

**Regulations and Curriculum for  
Post Basic Bachelor of Science in Nursing  
PBB.Sc (N)**

**Amended up to 2019 - 20**



(Deemed to be University under Section 3 of UGC Act, 1956)  
(Placed under Category 'A' by MHRD, Govt. of India, Accredited with 'A' Grade by NAAC)  
University Enclave, Deralakatte, Mangaluru – 575 018  
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## **VISION**

*To build a humane society through excellence in education and healthcare*

## **MISSION**

*To develop*

*Nitte (Deemed to be University)*

*As a centre of excellence imparting quality education,  
generating competent, skilled manpower to face the scientific and social  
challenges with a high degree of credibility, integrity,  
ethical standards and social concern*



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**University Grants Commission**  
**Bahadurshah Zafar Marg**  
**New Delhi- 110002**

No. F.26-5/2008(CPP-I)

24th March 2009,

**OFFICE MEMORANDUM**

1. And whereas the Ministry of Human Resource Development, Department of Higher Education vide its letter No. F.10-15/2008-U.3(A) dated 28th /29th July,2008 forwarded the proposal of Nitte University, Deralakatte, Mnagalore for bringing (i) K.S. Hegde Medical Academy, Deralakatte, Mangalore, (ii) Nitte Mahalinga Adyanthaya Memorial Institute of Technology, Karkala, Udupi, (iii) Nitte Usha Institute of Nursing Sciences, Deralakatte, Mangalore) (iv) Nitte Gulabi Shetty Memorial Institute of Pharmaceutical Sciences, Deralakatte, Mangalore (v) Nitte Institute of Physiotherapy, Deralakatte, Mangalore(vi) Nitte Meenakshi Institute of Technology, Gollahalli, Yelahanka, Bangalore, under the ambit of Nitte University, Deralakatte, Mangalore.
2. And whereas now, the University Grants Commission, on the recommendation of an Expert Committee constituted by the Chairman, UGC has agreed for bringing (I) K.S. Hegde Medical Academy, Deralakatte, Mangalore, (II) Nitte Usha Institute of Nursing Sciences, Deralakatte, Mangalore (III) Nitte Gulabi Shetty Memorial Institute of Pharmaceutical Sciences, Deralakatte, Mangalore (IV) Nitte Institute of Physiotherapy, Deralakatte, Mangalore under the ambit of Nitte University, Deralakatte, Mangalore.

Sd/  
**(K.P. Singh)**  
**Joint Secretary**  
**University Grants Commission**

(True Extract of the Notification)





# Nitte University

(Deemed University under section 3 of UGC Act 1956)

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University Enclave, Medical Sciences Complex, Deralakatte, Mangalore – 575 018

Tel: 0824-2204300/01/02/03; Fax: 91-824-2204308

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Ref: NU/REG/S3/2010-11/300-A

Date: 14-06-2010

## **Sub: Regulations and Curriculum for Post Basic B.Sc (Nursing) Program**

In exercise of the powers conferred under Rule No. R. 8 of the MoA, the Academic Council in its 7<sup>th</sup> meeting held on 11-06-2010 under the agenda item No. AC/8-7/10 has been pleased to approve the regulations and curriculum for Annual Scheme pertaining to Post Basic B.Sc Nursing programme in the Nitte Usha Institute of Nursing Sciences.

The Regulations and Curriculum shall come into force from the academic year 2010-11.

By order,

**REGISTRAR**



# Nitte University

(Deemed University under section 3 of UGC Act 1956)

Placed under Category 'A' by MHRD, Govt. of India

Accredited as 'A' Grade University by NAAC

University Enclave, Medical Sciences Complex, Deralakatte, Mangalore – 575 018

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Ref: NU/REG/AC/2016-17/687

Date: 20-03-2017

## NOTIFICATION

### **Sub: Regulations, Scheme and Syllabus for Post Basic B.Sc (Nursing Science) Programme**

In exercise of the powers conferred under Rule No. R.9 of the MoA, the Academic Council in its 31<sup>st</sup> meeting held on 14-03-2017 under the agenda item No. AC/5-31/17 has been pleased to approve changes to the Regulations scheme and syllabus for Annual Scheme pertaining to Post Basic B.Sc (Nursing Science) Programme.

The Regulations, scheme and syllabus shall come into force from the academic year 2017-18.

By order,

**REGISTRAR**



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**Ref: N(DU)/REG/AC-NUINS/2019-20/08**

**Date: 02.08.2019**

**NOTIFICATION**

**Sub: Resolutions of the Academic Council meeting held on 11.06.2019**

In exercise of the powers conferred under Rule No. R.9 of the MOA, the Academic Council in its 39<sup>th</sup> meeting held on 11.06.2019 under the agenda item no. AC/6-39/19 is pleased to approve the changes in regulations and syllabus for B.Sc Nursing and PBB.Sc Nursing Programme.

These changes will be effective for the batches admitted from 2019-20 and onwards.

By Order,

**REGISTRAR**





(Deemed to be University under Section 3 of UGC Act, 1956)  
(Placed under Category 'A' by MHRD, Govt. of India, Accredited with 'A' Grade by NAAC)  
Mangaluru, Karnataka, India

## **Regulations and Curriculum for Post Basic B.Sc. in Nursing – PBB.Sc (N)**

Amended up to 2019-20

### **Preamble:**

Nitte Usha Institute of Nursing Sciences established in 1992 to impart nursing education started B.Sc (Nursing) course in the same year. Consequent to becoming the constituent Institution of Nitte (Deemed to be University), the College started Post Basic B.Sc. in Nursing –P.B. B.Sc. (Nursing) from 2010-2011. The regulations for the course are formulated as under:

### **1. Introduction:**

- 1.1. These regulations shall be called Nitte (Deemed to be University) Regulations for P.B. B.Sc (Nursing) course and govern the policies and procedures including selection, admission, imparting of instructions, conduct of examinations, evaluation and certification of candidate's performance and all amendments there to, leading to the award of P.B.B.Sc (Nursing) degree. The regulations shall come into effect from the academic year 2019-2020.
- 1.2. This set of regulations shall be binding on all the candidates undergoing the said degree programme.
- 1.3. These regulations may be modified from time to time as mandated by the statutes of Indian Nursing Council. These provisions shall be applicable to any new degree program that may be introduced from time to time.
- 1.4. This set of regulations may evolve and get refined or updated or amended or modified or changed through appropriate approvals from the Academic Council or the Board of Management from time to time and shall be binding on all parties concerned including the Candidates, Faculty, Staff, Departments, and Institute Authorities.
- 1.5. All disputes arising from this set of regulations shall be addressed to the Board of Management. The decision of the Board of Management is final and binding on all parties concerned. Further, any legal disputes arising out

of this set of regulations shall be limited to jurisdiction of Courts of Mangalore only.

## 2. Definitions:

Unless the context otherwise requires

- *BoM* means Board of Management of Nitte (Deemed to be University)
- *BoS* means Board of Studies (UG and PG) in Nursing Sciences
- *College means* Nitte Usha Institute of Nursing Sciences
- He includes both genders He and She; similarly *his* and /or *him*, himself includes her, as well in all cases.
- *Head of the Institution* means the Principal of the College (Nitte Usha Institute of Nursing Sciences)
- *Institution/College* means Nitte Usha Institute of Nursing Sciences
- *Regulations* means this set of academic regulations
- *Regulatory Authority* - Authority appointed/constituted by the central/state government/s to regulate Nursing Science Education.
- *Teaching Hospital means* Justice K S Hegde Charitable Hospital or any other Hospital owned by, or under the management of Nitte (Deemed to be University)
- *University* means Nitte (Deemed to be University)

## 3. Duration of the Course:

The Candidate shall undergo a period of study extending over two academic years.

## 4. Medium of Instruction and Examinations:

The medium of Instruction and Examination shall be English.

## 5. Maximum Period for completion of the course:

The maximum period for completion of the P.B. B.Sc (Nursing) course is four years.

## 6. Eligibility for Admissions:

A candidate seeking admission must meet the following requirements.

- Passed the Higher Secondary or Senior Secondary or Intermediate or 10+2 or an equivalent examination recognized by the university for this purpose. Those who have done 10+1 on or before 1986, will be eligible for admission.
- Obtained a certificate in General Nursing and Midwifery and registered as R.N.R.M. with the State Nurses Registration Council. A male nurse, trained



before the implementation of the new integrated course besides being registered as a nurse with State Nurses Registration Council, shall produce evidence of training approved by Indian Nursing Council for a similar duration in lieu of midwifery in any one of the following areas:

- O.T. Techniques
  - Ophthalmic Nursing
  - Leprosy Nursing
  - TB Nursing
  - Psychiatric Nursing
  - Neurological and Neuro surgical Nursing
  - Community Health Nursing
  - Cancer Nursing
  - Orthopaedic Nursing
- Candidates shall be medically fit.
  - Students shall be admitted once in a year.

#### **7. Selection of eligible candidates:**

- i. Selection to the P.B. B. Sc (Nursing) course shall be based on the basis of merit obtained in the qualifying examinations.
- ii. Colour Blind candidates should be considered for admission to Nursing courses subject to the condition that colour corrective contact lens and spectacles are worn by such candidates.
- iii. **Reservation Policy:** For disabled candidates 5% Disability reservation to be considered with a disability of locomotor to the tune of 45% to 50% of the lower extremity.

#### **8. Withdrawal -Temporary and Permanent:**

##### **a. Temporary withdrawal:**

The student who has been admitted to the course may be permitted to withdraw temporarily for a period of 6 months or more up to one year on the grounds of prolonged illness, grave calamity in the family etc., provided:

- i. He/she applies stating the reason of withdrawal with supporting documents and endorsement by parent/guardian.
- ii. The College is satisfied that without counting the period of withdrawal candidate is likely to complete his requirement of the degree within maximum time specified.
- iii. There are no outstanding dues or demands with the department, library, hostel, College etc.

- iv. The tuition fee for the subsequent year may be collected in advance based on the severity of the case before giving approval for any such temporary withdrawal.
- v. Scholarship holders are bound by the appropriate rules applicable to them
- vi. The decision of the College/University regarding withdrawal of a candidate is final and binding.

**b. Permanent withdrawal:**

Any student who withdraws admission before closing date of admission for the academic session is eligible for the refund of the deposit only. The fees once paid will not be refunded on any account. Once the admission for the year is closed, and if a candidate wants to leave the institution, he will be permitted to do so and take the Transfer Certificate from the College (if required) only after remitting all the tuition fees for the remaining years.

- i. Those candidates who have received any scholarship/stipend/other forms of assistance from the College shall repay all such amounts in addition to those mentioned in the clause above.
- ii. The decision of the College/University regarding withdrawal of a candidate is final and binding.

**9. Migration:**

Migration of students may be considered only if the following conditions are fulfilled:-

- a) Migration is allowed after completion of one year of training but on the condition that the student has passed in all subjects of 1<sup>st</sup> Year.
- b) There is availability of vacancy in the Nursing College to which migration is sought.
- c) No migration will be permitted on any ground from one Nursing college to another located within the same city.
- d) Migration of students from one college to another is permissible only if both the colleges are recognized by the State Nursing Council and Indian Nursing Council and further, subject to the condition that it shall not result in increase in the sanctioned intake capacity for the academic year concerned in respect of the receiving nursing college.
- e) For the purpose of migration an applicant candidate shall first obtain “No objection Certificate” from the college where she is studying for the present and the University to which that college is affiliated and also from the college to which the migration is sought and also the University to which that college

is affiliated.

- f) INC's approval before Migration.

#### **10. Conduct and discipline:**

- 10.1. Candidates shall conduct themselves within and outside the premises of the College in a manner befitting the student of a professional College.
- 10.2. As per the order of Honorable Supreme Court of India, ragging in any form is considered as a criminal offence and is banned. Any form of ragging will be severely dealt with.
- 10.3. The following act of omission and/or commission shall constitute gross violation of the code of conduct and are liable to invoke disciplinary measures:
  - 10.3.1. Ragging as defined and described by the Supreme Court/ Government
  - 10.3.2. Lack of courtesy and decorum; indecent behaviour anywhere within or outside the campus.
  - 10.3.3. Willful damage or stealthy removal of any property/belongings of the Institute/Hostel or of fellow candidates/citizens.
  - 10.3.4. Possession, consumption or distribution of alcoholic drinks or any kind of hallucinogenic drugs.
  - 10.3.5. Mutilation or unauthorized possession of library books.
  - 10.3.6. Noisy or unseemly behaviour, disturbing studies of fellow candidates.
  - 10.3.7. Hacking in computer systems (such as entering into other person's domain without prior permission, manipulation and/or damage to the computer hardware and software or any other cyber crime etc.)
  - 10.3.8. Plagiarism of any nature.
  - 10.3.9. Any other act of gross indiscipline as decided by the Board of management from time to time.
- 10.4. Commensurate with the gravity of offense, the punishment may be: reprimand, fine, expulsion from the hostel, debarment from an examination, disallowing the use of certain facilities of the College, rustication for a specific period or even outright expulsion from the College, or even handing over the case to appropriate law enforcement authorities or the judiciary, as required by the circumstances.
- 10.5. For any offence committed in (i) a hostel (ii) a department or in a classroom and (iii) elsewhere, the Chief Warden, the Head of the Department and the Head of the Institution, respectively, shall have the















- iii. Review of literature
  - iv. Material and Methods
  - v. Results
  - vi. Discussion
  - vii. Summary and Conclusion
  - viii. References
  - ix. Tables
  - x. Annexure
- b. The written text of Project shall be not less than 50 pages and shall not exceed 200 pages excluding references, tables, questionnaires and other annexure. It should be neatly typed with double line spacing on one side of the paper (A4 size, 8.27” X 11.69”) and bound properly. Spiral binding should be avoided.
  - c. A guide shall be a full time post graduate teacher in the respective department of the College.
  - d. Candidates has to get the ethical clearance for institutional ethics committee before proceeding with the study.

#### 16.2.2 **Criteria for Pass:**

A candidate shall be declared as pass if he secures 50% of marks (both in internal and external examination) in each subject in theory and practical examination separately except for English, for which the minimum is 33% marks. Marks obtained in subject will not be considered for awarding class. However, the candidate must pass these subjects for the award of degree.

A Candidate, who fails in theory or practical exam in a subject, shall appear for both theory and practical in that subject in the subsequent examination.

A candidate who fails in any subject shall have to appear only in the subject failed, in the subsequent examinations.

#### 16.2.3 **Carry over benefit:**

The candidates if fail in more than one /two subjects in P.B B.Sc nursing programme can also be promoted to next year. A candidate can take any number of attempts with a condition that maximum period allowed for P.B. B.Sc Nursing programme is 4 years. However all papers need to be cleared before appearing in the final examination















































- Bacterial spores

**Practical:**

- Use and care of microscope
- Staining Technique
- Gram stain
- Acid fast stain

**Unit III:****6 hours****Physiology of bacteria**

- Growth and multiplication of bacteria
- Bacterial growth curve
- Bacterial nutrition
- Factors affecting bacterial growth
- Enumeration of culture media used for cultivating bacteria

**Unit IV:****6 hours****Sterilization and Disinfection**

- Definition of sterilization, disinfection, antisepsis and antiseptics
- Classification of agents of sterilization
- Physical methods of sterilization o Hot air oven
  - Autoclave
  - Filtration
  - Radiation
- Chemical agents
  - Spectrum, uses and concentration of various disinfectants and antiseptics in common use.

**Practical:**

a. Demonstration of Hot air oven and autoclave.

**Unit V:****10 hours****Systematic bacteriology**

Morphology, diseases caused and laboratory diagnosis in brief, prophylaxis when required of:

- Staphylococcus aureus.
- Streptococcus Pyogenes.
- Pneumococcus.
- Clostridium tetani.



- *Corynebacterium diphtheria*.
- *Gonococcus*.
- *Salmonella typhi* and *Paratyphi A, B, C*.
- *Shigella*.
- *Vibrio cholera*.
- *Pseudomonas aeruginosa*.
- *Treponema pallidum*.
- *Leptospira*.
- *Mycobacterium tuberculosis*.
- *Mycobacterium leprae*.

**Unit VI:****2 hours****Mycology**

- Introduction to Medical Mycology.
- Morphology and diseases caused by:
  - *Candida*
  - Dermatophytes
  - *Cryptococcus*

**Unit VII:****10 hours****Infection and Immunity**

- Infection
  - Definition
  - Sources of infection
  - Modes of transmission with examples
- Universal precautions.
- Sample collection and transportation.
- Hospital acquired infection and role of nurses in infection control.
- Biomedical waste management.
- Immunity
  - Definition and classification with examples
- Immunization
  - Definition and classification of vaccines with examples
  - National Immunization schedule

**Unit VIII:****6 hours****Parasitology**

- Introduction to Medical Parasitology.
- Classification of parasites.
- Morphology, life cycle, diseases caused and laboratory diagnosis in brief of parasites causing:
  - Amoebiasis.
  - Malaria.
  - Filariasis.
  - Ascariasi.
  - Ancylostomiasis.

**Unit IX:****7 hours****Virology**

- Structure and classification of viruses (based on nucleic acid).
- Structure, Diseases caused, modes of transmission and laboratory diagnosis in brief and prophylaxis of:
  - HIV.
  - Hepatitis B virus.
  - Rabies virus.
  - Polio virus.
  - Rota virus.
  - Dengue and Chikungunya viruses.

**Practical: Demonstration of rapid tests for HIV and Hepatitis B****Unit X:****3 hours****Clinical Microbiology**

- Bacterial food poisoning.
- Sexually transmitted diseases.
- Antibiotic resistance
  - Types: Chromosomal, Extra chromosomal.
  - Brief Description of MRSA and antibiotic resistance in Pseudomonas

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4. Jacob Anthikad; Medical Microbiology for Nurses, First edition, 2013, Jaypee Publishers, New Delhi.
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6. Dr. Arora; Medical Parasitology; 3rd Edition, 2010, CBS Publishers & Distributors, New Delhi
7. D.R. Arora; Microbiology for Nurses and Allied Sciences, First Edition, 2007, CBS Publishers & distributors, New Delhi.
8. C.P Baveja; Text book of Microbiology, 4th edition 2012. Arya publications.
9. Sathish Gupte; Short text book of Microbiology 9th, 2006, Jaypee Publisher, New Delhi.

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**I Year P.B. B.Sc. (Nursing)****Subject: Maternal Nursing****Theory - 60 hrs****Practical - 240 hrs****Course Description**

The course is designed to improve the theoretical concepts and skill component of student in the area of Maternal nursing which involve care of women in child bearing and management of Gynaecological problems

**COURSE OUTCOMES**

*At the end of the course students will be able to...*

- CO01:** Review the anatomy and physiology of female reproductive system and apply this knowledge in obstetrics and gynaecological nursing practice.
- CO02:** Describe the physiology of menstrual cycle, fertilization and development of ovum, physiological and psychological adaptation during pregnancy and relationship of the changes to diagnostic procedures and management of pregnancy, labour and puerperium
- CO03:** Describe the common drugs used in obstetrics and their effects during pregnancy, labour and puerperium.
- CO04:** Discuss the common obstetrical and gynaecological problems facing women during childbearing and postmenopausal period.
- CO05:** Plan to care women facing health problems associated with antenatal, intranatal and postnatal period.
- CO06:** Demonstrate competency to work with health care professionals to provide nursing care to obstetric and gynaecological patients.
- CO07:** Perform all nursing procedures related to care of women and the neonate during antenatal, intranatal, postnatal and gynaecological period.
- CO08:** Explain the current trends in obstetrical and gynaecological nursing
- CO09:** Analyze the importance of documentation obstetrics and gynaecologic management.

## Course Contents

<b>Unit I</b>	<b>4hrs</b>
<b>Introduction and historical review.</b>	
<ul style="list-style-type: none"><li>• Planned Parenthood</li><li>• Maternal morbidity and mortality rates</li><li>• Legislations related to maternity benefits. MTP Act, incentives for family planning etc.</li></ul>	
<b>Unit II</b>	<b>2hrs</b>
<b>Review of the anatomy and physiology of female reproductive system</b>	
<ul style="list-style-type: none"><li>• Female pelvis (normal and contracted)</li><li>• Review of foetal development.</li></ul>	
<b>Unit III</b>	<b>16hrs</b>
<b>Physiology and management of Pregnancy, labour and puerperium</b>	
<ul style="list-style-type: none"><li>• Common diagnostic procedures in obstetrics</li><li>• Signs and symptoms and diagnosis of pregnancy</li><li>• Antenatal care</li><li>• Pregnant women with HIV/ AIDS</li></ul>	
<b>Unit IV</b>	<b>5hrs</b>
<b>The New born baby</b>	
<ul style="list-style-type: none"><li>• Care of the baby at birth including resuscitation</li><li>• Essential New born Care<ul style="list-style-type: none"><li>- Feeding</li><li>- Jaundice and infection</li><li>- Small &amp; large for date babies.</li><li>- Intensive care of the new born</li><li>- Trauma and haemorrhage.</li></ul></li></ul>	
<b>Unit V</b>	<b>23hrs</b>
<b>Management of abnormal pregnancy</b>	
<ul style="list-style-type: none"><li>• Abortion and ectopic pregnancy and vesicular mole</li><li>• Pregnancy induced hypertension, gestational diabetes, anaemia, heart disease.</li><li>• Urinary infections, Antepartum, haemorrhage. Abnormal labour</li><li>• Malposition &amp; malpresentations</li><li>• Abnormal uterine action</li></ul>	

- Post partum haemorrhage
- Obstetrical emergencies
- Inversion of uterus,
- Obstetrical operations i.e., forceps, vacuum, episiotomy & caesarean section
- Disorders of puerperium
- Management of engorged breast, cracked nipples, Breast abscess and mastitis
- Puerperal sepsis
- Uterine prolapse

**Unit VI** **4hrs****Pharmacotherapeutics in obstetrics**

- Drugs in obstetrics.
- Effects of drugs during pregnancy, labour and puerperium on mother and baby.

**Unit VII** **6hrs****National Welfare Programmes for women**

- National Family welfare programme.
- Problems associated with unwanted pregnancy. Unwed mothers.
- Common diagnostics and Management of gynaecological problems

**Practicum****1. The students will:**

- a. Be posted in antenatal clinic, MCH clinic, antenatal ward, labour room, postnatal ward, maternity OT, MTP room.
- b. Visit welfare agencies for women and write observation report.
- c. Follow nursing process in providing care to 3-6 patients.
- d. Write two nursing care studies and do a case presentation.
- e. Give one planned health teaching to a group of mothers.

**2. Practice following nursing procedures.**

- a. Antenatal & Post natal examination, per vaginal exam.
- b. Conduct normal delivery, stitching of episiotomy, (For male candidates minimum conduct of 5 deliveries)
- c. Motivation of family for adopting family planning methods.
- d. Motivate family for planned parenthood.
- e. Assist in various diagnostic and therapeutic procedures including IUD insertion and removal

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17. Rajan R. Postgraduate Reproductive Endocrinology. 4th Edition. New Delhi: Jaypee;1997. Jeff Coate's. Principles of Gynaecology. 7th edition. New Delhi: Jaypee; 2008
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20. Bobak Irene M, Jensen Margaret. Essentials of Maternity Nursing. 3rd edition. New York: Mosby; 1991

**I Year P.B. B.Sc. (Nursing)**  
**Subject: Child Health Nursing**

**Theory: 60 hours**

**Practical: 240 hrs**

**Course Description**

This course is aimed at developing an understanding of the modern approach to childcare and growth and development of healthy children, the common health problems of children and neonates.

**COURSE OUTCOMES**

*At the end of the course students will be able to...*

- CO01:** Collect the paediatric history
- CO02:** Identify the developments in the field of paediatrics
- CO03:** Apply the concepts of growth and development in providing comprehensive care to the paediatric clients.
- CO04:** Perform physical, developmental, nutritional assessment of paediatric clients.
- CO05:** Describe the national policy, programs and legislation in relation to child health and welfare
- CO06:** Demonstrate skill in nursing management of children with medical and surgical problems.
- CO07:** Recognize and manage neonatal problems.
- CO08:** Display the role of paediatric nurse as a member of health team and function effectively.
- CO09:** Follow professional guidelines and standards of practice in caring for children in supervised clinical practice.

**Course Contents**

**Unit I**

**6hrs**

**Introduction**

- Modern concept of child care
- Internationally accepted rights of the child



- National policy and legislations in relation to child health and welfare
- National programmes related to child health and welfare.
- Changing trends in hospital care, preventive, promotive and curative aspects of child health.
- Child morbidity and mortality rates.
- Differences between an adult and child.
- Hospital environment for a sick child.
- The role of a paediatric nurse in caring for a hospitalized child.
- Principles of pre and post operative care of infants and child.
- Paediatric nursing procedures.

**Unit II****8hrs****The healthy child**

- Growth and development from birth to adolescence
- The needs of normal children through the stages of development and parental guidance.
- Nutritional needs of children and infants breast-feeding supplementary/artificial feeding and weaning.
- Accidents, causes and prevention
- Value of play and selection of play material.
- Preventive immunization.

**Unit III****10hrs****New Born**

- Nursing care of a neonate
- Nursing care of a normal newborn
- Neonatal resuscitation
- Nursing management of a low birth weight baby
- Nursing management of common neonatal disorders
- Organization of neonatal unit. Prevention of infections in the nursery.

**Unit IV****30hrs****Nursing management of Common childhood diseases**

- Nutritional deficiency disorders
- Respiratory disorders and infections.
- Gastrointestinal infections, infestations and congenital disorders.
- Cardio vascular problem-congenital defects and rheumatic fever.
- Genito-urinary disorder-Nephrotic syndrome, Wilms' tumor, infection and

- congenital disorders.
- Neurological infections and disorders- convulsions, epilepsy, meningitis, hydrocephalus, spinabifida, cerebral palsy.
  - Hematological disorders – Anemias, Thalassemia, Idiopathic Thrombocytopenic Purpura, Leukemia, Hemophilia.
  - Endocrine disorders - Juvenile Diabetes mellitus.
  - Orthopedic disorders – club feet, hip dislocation and fracture.
  - Disorders of skin, eye and ears.
  - Common communicable diseases in children, their identification, nursing management in hospital and home and prevention.
  - Paediatric emergencies – Poisoning, foreign bodies, haemorrhage, burns and drowning.

**Unit V**
**6hrs**
**Management of behavioral disorders in children**

- Management of challenged children
- Mentally challenged.
- Physically challenged.
- Socially challenged.

**Method of Evaluation**

Unit test

Sessional exams

Presentations

Assignments

Demonstrations

Clinical presentations

Field visit

**Method of Internal Assessment (Theory)**

Unit test

Sessional exams

Model exam

Assignments

Journal presentation

**Method of Internal Assessment (Practical)**

Growth and Development Assessment - 1

Nursing care plan - 3

Case presentation	- 2
Health education	- 2
Procedure demonstration	- 1
Drug study	- 2s
Field visit report	- 2
Model exam	- 1
Clinical Evaluation	- 2

### **Practicum**

#### **1. The Student will:-**

- Be posted in paediatric medical and surgical ward, OPD in hospital and neonatal unit.
- Visit a Centre for handicapped children and child welfare centre and write observation report.
- Write an observation study of normal children of various age groups in home/nursery school/crèche.
- Follow nursing process in providing care to 3-6 children.
- Write at least two nursing care studies and do a presentation.
- Give two planned health teachings, one in hospital and one in OPD/health centre.

#### **2 Practice the following nursing procedures:**

- Taking paediatric history
- Physical assessment of children
- Baby bath
- Feeding
- Restraining
- Calculation of dosage of drugs and administration of medications and injections.
- Collection of specimens
- Enemas, colostomy irrigation
- Steam and oxygen inhalation
- Preparation to assist with diagnostic tests and operations
- Examination/Assessment of a new born
- Neonatal resuscitation
- Care of a baby in incubator and on ventilator
- Photo therapy
- Assist in exchange transfusion and other therapeutic procedures

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3. Gupte suraj, “The Short Textbook of Paediatrics”, 8th Ed, Jaypee Bro’s Medical Publishers
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**E Books –**

1. United Nations Children’s Fund, “Training manual on Breast feeding management”, 1994
2. WHO, “IMNCI – Integrated Management of Neonatal and Childhood Illness”, 2003
3. NNF India, “Neonatal resuscitation manual”, 2000

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**I Year P.B.B.Sc. (Nursing)**  
**Subject: Medical Surgical Nursing**

**Theory: 90 hrs**  
**Practical: 270 hrs**

**Course Description**

The purpose of this course is to widen the students' knowledge and develop proficiency in caring for patients with medical surgical problems. This course includes review of relevant anatomy and physiology, Pathophysiology in medical-surgical disorders and the nursing management of these conditions.

**COURSE OUTCOMES**

*At the end of the course students will be able to...*

- CO01:** Explain the etiology, pathophysiology, clinical manifestations and management of clients with medical and surgical disorders.
- CO02:** Describe the etiology, pathophysiology, clinical manifestations and nursing management of clients with burns and cosmetic surgery.
- CO03:** Identify the organization of emergency, critical care and disaster services and role of nurse
- CO04:** Apply and integrate the concepts of rehabilitation for patients with chronic neurological and malignant conditions
- CO05:** Apply and integrate the theoretical concepts of various diseases conditions in clinical practice.
- CO06:** Establish caring and empathetic interpersonal relationships with patients and aggregates in various health care settings.
- CO07:** Demonstrate skills in nursing management of adults with medical and surgical problems.

## Course contents

- Unit I** **3hrs**
- Introduction to medical surgical nursing**
- Review of concepts of comprehensive nursing care in medical surgical conditions.
  - Nurse, patient and his/her family
  - Functions of nurse in the outpatient department.
  - Intensive care unit.
- Unit II** **4hrs**
- Nursing management of patient with specific problems**
- Fluid and electrolyte imbalance.
  - Dyspnoea and cough, respiratory obstruction.
  - Fever
  - Shock
  - Unconsciousness
  - Pain
  - Acute illness
  - Chronic illness
  - Terminal illness
  - Age related illness
  - Patient undergoing surgery
  - Incontinence
- Unit III** **8hrs**
- Nursing management of patient with neurological and neuro-surgical conditions:**
- Review of anatomy and physiology of the nervous system.
  - Pathophysiology, diagnostic procedures and management of:
    - Cerebro-vascular accident.
    - Cranial, spinal and peripheral neuropathies. Head-ache and intractable pain.
    - Epilepsy.
    - Infectious and inflammatory diseases and trauma of the Nervous system.
    - Common disorders of the system.
    - Recent advances in diagnostic and treatment modalities.
    - Drugs used in these disorders.
  - Tumors of brain and spinal cord, congenital malformations, degenerative diseases.

**Unit IV****8hrs****Nursing management of patient with cardiovascular Problems**

- Review of relevant anatomy and physiology of Cardio vascular system.
- Pathophysiology, diagnostic procedures and management of
  - Ischemic Heart diseases.
  - Cardiac arrhythmias
  - Congestive heart failure.
  - Rheumatic and other valvular heart diseases.
  - Endocarditis, cardiomyopathies, congenital heart diseases, hypertension, heart block
  - cardiac emergencies: Cardiac arrest, acute pulmonary oedema, Cardiac tamponade, cardiogenic shock, aneurysms
  - Peripheral vascular disorders
  - Recent advancement in Cardiology.

**Unit V****8hrs****Nursing Management of patient with respiratory problems.**

- Review of anatomy and physiology of respiratory system
- Pathophysiology, diagnostic procedures and management of:
  - Upper respiratory tract infections.
  - Bronchitis Asthma
  - Emphysema, Empyema, Atelectasis, COPD, Bronchiectasis
  - Pneumonia
  - Pulmonary Tuberculosis
  - Lung abscess
  - Pleural effusion
  - Tumours and Cysts
  - Chest injuries
  - Respiratory arrest and insufficiency
  - Pulmonary embolism
  - Drugs used in the management of these patients
  - Special respiratory therapies

**Unit VI****8hrs****Nursing Management of patient with genitor-urinary problems**

Review of anatomy and physiology of the genitor-urinary system Pathophysiology, diagnostic procedures and management of:



- Nephritis
- Renal calculus
- Acute renal failure
- Chronic renal failure
- End stage renal disease
- Special procedures, dialysis, renal transplant
- Drugs used in management of these patients
- Congenital disorders, urinary infections
- Benign prostate hypertrophy.

**Unit VII****8hrs****Nursing management of patients with problems of the digestive systems**

- Review of anatomy and physiology of gastrointestinal system and accessory organs.
- Pathophysiology, diagnostic procedures and management of
- GI Bleeding
  - Peptic ulcer
  - Infections
  - Acute abdomen
  - Colitis, diarrhea, dysentery & mal-absorption syndrome
  - Cholecystitis
  - Hepatitis, hepatic coma and cirrhosis of liver
  - Portal hypertension
  - Pancreatitis
  - Tumors, hernias, fistulas, fissures, hemorrhoids.
  - Drugs used in the management of these patients.

**Unit VIII****8hrs****Nursing management of patients with endocrine problems**

- Review of anatomy and physiology and patho-physiology of patients with Thyroid disorders
  - Parathyroid disorders
  - Diabetes mellitus
  - Diabetes insipidus
  - Adrenal tumour
  - Pituitary disorders
- Drugs used in endocrine problems.

**Unit IX** **4hrs****Nursing management of patients with musculoskeletal problems**

- Review of anatomy and physiology  
Diagnostic procedures, Pathophysiology and Nursing management of patients with
  - Arthritis, osteomyelitis, bursitis
  - Fractures, dislocation and trauma
  - Prolapsed disc
  - Osteomalacia and osteoporosis
  - Tumor
  - Amputation
- Prosthesis and rehabilitation
- Transplant and replacement surgeries.

**Unit X** **4hrs****Nursing management of patients with disorders of female reproductive tract**

- Disorder of menstruation
- Infections of the genital tract
- Benign and malignant tumors of the genital tract
- Recto Vaginal Fistula (R.V.F.), Vesico Vaginal Fistula (V.V.F.)
- Climacteric changes and associated problems

**Unit XI** **6hrs****Nursing management of patients with Oncological disorders**

- Types of neoplasms and related pathophysiology
- Diagnostic procedures
- Modalities of treatment and nurse's role
- Special therapies – Chemotherapy and radiotherapy
- Preventive measures, other therapies

**Unit XII** **4hrs****Nursing management of patient with burns**

Nursing management of patient with reconstructive surgeries

**Unit XIII** **4hrs****Common Communicable disease**

- Nursing management of patients with common communicable diseases & STD
- Nursing management of patients with immunological disorders including HIV/AIDS

**Unit XIV** **4hrs****Nursing management of patients with diseases of eye, ear, nose, throat and skin.****Unit XV** **6hrs****Nursing management of patient with blood disorders.**

- Review of Anatomy and Physiology of blood
- Patho-Physiology, diagnostic procedures and management of blood disorders
- Nursing management of patients with
  - Anemia
  - Leukemia
  - Bleeding disorders
  - Hemophilia
  - Purpura etc.
- Blood transfusion, safety checks, procedure and requirements, management of adverse transfusion reaction, records for blood transfusion
- Management and counseling of blood donors, phlebotomy procedure, and post donation management
- Blood bank functioning and hospital transfusion committee
- Bio-safety and waste management in relation to blood transfusion

**Unit XVI** **3hrs****Nursing in Emergency**

- Cardiac emergencies
- Trauma
- Poisoning
- Crisis management: Thyroid crisis, Hypertensive crisis, Adrenal Crisis

**Practicum**

- Students should be rotated in the selected medical and surgical areas, like Cardio Thoracic, Neurology, Urology, Orthopedics, Gynecology Oncology, Burns and Reconstructive surgical units.
- The students should be given patient assignment. They have to practice patient

centered comprehensive nursing.

- Each student is required to give planned health teachings, conduct clinical case presentation and drug study.

**References:**

1. Smeltzer Sc, Bare B. Brunner and Suddarths textbook of medical surgical nursing.10th edition. Philadelphia. Lippincott Williams and Wilkins.
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**I Year P.B.B.Sc (Nursing)****Subject: English****Theory – 60 Hrs.****Course Description**

This course is designed to help the student understand and usage of English language required for their professional work.

**COURSE OUTCOMES**

*At the end of the course students will be able to...*

**CO01:** Analyze and restate the meaning of a text in English

**CO02:** Write in English without grammatical error

**CO03:** Practice listening effectively to communication in English

**CO04:** Develop the ability to speak English language with the right way of pronunciation.

**CO05:** Express the viewpoints with confidence in English

**CO06:** Express values and skills gained through effective communication to other disciplines

**CO07:** Compose articles and compositions in English

**CO08:** Discuss and socialize effectively in English

**Course Contents****Unit I****15hrs****Remedial study of Grammar.**

- Review of grammar, vocabulary and effective use of dictionary
- Prepare task oriented seminars
- Symposia and panel discussion

**Unit II****12hrs****The ability to understand selected passage and express meaning in one's own words.**

- Reading and comprehension of the prescribed books

**Unit III****15hrs****The study of various forms of composition**

- Note taking
- Diary
- Nurses notes, anecdotal records
- Writing of summary
- Nurses reports on health problems

The student will submit one sample of each item from her own practical experience.

**Unit IV****18hrs****Verbal communication**

- Oral reports
- Summarization of discussion
- Debate
- Listening comprehension – Film, Cassette and Radio.

**Practicum**

- The clinical experience in the wards and bed side nursing will provide opportunity for students to fulfill the objectives of learning language.
- Assignment on writing and conversation through participation in discussion, debates, seminars and symposia.

**References:**

1. English for nurses- Liza Sharma, Communicative English for P.B. B. Sc Nursing students - Tom Koorkkaka, Remedial grammar and composition- Shama Lohumi.
2. Entry Edge -Professional Development Program -Part 1, High School English Grammar & Composition -By Wren & Martin (Revised by D r. N. D.V Prasada Rao)
3. Essentials of English grammar and compositions by N.K Aggarwala.
4. Advanced grammar in use by Martin Hewings.

## **II Year P.B. B.Sc (Nursing)**

### **Subject: Sociology**

**Theory: 60 hrs.**

#### **Course Description**

This course is to reorient students to sociology, related to community and social institution in India and its relationship with health, illness and nursing.

#### **COURSE OUTCOMES**

*At the end of the course students will be able to...*

- CO01:** State the importance of Sociology in nursing
- CO02:** Describe the Inter Relationship of Individual in Society and Community
- CO03:** Describe the influence of Culture on health and disease
- CO04:** Identify the various Social Groups and their Interactions
- CO05:** Describe the various Social Institutions Family, Marriage, Religion, Education, Political Organization etc.
- CO06:** Describe the types of Communities in India, their influence on Health and Health practices
- CO07:** Describe the Class and Caste system and their influence on Health and Health practices
- CO08:** Explain the process of Social Change
- CO09:** Explain the process of Social Change
- CO010:** Explain the Growth of Population in India and its impact on Health
- CO011:** Explain the Role of Nurse in dealing with Social Problems in India.

#### **Course Contents**

#### **Unit I 4hrs**

##### **Introduction**

- Importance of study of Sociology in nursing, relationship of anthropology, sociology, etc.

#### **Unit II 6hrs**

##### **Individual and the society**

- Socialization
- Interdependence of the individual and society
- Personal disorganization

**Unit III** **10hrs**  
**Culture**

- Nature of culture
- Evolution of culture
- Diversity and uniformity of culture

**Unit IV** **12hrs**  
**Social organization**

- Social groups, crowds and public groups, nations, race.
- Social institutions: The family, marriage, education, religion, arts, economic organization, political organization.
- The urban and rural community in India: Ecology, characteristics of the village, characteristics of the town and city.
- Social stratification: Class and caste.

**Unit V** **10hrs**  
**Social process**

- Process of social interaction: Competition, conflict-war, cooperation, accommodation and assimilation

**UNIT VI** **6Hrs**  
**Social change**

- Nature and process of social change: Factors influencing cultural change,
- Cultural lag.

**UNIT VII** **12Hrs**  
**Social problems**

- Social disorganization, control and planning: poverty, population, housing, illiteracy, food supplies, growth of urbanization, prostitution, minority groups, rights of women & children, child labour, child abuse, delinquency and crime, Substance abuse.



**References**

1. K. P. Resalakshy. Text book of sociology for nurses. First edition, Vora medical publications;(2002).
2. K. P. Neeraja. Text book of sociology for nursing students. First edition, Jaypee publications;(2006).
3. D. R. Sachdeva. An introduction to sociology. First edition, Kitab Mahal agencies;(1992).
4. T.K, Indrani. Text book of sociology for nurses. First edition, Jaypee Publications;(2003).
5. Kavitha VRS. Sociology for nurses globe. first edition, Jaypee publications;(2008).

**II Year P.B. B.Sc (Nursing)**  
**Subject: Community Health Nursing**

**Theory – 70 hrs**  
**Practical – 240 hrs.**

**Course Description**

The course enables the students to understand the national health care delivery system and to participate in the delivery of community health nursing.

**COURSE OUTCOMES**

*At the end of the course students will be able to...*

- CO01:** Apply community nursing process and principles of community health nursing for rendering need based care at various set ups in the community.
- CO02:** Establish working relationship at various levels with different health professionals
- CO03:** Demonstrates competence in performing various nursing procedures to promote health.
- CO04:** Discuss the models, theories and methods of epidemiology
- CO05:** Identify the sources, methods and scope of biostatistics and vital statistics.
- CO06:** Discuss the roles of the community health nurse in various health programs and services.
- CO07:** Demonstrate skills in activities pertaining to different areas such as Community Health, Medical Surgical, Obstetrics and Gynaecology, Child Health and Mental Health Nursing.
- CO08:** Deliver essential health services in the management of minor ailments in the rural health care setting.

## Course Contents

<b>Unit I</b>	<b>8hrs</b>
<b>Introduction</b>	
<ul style="list-style-type: none"><li>• Introduction to community health – concepts, principles and elements of Primary Health Care</li><li>• Introduction to community health nursing.</li><li>• Concepts of community health nursing – community nursing process</li><li>• Objectives, scope and principles of community health nursing.</li></ul>	
<b>Unit II</b>	<b>8hrs</b>
<b>Family health services</b>	
<ul style="list-style-type: none"><li>• Concept, objectives, scope and principles</li><li>• Individual, family and community as a unit of service.</li><li>• Principles and techniques of home visiting</li><li>• Establishing working relationship with the family.</li><li>• Working with families in relation to prevention of disease, promotion of health.</li><li>• Care of the sick in the home, physically handicapped and mentally challenged.</li><li>• Surveillance and monitoring.</li></ul>	
<b>Unit III</b>	<b>10hrs</b>
<b>Organization and administration of health services in India.</b>	
<ul style="list-style-type: none"><li>• National health policy 1983, 2002, 2015</li><li>• Health care delivery system in India</li><li>• Health team concept</li><li>• Centre, state, district, urban health services, rural health services</li><li>• Indian system of Medicine and other systems of Medicine</li><li>• Centrally sponsored health schemes</li><li>• Role of voluntary health organizations and international health agencies</li><li>• Role of health personnel in the community</li><li>• Public health legislation.</li></ul>	
<b>Unit IV</b>	<b>8hrs</b>
<b>Health Education</b>	
<ul style="list-style-type: none"><li>• Aims, concepts and scope of health education</li><li>• National plan for health education</li><li>• Communication techniques</li><li>• Methods and media for health education programme</li><li>• Planning for health education and role of nurse</li></ul>	

**Unit V** **8hrs****Roles of the community health nurse**

- National health programs
- Maternal and child health programs
- Family Welfare and school health services
- Occupational health services
  
- Role as a member of the health team.
- Training and supervision of health care workers.

**Unit VI** **10hrs****Epidemiology**

- Definition – concepts, aims, objectives, methods, principles
- Epidemiology – Theories and models
- Application of Epidemiology, principles and concepts in community health.

**Unit VII** **8hrs****Bio Statistics and Vital statistics**

- Introduction, definition and scope, legislation\
- Report, recording and compiling of vital statistics at the local, state, national and international level.
- Definitions and methods of computing vital statistics
- Methods of presenting data
- Management information system.

**Unit VIII** **10 hrs****Middle Level Health Care Provider**

- Roles and responsibilities of the MLHP
- New national health programs
- Ayushman Bharath
- Diagnostic and treatment skill essential at sub center level using standard treatment protocols as per NHP
- Introduction to Rashtriya Bal Suraksha karyakrama (RBSK)
- Social mobilization skills
- Drug dispensing
- Program management including supervision and management
- Investigation of an outbreak
- Behavior change communication and soft skill

- Integrated disease surveillance project (IDSP)
- MCTS
- Chikungunya
- Organization of labour room
- Safe child birth checklist
- Post partum visit by health worker
- Family planning -2020
- National family planning program
- Food borne diseases

**Topics to be reviewed:**

- Health planning and health care delivery system in India
- HMIS
- Electronic medical record
- Micro birth planning
- Adolescent counseling
- Sources of vital statistics
- Financial management, accounts and computing at sub center
- Mental health act, drug de-addiction programs
- Time trends in disease occurrence in epidemiology
- Infant and young child feeding and counseling
- Nutrition across lifecycle and update on national nutrition program
- Use of equipments
- Throat problems and febrile seizure in children
- Transportation of baby and common accidents and mishaps in labor room
- Counseling-GATHER approach
- Update biomedical waste management by specifying biomedical waste management rules-2016
- Suturing of superficial wound
- Post partum intra uterine contraceptive device
- All the national health programs on communicable and non communicable diseases.

**Unit-IX****10hrs****Module on Gender Equity**

- Status of Women: Demographic profile of women related statistics
- Women empowerment: concept, need, Issues related to women, programs for girl child, violence against women, laws protecting women rights, case profile studies.
- Importance of women education: School drop-out rate, causes, prevention and steps taken. The access to higher education. Case profile studies.
- Women and work: Problems faced by working women, Maternity leave, POCSO act. Case profile study of a working woman.

**Unit-X****10hrs****Module on Human Health and Environment**

**Introduction:** Health and Environment, atmosphere, hydrosphere, lithosphere and biosphere.

**Ecosystem:** Structure, functions and its features. Weather and climate change: Global warming and greenhouse effect.

**Pollution:** Classification of pollution, its sources, cause and their impacts. Types of pollutants and its fate: Eutrophication. Water and soil- types and sources; sewage and waste water treatment and recycling; Noise pollution and its impact on human health.

**Environmental hazards:** Biological, chemical and physical hazard. Toxic chemicals in the environment: air, water and soil

**Clean air:** Pesticides and carcinogens in the air, Microflora of atmosphere, Identification of aeroallergens, Air pollution related diseases and allergies.

**Environmental Ethics and Global imperatives:** Legal/environmental policy and different control measures.

**Practicum**

- The students will prepare a community profile.
- The students will be allotted families for gaining experience in identifying family health needs, health counseling and guidance and family budgeting for optimum health.
- The students will participate in the activities of primary health centre, Sub-

centre, MCH centre, community health centre and Anganawadi.

- Visits will be made to selected health and welfare agencies, water purification plant and sewage disposal plant, infectious disease hospital.
- Conduct health educational programmes for individual /groups / community.
- Participate in National Health Programs
- The students will provide need based nursing care using the family nursing process and participate bag technique wherever necessary.\
- Plan, organize and conduct health education programs – mass, family and individual.
- Maintain daily dairy.

### References

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3. M.C.Gupta , B.K.Mahajan.Text book of Preventive and Social medicine.Third edition,Jaypee publications; (2005).
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**II Year P.B. B.Sc (Nursing)**  
**Subject: Mental Health Nursing**

**Theory – 60hrs.**  
**Practical: 240 hrs.**

**Course Description**

This course enables the students to recognize and appreciate the causes, symptoms and process of abnormal human behavior. It also introduces the student to the present day treatment modalities in the light of psychological, social and cultural factors affecting human behavior. This course helps the student to learn principles of mental health and psychiatric nursing and to develop beginning skills in the management of the mentally ill in hospital and community.

**COURSE OUTCOMES**

*At the end of the course students will be able to...*

- CO01:** Describe the principles of mental health nursing.
- CO02:** Demonstrate skills of psychiatric assessment
- CO03:** Apply therapeutic Nurse patient relationship in clinical practice
- CO04:** Describe etiological factors, psycho-pathology, clinical features, diagnostic criteria and treatment methods used for mental disorders.
- CO05:** Describe mental and behavioural disorders due to Psychoactive substance use and apply the nursing process to the care of clients with mental and behavioural disorders due to Psychoactive substance use
- CO06:** Describe childhood and adolescence disorder including mental retardation and apply the nursing process to the care of clients with childhood and adolescence disorder including mental Retardation
- CO07:** Explain psychiatric emergencies and display skill in handling crisis.
- CO08:** Identify treatment modalities and therapies in Psychiatric disorders.
- CO09:** Identify role of the nurse in preventive psychiatry.

**CO010:** Identify the legal aspects in practice of mental health and psychiatric nursing.

**CO011:** Describe various aspects of community health nursing

### **Course Content**

**UNIT I:** **4Hrs**

**Introduction and Historical development**

- History of psychiatry
- Historical development of mental health nursing
- Philosophy, principles of mental health and psychiatric nursing.
- Concept of normal and abnormal behavior
- Role and qualities of mental health and psychiatric nurse
- Mental health team and functions of team members.

**Unit II:** **4Hrs**

**Classification and assessment of mental disorders**

- Terminologies used in Psychiatry.
- Etiological factors and psychopathology of mental disorders
- History taking and assessment methods for mental disorders

**Unit III:** **5 Hrs**

**Therapeutic communication**

**Communication Process**

- Interview skills, therapeutic communication techniques, Nurse patient relationship
- Therapeutic impasse and it's management, Process recording

**Unit IV:** **20hrs**

**Management of Mental Disorders**

- Classification: ICD-10 classification
- Etiology, prevalence and incidence psychopathology, types, clinical manifestations, diagnosis of patient with following disorders:
  1. Neurotic disorders: Anxiety, Phobia, Obsessive-Compulsive Disorder, Stress related and Somatoform disorders.
  2. Psychotic disorders : Schizophrenia, Mood Disorders and other psychotic Disorders

3. Organic Brain syndromes
4. Personality disorders

**Unit V:****6 Hrs****Nursing management of patients with substance use disorders.**

- Classification: ICD- 10 classification
- Etiology, prevalence and incidence
- Commonly used psychotropic substance: classification, forms, routes, action, intoxication & withdrawal
- Etiology of dependence: tolerance, psychological and physical dependence, withdrawal syndrome, diagnosis
- Treatment (detoxification, antabuse and narcotic antagonist therapy and harm reduction) & nursing management of patients with substance use disorders
- Follow up, home care and rehabilitation

**Unit VI****5Hrs****Nursing management of childhood and adolescent disorders including mental deficiency-**

- Classification: ICD- 10
- IQ assessment
- Etiology, prevalence and incidence
- Etiology, psychopathology, characteristics, diagnosis ,
- Diagnostic criteria and management of sub-normality
- Treatment modalities and nursing management of childhood disorders including mental deficiency
- Follow up, home care and rehabilitation

**Unit VII:****5hrs****Psychiatric Emergencies**

- Types of emergencies, psychopathology, clinical features, assessment and diagnosis, treatment and nursing management of patient with Psychiatric emergencies.
- Crisis intervention therapy

**Unit VIII:****6 Hrs****Therapeutic Modalities**

- **Therapeutic community and Milieu therapy**
  - Occupational therapy

- Psychotherapy
- Behaviour therapy
- Family therapy
- Pharmaco therapy
- Electro convulsive therapy
- Other miscellaneous therapies (AYUSH)

**Unit IX:****5Hrs****Community Mental Health Nursing**

- Development of Community Mental Health Services: National Mental Health Programme and national mental health policy
- Institutionalization Versus Deinstitutionalization
- Model of preventive Psychiatry: Levels of prevention
- Mental Health Services available at the primary, secondary, tertiary levels including rehabilitation and role of nurse
- Mental health Agencies: Government and voluntary, National and International
- Mental health nursing issues for special populations: children, adolescence, women, elderly, victims of violence and abuse, handicapped, HIV/AIDS etc.

**Practicum**

- The student will be provided opportunity to:
  - Observe, record and report the behavior of their selected patients
  - Record the process of interaction
  - Assess the nursing needs of their selected patients, plan and implement the nursing intervention.
  - Counsel the attendant and family members of patient.
  - Participate in the activities of psychiatric team.
  - Write observation report after a field visit to the following places:
    - Child guidance clinic
    - School/special schools (for mentally subnormal)
    - Mental Hospital
    - Community mental health centres
    - De-addiction centre.
- The students should complete the following assignments
  - MSE - 5
  - Case history - 5

- Case presentation - 1
- Process recording - 2
- Nursing care plan - 2
- Assist in ECT - 3
- Drug study – 1

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**II Year P.B. B.Sc (Nursing)**  
**Subject: Introduction to Nursing Education**

**Theory – 60 hrs.**

**Practical - 75 hrs.**

**Course Description**

This course introduces the students to principles and concepts of education, curriculum development and methods and media of teaching. It also describes the steps in curriculum development and implementation of educational programmes in nursing.

**COURSE OUTCOMES**

*At the end of the course students will be able to...*

- CO01:** Explain the concepts, aims, principles and scope of education
- CO02:** Distinguish the nature, factors and scope of education and philosophy
- CO03:** Describe the teaching learning process
- CO04:** Explain the nature, principles, types of educational objectives
- CO05:** Discuss different levels of Curriculum planning
- CO06:** Enumerate teaching methods used in clinical and classes and explain its uses
- CO07:** Identify various teaching methods used in the classroom
- CO08:** Differentiate between the concepts of evaluation and measurement
- CO09:** Prepare assessment tools as per the norms
- CO010:** Discuss administration, selection, infrastructure development and curriculum planning for different levels of nursing education institutes
- CO011:** Plan, organize and implement continuing nursing education program for the employees
- CO012:** Explain the concept, principles and scope of guidance and counseling services in nursing institutes

## Course Contents

### **Unit I** **4 hrs**

#### **Introduction to education**

- Meaning of education, aims, function and principles.
- Philosophy of education,
  - Factors influencing development of Philosophy of nursing education.

### **Unit II** **7hrs**

#### **Teaching learning process**

- Nature and characteristics of learning
- Principles and maxims of teaching
- Formulating objectives
- Lesson planning

### **Unit III** **9hrs**

#### **Methods of teaching**

- Teaching Methods
- Classroom teaching methods
- Lecture
- Discussion
- Demonstration
- Laboratory
- Group discussion
- Project
- Role-play
- Panel discussion
- Symposium
- Seminar
- Field trip
- Workshop
- Exhibition
- Programmed instruction
- Computer assisted learning
- Problem Based Learning
- Clinical teaching methods
- Case methods
- Case presentation
- Nursing rounds and reports

- Bedside clinic
- Conference (individual and group)
- Recording of interaction process.

**Unit IV****8hrs****Educational media**

- The communication process : factors affecting communication
- Purposes and types of audio-visual aids
- Graphics aid : chalk-board, charts, graphs, posters, flash cards, flannel graph/ khadigraph, bulletin, cartoon
- Three dimensional aids : Objects, specimen, models, puppets
- Printed aids : pamphlets and leaflets
- Projected aids : slides, films and televisions, VCR, VCP, overhead projector, Camera, microscope
- Audio-aids: tape-recorder, public address system, computer

**Unit V****8hrs****Methods of assessment**

- Purpose and scope of evaluation and assessment
- Criteria for selection of assessment techniques and methods
- Assessment of knowledge: essay type question, SAQ (Short Answer Questions)
- MCQ (Multiple choice questions)
- Assessment of skills : Observation, Check list, Practical examination, Viva
- Objective structured clinical examination.
- Assessment of attitude : Attitude scale

**Unit VI****8hrs****Management of School of Nursing**

- Planning of School of Nursing, organization
- Recruitment of teaching staff, budget, facilities for the school
- Student selection and admission procedure
- Administrative planning for students
- Welfare services for students
- Maintenance of school records, preparation of annual reports
- INC guidelines for school of nursing.

**Unit VII****8hrs****Guidance and Counseling**

- Meaning, Definition



- Basic principles of guidance and counseling
- Organization of guidance and counseling services
- Counseling process
- Managing disciplinary problems
- Management of crisis

**Unit VIII****8hrs****Staff Development Programme**

- In-service education
- Introduction to nature and scope of in-service education programme
  - Principles of adult learning
- Planning for in-service programme
- Techniques, and methods of staff education programme
  - Evaluation of in-service programme
- CNE

**Practicum****Each student should:**

1. Conduct five planned teaching using different methods and media
2. Prepare different types of teaching aids
3. Plan, organize and conduct in-service education programme
4. Conduct at least one counseling session
5. Prepare rotation plans.

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**II Year P.B. B.Sc (Nursing)**  
**Subject: Introduction to Nursing Service Administration**

**Theory – 60 hrs.**  
**Practical -180 hrs.**

**Course Contents**

This course is designed to give an opportunity to the student to gain an understanding of the principles of administration and its application to nursing service. It is also intended to assist the students to develop an understanding of professional leadership need.

**COURSE OUTCOMES**

*At the end of the course students will be able to...*

- CO01:** Demonstrate the skills required by the nurse manager to create an effective work environment
- CO02:** Discuss the factors influencing quality of nursing care, administration of the unit and maintenance of a therapeutic environment in nursing unit.
- CO03:** Describe human resource procedure and processes utilized by nurse leaders and managers
- CO04:** Discuss human resource management and staff development in management of nursing service in the hospital and community.
- CO05:** Demonstrate leadership abilities in professional practice setting.
- CO06:** Apply leadership and management principles to achieve quality safety outcome
- CO07:** Explain the elements, principles and techniques of Material Management in Hospital service.
- CO08:** Describe the concepts, theories and techniques of organizational behaviour and human relations.
- CO09:** Discuss ethical, legal responsibility and professional advancements in nursing

- CO010:** Discuss supervision its tools, techniques and principles in nursing service administration.
- CO011:** Explain financial management, principles of budgeting and financial audit in nursing service administration.
- CO012:** Explain group dynamics and human relations in organizational behaviour.
- CO013:** Describe public relations and organizational behaviour in nursing service administration.
- CO014:** Analyze the importance of records and reports in nursing service administration.

### Course Contents

#### **Unit I** **9hrs**

##### **Principles and Practice of Administration**

- Significance, elements and principles of administration
- Organization of Hospital-Definition, Aims, functions and classifications, health team.
- Policies of hospital, different departments with special emphasis to department of nursing & office management.
- Responsibilities of the nursing personnel specially of ward sister
- Medico legal aspects
- Concept of cost effectiveness.

#### **Unit II** **10hrs**

##### **Nursing Unit Management**

- Physical layout of a nursing unit and necessary facilities
- Factors affecting the quality of nursing care
- Maintenance of a therapeutic environment
- Administration of the unit – management of patient care
- Maintenance of physical environment
- Assignment of duties and time plan
- Patient assignment, safety measures, prevention of accidents and infections
- Maintenance of patients records and reports, legal responsibilities
- Maintenance of quality nursing care, nursing audit

**Unit III** **10hrs****Personnel Management**

- Staff recruitment and selection, appointment, promotions, personnel policies and job descriptions
- Job analysis
- Staffing the unit, staffing norms, rotation plan, leave planning, performance appraisal, staff welfare and management of disciplinary problems.

**Unit IV** **10hrs****Supervision**

- Principles of supervision, nature and objectives
- Tools and techniques of supervision
- Evaluation
- Nursing audit
- Staff development – orientation program
- Skill training
- Leadership development
- Problem solving process

**Unit V** **7hrs****Material Management**

- Principles of material management
- Quality control
- Inventory, care of equipment, safe keeping
- Role of nursing personnel in material management

**Unit VI** **6hrs****Financial Management**

- Budgeting – Principles of budgeting, audit

**Unit VII** **8hrs****Organizational Behavior**

- Group dynamic and human relation
- Organizational communication (hospital Information system)
- Public relations, leadership styles and functions
- Methods of reporting
- Maintaining records and reports.

**Practicum**

- Observe the functioning of nursing administration at various level, i.e., institution, department, unit.
- Each student will practice ward management under supervision
- Student will prepare rotation plan of the staff, write reports, give verbal reports of the ward and assist in maintaining the inventory of the nursing unit.
- Visit to private and Government hospital and write observation reports.
- The students will participate in the management activities of nursing educational institution.

**References:**

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**II Year P.B. B.Sc (Nursing)**  
**Subject: Introduction to Nursing Research and Statistics**

**Theory – 45 hrs.**  
**Practical – 120 hrs**

**Course Description**

The course is designed to assist the students to develop an understanding of basic concepts of research and statistics, use the findings of nursing research in nursing practice, apply the knowledge in conducting project(s) and solve problems related to nursing using scientific method.

**COURSE OUTCOMES**

*At the end of the course students will be able to...*

- CO01:** Define the terms and concepts of nursing research
- CO02:** Identify needs and scope of nursing research
- CO03:** Identify and define a research problem
- CO04:** Locate and list sources of literature for a specific study
- CO05:** Describe different research approaches, methods of data collection and sampling Techniques with a special reference to survey method.
- CO06:** Develop tool for data collection
- CO07:** Enumerate steps of data analysis and present data summary in tabular form
- CO08:** Use descriptive and co-relational statistics in data analysis
- CO09:** Conduct a group research project.

**A - Introduction to Research Methodology**

**Course Contents**

**UNIT I:****2Hrs****Steps of scientific methods**

- Definition of research
- Need for nursing research
- Characteristics of good research, Research Process

<b>Unit II</b>	<b>3hrs</b>
<b>Statement of research problem</b>	
<ul style="list-style-type: none"><li>• Statement of purpose and objectives</li><li>• Definition of research terms</li><li>• Review of literature.</li></ul>	
<b>Unit III</b>	<b>6hrs</b>
<b>Approach and Design</b>	
<ul style="list-style-type: none"><li>• Research approaches : historical, survey and experimental</li></ul>	
<b>Unit IV</b>	<b>5hrs</b>
<b>Sampling Techniques and methods of data collection</b>	
<ul style="list-style-type: none"><li>• Sampling</li><li>• Instruments – questionnaire, Interview</li><li>• Observation schedule, records, measurements</li><li>• Reliability and validity of instruments</li></ul>	
<b>Unit V</b>	<b>5hrs</b>
<b>Analysis of Data :</b>	
<ul style="list-style-type: none"><li>• Classification</li><li>• Summarization</li><li>• Tabulation</li><li>• Presentation</li><li>• Interpretation of data</li></ul>	
<b>Unit VI</b>	<b>5 hrs</b>
<b>Communication of research findings</b>	
<ul style="list-style-type: none"><li>• Writing Report</li><li>• Organizing materials for writing</li><li>• Format of the report</li><li>• Use of computer</li></ul>	



## B. Introduction To Statistics

### **Unit VII** **4 hrs**

#### **Descriptive Statistics**

- Frequently Distribution – Types of measure-frequencies, class interval, graphic methods of describing frequency.
- Measures of Central Tendency – Mode, Median and Mean
- Measures of variability : Range, standard deviation
- Introduction to normal probability

### **Unit VIII** **4 hrs**

#### **Correlation**

- Computation by rank difference methods
- Uses of correlation co-efficient

### **Unit IX** **4hrs**

#### **Biostatistics:**

Crude rates and standardized rates, ratio and estimation of the trends.

### **Unit X** **7hrs**

#### **Introduction to computers in Nursing**

- Introduction to computers and disk – operating system
- Introduction to word processing
- Introduction to data base
- Windows applications, word, excel, power point, multimedia
- Use of statistical packages
- Introduction to internet & use of electronic mail
- Computer aided teaching & testing.

#### **Practicum**

Students will conduct research project in small groups in selected areas of nursing and submit a report (Group studies may include studying of existing health practices, improved practices of nursing (procedures), health records, patient records and survey of nursing literature)

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