



# भारत का राजपत्र The Gazette of India

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EXTRAORDINARY

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PART III—Section 4

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भारतीय उपचर्या परिषद्

अधिसूचना

नई दिल्ली, 17 मई, 2007

फा. सं. 11-1/2007-भा.उ.प.—भारतीय नर्सिंग परिषद् अधिनियम, 1947 (1947 का 48वां) के खण्ड 16 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए भारतीय उपचर्या परिषद् एतद्वारा निम्न विनियम बनाती है :—

1. लघु शीर्ष तथा प्रवर्तन.—इन विनियमों को पाठ्यक्रम और विनियम आपातकालीन और आपदा परिचर्या में पोस्ट बेसिक डिप्लोमा, 2005 कहा जाएगा।
2. ये विनियम सत्र 2007-08 से प्रभावी होंगे।

आपातकालीन और आपदा परिचर्या में  
डिप्लोमा शुरू करने के लिए मार्गनिर्देश

यह कार्यक्रम निम्न संस्थानों में शुरू किया जा सकता है:

(ए) ऐसे सरकारी (राज्य/केन्द्र/स्वायत्त) परिचर्या शिक्षण संस्थान जो परिचर्या में डिप्लोमा अथवा डिग्री कार्यक्रमों की पेशकश कर रहे हैं और जिनके मूल/संबंधनप्राप्त सरकारी अस्पताल में 'आपातकालीन तथा आपदा परिचर्या' अनुभव के लिए सुविधाएं हैं।

अथवा

(बी) ऐसे अन्य गैर-सरकारी परिचर्या शिक्षण संस्थान जो परिचर्या में डिप्लोमा अथवा डिग्री कार्यक्रमों की पेशकश कर रहे हैं तथा जिनके मूल अस्पतालों में 'आपातकालीन तथा आपदा परिचर्या' अनुभव के सुविधाएं हैं।

अथवा

(सी) ऐसा अस्पताल जिसमें प्रतिघात तथा गैर-प्रतिघात मामलों के लिए विशिष्ट आपातिक सेवाएं सुलभ हैं।

#### मान्यता प्रदान किए जाने की क्रियाविधि

1. आपातकालीन तथा आपदा परिचर्या में पोस्ट बेसिक डिप्लोमा शुरू करने के इच्छुक किसी भी संस्थान को राज्य सरकार से अनापत्ति/अनिवार्यता प्रमाण-पत्र प्राप्त करना होगा। जिन संस्थानों को परिचर्या में डिप्लोमा/डिग्री पाठ्यक्रम चलाने के लिए आईएनसी द्वारा पहले ही मान्यता प्रदान की जा चुकी है उन्हें अनापत्ति/अनिवार्यता प्रमाण-पत्र प्राप्त करने की जरूरत नहीं है।
2. परिचर्या कार्यक्रम (स्कूल/कालेज) शुरू करने के लिए संस्थान से प्रस्ताव प्राप्त होने पर आईएनसी भौतिक आधारिक सुविधाओं, नैदानिक सुविधाओं तथा शिक्षण संकाय को लेकर उपयुक्तता का आकलन करने के लिए निरीक्षण करेगी जिससे कि कार्यक्रम शुरू करने की अनुमति दी जा सके।
3. परिचर्या कार्यक्रम चलाने के लिए भारतीय उपचर्या परिषद की अनुमति मिलने के बाद संस्थान राज्य उपचर्या परिषद तथा परीक्षा बोर्ड/विश्वविद्यालय से अनुमोदन प्राप्त करेगा।
4. संस्थान केवल राज्य उपचर्या परिषद तथा परीक्षा बोर्ड/विश्वविद्यालय का अनुमोदन प्राप्त होने के बाद ही छात्रों का दाखिला करेगा।
5. भारतीय उपचर्या परिषद कार्यक्रम आयोजित करने की अनुमति को जारी रखने के लिए लगातार दो वर्षों तक निरीक्षण करेगी।

#### स्टाफ व्यवस्था

1. 1:5 के अनुपात में पूर्णकालिक शिक्षण संकाय शिक्षण संकाय की न्यूनतम संख्या 2 (दो) होनी चाहिए।  
अर्हता: 1. चिकित्सीय-शल्यक्रिया विशेषज्ञता सहित एम.एससी. नर्सिंग।  
2. आपातकालीन तथा आपदा परिचर्या में पोस्ट बेसिक डिप्लोमा।  
अनुभव: कम से कम 3 वर्ष
2. अतिथि संकाय - संबंधित विशेषज्ञताओं में बहुविषयक्षेत्रीय

#### बजट

स्टाफ वेतन, अंशकालिक अध्यापकों के लिए मानदेय, लिपिकीय सहायता, संस्थान के समग्र बजट में कार्यक्रम के लिए पुस्तकालय तथा आपातिक व्यय के वास्ते बजटीय प्रावधान होना चाहिए।

#### भौतिक सुविधाएं

1. क्लासरूम - 1
2. परिचर्या प्रयोगशाला - 1
3. पुस्तकालय - आपातकालीन तथा आपदा प्रबंध में नवीन परिचर्या पाठ्यपुस्तकों तथा पत्रिकाओं से सुसज्जित चिकित्सीय/अस्पताल पुस्तकालय का प्रयोग करने की अनुमति।
4. शिक्षण सहायक सामग्री - निम्न के प्रयोग के लिए सुविधाएं  
e ओवरहेड प्रोजेक्टर

- (ix) IV कैन्थूलेशन—मुक्त विधि
  - (x) वक्ष नलिका प्रवेशन
  - (xi) अंतःश्वासनली नलिका प्रवेशन
  - (xii) डीफाइब्रिलेशन
  - (xiii) वेंटीलेशन
  - (xiv) श्वासप्रणाल छिद्रीकरण
  - (xv) सीवीपी मानीटरन
- III. निष्पादित क्रियाविधियां
- (i) वायुमार्ग प्रबंध
    - (क) औरो ग्रसनी वायुमार्ग का प्रयोग
    - (ख) श्वासप्रणाली छिद्रीकरण की देखभाल
    - (ग) अंतःश्वासनली नलिका प्रवेशन करना
  - (ii) हृद—मानीटरन
  - (iii) हृद—फुफ्फुस पुनरुज्जीवन
  - (iv) जठर धावन
  - (v) वेंटीलेटर स्थापित करना
  - (vi) IV कैन्थूलेशन
  - (vii) ईसीजी
  - (viii) आपातक IV औषधियां देना
  - (ix) स्प्लिंटों का प्रयोग
  - (x) ट्रेक्शन की देखभाल
  - (xi) रक्त प्रशासन
- IV. अन्य क्रियाविधियां

टी. दिलीप कुमार, अध्यक्ष

[ विज्ञापन III/IV/102/2007-असा. ]

## INDIAN NURSING COUNCIL

## NOTIFICATION

New Delhi, the 17th May, 2007

F. No. 11-1/2007-INC.—In exercise of the powers conferred by Section 16 of the Indian Nursing Council Act, 1947 (48 of 1947), the Indian Nursing Council hereby makes the following Regulations namely :—

- (i) **Short Title and Commencement.**—These Regulations may be called the “Post Basic Diploma in Emergency and Disaster Nursing–2005”.
- (ii) These regulations will become effective from the session 2007-08.

## GUIDELINES FOR STARTING THE DIPLOMA IN EMERGENCY AND DISASTER NURSING

## THE PROGRAMME MAY BE OFFERED AT

- (A) The Government (State/Centre/Autonomous) nursing teaching institution offering diploma or degree programmes in nursing having parent/affiliated Government Hospital facilities for “Emergency and Disaster Nursing” experience.

Or

- (B) Other non-government nursing teaching institution offering diploma or degree programmes in nursing having parent Hospital facilities for “Emergency and Disaster Nursing” experience.

Or

- (C) The Hospital, which has a specific Emergency Services for Trauma and Non Trauma cases

## RECOGNITION PROCEDURE

1. Any institution which wishes to start post basic diploma in emergency and disaster nursing should obtain the No Objection/ Essentiality certificate from the State Government. The institutions which are already recognized by INC for offering diploma/degree programmes in nursing are exempted for obtaining the No Objection/ Essentiality certificate.
2. The Indian Nursing Council on receipt of the proposal from the Institution to start nursing program (School/College), will undertake the 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 for two consecutive years for continuation of the permission to conduct the programme.

## STAFFING

1. Full time teaching faculty in the ratio of 1:5  
Minimum number of teaching faculty should be 2 (two)  
*Qualification* : 1. M.Sc. Nursing with Medical–Surgical Specialty  
2. Post basic diploma in Emergency and Disaster Nursing  
*Experience* : Minimum 3 years
2. Guest faculty—Multi-disciplinary in related specialities

## BUDGET

There should be budgetary provision for staff salary, honorarium for part time teachers, clerical assistance, library and contingency expenditure for the programme in the overall budget of the institution.

## PHYSICAL FACILITIES

1. *Class room* —1
2. *Nursing Laboratory* —1

3. *Library*—Permission to use medical/hospital library having current nursing textbooks and journals in Emergency and Disaster Management.
4. *Teaching Aids*—Facilities for the use of :
  - Overhead projector
  - Slide Projector
  - Video viewing
  - LCD projector
  - Internet facility
  - Computer, DVD player, TV and VCR
  - CD's, DVD's, Video cassettes
  - Equipment for demonstration of skills
5. *Office facilities* :
  - Services of typist, peon, safai karamchari
  - Facilities for office, equipment and supplies, such as :
    - stationary
    - computer with printer
    - Xerox machine/Risograph
    - Telephone

#### CLINICAL FACILITIES

##### *Minimum Bed strength*

- 250-500 beds and ICU facility
- Emergency beds : 10

#### ADMISSION TERMS AND CONDITIONS

The student seeking admission to this course should :

1. Be a registered nurse (R.N. & R.M.) or equivalent.
2. Possess a minimum of one year experience as a staff nurse.
3. Nurses from other countries must obtain an equivalence certificate from INC before admission.
4. Be physically fit.
5. No. of seats :
  - Hospital which is having 250-500 beds no. of seats = 5—10
  - Hospital having more than 500 beds no. of seats = 10—20

#### ORGANIZATION OF THE COURSE

I. *Duration*: Duration of the course is one academic year.

II. *Distribution of the Course* :

- |   |          |
|---|----------|
| 1. Teaching: Theory & Clinical practice | 42 weeks |
| 2. Internship                           | 4 weeks  |
| 3. Examination (including preparation)  | 2 weeks  |
| 4. Vacation                             |          |

5. Public holidays

2 weeks

52 weeks**III. Course objectives :****General Objective :**

At the end of the course the student will be able to develop an understanding of philosophy, principles, methods and issues, management, education and research in emergency and disaster nursing. Further more, this course will enable them to develop skills and attitude in providing competent emergency and disaster nursing care.

**Specific Objectives :**

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

1. Describe the concepts and principles of emergency and disaster nursing.
2. Describe physiological, pathological and psychosocial aspects of conditions requiring emergency care.
3. Describe various types of disasters and their effects.
4. Perform advance cardiac life support skills.
5. Make a plan for organization of emergency units including triage and ambulance service.
6. Apply nursing process in caring of patients receiving emergency care.
7. Organize and demonstrate nursing skills in disaster management.
8. Conduct research in emergency and disaster nursing.
9. Teach and supervise nurses and allied health workers.

**IV. Course of Studies :**

	Theory	Practical
1. Clinical Nursing-I (Inclusive of foundation courses)	155 Hours	Intergrated Clinical Practice
2. Clinical Nursing-II	155 Hours	
3. Supervision and Management, Clinical Teaching, Elementary Research and Statistics		1280 Hours
(i) Supervision and Management	30 Hours	
(ii) Clinical Teaching	30 Hours	
(iii) Elementary Research and Statistics	30 Hours	
4. Internship		160 Hours
<b>TOTAL</b>	<b>400 Hours</b>	<b>1400 Hours</b>
⊗ Hours distribution for theory and practice	$42 \text{ weeks} \times 40 \text{ hours/week} = 1680 \text{ hours}$	
⊗ Block classes	$4 \text{ weeks} \times 40 \text{ hours/week} = 160 \text{ hours}$	
⊗ Integrated theory and clinical practice	$38 \text{ weeks} \times 40 \text{ hours/week} = 1520 \text{ hours}$	
—(Theory 400 hrs)* Theory 6 hours/week	$38 \text{ weeks} \times 6 \text{ hours/week} = 240 \text{ hours}$	
—Clinical experience 34 hours/week	$38 \text{ weeks} \times 34 \text{ hours/week} = 1292 \text{ hours}$	
⊗ Internship :	$4 \text{ weeks} \times 40 \text{ hours} = 160 \text{ hours}$	

**V. Clinical Experience***Areas of Clinical experience required***Emergency Services**

—38 weeks

(Medical, Surgical, Paediatrics, Obstetrics and Gynecology, Trauma, Orthopaedic, Neuro and Psychiatric, Burns, all ICU's,\* all shifts)

\*Two weeks evening and two weeks night.

**VI. Examination Scheme**

	Int. Ass. Marks	Ext. Ass. Marks	Total Ass. Marks	Duration (in hours)
<i>A. Theory</i>				
Paper I— Clinical Nursing I	50	150	200	3
Paper II— Clinical Nursing II	50	150	200	3
Paper III— Supervision and Management, Clinical Teaching, Elementary Research and Statistics	50	150	200	3
<i>B. Practical</i>				
Clinical Nursing (teaching and supervision to be integrated)	100	100	200	
<b>Grand Total</b>	<b>250</b>	<b>550</b>	<b>800</b>	

**C. Conditions for Admission to Examination**

The Student :

1. Has attended not less than 75% of the theoretical instruction hours in each subject during the year.
2. Has done not less than 75% of the clinical practical hours. However, students should make up 100% of attendance for integrated practice experience and internship in term of hours and activities before awarding the certificate.

**VI. Examination**

The examination to be conducted by the State Nursing Registration Council/State Nursing Examination Board/University recognized by the Indian Nursing Council.

**VIII. Standard of Passing**

1. In order to pass a candidate should obtain atleast 50% marks separately in internal Assessment and external examination in each of the theory practical and papers.
2. (a) Less than 60% is Second Division.  
(b) 60% and above and below 75% is First Division.  
(c) 75% and above is Distinction.
3. Students will be given opportunity of maximum of 3 attempts for passing

**IX. Certification**

A. TITLE— Post Basic Diploma In Emergency And Disaster Nursing.

B. A diploma is awarded upon successful completion of the prescribed study programme, which will state that

- (i) Candidate has completed the prescribed course of Emergency & Disaster Nursing.
- (ii) Candidate has completed prescribed clinical experience.
- (iii) Candidate has passed the prescribed examination.

**CLINICAL NURSING-I**  
(Including Foundation Courses)

**Description :**

This course is designed to develop an understanding of the principles of related biological and behavioural sciences, and emergency nursing including medical and surgical emergencies

**Objectives :**

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

1. Describe the principles of behavioural and biological sciences as applied to emergency nursing
2. Describe the concepts & principles of emergency Nursing.
3. Perform Advanced Cardiac Life support.
4. Describe Triage and the role of Nurse.
5. Describe Nursing process pertaining to medical & surgical emergencies.

Theory = 155 hours

Subject	Hours	Content
Unit I	10	<b>Psychology</b> <input type="checkbox"/> Review <ul style="list-style-type: none"> <li>• Individual differences</li> <li>• Learning, Motivation, attention &amp; perception</li> <li>• Emotions</li> <li>• Human behavior &amp; needs in emergency and disaster</li> <li>• Stress &amp; coping in emergency situations</li> <li>• Leadership</li> <li>• Communication and IPR</li> <li>• Attitudes and humanizing care</li> </ul>
Unit II	10	<b>Sociology</b> <input type="checkbox"/> Review <ul style="list-style-type: none"> <li>• Social organization &amp; community resources</li> <li>• Leadership roles in community,</li> <li>• Health-illness continuum in society</li> <li>• Effects of emergency &amp; disaster on individual, family, community and society</li> <li>• Role of individual, family, community and society during emergency &amp; disaster</li> </ul>
Unit III	10	<b>Microbiology</b> <input type="checkbox"/> Review <ul style="list-style-type: none"> <li>• Immunity</li> <li>• Infection</li> <li>• Epidemiology of common communicable diseases</li> <li>• Principles of asepsis, Sterilization &amp; disinfection</li> <li>• Diagnostic tests in Microbiology &amp; related nurses' responsibility</li> <li>• Standard safety measures &amp; biomedical waste management</li> </ul>



Subject	Hours	Content
Unit IV	20	<b>Applied Anatomy &amp; Physiology</b> <ul style="list-style-type: none"> <li>□ Review <ul style="list-style-type: none"> <li>• Neurological system</li> <li>• Respiratory system</li> <li>• Cardiovascular system</li> <li>• Gastro intestinal system</li> <li>• Endocrine system</li> <li>• Musculoskeletal system</li> <li>• Genitourinary system</li> <li>• Reproductive system</li> <li>• Sensory organs</li> </ul> </li> </ul>
Unit V	10	<b>Pharmacology</b> <ul style="list-style-type: none"> <li>□ Review <ul style="list-style-type: none"> <li>• Pharmacokinetics</li> <li>• Anesthetic agents</li> <li>• Analgesics/Anti inflammatory agents</li> <li>• Antibiotics, antiseptics</li> <li>• Drug reaction &amp; toxicity</li> <li>• Drugs used in Emergency</li> <li>• Principles of drug administration, role of nurses and care of drugs</li> </ul> </li> </ul>
Unit VI	10	<ul style="list-style-type: none"> <li>□ Introduction</li> <li>□ Definition, concepts and principles of emergency and Disaster nursing</li> <li>□ Organization of resources (men, material and facilities) —Ambulance, training of volunteers</li> <li>□ Nursing process</li> <li>□ Emergency care unit</li> </ul>
Unit VII	5	<ul style="list-style-type: none"> <li>□ Concepts in Emergency Care <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Triage</li> <li>• Concepts of triage</li> <li>• Role of triage nurse</li> <li>• Triage skills</li> </ul> </li> </ul>

Subject	Hours	Content
Unit VIII	25	<input type="checkbox"/> Basic Life Support (BCLS) <input type="checkbox"/> Advanced Cardiac Life Support (ACLS) <input type="checkbox"/> Defibrillation, monitoring, O <sub>2</sub> Therapy, endotracheal intubation, Care of patient on ventilators, pace maker and tracheostomy <input type="checkbox"/> Fluid and electrolyte and acid-base balance <input type="checkbox"/> Pain : assessment and management <input type="checkbox"/> Regulation of body temperature <input type="checkbox"/> Unconsciousness <input type="checkbox"/> Death & Dying
Unit IX	10	<input type="checkbox"/> Communication Skills & IPR <input type="checkbox"/> Guidance & Coanseling
Unit X	35	<input type="checkbox"/> Medical Emergencies : <ul style="list-style-type: none"> <li>• Application of Nursing process pertaining to care of patients with <ul style="list-style-type: none"> <li>- fluid, electrolyte &amp; acid-base imbalances</li> <li>- Endocrine emergencies</li> <li>- Respiratory emergencies</li> <li>- Cardiovascular emergencies</li> <li>- Poisoning, bites &amp; stings</li> <li>- Thermo regulatory emergencies</li> <li>- Neurological emergencies</li> <li>- Gastro intestinal emergencies</li> <li>- Genitourinary emergencies</li> <li>- Shock &amp; Haemorrhage</li> <li>- Drowning</li> <li>- Food poisoning</li> </ul> </li> </ul>
Unit XI	10	<input type="checkbox"/> Surgical Emergencies : <ul style="list-style-type: none"> <li>• Gastro intestinal emergencies <ul style="list-style-type: none"> <li>- perforation</li> <li>- intestinal obstruction</li> <li>- peritonitis</li> <li>- appendicitis, burst abdomen &amp; acute abdomen</li> </ul> </li> </ul>

#### CLINICAL NURSING-II

##### Descriptions :

This course is designed to develop an understanding of the principles of nursing management during severe Trauma, maternal and child health, other emergencies and disaster.

##### Objectives :

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

1. Define concepts of Trauma care.

2. Perform early management of severe Trauma.
3. Describe injuries of different body systems.
4. Describe nursing process pertaining to Obstretical, Gynaecological and paediatric emergencies.
5. Describe nursing process pertaining to behavioural emergencies.
6. Describe Management of mass-disaster victims.

Total Hours : 155

Unit	Hours	Subject
Unit I	60	<ul style="list-style-type: none"> <li>□ Early management of trauma :               <ul style="list-style-type: none"> <li>• Concepts in trauma care, Biomechanics of Injury, Trauma Prevention, Road safety</li> <li>• Initial assessment &amp; early management of trauma</li> <li>• Management of :                   <ul style="list-style-type: none"> <li>- Road Traffic Accidents</li> <li>- Traumatic Shock</li> <li>- Pain</li> <li>- Cranio Facial Injuries</li> <li>- Musculo skeletal injuries and spinal injuries</li> <li>- Cardio thoracic injuries</li> <li>- Abdominal injuries</li> <li>- Injuries during pregnancy</li> <li>- Burns</li> <li>- Paediatric Trauma</li> </ul> </li> <li>• Role of nurse</li> <li>• Post-trauma rehabilitation</li> </ul> </li> </ul>
Unit II	15	<ul style="list-style-type: none"> <li>□ Obstretical &amp; Gynaecological emergencies :               <ul style="list-style-type: none"> <li>• Obstretical Emergencies :                   <ul style="list-style-type: none"> <li>- 1st trimester emergencies : Ectopic pregnancy, Abortions</li> <li>- Antepartum emergencies : Proiapsed cord, Antepartum haemorrhage, placenta previa, preeclampsia and eclampsia, ruptured uterus</li> <li>- Post partum emergencies : Post partum haemorrhage</li> <li>- Obstetric shock</li> </ul> </li> <li>• Gynaecologic Emergencies :</li> <li>• Ovarian cyst/abscess</li> <li>• Pelvic inflammatory disease</li> <li>• Gynaecological trauma</li> <li>• Sexual assault</li> <li>• Vaginal bleeding</li> <li>• Role of nurse</li> </ul> </li> </ul>

Unit	Hours	Subject
Unit III	40	<input type="checkbox"/> Pediatric emergencies : <ul style="list-style-type: none"> <li>• Medical and Surgical emergencies :               <ul style="list-style-type: none"> <li>- Respiratory system</li> <li>- Cardiovascular system</li> <li>- Neurological system</li> <li>- Gastrointestinal system</li> <li>- Genitourinary system</li> <li>- Infectious disease emergencies</li> <li>- Skin lesions and Burns</li> <li>- Poisoning, Foreign bodies, drowning</li> <li>- Accidents</li> <li>- Shocks</li> </ul> </li> <li>• Child abuse &amp; sexual assault</li> <li>• Role of nurse</li> </ul>
Unit IV	15	<input type="checkbox"/> Behavioural emergencies : <ul style="list-style-type: none"> <li>- Suicide</li> <li>- Homicide</li> <li>- Substance abuse — alcohol, drugs</li> <li>- Panic attack</li> <li>- Acute Depression</li> <li>- Sexual assault</li> <li>- Post traumatic stress disorder (PTSD)</li> <li>- Role of nurse</li> </ul>
Unit V	25	<input type="checkbox"/> Mass disaster management <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Concepts &amp; Principles of disaster</li> <li>• Types of disaster</li> </ul> <input type="checkbox"/> Natural : Epidemics, Earthquake, Tsunami, flood, cyclone, landslides, fire etc. <input type="checkbox"/> Man Made Disasters: Terrorism Based Nuclear, Biological and Chemical warfare <input type="checkbox"/> Disaster Management <ul style="list-style-type: none"> <li>• Pre Hospital</li> <li>• Hospital</li> <li>• Community</li> <li>• Disaster Drill—Preparedness</li> <li>• Disaster Education</li> <li>• Role of a Nurse in organizing and co-ordinating outreach services.</li> </ul> <input type="checkbox"/> Role of nurse

**SUPERVISION & MANAGEMENT, CLINICAL TEACHING, ELEMENTARY RESEARCH & STATISTICS**

Section-A	Supervision & Management	Total Hours : 90
Section -B	Clinical Teaching	—30 HRS
Section-C	Elementary Research & Statistics	—30 HRS
		—30 HRS

**Descriptions :**

This course is designed to develop an understanding of the principles of supervision and management clinical teaching and research.

**Objectives :**

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

1. Describe Professional trends.
2. Describe role of nurse in management and supervision of nursing personnel in emergency and disaster situations.
3. Teach nurses and allied health workers about emergency and disaster nursing.
4. Describe research process and perform basic statistical tests.
5. Plan and conduct research in emergency and disaster nursing.

Subject	Hours	Content
Unit I	20	<p>Supervision &amp; Management</p> <p>□ Management</p> <ul style="list-style-type: none"> <li>• Definition &amp; Principles</li> <li>• Elements of management of emergency unit:-Planning, Organizing, Staffing, Reporting, Recording and Budgeting</li> <li>• Unit management :-Time, material &amp; personnel</li> <li>• Layout and Design of an Ideal Unit</li> <li>• Planning Based on Patient Classification</li> <li>• Institutional disaster management plan</li> <li>• Ambulance Services               <ul style="list-style-type: none"> <li>- Planning of Ambulance Service</li> <li>- Planning Men &amp; Material for Ambulance</li> <li>- An Ideal Ambulance</li> </ul> </li> </ul> <p>□ Clinical supervision</p> <ul style="list-style-type: none"> <li>• Introduction definition and objectives of supervision</li> <li>• Principles &amp; Functions of supervision</li> <li>• Qualities of supervisors</li> <li>• Responsibilities of clinical supervisors</li> <li>• Practice Standards of emergency units               <ul style="list-style-type: none"> <li>- Policies and Procedures</li> <li>- Establishing Standing Orders and Protocols</li> </ul> </li> <li>• Orientation programme for new recruits</li> </ul> <p>□ Quality Assurance Programme in emergency units</p> <ul style="list-style-type: none"> <li>- Planning audit</li> </ul>

		<ul style="list-style-type: none"> <li>□ Performance Appraisal               <ul style="list-style-type: none"> <li>• Principles of performance evaluation</li> <li>• Tools of performance appraisal                   <ul style="list-style-type: none"> <li>- Rating scales</li> <li>- Checklists</li> <li>- Peer reviews</li> <li>- Self appraisals</li> </ul> </li> </ul> </li> <li>□ Staff development               <ul style="list-style-type: none"> <li>• Introduction &amp; purposes</li> <li>• In-service education</li> <li>• Continuing education</li> </ul> </li> </ul>
Unit II	5	<ul style="list-style-type: none"> <li>□ Professional trends               <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Code of Ethics, code of professional conduct and practice standards of Nursing in India</li> <li>• Ethical issues in emergency care</li> <li>• Expanding role of the nurse: Specialist nurse, Nurse Practitioner etc.</li> <li>• Professional Organizations</li> </ul> </li> </ul>
Unit III	5	<ul style="list-style-type: none"> <li>□ Medico-Legal aspects               <ul style="list-style-type: none"> <li>• Legislations and regulations related to emergency care</li> <li>• Consumer Protection Act (CPA)</li> <li>• Negligence &amp; Malpractice</li> <li>• Legal responsibilities of nurses                   <ul style="list-style-type: none"> <li>- Case studies of judgment with regard to negligence of services of in the Hospital.</li> </ul> </li> <li>• Medico legal aspects</li> <li>• Records and Reports</li> <li>• Role of the nurse in Legal issues</li> </ul> </li> </ul>
Unit IV	30	<ul style="list-style-type: none"> <li>□ Teaching learning process               <ul style="list-style-type: none"> <li>• Introduction and concepts</li> <li>• Principles of teaching and learning</li> <li>• Formulation of learning objectives</li> <li>• Lesson Planning</li> <li>• Teaching methods                   <ul style="list-style-type: none"> <li>- Lecture</li> <li>- Demonstration, Simulation</li> <li>- Discussion</li> <li>- Clinical teaching methods</li> <li>- Micro teaching</li> </ul> </li> <li>• Self learning</li> </ul> </li> </ul>

		<ul style="list-style-type: none"> <li>• Evaluation           <ul style="list-style-type: none"> <li>- Assessment</li> <li>o Purposes</li> <li>o Type</li> <li>o Steps</li> <li>o Tools for assessing knowledge, skill and attitude</li> </ul> </li> <li>• Use of media in teaching learning process</li> </ul>
Unit V	30	<ul style="list-style-type: none"> <li>□ Research           <ul style="list-style-type: none"> <li>• Research and research process</li> <li>• Types of Research</li> <li>• Research Problem/Question</li> <li>• Review of Literature</li> <li>• Research approaches and designs</li> <li>• Sampling</li> <li>• Data collection : Tools and techniques</li> <li>• Analysis and interpretation of data :</li> <li>• Communication and utilization of Research</li> <li>• Research priorities in emergency and disaster</li> </ul> </li> <li>□ Statistics           <ul style="list-style-type: none"> <li>• Sources and presentation of Data               <ul style="list-style-type: none"> <li>- Qualitative and quantitative</li> <li>- Tabulation : frequency distribution, percentiles</li> <li>- Graphical presentation</li> </ul> </li> <li>• Measures of central tendency-mean; median, mode</li> <li>• Measures of variance</li> <li>• Normal Probability and tests of significance</li> <li>• Co-efficient of correlation.</li> <li>• Statistical packages and its application</li> <li>• Preparing a research proposal</li> </ul> </li> <li>□ application of computers</li> </ul>

### TEACHING LEARNING ACTIVITIES

#### (i) Methods of Teaching :

- ❖ Lecture
- ❖ Demonstration & Discussion
- ❖ Supevised practice
- ❖ Seminar
- ❖ Role play
- ❖ Workshop
- ❖ Conference
- ❖ Skill training
- ❖ Simulations

- ❖ Field visits
- ❖ Research project
- (ii) A. V Aids :
  - ❖ Over head projector
  - ❖ Slide Projector
  - ❖ Black board
  - ❖ Graphic Aids
  - ❖ Programmed — Video shows
  - ❖ Models & Specimens
  - ❖ LCD projector
  - ❖ Computer
- (iii) Methods of Assessment :
  - ❖ Written examination
  - ❖ Objective type
  - ❖ Short notes
  - ❖ Assignments
  - ❖ Case studies/care notes
  - ❖ Clinical presentation
  - ❖ Seminars
  - ❖ Project

#### ESSENTIAL CLINICAL/PRACTICAL ACTIVITIES

1. Patient Care Assignments
  2. Writing of Nursing care plan for assigned patient
  3. Work as Triage nurse
  4. Writing case studies - 5
  5. Case presentations - 5
  6. Writing Observation report
  7. Planned health teaching - 5
  8. Group Project - 1
  9. Clinical teaching - 3
  10. Conduct bedside rounds
  11. Prepare clinical rotation plan
  12. Prepare clinical teaching plan for students
  13. Perform clinical evaluation of students staff
  14. Unit management plan — Designing
  15. Supervision techniques — Writing unit report, Performance appraisal, Guidance, Staff Assignment, Material management
  16. Maintenance of Record and Reports
- Essential emergency nursing skills
- I. Procedure Observed :
- (i) CT scan



- (ii) MRI
- (iii) Trauma X-ray
- (iv) Any other

**II. Procedures Assisted :**

- (i) Advanced Cardiac life support
- (ii) Thoracentesis
- (iii) Paracentesis
- (iv) Lumbar Puncture
- (v) Arterial Blood Gas
- (vi) ECG Recording
- (vii) Cast application
- (viii) Blood transfusion
- (ix) IV cannulation — open method
- (x) Chest tube insertion
- (xi) Endotracheal intubation
- (xii) Defibrillation
- (xiii) Ventilation
- (xiv) Tracheostomy
- (xv) CVP monitoring

**III. Procedures Performed :**

- (i) Airway management
  - (a) Application of Oro Pharyngeal Airway
  - (b) Care of Tracheostomy
  - (c) Conduct Endotracheal Intubation
- (ii) Cardiac Monitoring
- (iii) Cardio Pulmonary Resuscitation
- (iv) Gastric Lavage
- (v) Setting of Ventilators
- (vi) IV Cannulation
- (vii) ECG
- (viii) Administration of emergency IV Drugs
- (ix) Application of Splints
- (x) Care of traction
- (xi) Blood Administration.

**IV. Other Procedures :**

T. DILEEP KUMAR, President  
[ADVT III/IV/102/2007-Extv.]

