

Rajiv Gandhi University of Health Sciences,
Karnataka, Bangalore

The Emblem



The Emblem of the Rajiv Gandhi University of Health Sciences is a symbolic expression of the confluence of both Eastern and Western Health Sciences. A central wand with entwined snakes symbolises Greek and Roman Gods of Health called Hermis and Mercury is adapted as symbol of modern medical science. The pot above depicts Amrutha Kalasham of Dhanvanthri the father of all Health Sciences. The wings above it depicts Human Soul called Hamsa (Swan) in Indian philosophy. The rising Sun at the top symbolises knowledge and enlightenment. The two twigs of leaves in western philosophy symbolises Olive branches, which is an expression of Peace, Love and Harmony. In Hindu Philosophy it depicts the Vanaspathi (also called as Oushadi) held in the hands of Dhanvanthri, which are the source of all Medicines. The lamp at the bottom depicts human energy (kundalini). The script "Devahitham Yadayahu" inside the lamp is taken from Upanishath Shanthi Manthram (Bhadram Karnebhi Shrunuyanadev...), which says "May we live the full span of our lives allotted by God in perfect health" which is the motto of the Rajiv Gandhi University of Health Sciences.

RAJIV GANDHI UNIVERSITY
OF HEALTH SCIENCES

Revised Ordinance Governing
BASIC B.Sc. NURSING DEGREE COURSE
Regulations and Curriculum - 2007

VOLUME II

Cumulative Record of Clinical Experience



*RAJIV GANDHI UNIVERSITY OF
HEALTH SCIENCES KARNATAKA*

4th 'T' Block, Jayanagar, Bangalore 560041

Revised Ordinance Governing
Basic B. Sc. in Nursing Degree Course
Regulations and Curriculum - 2007
Volume - II

[In conformity with Indian Nursing Council,
Post Basic Bachelor of Nursing Syllabus and
Regulations, 2001 year of Revision.
(Annexure to University Notification No.
UA/ORD-8/2005-06 dated 12.09.2005

Published by :

Registrar

Rajiv Gandhi University of Health Sciences
4th 'T' Block, Jayanagar, Bangalore - 560041.

Compiled by :

Director, Prasaranga

Rajiv Gandhi University of Health Sciences
4th 'T' Block, Jayanagar, Bangalore - 560041.
Website: www.rguhs.ac.in

I Edition Printed - 1997

II Edition Printed - 1999

III Edition - 2006

IV Edition - 2010

Price Rs: 125/-

Printed at :

Sri Nanjundasvara Grapiics

No. 195/A, 5th Cross, 6th Main,
Industrial Town, Rajajinagar, Bangalore - 560010.
Mobile: 9448049679

Revised Ordinance Governing Regulations and Curriculum Basic B.Sc. Nursing Degree Course - 2007
VOLUME II
(As per Indian Nursing Council Guidelines of 2004)

- Ref. 1: Annexure to RGUHS Notification No. UA/SYN/ORD/B.Sc.(N)/32/2005-06 Dated: 8-8-2006
2: RGUHS Notification No. AUTH/82/SYN/R/ORD/B.Sc.(N)/422/2009-10 Dated: 13-7-2009
3: ACA/CDC/Amandment/2009-10 Dated: 8-9-2009

CONTENTS

CONTENTS

	Page No.
Nursing Foundations	1
Nursing Foundations - Practical	7
II Year Basic B.Sc. Nursing	
Medical Surgical Nursing - I	8
III Year Basic B.Sc. Nursing	
Community Health Nursing-I	12
Clinical Evaluation Form for Community Health Nursing-I	14
II Year Basic B.sc. Nursing	
I. Midwifery Including Maternity & Gynaecological Nursing - I	18
Medical Surgical Nursing - II	20
III Year Basic B.Sc. Nursing	
III Child Health Nursing	22
Clinical Evaluation Form Child Health Nursing	26
III Year Basic B.Sc. Nursing	
Mental Health Nursing	28
III Year Basic B.Sc. Nursing	
Nursing Education	30
II Year Basic B.sc. Nursing	
I. Midwifery Including Maternity & Gynaecological Nursing - I	32
Community Health Nursing-II	35
IV Year Nursing Administration	37
Clinical Evaluation Form for Community Health Nursing - II	39
Clinical Posting For The (basic) B.sc. Nursing Students	41

FOREWORD

FOREWORD

In August 2009, RGUHS Published the record book to record cumulative professional activities carried out by the students of Basic B.Sc Nursing Course. In accordance with Indian Nursing Council revised syllabus & the recommendation of board of study of Nursing Faculty, the curriculum of B.Sc Nursing and cumulative record of clinical experience was revised. I am happy that this book for recording cumulative clinical experience was prepared under the expert guidance of senior Nursing Faculty.

Every Nursing student should realize the importance of this cumulative record which helps them to document the curriculum and accomplish their task step by step. Also, all the Nursing Faculty should recognize the importance of the clinical training and its monitoring through this record. At the time of University Examination the record is subjected to scrutiny by the examiners, enabling them to know the progress made by the student through out the course. Even this record book helps the appointing authority to know the practical experience gained by the individual nurse during the course. I am sure that this revised record which is comprehensive in its nature, will ensure quality nursing education & will be well received by the students & Nursing Faculty of this University.

Dr. S Ramananda Shetty

Vice-Chancellor

Rajiv Gandhi University of Health Sciences

Bangalore

02 August 2007

THE NIGHTINGALE PLEDGE

*I solemnly pledge myself before God,
And in the presence of this assembly,
to maintain at all times,
the highest standards of nursing care,
and to professional conduct.*

*I will respect the religious beliefs of my patients,
and will hold in confidence,
all personal information entrusted to me,
I will carry out the physicians orders,
Intelligently and loyally,
and in private life, will adhere to the standards of personal ethics,
which will reflect credit upon my profession.*

*I will do my utmost,
to fulfill the fundamental responsibility of a nurse,
which is four fold,
to promote health,
to prevent illness,
to restore health,
and to alleviate suffering.*



*Miss Florence Nightingale
Pioneer of Modern Nursing*



CLINICAL EXPERIENCE RECORD

Name of the Student :

Register No. :

Age and Date of Birth :

Father's Name :

Date of Joining the Course :

Date of Completion :

Permanent address :

Signature of the Student

Signature of the Principal

Date

Date

College Seal

General Objectives

During the clinical posting in the various areas of general, specialities, the nursing students will understand, comprehend and develop skills in performing the various procedures, strictly following the related scientific and rationale for every adopted.

Contributory Objectives

During the clinical postings the student will :

1. Systematically follow the steps of the procedure.
2. Correlate the Knowledge from other disciplines while performing the steps of the procedures.
3. Assemble all articles, required for the procedure
4. Demonstrate skills in performing the procedures accurately.
5. Develop skills in planning, implementing and evaluating the nursing care in different setups, i.e. Hospital and Community.
6. Assess the learning needs of clients, plan and implement the health education.
7. Develop an ability to record and report.

Instructions for use of procedure Record

1. The purpose of maintaining a record of practical work is to ensure that the student nurse has been instructed in various type of Nursing procedures and to record whether or not she/he has performed the procedure to the satisfaction of the clinical instruction.
2. The Purpose of keeping the record in fulfilled only if entries are made regularly and with care. The student's record sheet should be marked every week after a discussion with the students.
3. It is desirable that all procedures should be demonstrated, in the class room before they are carried out in the ward.
4. All the procedures should be signed when the students has done it satisfactorily in classroom as well as in the ward by the respective clinical instructors. In cases which this is not possible, the procedure is signed after return demonstration in the class room only. In such cases the clinical instructor should indicate this by writing C.R. after her signature with a circle around the C.R.
5. No student should be permitted to do any prodecure independently unless she/he obtained a signature for the procedure.
6. Procedures are to be signed after sufficient practice in the clinical area.
7. The student is expected to take responsibility for her/his own learning by :
 - a. Requesting the Clinical Instructor to supervise a procedure she/he needs to have signature.
 - b. Volunteering for experience she/he needs.
 - c. Taking responsibility for obtaining a signature from the clinical instructor who has supervised the procedure, immediately following the successful completion of a procedure.
8. Evaluation of the students performance should be carried out periodically.
9. A student must have all the procedures signed, to be eligible for viva and practical examination for each year and should present the same to the examiner.

NURSING FOUNDATIONS

Sl.No.		Nursing Procedures	Class Room / Lab Demonstration Date & Signature of the teacher		Clinical Demonstration by Student, Date & Sign of the supervisor	
			Date	Signature	Date	Signature
1.		Universal Precautions				
	a.	Hand Washing				
		Medical				
		Surgical				
	b.	Use of Mask				
	c.	Use of gloves				
	d.	Use of Gown				
	e.	Disposal of waste				
2.		Bed Making				
	a.	Unoccupied Bed				
	b.	Occupied Bed				
	c.	Operation Bed				
	d.	Fowler's Bed / Cardiac Bed				
	e.	Open Bed				
	f.	Amputation / Divided Bed				
	g.	Fracture bed				
	h.	Burn's Bed				
3.		Vital Signs				
	a.	Temperature				
		Oral				
		Axillary				
		Rectal				
	b.	Pulse				
	c.	Respiration				
	d.	Blood Pressure				
4.		Admission				
	a.	Prepare Unit for a new Patient				
	b.	Perform admission procedures				
5.		Discharge Preparation				
	a.	Planned discharge				

	b.	Abscond				
	c.	Leaving against medical advice				
	d.	Referrals				
	e.	Transfer				
6.		Positions:				
	a.	Dorsal recumbent				
	b.	Lateral (Rt / Lt)				
	c.	Fowler's				
	d.	Prone				
	e.	Sims				
	f.	Trendelenburg				
	g.	Lithotomy				
7.		Comfort Devices				
	a.	Extra Pillows				
	b.	Back rest				
	c.	Cardiac Table				
	d.	Sand Bag				
	e.	Bed Cradle				
	f.	Trochanter rolls				
	g.	Cotton rings and hand rolls				
	h.	Air cushion				
	i.	Water & Air mattress				
	j.	Foot End Elevator				
8.		Safety Devices				
	a.	Restraints				
	b.	Protective Padding				
	c.	Hygienic Needs				
9.		Hygienic Needs				
	a.	Oral hygiene				
	b.	Bed bath & Perineal care				
	c.	Assisted bath				
	d.	Back care				
	e.	Hair care				
	f.	Bed Shampoo or Hair wash				
	g.	Pediculosis treatment				
10.		Nutritional Needs:				
	a.	Naso-gastric tube				
		Insertion				
		Aspiration				

		Irrigation				
	b.	Tube Feeding				
	c.	Gastrostomy feeding				
	d.	Parenteral feeding				
11.		Elimination Needs				
	a.	Giving and removing Urinal				
	b.	Giving and removing bed pan				
	c.	Urinary Catheterization				
	d.	Urinary Catheter care				
	e.	Condom drainage				
	f.	Bladder irrigation				
	g.	Insertion of flatus tube				
	h.	Insertion of suppository				
	i.	Bowl Wash				
12.		Collection & Observation of Specimen				
	a.	Urine				
		Routine				
		Culture				
		24Hours				
	b.	Urine Test				
		Reaction				
		Specific Gravity				
		Albumin				
		Sugar - Strip / Glucometer				
	c.	Stool or faeces				
		Routine				
		Culture				
	d.	Blood				
		Routine				
		Culture				
		Peripheral smear				
		Sugar (strip / glucometer)				
	e.	Vomitus				
	f.	Throat swab				
13.		Mobility & Exercise				
	a.	Range of motion exercises				
	b.	Changing position of helpless patient				
	c.	Transferring from bed to wheel chair, trolley & back				

	d.	Deep breathing & coughing exercises				
	e.	Chest Physiotherapy				
14.		First Aid and Bandaging				
	a.	First aid for shock				
	b.	First aid for fracture				
		Application of Splints				
		Application of Slings				
	c.	First aid in haemorrhage				
	d.	First aid in other emergencies				
	e.	Basic cardio pulmonary resuscitation				
	f.	Bandaging				
		Simple Spiral				
		Spica				
		Reverse spiral				
		Figure of eight				
		Head / capline				
		Eye, Ear, Jaw, Finger, Elbow, Knee				
		Use of triangular bandage				
		Use of binders				
15.		Therapeutic Measures				
	a.	Hot and Cold applications				
		Hot water bag				
		Sitz bath				
		Cold Compress Ice cap				
		Tepid sponge				
	b.	Oxygen administration				
		Nasal Canula				
		Nasal Catheter				
		Mask, tent, hood				
	c.	Medications				
		Oral				
		Intradermal injection				
		Subcutaneous injection				
		Intra muscular				
	d.	Assisting with intra venous Injection				
	e.	Assisting in Intra venous infusion				
	f.	Assisting in blood transfusion				
	g.	Administration of topical applications				

	h.	Steam inhalation				
	i.	Nebulization				
	j.	Instillation of drops				
		Eye,				
		Ear,				
		Nose				
	k.	Irrigation				
		Eye				
		Ear				
16.		Pre & Post Operative Care				
	a.	Skin Preparation for Surgery-				
	b.	Preparation of Post operative Unit				
	c.	Pre & Post operative teaching and Counselling				
	d.	Pre & Post operative monitoring				
	e.	Care of the wound				
		Dressings				
		Suture care & Removal				
		Care of the drainage				
17.		Care of Dying Patient				
	a.	Terminal care of the Unit				
	b.	Caring and packing of the dead body				
18.		NUTRITION				
	a.	Oral Feeding				
	a.	Naso gastriz feeding				
	a.	Parental				
	a.	Gastrostomy feeding				

REQUIREMENTS:

Care Plans	:	5
Demonstration of Physical examination	:	2
Health Talk	:	1

Remarks

Signature of Principal

Signature of Class Co-ordinator

Practical Examination

1. Nursing Foundation Practical

2. Signature of Internal Examines
Date

Signature of external Examines

Repeat

Signature of Internal Examines
Date

Signature of External Examines

NURSING FOUNDATIONS - PRACTICAL

Name :

Ward :

Date :

Total Marks : 25 x 4 = 100

Key : 1. Unsatisfactory 2. Satisfactory 3. Good 4. Very Good

Sl. No.		1	2	3	4
1.	1.1 Take nursing history				
	1.2 Makes observations of patients condition				
	1.3 Identifies the basic health needs\ problems				
	1.4 Priorities the needs\ problems				
2.	PLANNING				
	2.1 Plans nursing care on the basis of priorities				
	2.2 Plans care according to patients Psychosocial needs				
	2.3 Involves patients & family in planning				
	2.4 Plans health teaching for patients				
3.	IMPLIMENTATION				
	3.1 Carries out plans based on priorities				
	3.2 Integrates scientific principles in giving care				
	3.3 Uses technical skill				
	3.4 Maintains accuracy in care				
	3.5 Controls the environment to provide safety				
	3.6 Demonstrates initiative in implementing nursing care				
	3.7 Records significant information accurately				
	3.8 Communicates significant information to appropriate personnel				
	3.9 Instructs the patients and family related to their learning needs				
4.	EVALUATION				
	4.1 Evaluates, the care given				
	4.2 Modifies the plan as indicated in the evaluation				
5.	PROFESSIONAL BEHAVIOUR				
	5.1 Grooming				
	5.2 Punctuality				
	5.3 Dependability				
	5.4 Interpersonal relations				
	5.5 Emotional stability				
	5.6 Professional and personal growth				
	TOTAL				

Signature of Clinical Instructor with date :

Signature of the student :

Signature of the HOD :

Signature of the Principal

MEDICAL SURGICAL NURSING - I

Sl.No.	Nursing Procedures	Demonstration Date and Signature		Clinical Demonstration by Student, Date & Sign of the supervisor		
		Date	Signature	Date	Signature	
1.	Pre - operative preparation					
	Setting of pre-operative unit					
	Skin preparation					
	<ul style="list-style-type: none"> • Local surgery • General Surgery 					
2.	Post operative care					
	Setting of postoperative unit					
	Post operative care					
	Recovery room					
	Ward					
	Surgical dressing					
	Care of the wound					
	Removal of sutures					
	Ambulation and exercises					
	3.	Operation Theatre Technique				
		Preparation & packing of articles for surgery				
		Disinfecting the OT				
		Surgical scrubbing				
Gowning and gloving						
Setting up of sterile trolley for surgery						
Assisting in anaesthesia						
Assisting in major surgery						
1.						
2.						
3.						
Assisting in minor surgery						
1.						
2.						
3.						
4.						
5.						
	Equipments used in o.t					
	monitering patients during surgical procedures					

Sl.No.	Nursing Procedures	Demonstration Date and Signature		Clinical Demonstration by Student, Date & Sign of the supervisor	
		Date	Signature	Date	Signature
4.	Intensive Care				
	Setting up of emergency trolley				
	Suctioning				
	Oropharyngeal				
	Endo tracheal				
	Assisting in endotracheal intubation				
	Assisting in ventilator care				
	Assisting in cardiac monitoring				
	Assisting in defibrillating				
	Assisting in monitoring pulse oximeter				
	Administration of drugs through infusion pump				
	Emergency drugs				
	Pain management techniques				
5.	Observation of specific diagnostic and therapeutic procedures Preparation of patient for non invasive procedure				
	Vascular system				
	IV canulation				
	Doppler studies				
	Central Venous pressure (CVP)				
	Administration of cardiac drugs				
	Genito urinary system				
	Thyroid function test - T3, T4, TSH				
	Catheterization				
	Bladder irrigation				
	Cystoscopy				
	Cystometrogram				
	Intravenous pyelogram (IVP)				
	Kidney, ureter, bladder (K.U.B.)				
	Assisting in peritoneal dialysis				
	Assisting in hemodialysis				
	Assisting in renal biopsy				
	Chemical regulation				
	Fasting blood sugar (FBS)				

Sl.No.	Nursing Procedures	Demonstration Date and Signature		Clinical Demonstration by Student, Date & Sign of the supervisor	
		Date	Signature	Date	Signature
	Post prandial blood sugar (PPBS)				
	Glucose tolerance test (GTT)				
	Administration of insulin				
5.	Gastro Intestinal System				
	Barium meal				
	Barium enema				
	Proctoscopy				
	Endoscopy				
	Cholecystography				
	Oesophago Gastro Dueodenoscopy (OGD)				
	Ostomy care				
	• Colostomy irrigation				
	• Ureterostomy				
	• Gastrostomy				
	Ostomy feeding				
	Gastrostomy feeding				
	Jejunostomy feeding				
	Liver biopsy				
	Liver function tests				
	Abdominal paracentesis				
	Endoscopic retrograde (ERCP) cholangio pancreatography				
6.	Specific therapeutic procedure				
	Assisting in ECG (Electro Cardio Gram)				
	Assisting in venous puncture				
	Assisting in abdominal paracentesis				
	Assisting in Thoracentesis				
	Assisting in lumbar puncture				
	Assisting in gastric lavage				
	Assisting in sternal puncture				
	Musculo skeletal system				
	Preparation & assisting application and removal of plastercast				
	Application of splint				

Sl.No.	Nursing Procedures	Demonstration Date and Signature		Clinical Demonstration by Student, Date & Sign of the supervisor	
		Date	Signature	Date	Signature
	Assisting in skin traction				
	Assisting in skeletal traction				
	Preparation of patient for bone surgery				
	Crutch walking				
8.	Stump care				
9.	Burns & scalds				
	Assessment of burnt area				
	Calculation of fluid & electrolyte requirements				
	Administration of fluid & electrolytes				
	Assist in burns dressing				
	Preparation for reconstructive surgery				
	& donor area				
10.	Oncology				
	Preparation & assist in biopsy				
	Assist in radio therapy				
	Assist in chemo therapy				
	Assist in brachithery				
	Assist in bone marrow aspiration				
	PAP smear				
11.	Nutrition				
	Therapeutic / modified diet				
	Bland diet				
	Salt restricted				
	Diabetes (low calorie)				
	High calorie				
	High protein				

Nursing Care Plan

Sl. No.	Care Plan	Date	Signature
1.			
2.			
3.			
4.			
5.			

Signature of the class Co-ordinator

Signature of the Principal

COMMUNITY HEALTH NURSING-I

Sl. No.	Nursing Procedures	Demonstration (Laboratory)		Demonstration (Clinical)	
		Date	Signature	Date	Signature
1.	Conduct community survey & report				
2.	Conduct family health survey & report (1)				
3.	Demonstrate Bag Technique				
4.	(A) Comprehensive family Nursing care (Urban)				
	a.				
	b.				
	(B) Comprehensive family (Rural)				
	a.				
	b.				
	(C). Collection of Specimens				
	Urine Store				
	Sputum Collection - (I)				
	Blood Smear				
	Thick Smear - (I)				
	Thin Smear - (I)				
5.	(A) Blood Test				
	a. Hemoglobin				
	b. Blood glucose				
	(B) Urine Test				
	a. Albumin				
	b. Sugar				
	(C) Preparation & Use of Audio Visual Aids				
	a. Flannel graphs				
	b. Flash cards				
	c. Flip charts				
	d. Posters				
	e. Bulletin				
	f. Puppets show				
	(D) Health Education				
	a. Individual				
	b. Group				
	c. Communities				

Sl. No.	Nursing Procedures	Demonstration (Laboratory)		Demonstration (Clinical)	
		Date	Signature	Date	Signature
6.	Teaching sessions				
	a. Lecture				
	b. Demonstration				
	c. Group discussion				
	d. Seminar				
	e. Symposium				
	f. Panel discussion				
	g. Role play				
	h. Project				
	i. Work shop				
	j. Exhibition				
	k. Field trip				
7.	a. Participate in family welfare programme				
	b. Participate in PHC clinics				
	c. Participate in Immunization programme				
8.	VISITS:				
	a. Primary Health center				
	b. Sub center				
	c. Community Health center				
	d. Anganwadi				
	e. Post partum center				
9.	Teaching learning Activities				
	a. Preparation of lesson plan				
	b. Formulation of objectives				
	c. Class room management				

Signature of the class Co-ordinator

Signature of the Principal

CLINICAL EVALUATION FORM FOR COMMUNITY HEALTH NURSING-I

Name of The Students:
Group & Class :

Duration :
Evaluator:
Date of Submission:

		V. good (4)	Good (3)	Fair (2)	Poor (1)	Not done (0)
I	OVER ALL EVALUATION					
1.	Appearance					
2.	Uniform					
3.	Punctuality					
4.	Discipline					
5.	Team work					
6.	Attitude					
7.	Knowledge					
8.	Skill					
9.	Completing record book On time					
10.	Shows interest in Learning					
II	PROCEDURE EVALUATION					
11.	Census/Participates in Community survey					
12.	Does Home visit provides need based care					
13.	Follows of standing orders					
	HEALTH EDUCATION					
14.	Select and prepares Appropriate A.V. Aids					
15.	Uses A.V. Aids correctly / Timely gives Health education as per need					
16.	Individual					
17.	Family					
18.	Group / community					
19.	Respects the community Practices					
20.	Follows principles of Bag technique					

21.	Involves in community Health Activities					
22.	Brings out enervative ideas to improve community development					
23.	Records and Reports	(4)	(3)	(2)	(1)	(0)

REMARKS TO STUDENTS:

+ Ve Points

1

2

3

- Ve Points to be Improved

1

2

3

Obtained Score (for 25):-

Student's Signature

Evaluator's Signature

Sl. No.	Nursing Procedures	Demonstration Date and Signature		Clinical Demonstration by Student, date and Sign. of the Supervisor	
		Date	Signature	Date	Signature
III	Growth & Development Including Nutrition				
1.	Assessment of Growth & Development				
	Assessment of antenatal mother				
	Assessment of new born				
	Assessment of infant				
	Assessment of toddler				
	Assessment of preschooler				
	Assessment of schooler				
	Assessment of adolescent				
	Assessment of adult				
	Assessment of elderly				
2.	Assessment of nutritional status in various groups				
3.	Diet planning for any age group				
	Weaning diet				
	Diet for pregnant mother				
	Preparation of receipes				
	Barley water				
	Albumin water				
	Lime whey				

Sl. No.	Nursing Procedures	Demonstration Date and Signature		Clinical Demonstration by Student, date and Sign. of the Supervisor	
		Date	Signature	Date	Signature
	Fluid diet				
	Egg flip				
	Dhal soup				
	Vegetable soup				
	Butter milk				
	Light diet				
	Toast				
	Porridge				
	Salads				
	Jelly				
	Arrow root				
	Boiled egg				
	Custard egg				
	Scrambled egg				
	Steamed fish				
4.	Visits				
	Postnatal ward, well baby clinic, crèche / preschool food preparation & preservation centre				

REMARKS TO STUDENTS:

+ Ve Points

- 1
- 2
- 3

-Ve Points to be Improved

- 1
- 2
- 3

Obtained Score (for 25):-

Student's Signature

Evaluator's Signature

Comprehensive Family Health Care Provided

Sl. No.	Date	TOPIC	Signature
1.			
2.			
3.			
4.			
5.			

Class Co-ordinator

Principal

Practical Examination

1. Medical Surgical Nursing I

Signature of Internal Examiner

Signature of External Examiner

Date :

Signature of Internal Examiner

Signature of External Examiner

Date :

2. Community Health Nursing I

Signature of Internal Examiner

Signature of External Examiner

Date :

Signature of Internal Examiner

Signature of External Examiner

Date :

I. MIDWIFERY INCLUDING MATERNITY & GYNAECOLOGICAL NURSING - I

Sl. No.	Nursing Procedures	Demonstration Date and Signature		Clinical Demonstration by Student, date and Sign. of the Supervisor	
		Date	Signature	Date	Signature
1.	Prenatal Care				
	Prenatal assessment				
	Prenatal care				
	Preparation for non stress test (NST) & ultrasound				
2.	Intranatal Care				
	Setting up of newborn resuscitation unit				
	Perineal preparation for labour				
	Enema / suppository				
	Partogram				
	P.V. Examination				
	Normal delivery				
	Episiotomy & suturing				
	Apgar scoring				
	Resuscitation of newborn				
3.	Postnatal Care				
	Postnatal assessment				
	Postnatal Care				
	Perineal Light				
	Assisting with breast feeding				
	Postnatal exercises				
4.	Newborn Care				
	Appraisal of newborn				
	Cord care, eye care				
	Care of newborn				
	Baby bath				
	Requirements				
1.	Conducts antenatal examination - 30				
2.	Provides antenatal care - 5				
3.	Witness normal deliveries - 20				

Sl. No.	Nursing Procedures	Demonstration Date and Signature		Clinical Demonstration by Student, date and Sign. of the Supervisor	
		Date	Signature	Date	Signature
4.	Conduct normal deliveries (Hospital & home) - 5				
5.	Episiotomy & suturing - 2				
6.	Provides postnatal care				
	Hospital - 20				
	Home - 3				

ANTENATAL CARE PLAN / CARE STUDY

Sl. No.	Date	TOPIC	Signature
1.			
2.			
3.			
4.			
5.			

POSTNATAL CARE PLAN / CARE STUDY

Sl. No.	Date	TOPIC	Signature
1.			
2.			
3.			
4.			
5.			

Signature of the class Co-ordinator

Signature of the Principal

MEDICAL SURGICAL NURSING - II

Sl. No.	Nursing Procedures	Demonstration Date and Signature		Clinical Demonstration by Student, date and Sign. of the Supervisor	
		Date	Signature	Date	Signature
II.	MEDICAL SURGICAL NURSING - II				
1.	Eye and Ent				
	Instillation of drops				
	Application of ointment				
	Eye				
	Ear				
	Nose				
	Eye irrigation				
	Ear irrigation				
	Throat swab culture				
	Assist in removal of foreign bodies				
2.	Cardio Thoracic				
	Cardio Thoracic assessment				
	Electro cardiogram monitoring				
	Observe cardiac monitoring, pacing				
	Observe cardiac catheterization				
	Observe echo cardiogram				
	Observe stress test				
	Observe percutaneous transilluminial coronary angioplasty				
	Assist in collecting blood for cardiac enzymes				
	Assist for insertion of intercostal drainage				
	Assist for removal of intercostal drainage				
	Care of patient with intercostal drainage				
	Assist in pulmonary function test				
	Observe bronchoscopy				
	Observe bronchography				
	Preoperative preparation to cardiothoracic surgery				

3.	Neuro & Neuro Surgery				
	Neurological assessment				
	Maintain glasgowcoma scale				
	Care of patient with cervical traction				
	Care of patient with head injury				
	Preparing patient for Electro encephalogram (EEG)				
	Magnetic Resonance Imaging (MRI)				

Nursing Care Plan / Care Study

Sl. No.	Date	TOPIC	Signature
1.			
2.			
3.			
4.			
5.			

III CHILD HEALTH NURSING

Sl. No.	Nursing Procedures	Demonstration Date and Signature		Clinical Demonstration by Student, date and Sign. of the Supervisor	
		Date	Signature	Date	Signature
1.	Admission of Children				
2.	Assessment of growth & development				
	• Newborn				
	• Infant				
	• Toddler				
	• Pre-schooler				
	• Schooler				
	• Adolescent				
	Health assessment				
	• History				
	• Developmental assessment				
	• Anthropometric assessment				
	• Head to toe assessment				
3.	Weighing of children				
4.	Recording of vital signs				
	• Temperature				
	• Pulse				
	• Respiration				
	• Blood pressure				
5.	Use of restraints				
	• Mummy restraint				
	• Elbow restraint				
	• Clove hitch restraints				
	• Jacket				
	• Restraining the limbs				
6.	Assessment of degree of dehydration				
7.	Feeding				
	• Assist in breast feeding / weaning				
	• Assist in spoon / glass feeding / Katori				
	• Orogastric feeding				
	• Nasogastric feeding				
	• Gastronomy feeding				
	• Jejunostomy feeding				

	• TPN				
8.	Medication				
	• Oral				
	• IM				
	• Subcutaneous				
	• Intradermal				
	• Intravenous				
	• Infusion pump				
9.	Fluid Planning & Calculation				
	• Intravenous infusion				
	• Calculation of dosage				
	• Assist with administration of fluids with infusion pump				
10.	Collection of specimen Sputum Specimen Blood Specimen Urine :				
	• Female infant				
	• Male infant				
	• Urinary catheterization & drainings				
	• Stool Specimen CSF				
11.	Care of ostomies				
	• Colostomy irrigation				
	• Ureterostomy				
	• Gastrostomy				
	• Enterostomy				
12.	Special procedures				
	• Baby bath				
	• Bowel wash				
	• Steam inhalation				
	• Oxygen administration				
	• Nebulization				
	• Chest Physiotherapy				
	• Resuscitation				
	• Ventilator Care				
	• Phototherapy				
	• Incubator care				
	• Radiant warmer				
	• Exchange transfusion				
	• Endotracheal intubation				
	• Endotracheal suction				

	• Cardiopulmonary resuscitation			
	• Surgical dressings			
	• Suture removal			
13.	Nursing care of Neonate			
	• Normal Newborn			
	• Low birth weight			
	• Premature			
	• Neonates with Congenital anomalies			
14.	Assist in play therapy			
15.	Planning special diet for children			
	• Nephrotic syndrome			
	• Protein energy malnutrition			
16.	Care during pediatric emergencies			
	• Asphyxia			
	• Convulsion			
	• Head injury			
17.	Immunization			
18.	IMNCI pre service training			
19.	Health / Nutritional Education			
20.	Visits :			
	• Anganwadi			
	• Child Guidance Clinic			
	• Visit to centre for physically, mentally, Handicapped Certified school / remand home.			

Nursing Care Plans

Sl. No.	Date	Topic	Signature
1.		Medical - (3)	
		1.	
		2.	
		3.	
2.		Surgical - (3)	
		1.	
		2.	
		3.	
3.		Communicable disease - (1)	
		1.	
4.		Normal newborn - (1)	
		1.	

Sl. No.	Date	Topic	Signature
5.		High risk newborn - (1)	
		1.	

Case Study

Sl. No.	Date	TOPIC	Signature
1.			
2.			
3.			
4.			
5.			

Clinical Presentation - 2

Sl. No.	Date	TOPIC	Signature
1.			
2.			
3.			
4.			
5.			

Health Education

Sl. No.	Date	TOPIC	Signature
1.			
2.			
3.			
4.			
5.			

Signature of the HOD

Signature of the Principal

CLINICAL EVALUATION FORM CHILD HEALTH NURSING

Name of the Student :

Area of Clinical Experience :

Duration of posting :

Date:

From:

To:

Sl. No.	Criteria For Evaluation	4	3	2	1	0
A	Professional Attitudes :					
1.	Demonstrates leadership abilities					
2.	Punctual in reporting					
3.	Establishing good rapport with staff and other students.					
4.	Dependable and trustworthy					
5.	Demonstrates a good sense ethics in behaviour					
6.	Works independently					
7.	Accepts constructive criticism					
B	Professional Competence :					
8.	Identifies and collects various sources of Data from client & family					
9.	Performs physical & Mental status examination of the client					
10.	Collects other pertinent information					
11.	Analyses all the data collected					
12.	Accurately interprets and Synthesizes the Information.					
13.	Formulation of nursing diagnosis					
C	Planning :					
14.	Prioritizes the problem and needs					
15.	Plans the appropriate nursing interventions					
16.	Involves the child and family in the planning					
D	Implementation / Professional skills :					
17.	Implements nursing care applying the principles of child and family care					
18.	Establishes good rapport with child and family					
19.	Utilizes available resources in carrying out nursing care					
20.	Educates the child and family in accordance with their learning needs					

Sl. No.	Criteria For Evaluation	4	3	2	1	0
E	Evaluation					
21.	Evaluates the nursing care rendered					
22.	Revises of the nursing care plan when needed					
F	Documentation :					
23.	Records and reports promptly					
24.	Acts as a resources person in clinical settings					

Maximum Marks : 100

Marks Obtained :

Key	Marks
Consistent practice	04
Practice regularly with few errors	03
Practice sometimes with many errors	02
Practice rarely	01
Never practice	0

Signature of the Supervisor

Signature of the student

Date

Date

Comments

Comments

MENTAL HEALTH NURSING

Sl. No.	Nursing Procedures	Demonstration Date and Signature		Clinical Demonstration by Student, date and Sign. of the Supervisor	
		Date	Signature	Date	Signature
III	Mental Health Nursing				
1.	Admission procedure				
2.	Discharge				
3.	Mental Status examination				
4.	Process recording				
5.	Nursing care of patient with				
	• Psychotic disorder				
	• Neurotic disorder				
	• Organic conditions				
	• Character disorder				
	• Substance abuse				
6.	Assisting in specific therapies				
	Electro convulsive therapy				
	• Psychotherapy				
	• Individual				
	• Family				
	• Community				
	Occupational therapy				
	Behavioural therapy				
	Recreational therapy, play therapy				
	Milieu therapy, de-addiction therapy				
	Preparation of patients for activities of daily living				
7.	Administration of psychotherapeutic drugs				
8.	Health Education				
	• Individual				
	• Family				
	• Community				
9.	Nursing care of child with				
	Mental retardation				
	Conduct disorder				

10.	Visits				
	Community mental health centre, halfway home, de- addiction centre, certified schools, old age homes.				

Nursing Care Plan / Care Study

Sl. No.	Date	TOPIC	Signature
1.			
2.			
3.			
4.			
5.			

Signature of the class Co-ordinator

Signature of the Principal

NURSING EDUCATION

Sl. No.	Nursing Procedures	Demonstration Date and Signature		Clinical Demonstration by Student, date and Sign. of the Supervisor	
		Date	Signature	Date	Signature
III	Nursing Education				
1.	Preparation of teaching aids				
	Charts				
	Posters				
	Flash cards				
	Transparencies				
2.	Master rotation plan				
3.	Clinical rotation plan				
4.	Preparation of unit plan				
	Preparation of lesson plan				
	Preparation of evaluation tool				
5.	Conduct practice teaching classes				
	Classroom				
	Clinicals				
6.	Observation visit to school / college of Nursing & presentation of reports				
7.	Teaching Method				
	a. Lecture				
	b. Demonstration				
	c. Group discussion				
	d. Seminar				
	e. Symposium				
	f. Panel discussion				
	g. Role play				
	h. Project				
	i. Work shop				
	j. Exhibition				
	k. Field trip				

Lesson Plans

Sl. No.	Date	TOPIC	Signature
1.			
2.			
3.			
4.			
5.			

Signature of Class Co-ordinator

Signature of the Principal

Practical Examination

1. Medical Surgical Nursing I

Signature of Internal Examiner

Signature of External Examiner

Date :

Signature of Internal Examiner

Signature of External Examiner

Date :

2. Midwifery including Maternity & Gynaecological Nursing- I

Signature of Internal Examiner

Signature of External Examiner

Date :

Signature of Internal Examiner

Signature of External Examiner

Date :

3. Child Health Nursing

Signature of Internal Examiner

Signature of External Examiner

Date :

Signature of Internal Examiner

Signature of External Examiner

Date :

I. MIDWIFERY INCLUDING MATERNITY & GYNAECOLOGICAL NURSING - I

Sl. No.	Nursing Procedures	Demonstration Date and Signature		Clinical Demonstration by Student, date and Sign. of the Supervisor	
		Date	Signature	Date	Signature
1.	Prenatal Care				
	Set up of antenatal & Post natal clinic				
	Set up of obstetric IUC (Eclampsia unit)				
	Care of high risk antenatal mother				
	Pre eclampsia				
	Eclampsia				
	Placenta praevia				
	Abruptio placenta				
	Gestational diabetes				
	Cardiac disease				
	Rh incompatibility				
	Preterm contraction				
2.	Intranatal Care				
	Induction of labour				
	Assist / witness obstetric procedures				
	Forceps delivery				
	Vacuum extraction				
	Assist / witness breech delivery				
	Assist / witness multifoetal delivery				
	Witness caesarean section				
	Assist evacuation, D& C				
3.	Postnatal Care				
	Care of high risk postnatal mothers				
	Perineal Care				
	Perineal Light				
4.	Newborn Care				
	• Assessment of preterm baby				
	• Care of high risk newborn				
	• Feeding				
	Tube				
	Spoon				

Sl. No.	Nursing Procedures	Demonstration Date and Signature		Clinical Demonstration by Student, date and Sign. of the Supervisor	
		Date	Signature	Date	Signature
	Setting up & assisting exchange transfusion				
	Phototherapy				
	Care of baby in incubator				
	Care of baby with radiant warmer				
	Care of baby in ventilator				
	Administration of medication				
	Maintainance of neonatal records				
5.	Family Welfare				
	Motivation of planned parenthood				
	Assist / observe IUD insertion				
	Assist / observe Tubectomy				
	Assist / observe vasectomy				
	Requirements				
	Witness abnormal deliveries - (10)				
	Assist in abnormal deliveries - (5)				
	Motivation of planned parenthood - (2)				
	Attend antenatal & postnatal clinics- (1Wk)				
	Provide care to high - risk antenatal mothers - (5)				
	Provide care to high - risk neonates - (5)				
	Provide care to high - postnatal Mothers - (5)				
	Witness caesarean section - (5)				

Note : Number in brackets indicate minimum number of procedures to be witnessed or done.

High Risk Antenatal Care Plan / Care Study

Sl. No.	Date	TOPIC	Signature
1.			
2.			
3.			
4.			
5.			

High Risk Postnatal Care Plan / Care Study

Sl. No.	Date	TOPIC	Signature
1.			
2.			
3.			
4.			
5.			

High Risk Neonatal Care Plan / Care Study

Sl. No.	Date	TOPIC	Signature
1.			
2.			
3.			
4.			
5.			

Signature of Class Co-ordinator

Signature of the Principal

COMMUNITY HEALTH NURSING-II

Sl. No.	Nursing Procedures	Demonstration Date and Signature		Clinical Demonstration by Student, date and Sign. of the Supervisor	
		Date	Signature	Date	Signature
1.	Community Survey				
2.	Comprehensive Health Nursing Care Study (2)				
3.	Bag Technique				
4.	Dressing				
5.	Baby Bath				
6.	Demonstration of nursing care				
	a. Care of fever patient				
	b. Oral Rehydration therapy				
7.	Physical Examination				
	(A) Assessing health needs and care of minor ailments				
	a. New Born				
	b. Infant				
	c. Pre-School				
	d. Adult				
	c. Antenatal mother				
	f. Postnatal mother				
	(B) Nutritional Assessment				
	(C) Immunization				
	(D) Diagnostic Technique				
	a. Preparing blood sugar				
	b. Preparing sputum smear				
8.	Organsing and Assisting in				
	a. Antenatal and Postnatal Clinic				
	b. Immunization				
	c. Family welfare				
	d. Scholl Health Programmes				
	e. Health Camps				
	f. In service education for PHC Staff				
9.	Project work & presentation of report				
10.	Records				
	a. Family folders				
	b. Anecdotal records, Administrative Records				

Sl. No.	Nursing Procedures	Demonstration Date and Signature		Clinical Demonstration by Student, date and Sign. of the Supervisor	
		Date	Signature	Date	Signature
11.	Health Education Rural				
12.	Participate in Mental Health Programme				
13.	Visits:				
	a. School				
	b. Industry				
	c. Community Mental Health Center				
	d. National Family planning Association of India				
	e. National Institute of Tuberculosis				
	f. Red Cross				
	g. World Health Organization				
	h. UNICEF				
	i. Professional Bodies				
	1. TNAI				
	2. INC				
	3. KNC				
	Observational visits				
	a. Epidemics Diseases Hospital				
	b. Leprosorium				

IV YEAR NURSING ADMINISTRATION

Sl.No.	Topic	Date of Instruction	Signature
	Supervision		
	Students		
	Staff		
	Ward Aids		
	Preparation of duty roster		
	Preparation of work assignment		
	• Students		
	• Staff		
	• Ward Aids		
	Report		
	a. Oral		
	• Morning		
	• Evening		
	• Night		
	b. Written		
	• Day		
	• Night		
	Inventory		
	Drugs		
	Articles		
	Maintain census		
	Conduct nursing round,		
	Clinical teaching		
	Preparation of job description for different categories		
	• Principal		
	• Nursing superintendent		
	• Clinical Instructor		
	• Ward Sister / Head nurse		
	• Staff nurse		
	• Ward Aids		
	Preparation of Evaluation tool to assess the patient care		
	Educational tour to various institutions & professional bodies & submit the report		

Class Co-ordinator

Principal

CLINICAL EVALUATION FORM FOR COMMUNITY HEALTH NURSING - II

GROUP & CLASS:

Name of the student:

Duration:

Evaluator:

Date of Submission:

Sl. No.		V. Good	Fair	Fair	Note done very poor
I	General				
1.	Oriented to the allotted community area, population etc.				
2.	Know the responsibilities of community Health nursing in health				
3.	Able to assess the community, family & individual.				
4.	Respects the belief and culture of the people.				
5.	Knows to utilize the community resources.				
6.	Identifies the risk factors and try to solve them.				
7.	Compares the primary health care and National health programmers with in the community.				
II	II. PHC				
1.	Learns the organization set up & function of PHC				
2.	Participate as a health team member in providing community health Nursing services.				
3.	Participates in training programmers conducted by PHCs.				
III	Keeps the community health bag-neat, clean & aseptic.				
2.	Handles the bag appropriately and scientifically.				
3.	Follows safe disposal method				
4.	Does home visit				
5.	Provide home care as per the need.				
6.	Involves members in community activities.				
7.	Gives appropriate, planned health teaching.				
8.	Brings changes in health practices (EX) Diet, hygiene, exercise etc.				
9.	Submits the community case study & record book on time.				
10.	Prepare relevant statistics in their community area				
IV	Maintains the following records appropriately				
1.	Family folder				
2.	Obstetrical record (antenatal to family planning)				
3.	Pediatrics record (New born to under five)				
4.	Chronic illness record.				
5.	School Health record				

Remarks to Students:-

+ Ve

Points to improve

1

1

2

2

3

3

Student's Signature

Evaluator's Signature

Practical Examination

1. Midwifery including Maternity & Gynaecological Nursing - II

Signature of Internal Examiner

Signature of External Examiner

Date :

Signature of Internal Examiner

Signature of External Examiner

Date :

2. Community Health Nursing - II

Signature of Internal Examiner

Signature of External Examiner

Date :

Signature of Internal Examiner

Signature of External Examiner

Date :

CLINICAL POSTING FOR THE (BASIC) B.Sc. NURSING STUDENTS

Month	First Year	Second Year	Third Year	Fourth Year	Any other
September					
October					
November					
December					
January					
February					
March					
April					
May					
June					
July					
August					
Signature of the Class Co-ordinator with date					

Principal

T. E. SATYANARAYANA Msc. (N)
Asst. Professor
KIDWAI COLLEGE OF NURSING
Dr. M. H. Mari Gowda Road,
BANGALORE - 560 029

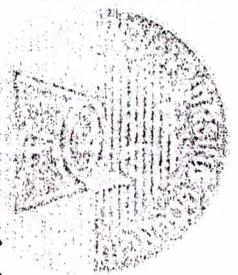
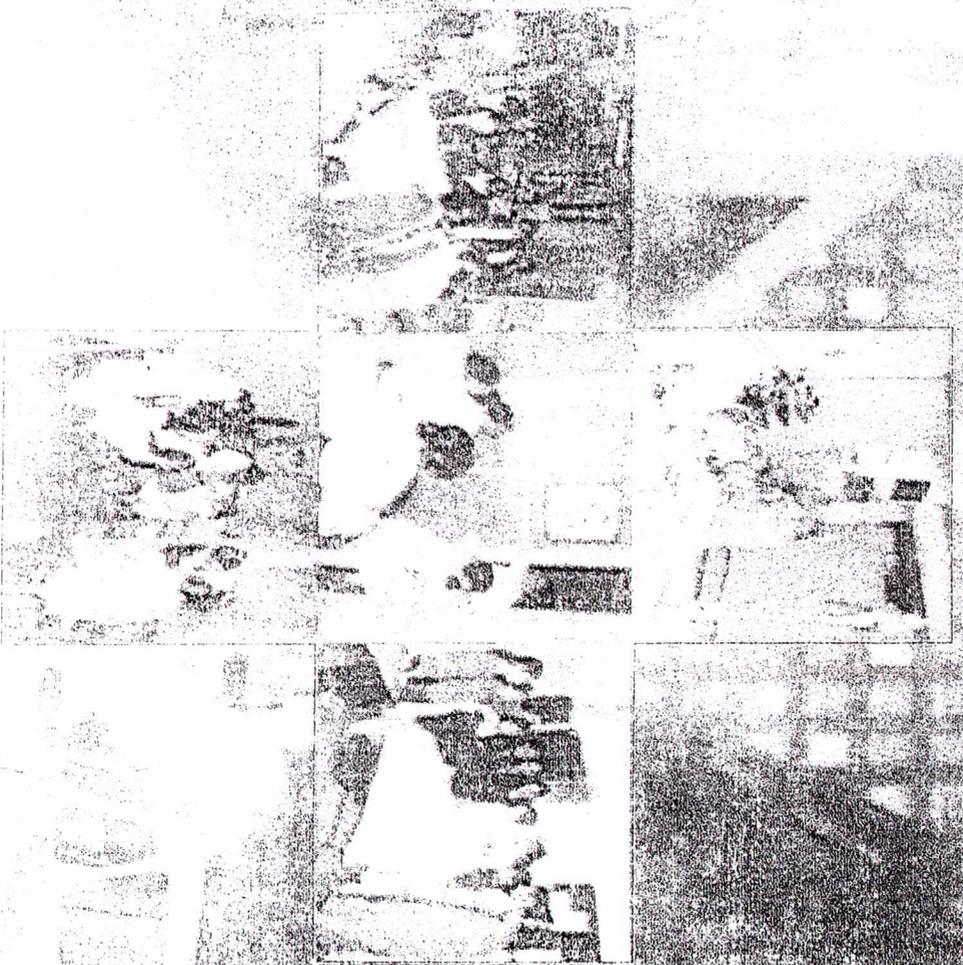
SYLLABUS AND REGULATIONS

DIPLOMA IN

2001 onwards

GENERAL NURSING & MIDWIFERY

2005 Implementation
in Karnataka State



INC

INDIAN NURSING COUNCIL

Combined Councils Building, Kolia Road, Tompola Lane, New Delhi - 110002

Copyright © 2011 by Indian Nursing Council

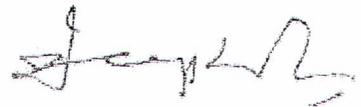
Preface

Indian Nursing Council (INC) is a National statutory body. The main function of INC is to establish Uniform Standard of nursing Education for Nursing in the country. It also prescribes the syllabus and regulations for various categories of Nursing personnel.

INC has revised the syllabus and regulations for the Diploma in General Nursing and Midwifery training programme. The revision of syllabus was undertaken by having series of consultations with the various experts, Nursing teachers and Nursing service personnel. The duration of the programme has been increased from 3 years to 3^{1/2} years. The additional six months has been earmarked for internship so that the candidates should be able to develop desired competencies.

While revising the syllabus the INC has taken into account the minimum infrastructure required i.e., Physical, Clinical, Laboratory, Library Facilities and Teaching Staff. In order to facilitate the teachers to effectively implement the revised syllabus, Indian Nursing Council has developed curriculum guide for the teachers of the School of Nursing. I am confident that this revised syllabus and regulations will be able to prepare Nurses to provide qualitative Nursing care in the hospital and community.

I take this opportunity to acknowledge the contribution of Mrs. A.K. Ahluwalia (Chairperson, Ex-Vice President), experts from various fields staff of INC. in the preparation of this document. I also acknowledge Ms. K.S. Bharati for designing and formatting the document.



T. Dileep Kumar
President

Indian Nursing Council
and Nursing Adviser to
Govt. of India

INDEX

CONTENTS	PAGE NO.
REGULATIONS	
Introduction	1
Philosophy	3
Aims	5
Objectives	6
Guidelines and Minimum Requirements for Setting up of a School of Nursing	8
Guidelines	8
Teaching Facility	9
School Management Committee	12
Budget	12
Physical Facilities	12
Clinical Facilities	17
Hostel	20
Admission Terms and Conditions	23
Training Period and Time Distribution	25
Evaluation	31
Internship Period	39
CURRICULUM	
Anatomy and Physiology	43
Microbiology	46
Psychology	48
Sociology	50
Fundamentals of Nursing	52
First Aid	57
Personal Hygiene	59
Community Health Nursing-I	61
Environmental Hygiene	65
Health Education and Communication Skills	67
Nutrition	69
English	72
Medical Surgical Nursing -I	74
Medical Surgical Nursing -II	79

Mental Health and Psychiatric Nursing	84
Computers in Nursing	87
Midwifery and Gynaecological Nursing	88
Gynaecological Nursing	94
Community Health Nursing-II	96
Paediatric Nursing.....	99

CURRICULUM FOR INTERNSHIP

Educational Methods & Media For Teaching InPractice of Nursing	107
Introduction to Research	109
Professional Trends andAdjustment	111
Administration and Ward Management	114
Health Economics	117

Introduction

"Health For All" implies both a revolution and decentralization, demanding change in the role of all health professionals at every level of the health care system. This concept has far reaching implications for Nursing education and Nursing practice. Increasingly, the nursing profession is faced with questions such as:

- How can nursing services meet the health needs of the society most effectively?
- What changes are needed in nursing education?
- How can the necessary changes be effected in the best possible manner?

The revised syllabus has attempted to answer these questions, as they impinge upon basic nursing education. It has systematically reviewed and revised the existing curriculum of General Nursing and midwifery course of three years duration to a three and half years Diploma Course. Indian Nursing Council in collaboration and co-operation with nursing experts form various institutions of nursing in the country has been successful in revising the syllabus. The revision has taken into consideration sound educational principles, changing educational need of nursing profession and the current health needs of the society.

The primary objective of preparing and publishing this revised syllabus for the Diploma in General Nursing and Midwifery is to improve nursing care component in all kinds of patient care settings. An attempt has been made by restructuring the curriculum to make the existing training programme relevant to the health needs of the community and country at large. The revised syllabus is broad and flexible in nature . It has prescribed a learning environment which will enable the student to learn complete, comprehensive and continuous nursing care, both in hospital and community. It also enables the student to develop varied skills of nursing.

This syllabus should be considered as the minimum requirements. However, institutions may reorganize the sequence of courses, units or plans to suit their own situations without compromising the minimum requirements laid down by the Indian nursing Council.

The council hopes that the revised syllabus will provide necessary guidance in meeting the changing needs of the students and the community for the next few years.

Philosophy

Modern nursing is a dynamic, therapeutic and educative process in meeting the health needs of the individuals, the family and the community. Nursing is one of the health professions which functions in conjunction with other health care agencies in assisting individuals, families and communities to achieve and maintain desirable standards and maintain desirable standards of health.

Indian Nursing Council believes in the concept of health as laid down by the World Health Organization (WHO) i.e., "Health is state of complete physical mental and social well being and not merely the absence of disease or infirmity".

Since nurses provided and will undoubtedly continue to provide a large part of health care, their training should equip them with professional expertise to meet the changing demands of society and their expanding role therein . To achieve this, emphasis must be laid to impart the knowledge and skills most relevant to the health care needs of the community and the country as a whole. This must also be accompanied by a corresponding change in professional attitudes.

The International Council of Nurses states that the unique function of the nurse is to assist the individual, sick or well, in the performance of those activities contributing to health or its recovery

(or to peaceful death) that he would perform un - aided if he had the necessary strength, will or knowledge . And to do this in such a way as to help him gain independence as rapidly as possible. Indian Nursing Council recognized that basic nursing education is a formally recognized programmed of study providing a broad and sound foundation in the behavioural, life and nursing sciences for the general practice of nursing, for a leadership role and for the post basic education in specialties for advanced nursing practice. The Council believes that this basic course in nursing should prepare nurses for occupying first level positions in nursing in all kinds of health care settings. The Council recognizes that nursing is a profession which is influenced by advances in science and technology. It believes that skills in all aspects of communication are also essential for learning and for the practice of nursing.

The Council also recognizes that the nature of nursing is such that a substantial portion of learning of the students is acquired in the clinical fields (s) of practice. It further recognizes the interdependence of or nursing and allied professions and occupations in promoting, maintaining and restoring health and prevention of diseases.

The Council believes that it has a responsibility in helping the students to develop pride in their profession besides keeping them abreast with current knowledge and professional trends for a successful career ahead.

Aims

The basic Diploma course in General Nursing and Midwifery is related to the health needs of the individual, family, community and the country at large.

The aims of the Diploma in General Nursing and Midwifery programme are:

1. To prepare nurses with a sound educational programme in nursing to enable them to function as efficient members of the health team, beginning with the competencies for first level positions in all kinds of health care settings.
2. To help nurses develop an ability to co-operate and co-ordinate with members of the health team in the prevention of disease, promotion of health and rehabilitation of the sick.
3. To help nurses in their personal and professional development, so that they are able to make maximum contribution to the society as useful and productive individuals, citizens as well as efficient nurses.
4. To serve as a base for further professional education and specialization in nursing.
5. To prepare nurses to keep pace with latest professional and technological developments and use these for providing nursing care services.

Objectives

The nurse on completion of this course will be able to:

- √ Demonstrate competency in providing health care to individual, sick or well, using nursing process.
 - Assess the nursing need of clients from birth to death.
 - Plan and carry out appropriate action to meet nursing needs.
 - Provide effective nursing care for maintaining best possible level of health in all aspects.
 - Promote self care in people under their care.
 - Apply problem solving techniques in nursing practice.
 - Evaluate effectiveness of nursing care.
 - Apply problem solving techniques in nursing practice
 - Evaluate effectiveness of nursing care.
- √ Apply knowledge from the humanities, biological and behavioral sciences in functioning as a nurse.
- √ Function effectively with members of the health team and community applying the knowledge of human relations and communication skills in her work.

- √ Participate as member of the health team in delivery of curative preventive, promotive and rehabilitative health care services .
- √ Mobilise community resources and their involvement in working with the communities.
- √ Demonstrate use of ethical values in their personal and professional life.
- √ Demonstrate interest in activities of professional organizations.
- √ Recognize the need for continuing education for professional development.
- √ Demonstrate basic skills in teaching patients and giving nursing care to them.
- √ Demonstrate basic skills in administration and leadership while working with other members of health team and community
- √ Assist in research activities.

Guidelines and Minimum Requirements for Setting up of a School of Nursing

Guidelines

The following are the minimum pre-requisites for recognition of a School of Nursing offering a Diploma in General Nursing and Midwifery programme.

The authority which desires to open a School of Nursing has to furnish the following documentary proof to the Indian Nursing Council and comply with the following:

1. Any organization under the Central Government, State Government, Local body or a Private or Public Trust, Mission, Voluntary registered under Society Registration Act or a Company registered under company's act wishes to open a School/College of Nursing, should obtain the No Objection/Essentiality certificate from the State government.
2. The Indian Nursing council on receipt of the proposal from the Institution to start nursing program (School/College), will undertake the **first inspection** to assess suitability with regard to physical infrastructure, clinical facility and teaching faculty in order to give permission to start the programme.
3. After the receipt of the permission to start the nursing programme from Indian Nursing Council, the institution shall obtain the approval from the State Nursing Council and Examination Board/University.
4. Institution will admit the students only after taking approval of State Nursing Council and Examination Board/University.
5. The Indian Nursing Council will conduct inspection every year till the first batch completes the programme. Permission will be given year by year till the first batch completes.

Teaching faculty

The Principal should be the administrative head of the school. He/She should hold qualification as laid down by INC. The Principal should be the controlling authority for the budget of the school and also be the drawing and disbursing officer. The Principal and Vice-Principal should be gazetted officers in Government Schools and of equal status (though non - gazetted) in non-government Schools.

- A. For School of nursing with 150 students (i.e., an annual intake of 50 students) the following faculty is required:**

Teaching Faculty	No. Required
Principal	1
Vice Principal	1
Senior Tutor	3
Tutor	12
Additional Tutor for Interns	1

1:4 ratio is to be maintained for Senior Tutor to Tutor.

- B. For a School of Nursing with 60 students (i.e., an annual intake of 20 Students):**

Teaching Faculty	No. Required
Principal	1
Vice Principal	1
Senior Tutor	1
Tutor	5
Additional Tutor for Interns	1

Note:

1. Teacher student ratio should be 1 : 10
2. School of Nursing cannot start this course with the annual intake less than 20 students.
3. One of the Tutors should stay at the community health field by rotation.
4. The salary structure of the teaching faculty in private Schools of Nursing should not be less than what is admissible in the schools of nursing under State/Central Government.
5. Nursing service personnel should actively participate in instruction, Supervision, guidance and evaluation of student in the clinical and field/community practice areas. The teaching faculty of the School of nursing should work in close coordination with Nursing service personnel.
6. The teaching faculty of the school and the nursing service personnel should be deputed to attend short term educational courses/ workshops/ conferences etc. to update their knowledge. Each one of the teaching faculty must attend such courses at least once in two years.
7. It is mandatory for school authorities to treat teaching faculty of the school of nursing on duty when nominated/ selected for the purpose of examination or inspection or inspection by the Council
8. The Senior Tutor and Tutors should spend at least four hours each day in the clinical area for clinical teaching and / or supervision of care by the students.
9. **INC will not permit more than 60 students per batch.**

Qualification of Teaching Staff

- 1.Principal : M.Sc. Nursing with 6 years of teaching experience or B.Sc. Nursing (Basic)/Post Basic with 8 years of teaching experience.

2. Vice -Principal : M.Sc Nursing with 4 years of teaching experience or B.Sc Nursing (Basic)/Post Basic with 6 years of teaching experience.
3. Senior Tutor : M.Sc Nursing with 2 years of teaching experience or B.Sc with 4 years of teaching experience.
4. Tutor : M.Sc Nursing or B.Sc Nursing (Basic/ Post Basic) or Diploma in Nursing Education and Administration or its equivalent with 2 years of professional experience after graduation

External Lecturers

Besides the regular teaching faculty in the school of Nursing, there should be provision for external lectures for teaching the students. They should possess the desired qualification in the respective subjects which are to be taught. Remuneration of these External lecturers is to be paid as per the Institute/ Govt. policy. The external lecturers may comprise of Nursing experts, Medical Faculty and Scientists, General Educationists including teaching experts in English, computer Education. Physical Education/Yoga, Psychologists, Sociologists, Hospital Dieticians, Nursing Service personnel like Nursing Superintendent, Ward In charge or Ward sister, Health Economist/Statistician etc. working in or outside the institution.

Additional Staff for School of Nursing

- | | | |
|---|----------------------|-------------------------------------|
| 1. Stenographer/Personal Assistant | One | } Should have knowledge of Computer |
| 2. Senior Clerk cum Cashier/ Accountant | One | |
| 3. Junior Clerk cum Typist | One | |
| 4. Librarian | One | |
| 5. Laboratory Attendant | One | |
| 6. Chowkidar/Watchman | Two | |
| 7. Driver | One for each vehicle | |

- | | |
|--|----------------------|
| 8. Cleaner | One for each vehicle |
| 9. Peon | Three |
| 10. Sweeper/Safai Karmachari | Two |
| 11. Machine (Duplicating/Xerox) Operator | One |

Note: Provision should be made to have relieving staff in addition to the regular staff according to rules.

School Management Committee

Following members should constitute the Board of Management of the school.

Principal	Chairperson
Vice-Principal	Member
Senior Tutor	Member
Chief Nursing Officer/Nursing Superintendent	Member
Representative of Medical Superintendent	Member

Budget

In the overall budget of the Institution, there should be provision for school budget under a separate head. Principal of the school of Nursing should be the drawing and disbursing officer.

Physical Facilities

Building

The School of Nursing should have a separate building. If the school is situated in hospital premises, the area marked for the building of the school should be at a suitable distance from hospital which enables a calm environment ideally required for a school. Minimum land area recommended by INC for a school of nursing is four acres of land owned and possessed by the applicant to set up the proposed nursing school. For a school with an annual admission

capacity of 20 students, the constructed area of the school should be 4000 square feet. For every additional 10 seats, an additional constructed area of 2000 square feet should be increased. Constructed area can be increased in a phased manner between first and second year.

The **minimum physical facilities** which are required in the school are listed below:

1. Class rooms: There should be at least four classrooms with the capacity of accommodating the number of students admitted in each class. The rooms should be well ventilated with proper lighting system. There should be built in Black/Green/White Boards. Also there should be space to accommodate a desk/ dais. A big table and a chair for the teacher and racks/cupboards for keeping teaching aids or any other equipment needed to conduct the classes also should be there. There should be enough space for providing proper and adequate seating facilities for the students in the class.

2. Laboratories: There should be at least four laboratories as listed below:

a) Nursing Practice Laboratory: There should be demonstration beds in proportion to the number of students practicing a nursing procedure at a given point of time(the desired ratio being 1 bed: 6 practicing students).

It should be fully equipped with built-in-cupboards and racks. Wash-basins with running water supply, adequate furniture like table, chairs, electric fittings, etc. Sufficient necessary inventory articles should be there in numbers i.e. at least 10-12 sets of all items needed for the practice of nursing procedure by the students.

b) Community Practice Laboratory: It should have all articles required for practicing nursing procedures in a community set-up.

- d
u
-l:
n
l
- c) *Nutrition Laboratory*: It should have facilities for imparting basic knowledge about food and to practice the cooking for the healthy as well as for the sick. The furnishing and equipments should include work-tables, cooking stoves, gas connection/fittings, wash-basins with running water-supply, cutlery, trays, plates, dietetic scales, cooking utensils, racks/shelves, refrigerator, pressure cooker, mixie and cupboards for storage of food items. The food items shall be purchased for the conduct of practical classes as and when required. Sets of crockery and cutlery for preparation, serving and display of food also should be there.
- d) *Computer Laboratory*: It can be shared with other departments.

3. *Auditorium*: Auditorium should be spacious enough to accommodate at least double the sanctioned/actual strength of students, so that it can be utilised for hosting functions of the school, educational conferences/ workshops, examinations etc. It should have proper stage with green room facilities. It should be well ventilated and have proper lighting system. There should be arrangements for the use of all kinds of basic and advanced audio-visual aids.

4. *Multipurpose Hall*: It should have multipurpose hall, if there is no auditorium in the school.

5. *Library*: There should be a separate library in the school. It should be easily accessible to the teaching faculty and the students. It should have comfortable seating arrangements for half of the total strength of the students and teachers in the school.

There should be separate budget for the library. The library committee should meet regularly for keeping the library updated with current books, journals and other literature.

The library should have proper lighting facilities and it should be well-ventilated. It should have a cabin for librarian with intercom phone facility.

There should be sufficient number of cupboards, book shelves and racks with glass doors for proper and safe storage of books, magazines, journals, newspapers and other literature. There should be provision for catalogue-cabinets, book display racks, bulletin boards and stationery items like index cards, borrowers cards, labels and registers. Current books, magazines, journals, newspaper and other literature should be available in the library.

A minimum of 500 nursing books(all new editions) , 3 kinds of nursing journals, 3 kinds of magazines, 2 kinds of newspapers and other kinds of current health related literature should be available in the library.

6. Office requirements

- a) *Principal's Office*: There should be a separate office for the Principal with attached toilet and provision for visitor's room. Independent telephone facility is a must for the Principal's office with intercom facility connected/linked to the hospital and hostel.
- b) *Office for Vice-Principal*: There should be a separate office for the Vice-Principal with attached toilet and provision for visitor's room. Independent telephone facility is a must for Vice-principal's office with intercom facility connected/linked to the hospital and hostel.
- c) *Office for Faculty Members*: There should be adequate number of office rooms in proportion to the number of teaching faculty. One office room should accommodate 2 teachers only. Separate toilet facility should be provided for the teaching faculty with hand washing facility. There should be a separate toilet for male teachers.
- d) One separate office room for the office staff should be

provided with adequate toilet facility. This office should be spacious enough to accommodate the entire office staff with separate cabin for each official. Each office room should be adequately furnished with items like tables, chairs, cupboards, built-in racks and shelves, filing cabinets and book cases. Also there should be provision for typewriters, computers and telephone.

7. Common Rooms: A minimum of 3 common rooms should be provided. One for the teaching faculty, one for the student and one for the office staff. Sufficient space with adequate seating arrangements, cupboards, lockers, cabinets, built-in-shelves and racks should be provided in all the common rooms. Toilet and hand washing facilities should be made available in each room.

8. Record Room: There should be a separate record room with steel racks, built-in shelves and racks, cupboards and filing cabinets for proper storage of records and other important papers/ documents belonging to the school.

9. Store Room: A separate store room should be provided to accommodate the equipments and other inventory articles which are required in the laboratories of the school. This room should have the facilities for proper and safe storage of these articles and equipments like cupboards, built-in-shelves, racks, cabinets etc. This room should be properly lighted and well-ventilated

10. Room for Audio-Visual Aids: This room should be provided for the proper and safe storage of all the Audio- Visual Aids. The School should possess all kind of basic as well as advanced training aids like chalk boards, overhead projectors, slide and film - strip projector, models specimen, charts and posters, T.V, V.C. R, Photostat machine, tape recorder and computers.

11. Other Facilities: Safe drinking water and adequate sanitary/ toilet facilities should be available for both men and women separately in the school. Toilet facility to the students should be

in the ratio of 1 : 25 with hand washing facility. There should be separate toilet for men.

12. Garage: Garage should accommodate a 50 seater vehicle.

13. Fire Extinguisher: Adequate provision for extinguishing fire should be available as per the local bye-laws

14. Playground: Playground should be spacious for outdoor sport like Volleyball, football, badminton and for Athletics.

Clinical Facilities

Hospital

School of nursing should have a 200 bedded Parent/Affiliated Hospital:

1. Distribution of beds in different areas

Medical	40
Surgical	40
Obst. & Gynaecology	40
Pediatrics	20
Ortho	20
Eye/ENT	20
ICU/ICCU	10
Burns and Plastic	10
2. Bed Occupancy of the Hospital should be minimum 75%.
3. The size of the Hospital/Nursing Home for affiliation should not be less than 50 beds.
4. **Other Specialities/Facilities for clinical experience required are as follows:**
 - Major OT
 - Minor OT
 - Dental
 - Neonatology with Nursery
 - Communicable disease

Community Health Nursing

Cardiology

Oncology

Neurology/Neuro-surgery

Nephrology etc.

5. Affiliation of psychiatric hospital should be of minimum 30-50 beds.
6. The Nursing Staffing norms in the affiliated Hospital should be as per the INC norms.
7. The affiliated Hospital should give student status to the candidates of the nursing programme.
8. Affiliated hospitals should be in the radius of 10-15 kms.

Distribution of Beds

At least one third of the total number of beds should be for medical patients and one third for surgical patients. The number of beds for male patients should not be less than $1/6^{\text{th}}$ of the total number of beds i.e. at least 40 beds. There should be minimum of 750 deliveries per year (for annual admission capacity of 20 students) Provision should be made for Maternity Clinics, Child Health and Family Welfare Services and for preventive social medicine.

Sl.No.	Designation	Number	Requisite	Qualifications
1.	Chief Nursing Officer(CNO)	1	For 500 beds and above	As of Principal of School of Nursing
2.	Nursing Superintendent(NS)	1	For 500 beds and above	As of Principal of School of Nursing
3.	Deputy Nursing Superintendent(DNS)	1	For 500 beds and above	As of Vice Principal of School of Nursing
4.	Asstt.Nursing Superintendent(ANS)	2	For every additional 50 beds	As of Vice Principal of School of Nursing

NORMS RECOMMENDED BY EXPERTS COMMITTEE ON HEALTH MANPOWER PRODUCTION AND MANAGEMENT (RESOLUTION OF FOURTH CONFERENCE OF CENTRAL COUNCIL OF HEALTH AND FAMILY WELFARE, ON NURSING, 1995).

CATEGORIES

REQUIREMENTS

1. Nursing Superintendent	1:200 beds
2. Dy. Nursing Superintendent	1:300 beds
3. Departmental Nursing supervisors/ sisters	7:1000 (Plus one for every additional 100 beds)
4. Ward Nursing Supervisors/ sisters	8:200+30% leave reserve
5. Staff nurse for wards	1:3(or 1: 9 each shift) + 30% leave reserve
6. For OPD, Blood Bank, X-ray Diabetic clinic CSR etc.	1: 100 OPD Patients (1 bed:5 OPD Patients) + 30 % leave reserve
7. For Intensive Care Unit (8 beds ICU for 200 beds)	1: 1 (or 1:3) for each shift) + 30% leave reserve)
8. For specialized departments and clinic such as OT, Labour room.	8: 200 + 30% leave reserve

Justifications

1. Needs may vary from one hospital to another, Depending on its size and service rendered, more staff than anticipated will be required.
2. Special attention is needed for supervision of patient care in the evening and night shifts.
3. 30% leave reserve posts are mandatory.

Other points to be considered

- a. The staff of the parent hospital should be strictly as per the criteria laid down by INC in terms of doctors, nurses and paramedical staff.

- b. Wards /Areas /OPDs /OTs /Clinical departments etc. must have adequate coverage of the staff in all the shifts to ensure that students are only for attending clinical experience in these areas and not utilized for service purposes.
- c. Continuing /in-service education programme must be attended by all staff nurses to keep themselves abreast with latest technologies and sophistication used in day to day patient care in these areas.

Community Health Nursing Field Practice Area

The students should be sent for community health nursing experience in urban as well as rural field area. Institute can be attached to primary health centre. A well set-up field teaching centre should be provided with facilities for accommodation of at least 10-15 students and one staff member at a time. Peon, cook and chowkidar should be available at health centre. Each school of Nursing should have its own transport facilities and it must be under direct control of the Principal. The security of staff and students should be ensured.

Hostel

Adequate hostel/residential accommodation for students and staff should be available in addition to the above mentioned built up area of the Nursing School respectively.

Hostel Facilities

The programme is residential there should be a separate hostel for the male and female students. It should have the following facilities.

1. **Hostel Room:** It should be ideal for two students with the minimum 150 sq. ft. carpet area. The furniture provided should include a cot, a table, a chair, a book rack, a cupboard and a cloth rack for each student.

2. **Toilet and Bathroom:** Toilet and bathroom facilities should be provided on each floor of the students hostel at One toilet and one bathroom for 2-6 students should be provided. Geysers in bathroom and wash basins should also be provided.
3. **Recreation:** There should be facilities for indoor and outdoor games. There should be provision for T.V., radio and video cassette player.
4. **Visitor's Room:** There should be a visitor room in the hostel with comfortable seating , lighting and toilet facilities.
5. **Kitchen & Dinning Hall:** There should be a hygienic kitchen and dinning hall to seat at least 80% of the total students strength at one time with adequate tables, chairs, water coolers, refrigerators and heating facilities. Hand washing facilities must be provided.
6. **Pantry:** One pantry on each floor should be provided. It should have water cooler and heating arrangements.
7. **Washing & Ironing Room:** Facility for washing drying and ironing clothes should be provided in each floor.
8. **Sick Room:** A sick room should have a comfortable bed, linen, furniture and attached toilet. Minimum of 5 beds should be provided.
9. **Room for Night Duty Nurses:** Should be in a quiet area.
10. **Guest Room:** A guest room should be made available.
11. **Warden's Room:** Warden should be provided with a separate office room besides her residential accommodation.
12. **Canteen:** There should be provision for a canteen for the students, their guests, and all other staff members.
13. **Transport:** School should have separate transport facility under the control of the Principal. 25 and 50 seater bus is preferable.

Residential Accommodation

Residential family accommodation for faculty, should be provided, according to their marital status. Telephone facility for the Principal at her residence must be provided. Residential accommodation with all facilities is to be provided to the Hostel Warden.

Creche

There should be a crèche in the school campus.

Staff for the Hostel

1. Warden (Female) -3 : Qualification- B.Sc. Home Science or Diploma in House keeping/ Catering. Minimum three wardens must be there in every hostel for morning, evening and night shifts. If number of students s more than 150, one more warden/ Asst. Warden/ House keeper for every additional 50 students.
2. Cook-1: For every 20 students for each shift.
3. Kitchen & Dining Room helper-1 : For every 20 students for each shift.
4. Sweeper-3
5. Gardener-2
6. Security Guard/ Chowkidar-3

Admission Terms and Conditions

Eligibility Criteria

1. Minimum and Maximum age for admission will be 17 and 35 years respectively. For ANM/ LHV, there is no age bar.
2. Minimum education;
 - a) 10+2 class passed or its equivalent preferably with Science (Physics, Chemistry and Biology) subjects with aggregate of 45% marks.
 - b) Those who have cleared 10+2 vocational ANM course (revised after 2001) from the school recognized by Indian Nursing Council.
 - c) ANM training i.e. 10+1¹/₂ years training should also have passed +2 or its equivalent examination.
3. Admission of students shall be once in a year.
4. Students shall be medically fit.
5. In addition to the above, admission procedure can be laid down by concerned State Nursing Council/ Nursing Examination Boards (S.I.B.E, M.I.B.E, C.M.A.I.).

Admission / Selection Committee

This committee should comprise of:

- Principal Chairperson
- Vice-Principal
- Senior Tutor
- Chief Nursing Officer or Nursing superintendent

Admission Strength

GNM programme is a skill oriented programme. Therefore, INC will permit Maximum of 60(Sixty) students per batch per year.

Annual admission strength for each school should have prior sanction/permission from the Indian Nursing Council on the basis of student patient ratio, i.e. 1:10 and other teaching learning facilities should be made available for effective learning.

Admission strength is sanctioned as per table given below.

Number of admissions per year	Hospital bed strength
20	250
30	300
40	400
50	500

Training Period and Time Distribution

Duration of the Course

The Diploma course in General Nursing and Midwifery shall be of three years and six months duration.

There should be a preliminary period of 12 weeks. During this time the student will attend the wards for observation and supervised practice not exceeding 16 hours per Exemption for ANMs/LHVs/Female Health Workers

Six months exemption in training shall be given during the third year (in midwifery) to those:

- a) Who have undergone ANM training of 18 months or 2 years recognized by INC.
- b) LHV's with 2¹/₂ years of training recognized by INC.

Therefore duration of training shall be of 3 years.

Syllabus: Same as prescribed for GNM trainees in all three years and Internship period.

Year-wise distribution of weeks, days and hours of the course

Maximum hours per week per student shall be 36 to 40 including class room instructions and clinical field practice.

1 st	Year	46	weeks	1656 Hours
II nd	Year	46	weeks	1656 Hours
III rd	Year	46	weeks	1656 Hours

Note: Out of 52 weeks in one academic year, total of 6 weeks are deducted. 4 weeks vacation, one week preparatory leave and one week for examinations. Sundays and gazetted holidays are to be considered as holidays.

Vacation and Holidays

Annual Vacation	:	30 days
Sick Leave	:	10 days per annum
Preparatory Leave	:	7 days per annum

Sick leave cannot be accumulated from year to year.

Courses of Instructions and Supervised practice

FIRST YEAR

Subjects	Theoretical Hours & Supervised Practice
I. Biological Science	120
(i) Anatomy & Physiology	90
(ii) Microbiology	30
II. Behavioural Science	60
(i) Psychology	40
(ii) Sociology	20
III. Fundamentals of Nursing	215
(i) Fundamentals of Nursing	175
(ii) First Aid	20
(iii) Personal Hygiene	20
IV. Community Health Nursing	150
(i) Community Health Nursing I	80
(ii) Environmental Hygiene	20
(iii) Health Education & Communication skills	20
(iv) Nutrition	30
V. English	30
Total Hours of First year	575

SECOND YEAR

Subjects	Hours
I. Medical Surgical Nursing I (including Pharmacology)	140
II. Medical Surgical Nursing II (Specialities)	120
III. Mental Health & Psychiatric Nursing	70
IV. Computer Education	30
Total hours of Second Year	360

THIRD YEAR

Subjects	Hours
I. Midwifery and Gynaecology	120
II. Community Health Nursing II	100
III. Paediatric Nursing	70
Total hours of Third Year	290

INTERNSHIP PERIOD

Subjects	Hours
I. Educational Methods & Media for teaching in practice of Nursing	45
II. Introduction to Research	40
III. Professional Trends & Adjustment	40
IV. Administration and Ward Management	45
V. Health Economics	20
Total hours of Internship	190

Supervision of Students in the Clinical Areas

The students posted in the clinical areas should be accompanied by teaching faculty of the school.

The same practice must followed when students are posted for requisite clinical experience to affiliated Hospital/ Agency/ Institution.

The Nursing Service Personnel must actively participate in supervising, guiding and evaluating students in the hospital wards, health centers and in the community.

Records

Following are the minimum records which should be maintained in the school

a) For Students

1. Admission record
2. Health record.
3. Class Attendance record.
4. Clinical and Field Experience record
5. Internal assessment record for both theory and practical
6. Mark Lists (State Council/ Board Results).
7. Record of extra curricular activities of Student (both in the School as well as outside).
8. Leave record.
9. Practical Record Books- Procedure Book and Midwifery Record bookto be maintained as prescribed by INC.
10. Cumulative Record.

b) For each academic year, for each class/batch

1. Course contents record (for each subject).
2. The record of the academic performance.
3. Rotation plans for each academic year.
4. Record of committee meetings.
5. Record of the stock of the school
6. Affiliation record.
7. Grant-in-aid record (if the school is receiving grant-in-aid from any source like State Govt.etc).

Record of educational programmes organized for teaching faculty and student, both in the school as well as outside.

Annual reports (Record of the achievement of the school prepared annually).

School of Nursing should possess detailed and up-to-date record of each activity carried out in the school.

Health Services

There should be provisions for the following health services for the students:-

- a) An annual medical examination.
- b) Vaccination against Tetanus, hepatitis B or any other communicable disease as considered necessary.
- c) Free medical care during illness.
- d) A complete health record should be kept in respect of each individual students. The question of continuing the training of a student, with long term chronic illness, will be decided by the individual school.

CLINICAL EXPERIENCE

Student should be assigned for observing and practicing what they are learning under supervision in the clinical area. Minimum Clinical field Experience required and its suggested placement is as follows:

DISTRIBUTION OF CLINICAL EXPERIENCE

Year	First Year		Second Year		Third Year		Internship		Total of 3 years 6 months	
	Hrs.	Wks.	Hrs.	Wks.	Hrs.	Wks.	Hrs.	Wks.	Hrs.	Wks.
CLINICAL AREA										
Nursing Science	612	17	-	-	-	-	-	-	612	17
Medical Health Nursing I & II	-	-	828	23	-	-	252	6	1080	29
Community Health Nursing	288	8	72	2	216	6	168	4	744	20
Psychiatric Nursing	-	-	216	6	-	-	126	3	342	9
Paediatric Nursing	-	-	-	-	288	8	126	3	414	11
Midwifery & Gynaecological Nursing	-	-	-	-	756	21	168	4	924	25
Intern's Area of Interest	-	-	-	-	-	-	84	2	84	2
Night duty experience for interns	-	-	-	-	-	-	-	2	-	2
TOTAL	900	25	1116	31	1260	35	924	24	4200	115

NOTE:

1. Student of first year shall be posted in general Medical, Surgical ward for developing skills in basic nursing experience and it shall not be applicable for developing specialized skills in these areas.
2. Community Health experience in 2nd Year (2 Weeks). Community Health Nursing experience has been prescribed for 2 Year in order to give desired learning Experiences and to keep continuity. The concepts of Medical surgical and psychiatric nursing can also be applied to Community Health Nursing Experience
3. No night duty experience in the first year. Only 8 weeks of night duty experience is to be given throughout the training period.
4. The extra hours which have not been accounted for in this syllabus can be planned and utilized by individual Schools as per their need.

Internal Assessment

1. There shall be 25% Internal assessment for all theory papers and 50% Internal assessment for all the practicals.
2. A regular and periodic assessment for each subject and clinical/ field experience is to be carried out.
3. For the purpose of internal assessment there shall be written test in each subject taken by the respective teacher each month

The student shall be required to maintain the Practical record book and report of observation visits and diary for assessment by the teachers concerned, various other techniques for assessment must also be used. Marks shall be allotted for each of the following:

- a) Case study
 - b) Case presentation
 - c) Nursing care plan
 - d) Maintenance of record books (Procedure Book and Midwifery Record book).
 - e) Daily diary
 - f) Areawise clinical assessment is to be carried out. Minimum two assessments are required in each clinical area.
4. Regular record of theory and practical is to be maintained. Task oriented assessment is to be undertaken. Assessment shall be maintained by teacher for each student each

month. This can be checked by the Council/ Board. Principal shall sign all the records of examination. It should be displayed on the notice board for the information of the students.

5. A Candidate must secure 50% marks in internal assessment separately In each theory and practical. To be successful a student must get 50% marks in the internal as well as Council or Board Examination of each year
6. For a student who appears for any supplementary examination, her/his fresh internal assessment in the failed subject (s)/ practical(s) is to be sent to the Council/Board.
7. State Nursing Council/Board should prepare a model perform for performance evaluation for each of the clinical area and circulate to all; Schools of Nursing for maintaining uniformity.

Each student is required to maintain the record of following assignment in clinical areas in each year:

First Year

- | | | |
|---|---|---|
| a) Nursing Care plan | — | 4 in medical/
surgical wards. |
| b) Daily Diary | | |
| c) Health - Talk | — | 1 each in urban and
rural community field. |
| Family Study including
Family care plan | — | 1 each in urban and
rural community field. |
| Health assessment of
an Individual in the family | — | 1 each in urban and
rural community field. |
| Community profile | — | 1 each in urban and
rural Community field. |

Second Year

a) Medical Ward

Nursing Care Plan

Case Study	1	In .
Case Presentation	1	an
Drug Study	1	an
b) Surgical Ward		Th
Nursing Care Plan	2	for
Case Study	1	the
Case Presentation	1	sig
Drug Study	1	ex:
c) Psychiatry Ward		Sc
Nursing Care Plan	1	A.
Case Study	1	<u>Fi</u>
Case Presentation	1	
Drug Study	1	
Process Recording	2	
Mental Status examination	4	
Third Year		
a) Paediatric Ward		Pa
Nursing Care Plan	2	I.
Case Study	1	
Case Presentation	1	II
Drug Study	1	
Observation Report (New born)	2	III
b) Maternity and Gynaecology ward		IV
Nursing Care Plan	2+1	
Case Study	1+1	
Case Presentation	1+1	
Drug Study	1+1	
c) Daily diary		
Health Talk	2 each	
Family Health Nursing care Plan	2 each	
Group Project	1 each	
	Urban & Rural Community field	

In addition to above, each student shall maintain a procedure book and midwifery case book signed by concerned teacher/ supervisor and Principal which is to be presented to examiner each year.

The above assignments are to be evaluated by concerned teachers for the purpose of internal assessment and shall be presented to the external examiner in a compiled form and it should be duly signed by her and should be stamped as cancelled after practical examination.

Scheme of Examination

A. Examination

First Year

Paper	Subject	Total Marks	Internal Assessment	Council/ Board Examination	Duration of Examination (Hrs.)
I.	BIO-SCIENCE Anatomy & Physiology Microbiology	100	25	75	3
II	BEHAVIOURAL SCIENCES Psychology Sociology	100	25	75	3
III	Fundamentals of Nursing Fundamental of Nursing First Aid Personal Hygiene	100	25	75	3
IV.	Community Health Nursing-I Community Health Nursing Environment Hygiene Health Education & Comm. Skills Nutrition	100	25	75	3
	Practical - I: Fundamentals of Nursing	100	50	50	

eld

Second Year

Paper	Subject	Total Marks	Internal Assessment	Council/ Board Examination	Duration of Examination (Hrs.)
I.	Medical Surgical Nursing I (Pharmacology)	100	25	75	3
II	Medical Surgical Nursing II (specialities)	100	25	75	3
III	Mental Health & Psychiatric Nursing	100	25	75	3
	Practical-I: Medical Surgical Nursing	100	25	75	3
	Practical-II: Psychiatric Nursing	100	(only School Examination, no Council / Board Exam.)		

Practical Examination for Psychiatric Nursing is to be conducted at the place of clinical experience at the end of clinical instructions by school itself and Internal Assessment marks should be sent to the Council/Board.

Third Year

Paper	Subject	Total Marks	Internal Assessment	Council/ Board Examination	Duration of Examination (Hrs.)
I.	Midwifery and Gynaecology	100	25	75	3
II	Paediatric Nursing	100	25	75	3
III	Community Health Nursing-II	100	25	75	3
	Practical-I: Midwifery	100	25	75	
	Practical-II: Paediatric Nursing	100	25	75	
	Practical-III: Community Health Nursing-II	100	25	75	

EXAMINATIONS FOR ANMs/ LHV's/ FHWs

These candidates will appear for all the examinations in theory and practical as per the scheme of examination for other candidates.

B. Eligibility for Admission to Examination

A candidates shall be eligible for the admission to the state Council/ Board examination if the Principle of the school certifies that:

- a) She/ he has completed not less than eleven month of the course
- b) She/ he has attended 75% of the formal instructions given on each subject and 75% of the clinical field experience in each area/subject separately during the academic year, however, the total clinical/field experience prescribed must be completed before the final council / Board examinations and before the issue of diploma.
(The diploma shall not be awarded to the student till she/ he has completed the clinical/ field requirements.
- c) The overall performance of the student and her/his conduct during the entire academic year has been satisfactory.
- d) The student has passed in the internal assessment in each subject i.e., both in the teaching and practical (5) by securing 50% markes separating in each theory and practcals(s)
- e) The record of practical experience is complete.
(The principle shall send to the Council/ board the internal assessment for each subject, i.e. both theory and practical (S)before the start of the examination along with the examination form).
- f) ANM/LHV/FHW who have been exempted for six months during third year will be eligible for third year examination after completion of six months training.

C. Supplementary Examination

The Council shall conduct supplementary examination within six months of the annual examination;

- a) If a student fails in one theory paper / practical, she / he may be allowed to proceed to the next year of study, She/ he will sit for a supplementary examination held subsequently in the failed subject/ practical. If she /he fails to clear supplementary examination she/he shall be allowed to sit again along with her next year annual examination.
- b) If a student fails in two or more papers or practical she/ he will not be allowed to proceed to the next year. She/He shall sit for supplementary examination in the failed subjects/ practicals only but shall be eligible for the next year's examination after one academic year from the date of passing the last examination.
- c) No candidate of category (a) shall be allowed to proceed to third year (higher class), unless she/he has passed in the subjects of the previous year (backlog to the second year).
- d) If a student fails in one theory paper/ practical examination of third year, she /he may be allowed to proceed for internship. She /he will sit for supplementary examination held subsequently in the failed subject/ practical.
- e) If a student fails in two or more papers / practicals she / he will not be allowed to proceed for internship. She/ he shall sit for supplementary examination in the failed subjects/ practicals only. A student shall not be allowed to proceed for internship till he / she clears third year examination.

D. Grading of Examination

Examination shall be graded on aggregate marks of the entire three and half years of the training programme, as follows:

Distinction	—	80% and above
First Division	—	70% to 79%
Second Division	—	60% to 69%
Pass	—	50% to 59%

E. Theory Examination

1. Nursing teacher with minimum five years of teaching experience (recent) in a particular subject may be appointed as paper setters and examiners for that particular subject only.
2. Question paper should have a combination of essay, short answer and objective type question (Situation based Questions)
3. All units of a subject and sub-subject should be given due weight age in accordance with the instructional hours prescribed.

F. Practical Examination

1. Practical examination is to be conducted in the respective clinical area.
2. Nursing teacher with minimum of five years of teaching/ clinical teaching experience (Recent) in a particular subject/ clinical area may be appointed as practical examiner.
3. Not more than 10 to 15 student are to be examined in a day.
4. Internal and external examiner shall jointly evaluate each candidate for practical examination.

Internship Period

General Objectives

Upon completion of the internship period the student shall be able to:

1. Demonstrate skills in the discharge of professional responsibilities independently and effectively.
2. Demonstrate beginning skills in teaching patients/ clients in health care setting and nursing student in clinical settings in an effective manner.
3. Demonstrate beginning skills in administration and management of nursing units, health clinics and health centers.
4. Assist/participate in research activities of the institution /organization in various health care settings.
5. Identify and appreciate the needs for continuing and in-service education in practice of nursing.

Details of Internship period

Total Duration	-	26 weeks/ 6 Months
Vacation	-	1 week
Examination	-	1 week

For the remaining 24 weeks students will be posted in different clinical areas and also undergo formal class room instruction.

Total working hours of each day	-	8
Hours per week	-	$8 \times 6 = 48$

Total hours of Internship period	-	48×24=1152
Total hours of theory instruction	-	190
Total hours of clinical posting	-	1152-190=962

Student shall attend one hour class daily and 7 hours for clinical experience or one day for theory and five days for clinical experience shall be planned by institutes as per their suitability which shall come to 40 hours per week clinical and 8 hours for theory.

Break Up of Clinical Experience

1.	Medical Nursing	-	3wks.
2.	Surgical Nursing	-	3wks.
3.	Pediatric Nursing	-	3wks.
4.	Psychiatric Nursing	-	3wks.
5.	Community Health Nursing	-	4wks.
6.	Midwifery	-	4wks.
7.	Student's area of interest	-	2wks.
8.	2 weeks of night clinical experience is to be given during this period with night supervisor.		
	Total	-	24wks.

Scheme of Evaluation-Internship Period (School Exam.)

Theory Examination

Subject	Assessment of Six Month Period	School examination	Total marks
1. Educational methods & Media for Teaching in Practice of Nursing and Research in nursing	50	50	100

2. Professional Trends and adjustment, Administration and Ward Management & Health Economics.	50	50	100
Total	100	100	200

Practical Evaluation : School Assessment

	Marks
Medical and Surgical Nursing	20
Pediatric Nursing	20
Community Health Nursing	20
Midwifery	20
Total	100

Practical Examination at the end of the six month is to be conducted by the school at its own level to assess clinical skills, ward management and professional trends. Marks are to be submitted to the council for addition in the overall result.

Diploma by the Council/Board will be issued only after successful completion of the Internship period.

Anatomy and Physiology

Hrs.90

Course Description

This course is designed to help students gain knowledge of the structure and function of the human body and recognize any deviation from normal health in order to render effective nursing services.

General Objectives

Upon completion of this course, the students will be able to:

- √ Describe in general the structure and functions of the human body
- √ Describe in detail the structure and functions of the different organs and systems in the human body.
- √ Apply the anatomical and physiological principles in the practice of nursing.

Course Content

Unit-I Introduction to anatomical terms

Unit-II Organization of body cells, tissues, organs, systems, membranes and glands

Unit-III Skeletal System

- Bones: types, Structure, Function
- Axial Skeleton

- Appendicular Skeleton
- Joints: classification, Structure and Function.

Unit-IV Muscular System

- Type, structure and functions.
- Position and action of chief muscles of the body.

Unit-V Cardio-Vascular System

- Blood: Composition, clotting and blood group, cross matching. Blood products and their use.
- Heart: Position, Structure, Conduction system, Function and cardiac cycle.
- Blood Vessels: Structural differences and position of chief vessels
- Circulation of Blood : Systemic, Pulmonary and Portal Circulation
- Blood Pressure and pulse
- Lymphatic system: Lymph vessels, glands, ducts and lymph circulation, lymph tissues in the body, spleen.

Unit-VI Respiratory System

- Structure and functions of respiratory organs
- Physiology of respiration.
- Characteristics of normal respiration and its deviations.

Unit-VII Digestive System

- structure and function of organs of digestion and accessory organs
- Process of digestion and absorption.
- Metabolism: meaning and metabolism of food constituents.

Unit-VIII Excretory System

- Structure and functions of organs of urinary system
- Structure and functions of the skin
- Regulation of body temperature.

- Fluid and electrolyte balance.

Unit-IX Nervous System

- Type, structure and functions of neuron.
- Central Nervous System: Structure and functions.
- Autonomic Nervous System: Structure and functions.

Unit-X Endocrine System

- Structure and functions of pituitary, pancreas, thyroid parathyroid, thymus and supra renal glands.

Unit-XI Sense Organs

- Structure and functions of eye, ear, nose and tongue.
- Physiology of vision, hearing and equilibrium.

Unit-XII Reproductive system

- Structure and functions of reproductive and accessory organs.
- Process of reproduction, menstrual cycle and menopause
- Reproductive health
- Structure and functions of male reproductive system.

Note: Wherever possible related clinical application should be included in each unit.

Microbiology

Hrs.30

Course Description

This course is designed to help students gain knowledge and understanding of the characteristics and activities of microorganisms, how they react under different conditions and how they cause different disorders and diseases. Knowledge of these principles will enable students to understand and adopt practices associated with preventive and promotive health care.

General Objectives

Upon completion of this course, the students will be able to:

1. Describe the classifications and characteristics of microorganism.
2. List the common disease producing micro - organisms and their characteristics.
3. Explain the activities of micro - organism in relation to the environment and the human body.
4. Enumerate the basic principle of control and destruction of micro-organisms.
5. Apply the principle of microbiology in nursing practice.

Course content

Unit-I Introduction

- Brief historical review of bacteriology and microbiology.
- Scope and usefulness of knowledge of microbiology in nursing.

Unit-II Micro-Organisms

- Classification, structure, size, method and rate of reproduction.
- Factors influencing growth.
- Pathogenic and non- pathogenic organisms.
- Normal flora of the body.
- Common diseases caused by different types of microorganisms.

Unit-III Infection and its transmission

- Sources of infection.
- Growth of microbes.
- Portals of entry and exit of microbes.
- Transmission of infection.
- Collection of specimens.

Unit-IV Immunity

- Types of immunity.
- Hypersensitivity and autoimmunity.
- Immunising agents.

Unit-V The control and destruction of micro-organisms

- Principle and methods of microbial control.
- Sterlization: dry heat, moist heat, chemicals and radiation.
- Disinfection Physical, natural, gases, chemicals used and preparation of lotions.
- Chemotherapy and antibiotics.
- Medical and surgical asepsis, cross-infection.
- Control of spread of infection.
- Pasteurization.
- Bio-safety and waste management.

Unit-VI Introduction to Laboratory techniques

- Microscope: Parts and uses. Handling and care of microscope.
- Inoculation of culture media.
- Staining and examination of slides.
- Preparation and examination of smears.

Psychology

Hrs.40

Course Description

This course is designed to help students understand the dynamics of human behaviour and concept of mental health. This will enable them to develop positive attitude and good inter- personal relationships in the practice of nursing in all health care settings.

General Objectives

Upon completion of this course, the students will be able to;

- √ Describe the concept of mental health and psychology.
- √ Explain the dynamics of human behavior, personality and learning.
- √ Discuss the role of adjustment mechanisms and emotions in health and illness.
- √ Demonstrate skills in the application of principle of psychology in nursing practice in all kinds of health care settings.

Course Content

Unit-I Introduction

- Definitions, scope of psychology and its importance in nursing profession.

Unit-II Psychology of Human Behaviour.

- Dynamics of behaviour, motivation and behavioral process

- of adjustment, adjustments and mal-adjustments, unconscious behaviour.
- Frustration: sources and nature of frustration, measures to overcome frustration
 - Conflicts; types, unconscious conflict, resolution, conflict and nursing.
 - Adjustment Mechanism: meaning, types and importance
 - Emotions: in health and disease, emotional situations, control of emotions, effect of emotional reactions on health.
 - Attitudes: meaning, development, changes in attitude, attitude and nursing.
 - Habits: formation, types, effective habit formation, advantages and disadvantage of habit formation.

Unit-III Learning

- Nature of learning, laws and types of learning, factors promoting effective learning, memory and forgetfulness.
- Thinking and reasoning.
- Nature and type of thinking
- Problem solving and reasoning.

Unit-IV Observation

- Attention and perception, factors affecting attention and observation and errors in perception.

Unit-V Intelligence

- Definition, individual differences in intelligence.
- Mental ability and nature of intelligence.
- Measurement of intelligence.
- Development of intelligent behaviour.

Unit-VI Personality

- Meaning, Types, factors affecting development of personality.
- Characteristics of various age group: child, adolescent, adult and aged.
- Will and character.

Sociology

Hrs.20

Course Description

This course is designed to help student gain an understanding of sociology in the context of its relevance to nursing practice.

General objectives

Upon completion of this course, the students will be able to:

- √ Describe the concept of the family as a social unit and the status of the individual in the family
- √ Explain the dynamics of society and identify common social problems.
- √ Demonstrate ability to understand the socio-cultural and economic aspects of the community in the light of their effects on health and illness.
- √ Utilise the knowledge and understanding of sociology in nursing practice.

Course Content

Unit-I Introduction

- Concept , scope nature and importance of sociology in nursing
- The socio-cultural and economic aspects of the community and their effects in health and illness.

Unit-II The Individual

- Brief review of human growth and development.
- Effect of environment on childhood, adolescence, adulthood and old age.
- The right and responsibilities of the individual in a democratic society.

Unit-III The Family

- Family as a social institution and basic unit for health services.
- Basic needs of family, its structure and relationships.
- Family life education: pre-marriage, marriage and parenthood.

Unit-IV The Society

- Concept
- Group: Types, Structure, inter-group relationship, group cycle, group behaviour and group morale.
- Social changes, social control, social stratification.
- Rural and urban society.
- Social problems: unmarried mothers, dowry system, prostitution, drug addiction, alcoholism, delinquency, handicapped, child abuse, women abuse.
- Social agencies and remedial measures.

Unit-V The Community

- Definition, characteristics and culture.

Unit-VI Economy

- Resources of the country: natural, occupational agricultural, industrial etc.
- Social Security
- Population explosion: Its effect on economy and the need for population control.
- Budgeting for a family, per capita income and its impact on health and illness.

Fundamentals of Nursing

Hrs.174

Course Description

This course is designed to help students develop an ability to meet the basic health need of the patients with regard to nursing care and develop skill in the competencies required for rendering effective patient care.

General Objectives

Upon completion of this course, the student will be able to :

- √ Describe the physical mental and social adjustment required of a sick individual and his family.
- √ Carry out basic nursing techniques and care with the application of sound scientific principles.
- √ Explain the concept of comprehensive nursing care
- √ Develop skills in assessment, planning, implementation and evaluation of the nursing care rendered to the patients.
- √ Communicate effectively and establish good interpersonal relationship with the patients, their relatives and other health team members.
- √ Demonstrate skills in observation, recording and reporting
- √ Recognise and utilize opportunities for planning and implementing need based health teaching programme(s) for individuals, groups, families and communities.

Course Content

Unit-I Introduction to Nursing

- Nursing: Definition, meaning, Nature, scope, principle sand history of nursing.
- Nurse: Definition and meaning, preparation of a nurse qualities-personal, professional.
- Ethics in nursing, Role and responsibilities of a nurse.
- Health care agencies: Hospital and Community, Types of Hospitals and their functions.
- Holistic approach to nursing
- Comprehensive nursing care.

Unit-II Nursing care of the Patient / Client

- Introduction to the sick and well.
- Determinants of health status.
- Patient/ Client: as an individual, member of the family, society, effects of illness and hospitalization on patient and his family.
- Admission of a patient: patient's unit, set up and care admission procedure, reception of patient, care of patient's belongings.

Bed and Bed Making

- Principle of bed-making, factor to be considered in selecting and making bed, different types of beds and their uses.

Maintenance of therapeutic environment

- Temperature, light , noise and humidity.

Psycho Social Environment

- Meaning and its importance, aesthetic consideration in the environment, colour scheme, beauty and flower arrangements .

Nursing Process and Nursing Care Plan

- Meaning, importance and steps in development.

Recording and Reporting

- Importance, types and nurses' responsibilities.

Discharging a patient

Preparation of the patient physically and mentally, discharge procedure, hospital policies, preparation of the patient's relatives for discharge.

Follow up and Rehabilitation revisit, treatment compliance and referral.

Unit-III Basic Nursing Care and Needs of the Patient

Hygienic Needs and Physical needs

- Importance of maintaining good personal and environmental hygiene in health and disease.
- Nurse's role in maintaining good personal and environmental hygiene
- Care of Skin and Mucous Membrane
- Bed bath, care of hair, eyes, nose, ears, teeth, genitalia, hands and feet.
- Nutritional needs
- Importance of diet in health and disease, factors affecting the normal nutrition in sickness, nurse's role in maintaining good nutrition, feeding helpless patients, maintenance of intake and output record.

Elimination needs

- Problem in sickness: constipation and diarrhoea, retention and incontinence of urine.
- Nurse's role in meeting elimination needs.

Safety needs

- Environmental hazards, role of nurses in prevention of health hazards.
- Interpersonal relationship, cultural/spiritual/religious needs.

Activity and Exercises

- Importance of activity and exercise in health and sickness, active and passive exercise.

Physical Comforts

- Comfort: meaning and its importance in health and disease, factors promoting and inhibiting physical comfort, comfort devices and their uses, body mechanics, positions.

Moving, shifting and Lifting of Patient

- Care of pressure points, bed sores: causes, signs, symptoms, prevention and nursing care.
- Shifting of patient from one side to another, from bed to wheel chair and bed to stretcher.

Unit-IV Assessment of Patient/ Client

- Principles and importance of assessment, methods of assessment: observation, palpation, auscultation, percussion, developing skill in observation.

Physical Assessment

- Height, weight, posture, speech

Physiological Assessment

- Temperature, pulse, respiration and blood pressure
- Characteristics of normal and abnormal (T.P.R and B.P.) and factors influencing the variations.
- Urine stool, vomit, sputum, normal and abnormal behaviour and its deviation.

Unit-V Therapeutic Nursing Care and Procedures Asepsis

- Hand washing, hand scrubbing, use of mask, gown, gloves.
- Disinfection techniques, sterilization techniques.
- Autoclaving, boiling, flaming, ultra violet rays.

Care and Sterilization of:

- Linen. bed, mattress, floor, walls, cupboard and other articles.
- Rubber goods, dressings, instruments, needles, syringes enamel articles.
- Barrier Nursing and Isolation.

Care of Respiratory System

- Inhalation: dry inhalation, moist inhalation, jug,

Nelson's inhaler, steam tent, electric inhalers, suction oro-nasal

- Collection of specimen of sputum for examination.

Care of Gastro Intestinal Tract

- Preparation and giving of enema: Retention enema, evacuation enema, suppository, passing of flatus tube,

Care of Genito Urinary System

- Perineal care of terminally ill patient and patient with urinary catheter.
- Collection of specimens of urine and stool for routine and culture examination.

Care of Skin and Mucous Membranes

- Cold application: ice cap, cold packs, use of evaporating lotion.
- Hot application: use of hot water bottle, dry fomentation, moist fomentation, medicated fomentation.

Unit-VI Basic Needs and Care in Special Conditions

- Care of patient with fever, unconscious patient, patient with fluid imbalance, patient with dyspnoea.
- Care of terminally ill patient.
- Care of physically handicapped.

Dying patient

- Signs and symptoms of approaching death, needs of the dying patient and his relatives, care of the dying, last offices, packing of dead bodies in non-communicable and communicable diseases.

Unit-VII Introduction to Pharmacology

- Concept of pharmacology.
- Classification of drugs.
- Administration of drugs.
- General action of drugs
- Nursing implications in administration of drugs.

First Aid

Hrs. 20

Course Description

This course is designed to help students develop and understanding of community emergencies and be able to render first aid services as and when need arises.

General Objectives

Upon completion of this course, the students will be able to :

- √ Describe the rules of first aid.
- √ Demonstrate skill in rendering first aid in case of emergencies.

Course Content

Unit-I Introduction

- Importance of first aid and rules of first aid.
- Concept of emergency.

Unit-II First Aid in Emergency situations

- Fire, burns, fractures, accidents, poisoning, drowning, haemorrhages, insect bites, foreign bodies.
- Transportation of the injured.
- Bandaging and splinting.

Unit III Community Emergencies and Resource Community Emergencies

- Fire, explosions, floods, earthquakes, famines
- Immediate and late role of nurses.
- Need for rehabilitation

Community Resources

- Police Assistance
- Voluntary agencies: Local, National and International agencies.
- Ambulance services: Their functions in relation to emergencies.

Personal Hygiene

Hrs.20

Course Description

This course is designed to help students acquire the concept of health, an understanding of the principles of personal health and its relation to nursing in health and disease.

General Objectives

Upon completion of this course, the students will be able to:

- √ Explain the concept of health and hygiene.
- √ Enumerate the principles of personal health.
- √ Demonstrate skills to apply these principles in effective nursing care of the patients/clients as well as in her own healthy living.

Course Content

Unit-I Introduction

- Concept of health and its relation to successful living.

Unit-II Maintenance of Health

- Determinants of health, building of good health habits, immunization, correction of defects, maintenance of health records.

Unit-III Physical Health

- Care of skin, hair, teeth, eyes, ears, hands and feet, Rest

and sleep, exercise, activity, recreation, posture, nutrition, elimination, menstrual hygiene.

Unit-IV Mental Health

- Characteristics of mentally healthy person.
- Mental hygiene in intrauterine, infancy, childhood, adolescence, adulthood and old age.

Community Health Nursing-I

Hrs. 80

Course Description

This course is designed to help students gain an understanding of the concept of community health in order to introduce them to the wider horizons of rendering nursing services in a community set-up, both in urban and rural areas.

General objectives

Upon completion of this course, the students will be able to:

- √ Describe the concept of health, community health and community health nursing.
- √ State the principles of epidemiology and epidemiological methods of community health nursing practice.
- √ Explain the various services provided to the community and the role of the nurse.
- √ Demonstrate skills to practice effective nursing care of the individuals and families in the clinics as well as in their homes, using scientific principles.

Course Content

Unit-I Introduction to Community Health and Community Health Nursing

- Health and disease.
- Community , community health, community health nursing.

- Dimensions of health.
- Health determinants.
- Indicators of health
- Levels of health care.
- Primary health care: Elements and principles, Nurse's role in primary health care.
- Health for all by 2000 A.D.
- Evolution and development of community health nursing in India and its present concept.
- Differences between institutional and community health nursing.
- Community health team functioning
- Philosophy, goals, objectives and principles of community health nursing practice.
- Qualities and functions of a community health nurse.

Unit-II Community Health Nursing Process

- Concepts and definition
- Importance of the community health nursing process.
- Steps of the process : Community identification, population composition, health and allied resources, community assessment, planning and conducting community health nursing care services.

Unit-III Health Assessment

- Characteristics of healthy individual.
- Identification of deviation from normal health.

Unit-IV Principles of Epidemiology and Epidemiological Methods

- Definition and aims of epidemiology.
- Basic tools of measurement in epidemiology.
- Uses of epidemiology.
- Disease cycle.
- Spectrum of disease.

- Levels of prevention of disease.
- Disease transmission-direct and indirect.
- Immunity
- Immunizing agents and immunization schedule.
- Control of infectious diseases.
- Disinfection.

Unit-V Family Health Nursing Care

- Concept, goals, objectives, family as a unit of health family health care services.
- Family health and nursing care process- Family health assessment, family care plan.
- Family health services- Maternal, child care and familywelfare services.
- Roles and function of a community health nurse in family health services.
- Family health records.

Unit-VI Family Health Care Settings

Home Visiting

- Purposes
- Principles
- Planning and evaluation.
- Bag technique

Clinic

- Purposes
- Types of clinics and their functions.
- Setting up of various clinics.
- Functions of Health personnel in these clinics.

Unit-VII Referral Systems

Unit-VIII Records and Reports

- Types of records.
- Uses of records.
- Essential requirements of records.

- Cumulative records.
- Design of cards/records.

Unit-IX Minor Ailments

- Classification
- Early detection and management.
- Standing instructions/orders.

Environmental Hygiene

Hrs. 20

Course Description

This course is designed to help students acquire the concept of health, understanding of the principles of environmental health and its relation to nursing in health and disease.

General Objectives

Upon completion of this course, the students will be to :

- √ Describe the concept of environmental health.
- √ Describe the principles of environmental health.
- √ Demonstrate skills to apply these principles in the nursing care of the patients/clients as well as in their own healthy living.
- √ Describe the environmental health hazards and health problems of the country and services available to meet these.

Course Content

Unit I Introduction

- Components of environment.
- Importance of environmental health.

Unit-II Environmental Factors Contributing to Health Water

- Safe and wholesome water.
- Uses of water.

- Water pollution
- Water borne diseases.
- Water purification

Air

- Air pollution
- Prevention and control of air pollution

Waste

- Refuse
- Excreta
- Sewage
- Health hazards of these wastes.
- Collection, removal and disposal of these wastes

Housing

- Site
- Basic amenities
- Types and standard of ventilation.
- Requirements of good lighting.
- Natural and artificial lighting.

Noise

- Sources of noise.
- Community noise levels.
- Effects of noise.
- Noise control.

Arthropods of Public Health Importance

- Mosquitoes, housefly, sand fly, human louse, ratfleas etc.
- Rodents.
- Control measures for these arthropods.

Unit-III Community Organization to Promote Environmental Health

- Levels and types of agencies: National, State, Local, Government, Voluntary and Social agencies.

Health Education and Communication Skills

Hrs. 20

Course Description

This course is designed to help students acquire the concept of health education and understanding of the principles underlying health education in order to develop an ability to communicate effectively with the patients, community, health team members and others.

General Objectives

Upon completion of this course, the students will be able to:

- √ Describe the concept of health education, communication skills, audio-visual aids and health education agencies.
- √ Identify and utilize opportunities for health education planned and incidental.
- √ Communicate effectively with others.

Course Content

Unit-I Introduction

- Concept, definition, aims and objectives of health education.
- Process of change/modification of health behaviour.
- Opportunities for health education in hospital and community.
- Scope of health education.
- Levels and approaches of health education.

- Principles of health education.
- Nurse's role as health educator.

Unit-II Communication Skills

- Definition of communication.
- Purposes of communication.
- Process of communication
- Barriers of communication and establishment of successful communication.
- Types of communication.
- Importance and art of observing and listening in communication.

Unit-III Methods and Media of Health Education

- Methods of health education.
- Types of media (A.V.Aids).
- Advantages and limitations of each.
- Preparation and uses of simple aids.

Unit-IV Health Education Agencies

- National
- State
- District
- Local.

Nutrition

Hrs. 30

Course Description

This course is designed to help students understand that nutrition is an integral component of health since nutrients play a vital role in the growth, development and maintenance of the body.

General Objectives

Upon completion of this course, the students will be able to:

- √ Describe the principles of nutrition and dietetics and its relationship to the human body in health and disease.
- √ Describe the common foods in health and disease.
- √ Apply this knowledge in the promotion of health and in the care of the sick.
- √ Demonstrate skills in selection, preparation and preservation of food.

Course Content

Unit-I Introduction

- Changing concepts - food habits and customs.
- Relationship of nutrition to health.

Unit-II Classification of food

A. Classification by origin

- Food of animal origin
- Food of vegetable origin

B. Classification by chemical composition and Sources

- Carbohydrates.
- Proteins
- Fats
- Minerals
- Vitamins
- Water

C. Classification by predominant functions.

- Body building food
- Energy giving food
- Protective food

D. Classification by nutritive value

- Cereals and millets.
- Pulses (Legumes).
- Vegetables.
- Nuts and oil seeds
- Fruits
- Animal food.
- Fats and oils
- Sugar and Jaggery.
- Condiments and spices.
- Miscellaneous food

Unit-III Normal dietary requirements and deficiency diseases of each of the constituents of food

- The Calorie
- Nutritive value of food items and their measures used.
- Balanced diet.
- Method of calculating normal food requirements, influence of age, sex and activity.
- Factors affecting selection and planning of meals.
- Budgeting for food.
- Low cost menu.
- Diseases caused by deficiency of protein, fat, carbohydrates, minerals and vitamins.

Unit-IV Preparation, Preservation and Storage of Food

- Principles of cooking.
- Methods of food preparation and their effects on food and food constituents, advantages and limitations of each.
- Household methods of preserving and storing food.
- Commercially prepared food and its adulteration.
- Precautions in selection, preparation and storage of food.

Unit-V Introduction to Diet Therapy

- Methods of modifying diet in relation to calorie value, by increasing or decreasing of constituents.
- Diet and the patient
- Environmental, psychological and cultural factors in acceptance of diet by the patient.
- Serving of food.
- Feeding of helpless patients.
- Opportunities for teaching.

Unit-VI Community Nutrition

- Concept of community nutrition.
- Nutritional needs for special groups; infants, children, pregnant woman, lactating mothers, old people etc.
- Nutrition education: needs and methods.
- Substitutes for non-vegetarian food.
- Methods of improving an ill-balanced diet.
- Community nutrition programme.
- Food hygiene and laws related to food.

Unit -II Common Preparations/ Practicals

- Beverages: Tea, coffee, barley water, fruit juice, shakes, lassi.
- Egg preparations: Scrambled eggs, egg flip, omlette, poached egg.
- Soups: tomato, bone, vegetable(s)., liver etc.
- Light Diets: gruel, khichri, daliya, kanji, boiled vegetables, salads, custards etc. (As per the regional preferences)

English

Hrs. 30

Course Description

This course is designed to help students develop an ability to comprehend spoken and written English, so as to communicate effectively in this language.

General Objectives

Upon completion of this course, the students will be able to:

- √ Read and write correct English.
- √ Communicate effectively in English language.
- √ Demonstrate skill in writing and speaking in English language.

Course Content

Unit-I Grammar

- The sentence
- Different parts of speech in brief.

Unit-II Composition

- Analysis, transformation and synthesis of sentences.
- Correct usage of sentences.
- Reading comprehension-Exercise of prescribed short answers.

Unit-III Written Composition

- Paragraph writing
- Story writing
- Comprehension
- Précis writing
- Essay writing

Unit-IV Vocabulary

- Conversation
- Speaking skills

Medical Surgical Nursing -I

Hrs. 140

Course Description

This course will help students understand the concept of disease and disease process. Students will be able to gain knowledge and develop understanding of various medical, surgical disorders and diseases. They will be able to give comprehensive nursing care to patients with these diseases.

General Objectives

Upon completion of this course, the students will able to :

- √ Describe the causes, symptoms, treatment and prevention of medical surgical diseases.
- √ Demonstrate skill in carrying out nursing technique and procedures with the application of scientific principles.
- √ Discuss nursing process and provide nursing care to patients with medical surgical/ diseases.

Course Content

Unit-I Introduction

- Brief history of evolution of modern medicine and surgery and theories of illness and its causation.
- Illness as human experience.
- Nursing process and nursing care plan.

Unit-II Nursing Assessment

- Health Assessment
- Physical examination.
- General clinical investigations.

Unit-III Patho Physiological Mechanism of Disease

- Inflammation.
- Stress adaptation.
- Defence against injury.
- Nutritional consideration.

Unit-IV Altered Immune Response

- Review of Normal Immunity. (Review Unit IV of microbiology)
- Altered Immune response, hypersensitivity and allergy.
- Nursing management of Immuno therapy.
- Auto Immune disease.
- Graft versus host disease.

Unit-V Clinical Pharmacology

- Terminology
- Drugs and laws.
- Basic clinical pharmacology.
- Sources of drugs, action, side effects, doses of drugs.
- Different pharmacological preparations.
- Administration of medicine to patient.
- Nursing implications of administration of drugs.

Unit-VI Nurse's role in Management of Fluid, Electrolyte and Acid Base Balance

- Water content of body.
- Homeostasis.
- Review mechanism of controlling fluid and electrolyte movement.
- Review regulation of fluid and electrolyte.
- Fluid and electrolyte imbalance and their therapeutic management.

Unit-VII Management of Patients in Pain

- Concept.
- Assessment
- Types, location.
- Nursing management.
- Analgesic drugs.
- Therapeutic approaches to pain.

Unit-VIII Operation Theatre Technique Physical Environment

- Operation theatre: cleaning of rooms, tables, trolleys, lights and other equipments.
- Pre-operative holding area.

Theatre Technique

- Scrubbing-hand washing
- Gowning.
- Gloving.
- Positioning of patient for various surgical procedures.

Preparation of Theater equipment & supplies

- Cleaning
- Packing
- Sterilization
- Needles, Sutures-types and their uses.
- Role of a nurse in care of patient in the theatre.

Unit-IX Management of Patient Undergoing Surgery

- Assessment of pre-operative patient: physical, psychosocial and physiological aspects.
- Nursing management of pre-operative patient.

Intra Operative Management

- Surgical Team.
- Nurse's functions in Operation Theatre.
- Anesthesia: classification, anesthetic agents and role of a nurse in anesthesia.

Post-operative management -Immediate and Routine

- Transferring patient from Operation Theatre.
- Patient in recovery room.
- Recovery from anesthesia.
- Post-operative nursing management.
- Administration of post-operative orders
- Post-operative complications: observation, prevention and management.

Unit-X Nursing Management of Patient with Impaired Respiratory Function and Gaseous Exchange

- Assessment of respiratory functions.
- Management of patient with impaired respiratory functions.
- Respiratory intensive care.
- Management of patients with disorders of upper respiratory tract.
- Management of patients with disorders of the chest and lower respiratory tract.

Unit-XI Nursing Management of Patients with Digestive and Gastro-Intestinal Disorders

- Assessment of Gastro-intestinal functions
- Management of upper gastro-intestinal disorders
- Gastro-Intestinal intubations and special Nutritional Management
- Management of patient with lower gastro-intestinal disorders

Unit-XII Nursing Management of Patients with Metabolic and Endocrine Disorders

- Assessment of hepatic and biliary function.
- Management in hepatic and biliary disorders.
- Assessment of endocrinal function.
- Management of endocrinal disorders.

Unit-XIII Nursing Management of Patients with Renal and Urinary Disorders

- Assessment of renal and urinary functions.
- Managements of patients with urinary and renal disorders.
- Renal failure and dialysis.
- Renal transplant.

Unit-XIV Nursing Management of Patients with Neurological Disorders

- Assessment of neurological function.
- Management of patient with neurological dysfunction.
- Management of patient with neurological disorders.

Unit-XV Nursing Management of Patients with Disorders of Connective Tissue and Collagen Disorders.

- Assessment
- Management of patients with disorders of connective tissue and collagen.

Unit-XVI Nursing Management of the Elderly.

- Assessment of elderly.
- Ageing process.
- Helping in promoting wellness and self care.
- Health problems in elderly.

Unit-XVII Emergency Management.

- Medical surgical emergencies.
- Nurse's role in emergency conditions.

Medical Surgical Nursing -II

Hrs. 120

Course Description

This course will help students understand the concept of diseases and disease process. Students will be able to gain knowledge and develop understanding of various medical surgical specialty disorders and diseases. They will be able to give comprehensive nursing care to patients with these diseases.

General Objectives

Upon completion of this course, the students will be able to;

- √ Describe the causes, symptoms, signs, treatment and prevention of diseases classified under medical surgical specialties.
- √ Demonstrate skill in carrying out nursing techniques and procedures with the application of scientific principles.
- √ Prepare nursing care plan using nursing process and provide care to patients with these diseases.

Course Content

Unit-I Oncology Nursing

- Nursing management of patient with abnormal cell growth.
- Assessment.
- Problems and management.
- Classification of Cancer.

- Detection, prevention.
- Treatment modalities.

Nursing management of patient receiving:

- Chemotherapy.
- Radiation.
- Late effects of chemotherapy and radiation.
- Nursing management of patient undergoing radical surgery.
- Bone marrow transplant and its management.
- Nursing management of terminally ill patient.
- Rehabilitation of cancer patients..

Unit-II Nursing Management of Patients with Diseases of Male Genito-Urinary Tract

- Assessment of genito-urinary function
- Disorders of male genitor-urinary tract and its management.

Unit-III Nursing Management of Patients with Disorders of Breast

- Assessment
- Disorders of breast and breast cancer.
- Management of patient undergoing surgery for cancer breast.

Unit-IV Nursing Management of Patients with Diseases and Disorders of Integumentary System

- Assessment of skin and its functions.
- Inflammatory and non-inflammatory disorders and diseases and its management.
- Infestations , infectious and non-infectious diseases and their management
- Skin cancer
- Special dermatological therapy.
- Burn and its management.

Unit-V Nursing Management of Patients with Ophthalmic Disorders and Diseases

- Assessment of function of eyes.
- Diseases and disorders of eyes and their management .
- Review national programmes on blindness and trachoma.

Hospital Cornea Retrieval

- Grief counseling, eye collection in hospitals
- Motivation for eye donation.
- Obtaining consent for eye donation.
- Transplantation of human organs bill and eye collection.
- Eye banking in India

Unit-VI Nursing Management of Patients with Disorders and Disorder and diseases of Ear, Nose and Throat

- Assessment of the function of Ear, Nose and Throat.
- Disorders and diseases of the Ear, Nose and Throat.
- Management of disorders and diseases of Ear, Nose and Throat.

Unit-VII Nursing Management of Patients with Cardio-Vascular, Circulatory and Haematological Disorders

- Assessment of cardio-vascular functions.
- Management of patients with cardio-vascular diseases.
- Management of patient in I.C.U. and C.C.U.
- Management of patient with cardio-vascular surgery.
- Assessment and management of circulatory, haematological disorders and problems of peripheral circulation.
- Phlebotomy Procedure in blood donors.
- Sample and request for blood transfusion.
- Safety checks and records for blood transfusion.
- Adverse transfusion reaction and their management.
- Blood bank functioning- Hospital transfusion committee.

- Blood donor care, post donation management, counselling of blood donors.
- Inventory of necessary requirement for the transfusions.

Unit-VIII Nursing Management of Patients with Communicable Diseases

- Assessment.
- Review of infection, how it spreads and its control.
- Preparation, care and administration of antisera and vaccines.
- Isolation - review of epidemiology and control measures.
- Management of various infectious diseases.

Diseases caused by:

Virus - Measles, Chicken pox, Influenza, Small pox, Mumps, Encephalitis, Infective Hepatitis, Poliomyelitis, Rabies, AIDS.

Bacteria - Diphtheria, Whooping Cough, Tetanus, Typhoid, Dysentery, Gastro-enteritis, Cholera, Meningococcal Meningitis, Tuberculosis.

Zoonosis - Kala-azar, Plague, Relapsing fever.

Mosquito - Malaria, Filariasis, Yellow fever, Dengue fever.

Unit-IX Nursing Management of Patients with Sexually transmitted diseases

- Assessment
- Sex health and hygiene.
- Gonorrhoea, Syphilis, Granuloma venereum, Chancroid, Granuloma inguinale and AIDS.

Unit-X Nursing Management of Patients with Musculo-skeletal Disorders and Diseases.

- Assessment of musculo-skeletal functions.
- Disorders and diseases of bone, muscle, cartilage, ligaments and their management.

- Rehabilitation, physiotherapy and occupational therapy.

Unit-XI Emergency and Disaster Nursing.

- Natural calamities.
- Manmade disaster.
- Community resources available to meet such calamities.
- Nurse's role in disaster management.

Mental Health and Psychiatric Nursing

Hrs. 70

Course Description

This course is designed to help students develop the concept of mental health and mental illness, its causes, symptoms, prevention, treatment modalities and nursing management of mentally ill.

General Objectives

Upon completion of this course, the students will be able to:

- √ Describe the concept of mental health and mental illness and the emerging trends in psychiatric nursing.
- √ Explain the causes and factors of mental illness, its prevention and control.
- √ Identify the symptoms and dynamics of abnormal human behaviour in comparison with normal human behaviour.
- √ Demonstrate a desirable attitude and skills in rendering comprehensive nursing care to the mentally ill.

Course Content

Unit-I Introduction

- Meaning of mental health and mental illness.
- Definition of terms used in psychiatry.
- Review of mental mechanisms (ego mechanisms).
- Review of personality and types of personality.

● **Unit-II History of Psychiatry**

- Contributors to psychiatry.
- History of psychiatric nursing.
- Trends in psychiatric nursing.

Unit-III Mental Health Assessment

- Psychiatric history taking
- Interview technique and mental status examination.

Unit-IV Community Mental Health

- Concept, importance and scope.
- Attitude and misconceptions towards mentally ill.
- Prevention of mental illness (Preventive Psychiatry) during childhood, adolescence, adulthood and old age.
- Community mental health services.
- Role of nurses in community mental health services.

Unit-V Psychiatric Nursing Management

- Definition of psychiatric nursing.
- Principles of psychiatric nursing.
- Nursing process.
- Role of nurses in providing psychiatric nursing care.
- Therapeutic nurse-patient relationship.
- Communication skills.

Unit-VI Mental Disorders and Nursing Interventions.

- Etiology- various etiological theories (genetics, biochemical, psychological, etc.)
- Classification of mental disorders.
- Organic mental disorder-Acute brain syndrome.
- Chronic brain syndrome.

Functional Mental Disorders

- Prevalence, etiology, signs and symptoms, prognosis, medical and nursing management.
- Schizophrenic disorders.
- Mood (affective) disorders.
- Manic Depressive Psychosis.

- Anxiety states.

Definition, etiology, signs, symptoms, medical and nursing management of:

Phobic disorders, obsessive compulsive disorders, depressive neurosis, conversion disorders, dissociative reaction, hypochondriasis, Psychosomatic disorders, alcohol, drugs and other psychoactive substance abuse.

Unit-VII Bio-Psychosocial Therapies

Psychopharmacology

- Definition, classification of drugs, antipsychotic, antidepressant, antimanic, antianxiety agents.
- Role of nurses in psychopharmacology.

Psychosocial therapies

- Definition of psychosocial therapies.
- Types of therapies: individual and group therapy, behaviour therapy, occupational therapy.
- Role of nurse in these therapies.

Somatic therapy

- History, technique of electro-convulsive therapy (ECT), indications, contraindications.
- Role of nurses before, during and after electroconvulsive therapy.

Unit-VIII Forensic Psychiatry / Legal Aspects.

- Legal responsibilities in care of mentally sick patients
- Procedure for admission and discharge from mental hospital, leave of absence.
- Indian Lunatic Act 1912
- Mental Health Act 1987
- Narcotic Drugs and Psychotropic Act 1985.

Unit-IX Psychiatric Emergencies and Crisis Intervention

- Over active patient
- Destructive patient
- Suicidal patient

Computers in Nursing

Hrs. 30

Course Description

This course is designed to help students gain a basic understanding of computers in order to utilize this in rendering effective nursing care in different settings.

General Objectives

- Upon completion of this course, the students will be able to:
- √ Describe the basic disk operating system.
 - √ Use computer for data processing.
 - √ Use computer for word processing and graphics.
 - √ Use computer in patient management system.
 - √ Use E-mail and internet.

Course Content

- Unit-I** *Introduction to computers and disk-operating system.*
- Unit-II** *Introduction to word processing.*
- Unit-III** *Introduction to data base.*
- Unit-IV** *Graphics and use of statistical packages.*
- Unit-V** *Windows application, word, excel, power point, multimedia.*
- Unit-VI** *Introduction to Internet and use of electronic mail.*
- Unit-VII** *Computer aided teaching and testing.*

Midwifery and Gynaecological Nursing

Midwifery: Hrs. 100
Gynaecology: Hrs. 20

Course Description

This course is designed to help students acquire knowledge and gain skills to meet the health needs of women during the period of pregnancy, labor and puerperium. The students will be able to identify different gynaecological disorders and diseases and gain skills in providing nursing care to women suffering from these disorders and diseases.

General Objectives

Upon completion of this course the students will be able to :

- √ Describe the health needs of women in pregnancy , labour and puerperium.
- √ Identify deviation(s) from normal pregnancy and take appropriate action.
- √ Demonstrate skills in providing antepartum, intrapartum and postpartum care to the mother as well as care to the new born.
- √ List different gynaecological problems and demonstrate skills in providing nursing care to women suffering from these disorders and diseases.

● Course Content

Unit-I Introduction

- Definition: Midwifery, obstetrical nursing.
- Scope
- Historical review.
- Development of maternity services in India.

Unit-II Reproductive system

- Review of genito-urinary system of male and female organs structure, physiology.
- Menstrual cycle
- Internal and external organs of reproduction.
- Female pelvis: structure, diameters and type.

Unit-III Embryology and foetal development

- Ovum, sperm, maturation, fertilization and implantation.
- Development of fertilized ovum , morula, blastocyst, embryo.
- Development of placenta: structure of full term placenta, functions and abnormalities, anatomical variations.
- Formation of foetal sac, membranes, amnion and chorion and their functions.
- Formation of liquor amni, its functions and abnormalities.
- Development of umbilical cord: structure , functions and abnormalities.
- Foetal skull: diameters, fontanelles, sutures and their importance.
- Foetal circulation.

Unit-IV Nursing Management of Pregnant Women.

- Reproductive health.
- Genetic counseling
- Physiological changes in pregnancy.
- Diagnosis of pregnancy: history, signs and symptoms and

investigations.

- Influence of hormones.
- Prenatal care: objectives, history taking, calculation of expected date of delivery, routine examinations.
- Health education: breast care, diet in pregnancy antenatal exercises.
- Preparation for hospital /home delivery.
- Immunisation.
- Minor disorders of pregnancy and its management.

Unit-V Nursing Management of women in Labour

- Definition, stage and duration.
- Causes of onset of labour.
- True and false labour.

A. First stage of Labour

- Signs of onset of labour
- Physiological changes in first stage of labour.
- Management –preparation of labour room.
- Preparation of women in labour: Physical and psychological.
- Equipments for normal delivery.
- Care: physical, psychological, monitoring of maternal and foetal condition.
- Vaginal examination; indications, articles, technique.

B. Second stage of Labour

- Signs of second stage.
- Mechanism of labour
- Monitoring of maternal and foetal condition.
- Physical and psychological care.
- Procedure for conduct of normal delivery
- Prevention of perineal tear.
- Episiotomy, suturing and care.

C. Third Stage of Labour

- Signs, physiological changes.

- Management : immediate baby care, technique of placental expulsion, monitoring maternal condition examination of placements and its membranes, blood loss.
- Immediate postnatal care/ fourth stage of labour.

D. Conduct of Home Delivery

Unit-VI Nursing Management of Baby at birth

- Assessment
- Review of physiology of new born
- Apgar scoring , examination for defects (head to foot Examination)
- Infant feeding :breast feeding, artificial feeding.
- Care of skin, eyes, cord, buttocks.
- Psychology and perception of new born.
- Minor disorders of new born: birth marks, rashes, skin infections, sore buttocks, infections of eyes.
- Jaundice of new born.
- Major disorders: birth asphyxia, resuscitation measures, haemolytic disease (RH factor).
- Infections and birth injuries.

Unit-VII Nursing management of Mother during puerperium

- Definition, objectives of care.
- Immediate postnatal care(care during IVth stage of labour)
- Physiological changes during puerperium
- Psychosocial aspects of care.
- Diet during puerperium
- Establishment of lactation and breast care.
- Perineal care.
- Postnatal exercises.
- Postnatal examination, followup, family welfare.
- Minor ailments and its management.

Unit-VIII Complications of Pregnancy and its management

- Bleeding in early pregnancy.

- Bleeding in late pregnancy.
- Pregnancy induced hypertension, pre-eclampsia, eclampsia.
- Hydramnios, oligohydramnios.
- Hydatidiform mole.
- Pelvic inflammatory diseases.
- Intrauterine growth retardation, intrauterine death.
- Post maturity

Unit-IX High Risk Pregnancy and its management

- Concept, factors.
- Anaemia, Jaundice, Viral infections.
- Urinary tract infections, Heart Diseases, Diabetes Mellitus, Osteomalacia, Sexually Transmitted Diseases, AIDS.
- Teenage pregnancy, Elderly primigravida, Multipara,
- Multiple pregnancy.

Unit-X High Risk Labour and its management

- Malpositions, Malpresentations: occipitoposterior position face, brow, shoulder and breech presentation.
- Contracted pelvis: definition, causes, diagnosis, management and trial of labour.
- Abnormal uterine action: hypotonic and hypertonic action, bandl's ring, contraction ring, precipitate labour
- Cervical dystocia.
- Early rupture of membranes, prolonged labour, Induction of labour.
- Obstructed labour rupture of uterus.
- Obstetrical emergencies: cord presentation, cord prolapse, amniotic fluid embolism, obstetric shock.
- Complications of third stage: post partum haemorrhage, atonic uterus, retained placenta and membranes, inversion of uterus.

Unit-XI Complications of Puerperium and its management

- Puerperal pyrexia, Puerperal sepsis, Thrombophlebitis, Embolism, Puerperal psychosis.
- Mastitis, Breast abscess

Unit-XII Obstetric operations

- Manual removal of placenta.
- Version: internal, external.
- Forceps delivery
- Vacuum extraction.
- Caesarean section.
- Medical termination of pregnancy.
- Laproscopic sterilization.
- Embryotomy.

Unit-XIII Drugs used in obstetrics

Unit-XIV Ethical and legal aspects related to Midwifery and Gynaecological Nursing.

CLINICAL EXPERIENCE

- 1 During this period of training, each student shall:
- 2 Conduct thirty antenatal examinations.
- 3 Witness fifteen deliveries before conducting one herself.
- 4 Make five vaginal examinations.
- 5 Conduct twenty deliveries.
- 6 Perform and suture five episiotomies, five first degree tears.
- 7 Give post natal care to thirty lying -in-mothers and to their new born babies.
- 8 Carry out ten health teachings for antenatal and lactating mothers.
- 9 Insert five intrauterine devices.

Gynaecological Nursing

Hrs. 20

Course Content

Unit-I Introduction

- Definition related to gynaecological nursing.
- Sexuality
- Gynecological history taking, examination and Investigations

Unit-II Puberty

- Definition development of sex organs in females.
- Menstrual cycle.
- Disorders of menstruation: amenorrhoea, dysmenorrhoea, cryptomenorrhoea

Unit-III Fertility and Infertility

Definition, causes both in male and female investigation and Management.

Unit-IV Pelvic Infections

- Vulva: vulvitis, bartholinitis.
- Vagina: vaginitis, trichomonas vaginalis, moniliasis
- Metritis, Salpingitis, oophoritis, pelvic abscess.
- Chronic infections ,cervical erosion.

Unit-V Uterine Displacement and Descent

- Retroversion, retroflexion.

- Descent of the uterus: first degree, second degree, complete procedentia.

Unit-VI Sexually transmitted diseases and their prevention

- Syphilis, gonorrhoea, warts.
- Acquired Immuno Deficiency syndrome (AIDS)/HIV

Unit-VII Breast Disorders

- Mastitis
- Breast abscess.
- Tumours.
- Malignancy.

Unit-VIII Benign and Malignant Neoplasms of Reproductive Organs

- Uterine polyps, uterine fibroids.
- Cancer: cervix, uterus
- Ovarian cyst: benign, malignant.
- Cancer: chemotherapy, radiotherapy.
- Palliative care.

Community Health Nursing-II

Hrs. 100

Course Description

This course is designed to help the students gain indepth knowledge of community health and community health nursing services. On completion of this course, the students will be able to function at the first level in various community health settings both in urban and rural areas.

General Objectives

Upon completion of this course, the students will be able to:

- √ Describe health system and health care services in India.
- √ Identify major health problems, national health programmes and specialized community health services.
- √ Explain the concept of health team and describe the nurse's role at various levels of health care settings
- √ Describe the demographic concept and family welfare programme.
- √ Explain and motivate use of birth control methods to the community.
- √ State the importance of health statistics.
- √ Maintain records and reports required in community health nursing services.
- √ Demonstrate skills in rendering effective nursing care in all community health settings.

● Course Content

Unit-I Health System in India (Organizational set-up)

- Central level.
- State level.
- District level
- Block and local level.

Unit-II Health care services in India.

- Health care concept and trends.
- Health care delivery system.
- Public sector: Rural areas, urban areas, health insurance, scheme, other agencies (Defence, Railways etc.)
- Voluntary health agencies.
- Indigenous system of medicine.
- Nurse's role in health care services.

Unit-III Health Planning in India

- National Health Policy
- National Health Planning
- Five year plans.
- Health committees and reports.

Unit-IV Specialized community Health services and nurse's role

- M.C.H.(Reproductive health and child care)
- School health services
- Industrial nursing
- Geriatric nursing
- Care of the handicapped: physically and mentally challenged.
- Rehabilitation nursing.

Unit-V Nurse's Role in National Health Programmes

- Major health problems in India.
- National control and development programmes.

- National eradication programmes.
- Nurse's role in national health programmes.

Unit-VI Demography and Family Welfare Demography

- Concept
- Trends in India and its implications.
- Concept of fertility and infertility.
- Small family norms.

Family Welfare

- Concept
- Importance
- Aims and objectives.
- Family planning methods.
- Family welfare policy.
- National programme
- Nurse's role in family welfare programme.

Unit-VII Health Team

- Concept
- Composition.
- Functions.

Role of nursing personnel at various levels

- Multipurpose health worker: male and female
- Lady health visitor/ Health supervisor
- Public health nurse.
- Public health nurse supervisor
- District public health nursing officer.

Unit-VIII Vital Health Statistics

- Concept
- Uses
- Sources
- Important rates and indices
- Vital health records and their utility.

Paediatric Nursing

Hrs. 70

Course Description

This course is designed to help the students develop and understanding of the concept of child health, the trends in child care and the health problems of children. This will enable the students to meet the needs of the children, in health and sickness.

General Objectives

Upon completion of this course, the students will be able to :

- √ Explain the concept of child health, the principles underlying child care and trends in paediatric nursing.
- √ Describe normal growth and development of children, so as to recognize deviation(s) form normal health.
- √ Demonstrate skill in meeting the needs of the sick as well as healthy children.

Course Content

Unit-I Introduction

- Concept in child health care.
- Trends in paediatric nursing
- Role of paediatric nurse in child care.
- Child care in India.
- Emerging challenges, nursing process related to paediatric nursing.

- Concept of preventive paediatrics.

- Vital statistics.

Unit-II The Newborn

A. Characteristics of New Born and Physiological status of the new born

- Assessment of the new born: head to toe assessment (physical assessment), neurological assessment.
- Nursing care of the normal/healthy new born including home care.
- Breast feeding-concept of Baby Friendly Hospital Initiative.

B. Common health problems-medical and nursing management of:

- Hyperbilirubinaemia, haemolytic disorder, neonatal hypoglycaemia, sepsis, oral thrush, impetigo, erythema toxicum, hypothermia, neonatal convulsions.
- Birth injuries; injuries of muscles and peripheral nerves, injuries of bones, soft tissue injury and injury of nervous system.

C. High Risk New born

- Definition: small for dates, Low birth weight
- Common health problems of pre-term, post term and low birth weight infants and their nursing management.
- High risk to new born of HIV +ve mother, diabetic mother, its medical and nursing care.

Unit-III The Healthy Child

- Growth and development: Definition, principles, factors affecting growth and development, techniques of assessment of growth and development, importance of learning about growth and development.

The Infant

- Growth and development during Infancy.

Health Promotion during infancy

- Nutrition counselling and weaning, immunization.
- Safety and security including prevention of accidents, play and toys.

The Toddler

- Growth and development of Toddler.
- Health promotion during toddler hood, nutrition counseling , toilet training, immunization, safety and prevention of accidents, guidance to parent on toddler's care, play and toys.

The Pre-Schooler

- Growth and development during pre-school years.
- Health promotion during pre-school years, nutritional guidance, safety and security, day care centres/nursery school, play, role of parents in sex education of child.

The School ager

- Physical, psychological and moral development during school age years.
- Health promotion during school years, nutritional guidance, sleep and rest, physical exercise and activity, dental health, sex education, play, role of parents in reproductive child health.

The Adolescent

- Physical changes, physiological and reproductive changes, reaction of adolescents to puberty.
- Health promotion during adolescence.
- Nutritional guidance, personal care, reproductive health/ sex education, Role of parents in health promotion of adolescents

Unit-IV The Sick Child

- Child's reaction to hospitalization.
- Effects of hospitalization on the family of the child.
- Role of nurse in helping child and family in coping with stress of hospitalization and illness.

Nursing interventions and adaptations in nursing care of sick child

- Examination, principles of safety observed in paediatric techniques.
- Preparation of child for diagnostic tests, collection of specimens.
- Calculation and administration of oral and parenteral medications.
- Procedures related to feeding: formula preparation, gavage, gastrostomy feeding.
- Procedures related to elimination: enema, colostomy irrigation.
- Use of play as nursing intervention
- Care of child in incubator.
- Administration and analysis of Oxygen concentration.
- Surgical dressing
- Steam tent inhalation.
- Immobilised child
- Phototherapy.

Unit-V Behavioural Disorders and common Health Problems during Childhood, their Prevention, Medical and Nursing Management

Infancy

- Nutritional disturbances, allergies, dermatitis, vomiting, diarrhea, failure to thrive, resistance to feeding, colic, anxiety.

Early Childhood

- Communicable diseases, poisoning, tonsillitis, otitis, media, urinary tract infections, diarrhoea, child abuse, breath holding spells, bed wetting, thumb sucking, nail biting, temper tantrums, masturbation.

Middle Childhood

- Helminthic infestations, common skin infections, animal and insect bites, stuttering, pica, tics, antisocial behaviour, enuresis.

Later Childhood

- Problems of pubertal development: precocious puberty, tall stature, gynaecomastia, acne, amenorrhoea, dysmenorrhoea, sexually transmitted diseases, accidents, sports injuries, Juvenile delinquency, anorexia nervosa, obesity.

Unit-VI Children with congenital Defects/Mal formations

Etiology, signs, symptoms, complications, medical, surgical and nursing management of:

- Malformations, of the central nervous system-cranial deformities, defects of spinabifida, meningocele, hydrocephalus, cerebral palsy, neural tube closure.
- Skeletal defects-cleft lip and palate.
- Defects of Gastro-intestinal tract- Oesophageal atresia and distula, anorectal malformations, hernia, congenital hypertrophied pyloric stenosis.
- Defects of Genitourinary tract- Hpospadiasis, epispadiasis, extrophy of bladder, phimosis, cryptorchidism, polycystic kidney.
- Sexual abnormalities - ambiguous genitalia, hermaphroditism.
- Defects of cardio-vascular system- Congenital heart diseases, major acyanotic and cyanotic defects.

Orthopaedic Abnormalities - Club foot, developmental abnormalities of extremities.

Unit-VII Children with various disorders and diseases

Etiology, signs, symptoms, complications, prevention, medical, surgical and nursing management of:

- Disturbances of fluid and electrolyte balance : imbalance, burns, disturbance of renal function, acute and chronic glomerulonephritis, acute and chronic renal failure.
- Disturbed respiratory functions: Acute infections of upper and lower respiratory tract, acute inflammation of lungs.
- Gastro-intestinal disorders: Malabsorption syndromes (celiac diseases) and obstructive disorders(Intestinal obstruction, Hirschsprung's disease) inflammatory conditions (appendicitis, Meckel's diverticulum, ulcerative colitis), worm infestations.
- Problems related to production and circulation of blood: Acquired heart diseases, congestive cardiac failure, infective endocarditis, rheumatic fever.
- Problems related to the elements of blood: Anaemias, sickle cell anaemia, thalassemia, defects of haemostasis, haemophilia, Immune deficiency diseases, HIV infection (AIDS), leukemias, thrombocytopaenia, purpura.
- Disturbances of regulatory mechanism: disturbances of cerebral functions- altered state of consciousness, craniocerebral trauma.
- Intracranial infections: Meningitis, encephalitis, convulsive disorders.
- Endocrine dysfunctions: Disorder of pituitary functions, disorders of thyroid and parathyroid function, disorders of adrenal cortex, disorders of pancreatic hormone secretion.
- Problems that interfere with locomotion: Poliomyelitis, osteomyelitis, kyphosis, lordosis and scoliosis, rheumatoid arthritis.

- Children with developmental problems: Handicapped children, multiple handicapped children, mental retardation.
- Communication disorders- hearing, vision impairment, deaf and blind children.

Unit-VIII Welfare of Children

- Child welfare services, agencies, balwadi, anganwadi, day care centres, midday meal programme.
- Welfare of delinquent and destitute children.
- Programme and policies for welfare of working children.
- National child labour policy
- Child Act, Juvenile Justice Act.
- Internationally accepted rights of the child.

**CURRICULUM
FOR
INTERNSHIP**

Educational Methods & Media For Teaching In Practice of Nursing

Hrs. 45

Course Description

This course is designed to introduce the students to the concept of teaching as an integral part of nursing, its relationship to nursing process and also the importance of effective communication in nursing.

General Objectives

Upon completion of this course the students will be able to :

- √ Explain the concept of teaching in changing the behaviour of the client.
- √ Describe techniques used for teaching clients.
- √ Describe the use of different media in teaching and effective communication.

Course Content

Unit-I Introduction

- Meaning, aims and purposes of education.
- Meaning of teaching and learning
- Principles of teaching and learning
- Teaching responsibilities of a nurse.
- Methods of teaching, methods of clinical teaching.
- Preparation of teaching plan.

Unit-II Media

- Definition, purposes and types of media.
- Preparation and use of audio-visual aids: graphic aids, printed aids, three dimensional aids, projected aids .
- Limitations, advantages and uses of different types of media.

Practical work

Students will organize teaching in the wards/clinics using nursing process approach and prepare variety of audio-visual aids to implement their teaching either individually or in groups. Students will also submit written teaching plan to the concerned teacher of selected clinical area.

Introduction to Research

Hrs. 40

Course Description

This course is intended to develop fundamental abilities and attitude in the students towards scientific methods of investigation and utilization of research finding so as to improve practice of nursing .

General Objectives

Upon completion of the course the students will be able to :

- √ Describe the need of research in the practice of nursing.
- √ Describe scientific methods of investigation used in nursing.
- √ Participate in small and large research activities of the hospital/unit/ward/community.

Course content

Unit-I Introduction

- Definition/meaning of research.
- Steps in scientific methods.
- Need for nursing research.
- Characteristics of good research.

Unit-II Introduction to research process

- Statement of research problem.
- Statement of purposes and objectives.

- Definition of research terms.
- Review of literature.

Unit-III Introduction to research approaches

- Types, methods, advantages and disadvantages of each method.

Unit-IV Introduction to data collection process

- Data collection
- Instruments of data collection.
- Characteristics of data collection.
- Techniques of data collection

Unit-V Introduction to analysis of data

- Tabulation
- Classification and summarization.
- Presentation and interpretation of data using descriptive statistics.

Unit-VI Writing of report

Unit-VII Introduction to Statistics

Unit-VIII Application and Utilization of Research in Nursing Practice

Practical work

Students are to read research literature in the library of the school and participate in or assist in conducting scientific investigation in any health care setting with the help of the teacher and submit a written report of the investigation in group of five to six, to respective teacher of selected clinical area.

Professional Trends and Adjustment

Hrs. 40

Course description

This course is designed to help students develop an understanding of the career opportunities available, limitations of nursing profession professional development.

General Objectives

Upon Completion of this course the students will able to:

- √ Describe nursing as a profession and the criteria of a profession.
- √ Identify various professional responsibilities of a nurse.
- √ Describe various professional organizations related to nursing and health.
- √ Identify the need for inservice and continuing education in nursing.
- √ Demonstrate skills in application of knowledge of professional etiquettes in the practice of nursing in any health care setting.

Course Content

Unit-I Introduction to nursing as a profession

- Definition and criteria of nursing profession.
- Evolution of nursing profession in India.

- Educational preparation of a professional nurse.
- Qualities/characteristics and role of a professional nurse.

Unit-II Professional ethics

- Meaning and relationship of professional ethics and etiquettes.
- Code of ethics for nurses, I.C.N code of ethics and Nightangle pledge.
- Procedure for employment: locating a position, applying and accepting a position, resignation from a position.

Unit-III Personal and professional growth/ development.

a) Continuing Education

- Meaning and importance of continuing education.
- Scope of continuing education.
- Planning and financing for continuing education.
- In-service education: definition, need, participation.

b) Career in Nursing

- Opportunities available in hospital, community, teaching and other related special organizations
- International influence and aid.
- Nursing in the future.

Unit-IV Legislation in Nursing

- Purpose and importance of laws in nursing, legal terms.
- Common legal hazards in nursing.
- Health laws and regulations affecting nurses in India at different levels: Center and State. Consumer protection bill and its impact in nursing practice.
- Fundamental conduct and service rules and institutional rules.
- Regulation and reciprocities.

Unit-V Professional and related organizations

- Professional organization: Trained Nurses Association of India(TNAI), Student Nurses Association, International Council of Nurses (ICN), Indian Nursing Council (INC), State Nursing Councils, Commonwealth Nurses Federation (CNF), Nurses League of Christian Medical Association.
- Related Organizations and their contribution to Nursing: World Health Organization(WHO), Red Cross, St. John's Ambulance, UNICEF, World Bank etc.

Administration and Ward Management

Hrs. 45

Course Description

This course aims at giving the student an elementary understanding of basic principle of administration and its application to the management of ward and health unit.

General Objectives

Upon completion of the course the students will be able to:

- √ Describe the meaning and principle of administration.
- √ Apply the principle of administration in practice of nursing in various health care settings.
- √ Plan the nursing service in the ward and community health settings.
- √ Describe the importance of good administration in the day to day nursing service in varied health care settings.

Course Content

Unit-I Introduction

- Meaning and philosophy of administration and management and their significance.
- Elements and principles of administration.

Unit-II Planning: Aims, Principle, methods and types

Unit-III Organization: Command, Co-ordination and Control, Delegation, Staffing and Budgeting

- Definition, aims principles and techniques
- Preparation of organizational chart of a hospital ward primary health center, sub center.
- Policies of the hospital and of the various departments of the hospital.

Unit-IV Administration of a hospital unit and ward

- Administration of ward/unit/health center, physical layout, safety measures, prevention of accident and infections, legal responsibilities of a nurse.

Personal Management

- Job description, job specification, Job analysis, and job satisfaction.
- Staff development and staff welfare.
- Leadership styles, Democratic leadership.

Management of Equipment and supplies

- Maintenance of supplies and equipment.
- Handling over and taking over of inventory.
- Indent and ordering of supplies and equipment.
- Problem solving: Process and approach, steps and methods of dealing with complaints of patients and other health team members.
- Record and reports: meaning, type of records and reports maintained in the ward, importance and use of records and reports. Records and reports maintained in Primary Health Center and Sub-Center.

Practical work

Student will work in ward / health center with Ward Sister/Public Health Nurse assisting her in carrying out her duties, to get experience in maintain ward inventory supplies, preparation of

duty roster and solving problems. Students will also get experience of working in the hostel kitchen, clinics and in camps organized by the hospital.

Group Project

Project are to be undertaken by individual or group of student in related fields on a selected topic or problem and solving the problem by using problem solving technique and submitting a written report of the same to the concerned teacher in the selected clinical area. This experience may be planned as part of the experience in various clinical areas and proper experience record should be maintained.

Health Economics

Hrs.20

Course Description

This course will help student to understand the basic concept of economics, health economics, the relationship between health and economic development, demand and supply, concept of cost and financing system of health care services in India . This will enable them to appreciate financial aspects of health care services.

General Objectives

Upon completion of this course, the students will be able to:

- √ Explain the meaning of economics and health economics.
- √ Analyse the relationship between health and economic development .
- √ Explain the concept of demand and supply.
- √ Describe the structure of health care industry and characteristics of market for health care services.
- √ Analyse the concept of cost in health care.
- √ Discuss financing system of health care services in India.

Course Content

Unit-I Introduction to Economics

- Definition and meaning, dimensions of economics, positive and normative economics.

Unit-II Introduction to Health Economics

- Concept of Health Economics.
- Focus of health economics
- Areas of health economics.
- The economics of health and health care service Health and economic development
- Causes of health problems in India.

Unit-III Costs of Health Care

- Concept of cost, types of costs.
- Opportunity cost, total fixed and variable cost, average marginal and sunk costs, cost benefit, cost effectiveness.

Unit-IV Demand and Supply in Health Care

- Concept of demand, need, supply, input, output, production function, industry and market.
- Structure of health care industry.
- Characteristics of health care services market.
- Demand side and supply side.

Unit-V Financing of Health Care in India

- Financing system and allocation
- Sources of financing of health care services.
- Health plans and outlays, the relative role of state and central government on financing of health care services.
- Factors influencing the state's ability to finance health care services.