascular complications • Diabetic retinopathy • Diabetic nephropathy • Neuropathy Gestational diabetes in pregnancy	• Lecture cum discussion • Case study	• Short answers • Essay • Case study reports
V	5	Identify the challenges of living with diabetes Achieve effective self-management skills	Self-Management • Challenges of living with diabetes • Role of self-care in diabetes management • Effective self-management skills to attain and maintain diabetes control • Monitoring blood glucose levels -methods to monitor diabetes control and analysis	• Lecture cum discussion • Demonstration • Practice	• Short answers • OSCE

A. Karim

CS

Dr. H. A. Khan

CS

Dr. A. H. Khan

			of blood glucose patterns Nutrition therapy • Nutritional needs of patients with diabetes • Nutritional assessment • Determination of body mass index (BMI), waist-to-hip ratio • Meal planning methods • Problems associated with diet therapy Physical activity • Role of exercise in diabetes management • Components of exercise prescription • Exercise needs assessment • Types of exercises • Benefits of yoga for people with diabetes • Strategies to prevent hypoglycemia during or after exercise Medication therapy • Understanding action, side effects and contraindications • Insulin therapy - preparation and administration • Role of diabetes educator in education and counseling Complication identification and seeking appropriate help	• Meal planning • Role play	• Assessment of meal plan
VI	2	Update the knowledge on diabetes, its management and care Discuss the role of diabetes educator Identify the role of complementary therapies	Recent updates in diabetes • Oral health and diabetes • Managing diabetes during disasters • Recent update on treatment and care modalities • Role of diabetes educator in diabetes care, education, counseling and management Complementary therapies	• Lecture cum discussion • Directed reading	• MCQ • Short answers

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ASSESSMENT METHODS:

- Test paper (Objective test, Short answers and case scenario and questions) - 30 marks
- Assignments - 10 marks
- Assessment of skills (Meal planning) - 10 marks

LEARNING RESOURCES:

- Facilitator manual for training nursing staff on "**Prevention and Management of Non-Communicable Diseases**" developed by People to People Health Foundation (PPHF), 2019

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SOFT SKILLS

TOTAL HOURS: 1 Credit (20 hours)

DESCRIPTION: This module is designed to improve the soft skills of the students and covers important skills required for personal and professional lives such as etiquette, presentation, time management, motivation, decision making and team work.

COURSE OUTCOMES:

After completion of the course, the students will be able to

CO1 :	Identify & perform personal, professional & Social Etiquette
CO2 :	Illustrate Telephone Etiquette
CO3 :	Learn & apply Presentation skills.
CO4:	Be empowered in Public Speaking
CO5:	Practice appropriate time management and use planning tools
CO6:	Incorporate Motivational skills in practice
CO7:	Develop Decision making skills
CO8:	Demonstrate Teamwork in workplace

CONTENT OUTLINE

Unit	Time (Hours)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
I	4	Identify & perform personal, professional & Social Etiquette	Personal Etiquette: • Grooming and personal hygiene • Body language-Postures & facial expressions • Punctuality and respectfulness • Manners Professional Etiquette: • Meeting etiquette • Workplace etiquette • communication etiquette- Oral & written Social Etiquette: • What is Social Etiquette?	• Demonstration return demonstration	• Feedback from faculty and co-students

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S. S. S.

P. S. S.

D. V. S.

			• Why are social skills important? • Types of social skills • Conversational skills - Greetings, listening, interacting • Common courtesies - Thank you, No thank you, Excuse me, May I • Social skill defects Other types: • Classroom etiquette- respectful and punctual, use of cell phone, engagement in the class • Virtual classroom etiquette • Social media etiquette		
II	2	Illustrate Telephone Etiquette	Telephone etiquette: • Introduce yourself first • Clarity of speech • Active listening and take notes • Use appropriate language • Remain cheerful	• Demonstration return Demonstration	• Anonymous Assessment
III	3	Learn & apply Presentation skills.	Presentation Skills: • Introduction • Types of Presentation Skills • Structure • Importance of Presentation skills • Making a Presentation • Delivering a Presentation	• Lecture with discussion	• Sample presentations
IV	2	Empowered in Public Speaking	Public Speaking: • Elements of Public Speaking • Types of Public Speaking • How do you begin a speech • How do you make your speech good • Factors of Public Speaking	• Lecture & Demonstration return Demonstration	• Health talk
V	2	Practice appropriate time management and use planning tools	Time management: • Know how to spend time • Set priorities • Using a Planning Tool • Getting Organised/Schedule time appropriately	• Roleplay	• Adherence to Timeline
VI	2	Incorporate Motivational skills in practice	Motivational skills: • Forming and Changing Habit • Gratitude • Positivity • Mindfulness	• Lecture with discussion	• 360 degree Feedback
VII	2	Develop Decision making skills	Decision making skills: • What is Decision making skills	• Role play	• Critical thinking Competencies

A. Karthi

			• The 5 Decision making skills • Styles of Decision making • How to develop decision making		
VIII	2	Demonstrate Teamwork in workplace	Team work: • Differentiate team/teamwork • Examples of team work skills • Working with different teams • Build a team in your workplace environment	• Lecture with discussion	• Feedback from colleagues

ASSESSMENT METHODS:

- Test paper (Objective test, Short answers and case scenario and questions) - 30 marks
- Assignments - 10 marks
- Assessment of skills (Time management/presentation/etiquette) - 10 marks

A. Kempster

CG

Amir Khan

PS

D. Khan

